Public Review Draft Initial Study/ Mitigated Negative Declaration

1977 Saturn Data Center Project

October 2024

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1.0 INTRODUCTION

1.1 Statutory Authority and Requirements

SDCF Monterey Park, LLC (the "Applicant") submitted an application for a data center project at 1977 Saturn Street, Monterey Park, CA to the City of Monterey Park Planning Division for discretionary review. The City of Monterey Park ("City"), as Lead Agency, determined that the proposed project is subject to the California Environmental Quality Act ("CEQA"), and that preparation of an initial study is required.

This initial study ("IS") evaluates the potential environmental effects that could result from the construction and operation of the proposed data center. This IS has been prepared in accordance with California Public Resources Code section 21000 et seq. ("CEQA") and Title 14 of the California Code of Regulations Section 15000, et. seq. ("CEQA Guidelines").

Based on the analysis provided within this IS, the City concluded that, with incorporation of the identified mitigation as agreed to by the Applicant, the proposed data center would not result in significant impacts on the environment and, therefore, that the preparation of a mitigated negative declaration ("MND") is intended as an informational document and is ultimately required to be adopted by the City's decision-making body before or concurrently with the proposed project.

1.2 Summary of Findings

Pursuant to CEQA Guidelines section 15367, the City, as Lead Agency, has the authority for environmental review and adoption of the environmental documentation, in accordance with CEQA. This IS and MND evaluated the environmental issues outlined in **Section 3.0: Environmental Factors Potentially Affected**. It provides decision-makers and the public with information concerning the proposed project's potential environmental effects and recommended mitigation measures, if any.

Based on this IS and MND, and supporting environmental analysis, the proposed project would have no impact or a less than significant impact concerning all environmental issue areas, except the following, for which the proposed project would have a less than significant impact with mitigation incorporated:

- Cultural Resources
- Geology and Soils
- Hazards and Hazardous Materials
- Tribal Cultural Resources

As set forth in CEQA Guidelines Section 15070, an initial study leading to a mitigated negative declaration can be prepared when the initial study identifies potentially significant effects, but project revisions would avoid or mitigate the effects to a point where clearly no significant effects would occur, and there is no substantial evidence, in light of the whole record before the agency, that the project as revised may have a significant effect on the environment.

1.3 Initial Study Public Review Process

The Notice of Intent to Adopt a Mitigated Negative Declaration ("NOI") was provided to the Clerk of the County of Los Angeles and mailed to responsible and trustee agencies concerned with the proposed project and other public agencies with jurisdiction by law over resources affected by the project. A 30-day public review period has been established for the IS/MND in accordance with CEQA Guidelines Section 15073. During the public review period, the IS/MND, including the Technical Appendices, was made available for review on the City website, at https://www.montereypark.ca.gov/241/Planning.

In reviewing the IS/MND, affected public agencies and the interested public should focus on the document's adequacy in identifying and analyzing the potential environmental impacts and the ways in which the Project's potentially significant effects can be avoided or mitigated.

Written comments on this IS/MND may be sent to:

Beth Chow, AICP, Planning Manager
City of Monterey Park, Planning Division
320 West Newmark Ave
Monterey Park, CA 91754
Email: bchow@MontereyPark.ca.gov

Following receipt and evaluation of comments from agencies, organizations, and/or individuals, the City will determine whether any substantial new environmental issues have been raised. If so, further documentation may be required. If not or if the issues raised do not provide substantial evidence that the Project would have a significant effect on the environment, the IS/MND will be considered for adoption and the Project for approval.

1.4 Incorporation by Reference

Pursuant to CEQA Guidelines Section 15150, an initial study and mitigated negative declaration may incorporate by reference all, or portions of, another document which is a matter of public record or is generally available to the public. Where all or part of another document is incorporated by reference, the incorporated language is considered set forth in full as part of the initial study and mitigated negative declaration's text.

The references outlined below, which were utilized during preparation of the IS, are available for review on the City's website, at:

Monterey Park General Plan. The City adopted its comprehensive General Plan ("General Plan") in 2001. Since adopting the General Plan, the General Plan's Land Use and Urban Design Element was adopted through the Focused General Plan Update in June 2020, the Healthy Communities Element and Sustainable Communities Element were adopted in October 2014, the Safety Element and Environmental Justice Element were adopted in January 2022, and the 2021-2029 Housing Element (6th Cycle) was adopted in March 2023. The General Plan outlines the City's goals, plans, and objectives for land use within the City's jurisdiction.

Found at: https://www.montereypark.ca.gov/253/General-Plan

Monterey Park Municipal Code ("MPMC"). The MPMC, among other things, implements the General Plan and regulates land use and development within the City's jurisdiction. MPMC Title 21 is the primary tool for implementing the General Plan and coordinating and controlling the development and use of real property throughout the City. The MPMC is referenced throughout this IS/MND to establish the Project's baseline regulatory requirements.

Found at: https://ecode360.com/MO4971

1.5 Report Organization

This document is organized into the following sections:

Section 1.0: Introduction provides a project introduction and overview, cites the CEQA Guidelines to which the proposed project is subject, and summarizes the IS/MND's conclusions.

Section 2.0: Project Description details the Project's location, environmental setting, background and history, characteristics, discretionary actions, construction program, phasing, agreements, and required permits and approvals. This section also identifies the IS/MND's intended uses, including a list of anticipated permits and other approvals.

Section 3.0: Lead Agency Determination provides the determination of the proposed project and an overview of potential impacts that may or may not result from project implementation.

Section 4.0: Evaluation of Environmental Impacts provides an analysis of environmental impacts identified in the environmental checklist.

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2.0 PROJECT DESCRIPTION

2.1 Project Overview

The Applicant proposes to demolish the existing improvements on the real property located at 1977 Saturn Street, Monterey Park CA and construct a new data center with an ancillary equipment yard, substation, parking, and landscaping. The proposed data center would comprise a total of approximately 218,400 square feet that would include approximately 109,970 square feet of data hall space and approximately 91,889 square feet of support space (collectively, the "Project").

The data center building's support space would consist of office, loading docks, storage, mechanical/electrical/fiber entry rooms, and other ancillary uses. The proposed data center building would have an FAR of 0.32.

The preliminary design of the proposed data center building would be one story and 36 feet in height (46.5 feet to top of mechanical equipment platform screening). The proposed data center would house computer servers and supporting equipment for private clients. Clients would either use the Project as a place to relocate their existing servers or as a place to operate new servers and expand their server capacity. Power to run data center operations would be provided by Southern California Edison ("SCE") service, through a proposed on-site dedicated 24,000-square-foot electrical substation to be constructed on the northeastern portion of the site. To provide power during an interruption in SCE service, the Applicant would also install 14 stationary diesel-fueled internal combustion engines and generators ("gen-sets"). The 14 gen-sets, each capable of producing four megawatts ("MW"), would be used only in the event of an emergency. The maximum power demand to maintain full functionary of the data center is calculated to be approximately 49.9 MW, which could be produced by 12 of the gen-sets, allowing 2 gen-sets to be a redundant back-up. Twelve four MW backup generators with a total generation capacity of up to 48 MW and the two redundant back-up generators would be located outdoors in an approximately 75,000-square-foot ancillary equipment yard, adjacent to the north side of the data center. The ancillary equipment yard would be screened by a 20-foot tall perforated screen wall. Rooftop mechanical equipment would be required to provide interior temperature control and to cool computer servers. The substation would also include fire safety equipment.

Additional on-site improvements would include a trash enclosure, gated driveway access, parking lot, perimeter fencing, masonry wall on the northwestern portion of the site, retaining wall along the northeasterly and southwesterly site boundary on Orange Avenue and Saturn Street, respectively, and landscaping, as further described below.

2.2 Location

The Project is proposed on the real property located at 1977 Saturn Steet, Monterey Park CA (Assessor's Parcel Number ("APN") 5265-026-054) which is approximately 15.8 acres, and is located in the southeastern portion of the City, in Los Angeles County ("County"), approximately 7.5 miles east of downtown Los Angeles (the "Project Site"); see **Figures 2-1: Regional Vicinity**

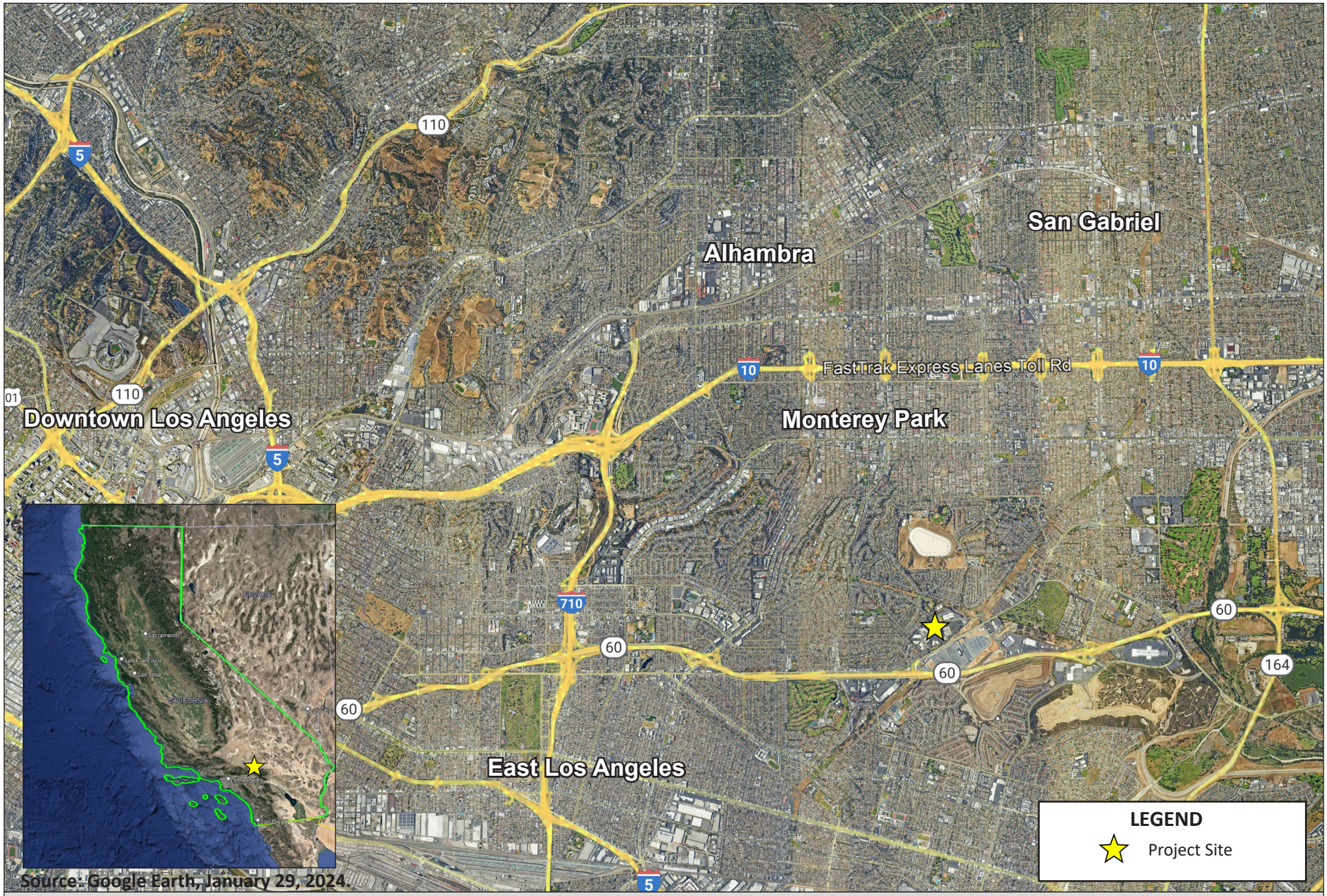
Map and **2-2: Local Vicinity Map**. Regional access to the Project Site is provided via State Route 60 ("SR 60"), Interstate 10 ("I-10"), State Route 164 ("SR 164"), and Interstate 710 ("I-710"), located approximately 0.4-mile south, 2.1 miles north, 2.8 miles east, 3.1 miles west of the Project Site, respectively.

2.3 Environmental Setting

2.3.1 On-Site Conditions

The majority of the Project Site is relatively flat, except for the northern boundary of the Project Site which moderately slopes up to a small hill that borders the northern boundary of the Project Site. Project Site elevations range from approximately 360 feet above mean sea level ("amsl") to approximately 420 amsl. As depicted in Figure 2-2, the Project Site is currently developed with a two-story commercial office building, an associated one-story utility building with a diesel-powered emergency backup generator, and surface parking lot. The existing buildings on-site were developed in 1979. The existing office commercial building was formerly occupied for use as a banking office and data center until 2016. Current on-site operations consist of routine general property management and maintenance. The commercial office building is approximately 205,628 square feet, and the utility building is approximately 3,936 square feet, resulting in a total existing building square footage of approximately 209,564 square feet. The Project Site also contains an asphalt-paved surface parking lot with 847 parking spaces and an existing perimeter security fence. Approximately 337 trees and landscaping are located along the western, northern, and eastern boundaries of the Project Site and throughout the parking lot. A grass area is also located adjacent to the western and southern sides of the commercial office building.

Access to the Project Site is provided via two driveways off Saturn Street, one each off the eastern and western boundaries of the Project Site. Pedestrian access is provided via an existing sidewalk along the portion of Saturn Street that abuts the southeastern portion of the existing commercial office building. The Project Site includes existing utility connections (water, sewer, and electrical).



Source: Google Earth, January 29, 2024.

FIGURE 2-1: REGIONAL VICINITY MAP

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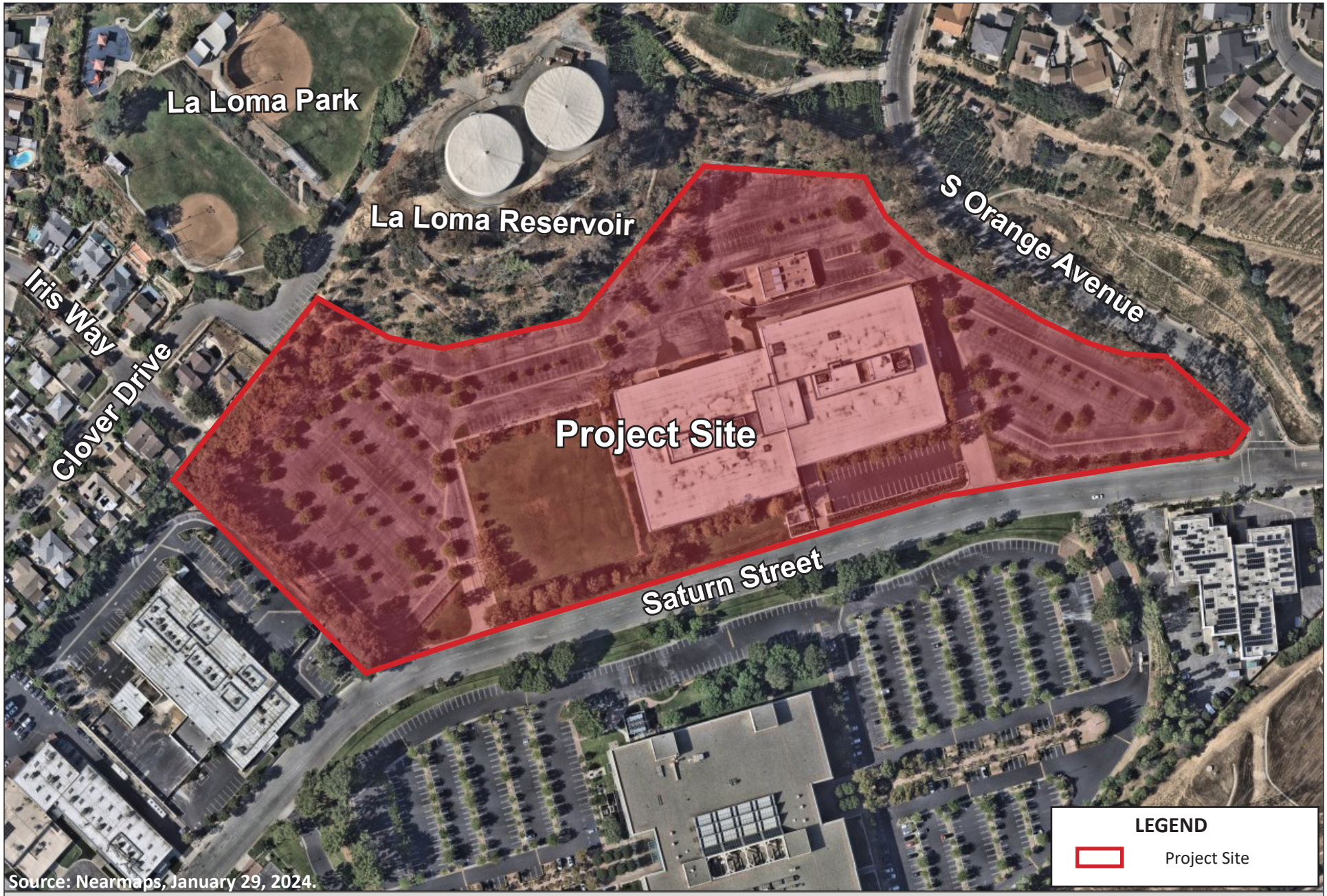


FIGURE 2-2: LOCAL VICINITY MAP
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2.3.2 General Plan And Zoning

The Project Site is within the McCaslin Business Park (O-P Voter Enacted) zone, and has a General Plan land use designation of Innovation/Technology. The primary uses allowed within this land use designation include research and development, light manufacturing, service commercial, professional offices, entertainment, and breweries/wineries/distilleries. Figure LU-4 in the General Plan's Land Use and Urban Design Element which identifies the Project Site within the Saturn Park Focus Area, which was developed to create new business opportunities within the district. The maximum allowable intensity in the Saturn Park Focus Area Innovation/Technology land use designation is 0.60 floor area ratio ("FAR") per Figure LU-4 in the Land Use Element with a maximum height of 40 feet, and identified as 0.80 FAR per MPMC Section 21.14.100.[1]

The Project Site is zoned Office Professional (Voter Enacted) (O-P). Pursuant to MPMC 21.14.040, principal permitted uses in this zone include data processing facilities. The O-P Zone is intended to provide for the development of integrated professional, office and limited retail areas that exhibit a diversity of business activity from both revenue and service quality standpoints, and which are compatible and responsive to abutting land uses, including residential developments.[2]

2.3.3 Surrounding Land Uses

On-site and surrounding land uses and zoning designations are summarized in **Table 2-1: On-site and Surrounding Land Uses** and depicted on Figure 2-2.

Table 2-1: On-site and Surrounding Land Uses

Description	Existing On-the-Ground[1]	Zoning[2]
Project Site	Commercial office building, parking lot	Office Professional (Voter Enacted) (O-P)
North	La Loma Reservoir water storage tanks, La Loma Park, plant nursery, single-family residential uses beyond	Open Space (O-S)
South	Saturn Street, commercial office buildings, surface parking lots, Southern California Edison (SCE) Mesa Substation	O-P
East	South Orange Avenue, open space	O-S, O-P
West	Commercial office buildings, single-family residential uses	O-P, Single-Family Residential (R-1)

1. Google Earth Pro, 2024.
2. City of Monterey Park, Zoning Map, 2021, https://www.montereypark.ca.gov/DocumentCenter/View/11735/Zoning-Map_030521.

[1] City of Monterey Park, Monterey Park 2040 General Plan, Land Use and Urban Design Element, 2019, https://www.montereypark.ca.gov/DocumentCenter/View/10181/MontereyParkLU_UDElement_FINAL_ADOPTED_12-6-2019-compressed. Accessed January 27, 2024.

[2] City of Monterey Park, Zoning Map, 2021, https://www.montereypark.ca.gov/DocumentCenter/View/11735/Zoning-Map_030521 . Accessed January 27, 2024.

2.4 Project Characteristics

See **Figure 2-3: Conceptual Site Plan** for a conceptual site plan depicting the various components of the Project.

2.4.1 Major Equipment

Table 2-2: Major Equipment provides a list of the major equipment that would be located on the Project Site as part of the Project.

Table 2-2: Major Equipment

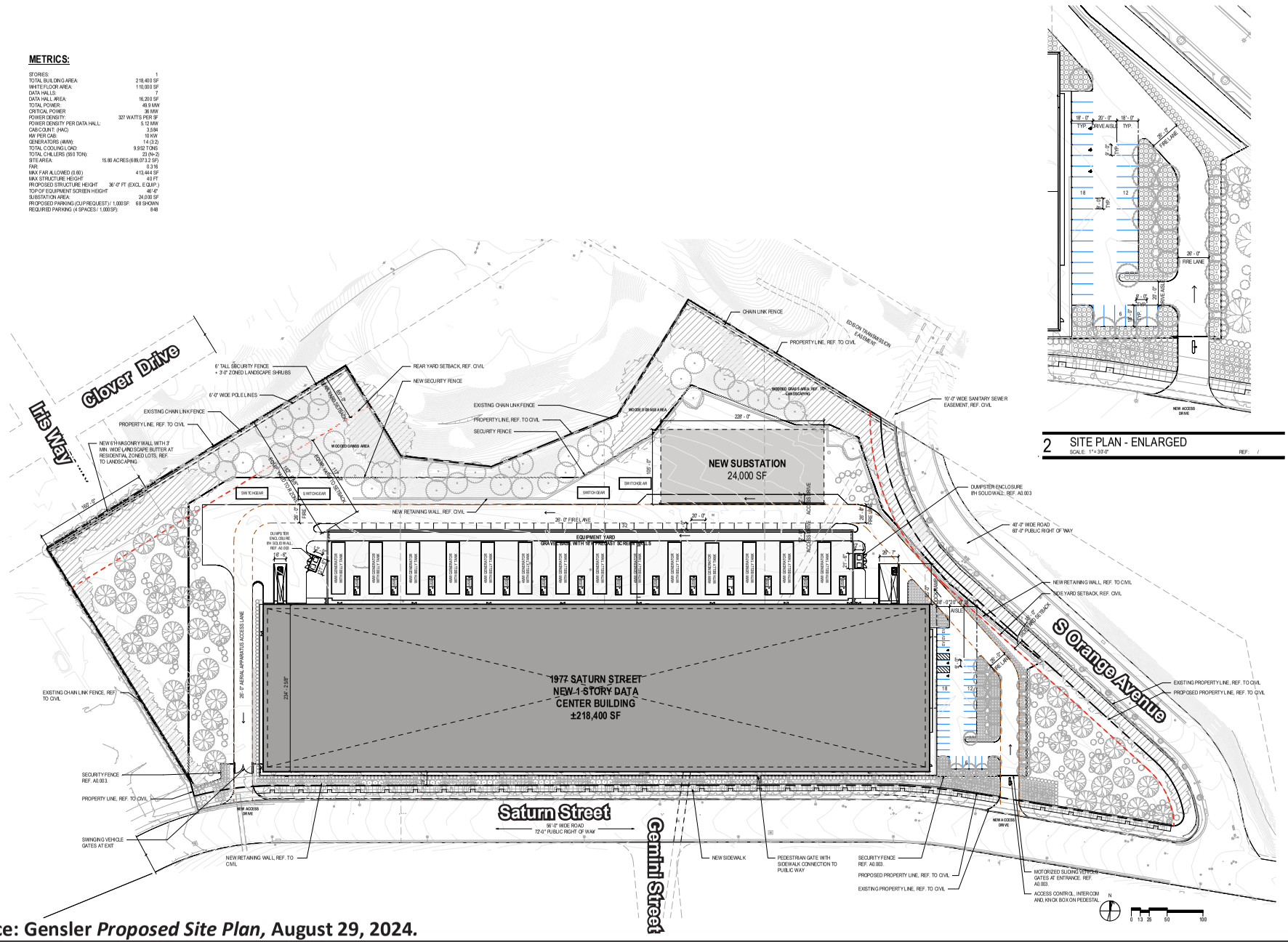
Equipment	Quantity	Location
4-MW standby generators	14	North of and adjacent to the data center
125-kW chillers	23	On the roof of the proposed building

2.4.2 Architectural Design

Exterior building elements and materials for the proposed data center would include metal panels, insulated precast concrete panels, aluminum-framed glass storefront with an aluminum canopy, aluminum-framed doors, and glazed windows. Rooftop equipment would be screened from view from the surrounding area by 16-foot-tall metal panel acoustic and visual screens, and the gen-sets in the equipment yard would be screened from view by an approximate 20-foot-tall perforated screen wall. Retaining walls would also enclose the loading yards, trash enclosure, and substation. The final architectural design of the proposed building is subject to review and approval by the City.

2.4.3 Access, Circulation, and Parking

The Project is required to provide 848 parking spaces per MPMC Table 21.22(c), Nonresidential Parking Standards, of Section 21.22.120, Minimum Parking Spaces Required. As further described in Section 2.6.3, Project Operations – Employees, below, up to 26 employees would typically work in the data center building throughout the day (daytime, evening, and overnight) every 24 hours. As the projected number of employees would require far fewer parking spaces than what is prescribed in the MPMC, the Project would provide for demand-based parking via a parking analysis reviewed by the City Engineer and City Planner to accommodate anticipated parking needs. Such parking needs would be incorporated into the development standards contained in the Business Recovery Development Agreement Zone ("BRDZ"). Accordingly, the Project would include 68 parking spaces adjacent to the eastern and northern sides of the proposed data center building, including three handicapped accessible spaces and three spaces for electric vehicles ("EV"). The Project would also include two loading dock berths to accommodate deliveries and loading activities for the proposed data center.



Source: Gensler *Proposed Site Plan*, August 29, 2024.

FIGURE 2-3: CONCEPTUAL SITE PLAN

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Vehicular access to the Project Site would be provided via two new gated driveways located along Saturn Street. One driveway is proposed to be located along the western perimeter of the Project Site, and the other driveway is proposed to be located along the eastern perimeter of the Project Site. These new driveways would be located closer to the western and eastern boundaries of the Project Site compared to the existing driveways. These two driveways would connect with each other along the northern side of the proposed equipment yard. The driveway along the eastern perimeter of the Project Site would serve as the main entry to the Project Site for passenger and service vehicles. Additionally, an internal, 26-foot-wide drive aisle would be included for general circulation and fire access. The designs and dimensions of the driveways would be designed to comply with the City's current design requirements.

Pedestrian access within the Project Site would also be provided via a walkway along the western, southern, and eastern sides of the data center. A pedestrian gate with sidewalk connection to the public right-of-way would be provided on Saturn Street west of the new eastern driveway.

2.4.4 Security and Fencing

The Project would include new security fencing enclosing the Project Site in addition to the existing perimeter fence. Two secured access gates would be provided, one for each proposed driveway. The access gates would remain locked, except during operations and maintenance activities. A pedestrian gate would also be located adjacent to the southern side of the proposed data center building that would provide access to the sidewalk along Saturn Street. The Project would also include security measures such as security lighting, a surveillance camera system, and 24/7 security personnel.

2.4.5 Landscaping

The Project would include landscaping on the western and eastern ends of the Project Site, along the western side of the proposed data center building, along the western and eastern sides of the proposed equipment yard, along the eastern side of the proposed substation, and throughout the proposed parking lot. A landscape buffer with a minimum width of three feet would also be provided along the northwestern boundary of the Project Site that abuts adjacent residential uses. Proposed landscaping would include native trees, shrubs, grasses, and groundcover, all of which would have very low or low water needs. The Project would plant 77 new trees throughout the Project Site, 21 of which would be street trees along the proposed sidewalk. Project development would include the removal of approximately 186 existing trees on-site. The Project would be equipped with a low flow irrigation system consisting of a weather-based smart controller and low rotors, bubbler, or drip systems. Proposed landscaping would be consistent with the surrounding buildings to comply with the City's design requirements.

2.4.6 Utilities and Infrastructure

Water

Potable water for the Project Site is provided by the San Gabriel Valley Municipal Water District. The City's Public Works Department Engineering Division owns and maintains all water

infrastructure, including on-site and off-site facilities. The existing public water lines would be removed and rerouted, subject to approval from the City of Monterey Park Public Works Department.

Four existing fire hydrants are located in the vicinity of the Project Site: one on Orange Avenue and three on Saturn Street. Approximately four new fire hydrants would be installed on-site. All fire and water design improvements must comply with applicable law, including, without limitation, the California Fire Code as adopted by the MPMC. The Project would include new internal fire water, domestic water, and irrigation water utility lines that would connect to the water main line within Saturn Street.

Wastewater

The Project Site falls within the service area of the A.K. Warren Water Resource Facility, which is owned and operated by the Los Angeles County Sanitation Districts ("LACSD"). The Project would connect to the existing sanitary sewer main line within Saturn Street. The existing 10-foot-sewer easement located on-site would be quitclaimed.

Drainage

Stormwater from the Project Site is collected on-site via catch basins and is routed through pipes that ultimately connect to the existing public catch basins/storm drain main line within Saturn Street. There are City-owned public catch basins directly in front of the existing commercial building and public catch basins near the Project Site's existing southerly driveway.

The Project's anticipated stormwater treatment design is comprised of two stormwater catchment systems. Each one consisting of a proprietary biofiltration unit and detention system that would be located on the northwestern and southeastern portions of the Project Site. A stormwater lift station would also be installed on the southeastern portion of the Project Site. New catch basins would be installed throughout the Project Site. New internal storm drain lines would be constructed and would connect to the existing storm drain main line within Saturn Street.

Solid Waste

Solid waste generated by the Project would be collected and hauled away by the City's solid waste franchisee (Athens Services). The Project would include solid waste enclosures on the northeastern and northwestern portion of the Project Site, which would be shielded from view by retaining walls.

Electricity and Natural Gas

SCE is responsible for providing electrical services to the Project Site. As discussed above, a new substation owned and operated by the Applicant will be constructed as part of the Project.

The Project would not include any natural gas usage during Project operations.

2.4.7 Site Grading

The Project Site is bordered on the north by hillside that would remain undisturbed where the proposed design permits, as a general guideline using the existing parking lot limits and the limit of grading. There is currently only one area where there is cut into the hillside to accommodate the future substation. The proposed data center building takes up majority of the buildable land on the Project Site and spans nearly the entire frontage of Saturn Street. In order to capture the potential rainwater on-site, high and low points were created along the drive aisle and parking areas to route the water to the proposed catch basins.

2.5 Project Construction

Project construction is anticipated to occur over one phase, lasting approximately 24 months, beginning as early as September 2025 and ending as early as August 2027. Construction would occur consistent with the MPMC, including, without limitation, the City's noise policies. Specifically, construction would occur Monday through Friday from 7:00 A.M. to 7:00 P.M. or Saturday, Sunday, and holidays between 8:00 A.M. to 6:00 P.M. Project construction is anticipated to occur in the following sequence:

- Demolition,
- Site grading and construction preparation,
- Building construction,
- Utility Work,
- Paving,
- Interior construction and build-out,
- Installation of equipment and infrastructure, and
- Final inspections, testing, and commissioning.

Project Site preparation for the Project would require cutting and removal of approximately 500,000 square feet of concrete and approximately 65,000 cubic yards of soil export. Final grading plans would be approved by the City, as applicable.

2.6 Project Operations

2.6.1 Backup Energy Supply

A data center relies upon a constant supply of power to allow servers to operate continuously: 24 hours per day, seven days per week. To ensure continuous energy supply, the Project would utilize up to 12 4-MW backup generators upon loss of grid power. The backup generators are designed to start up quickly and run only as demand requires. All generators would be located outdoors in the equipment yard and would be surrounded by an acoustic screen wall. Generators would be placed in sound-attenuating enclosures. The generators would be laid out in one row

and reach a height of approximately 20 feet to top of generator enclosure, and up to 40 feet to top of exhaust stack.

The gen-sets would have maintenance testing performed throughout the year to ensure performance when needed during a power failure. All generators would be operated strictly in accordance with permitted hours as determined by the South Coast Air Quality Management District ("SCAQMD").

Each generator would be provided with a 7,000-gallon sub-base fuel storage tank, equating to 24 hours of runtime in emergency conditions. The sub-base fuel storage tanks will be provisioned with fuel ports to allow refilling from the internal access road and fire access road on-site. Additionally, the Project would include uninterruptable power supplies ("UPS") and direct current ("DC") plant energy equipment/batteries for backup power. Batteries would provide enough energy to cover the critical load of 36 MW in the event of a power failure. UPS and batteries would be located in the data center, adjacent to the computer room the system serves.

2.6.2 Cooling

Servers convert electrical energy as they operate and need to be kept cool. Therefore, cooling systems are a critical component of data center operation. Cooling systems would be installed to remove heat, ensuring servers operate safely and efficiently. The heating, ventilation, and air conditioning ("HVAC") equipment would include 23 air cooled chillers with free cooling modules, each rated at 460-tons of capacity, in an N+1 redundancy configuration to support data hall operations. Packaged HVAC rooftop units would provide cooling for the administrative and ancillary spaces. A Water Usage Effectiveness (WUE) of 0.0 would be anticipated given the design leverages a closed loop cooling system.

2.6.3 Employees

It is anticipated that up to 26 employees would typically work in the data center building throughout the day (daytime, evening, and overnight) every 24 hours.

2.6.4 Vehicle Trips

Passenger vehicle trips to the Project Site would be minimal, consisting of employees traveling to the Project Site for work and occasional client visits. Truck trips would occur during Project operation to deliver and remove equipment as needed. Visitor and client trips to the Project Site are further analyzed in **Section 4.17**, **Transportation**, of this IS/MND.

2.6.5 Energy Usage

Major sources of energy demand for Project operations would be client servers and the cooling system. The facility would use a maximum of 49.9 MW for a maximum load of 1,197,160 kilowatt-hours ("kWh") daily. Overall, the daily power usage would vary depending on how many servers are running and how intensely the data center's clients are running their servers. The data center building would require minimal lighting, which would be used only to support the lobby, office space, corridors, storage space, and parking area.

2.7 Offsite Improvements for Southern California Edison ("SCE") Service

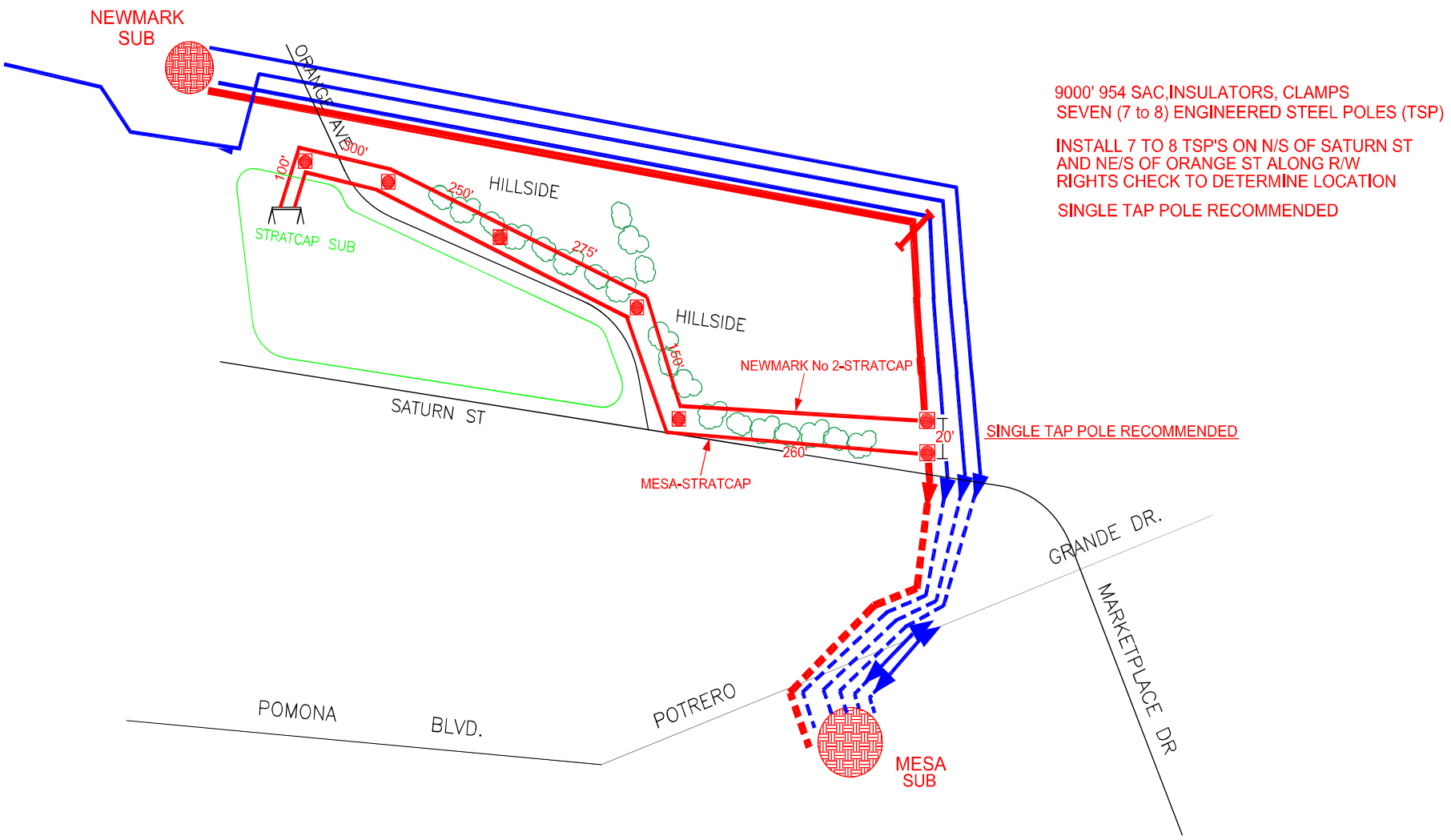
SCE prepared a Method of Service Study ("MOS") that verified SCE can provide power to the Project. The MOS identified the nearby Mesa Substation and the Newmark Substation as the sources of electricity for the Project. The electricity line routes from the Project to the substations, as well as the associated SCE infrastructure, are illustrated in **Figure 2-4: Offsite Improvements for Southern California Edison Service**. In addition, the MOS identified telecom transmission line routes from the Project to existing telecom infrastructure located at the Mesa Substation and along Potrero Grande Drive, as illustrated in **Figure 2-5: Transmission Telecom Improvements**. Per the MOS, preliminary review of the line routes assumes SCE will install its new facilities in franchise and/or within existing SCE right-of-way.

As noted in the MOS, the construction of the transmission lines would require a Permit To Construct ("PTC") from the California Public Utilities Commission ("CPUC"). The MOS concluded that construction of the transmission facilities would qualify for a PTC exemption when such construction activities are included in the environmental review of the Project for purposes of CEQA review. Accordingly, this IS/MND includes analysis of the SCE offsite improvements identified in the MOS for the Project.

The SCE improvements would include installation of new overheard and/or underground facilities that connect the SCE substations, and existing telecom infrastructure, to the Project. That construction would be minor and likely occur within public and SCE existing right-of-way, which will result in minimal disturbance of land and/or airspace. Per the MOS, the improvements would mostly occur on the Project Site (for a new substation) and be limited to new rack relays at the existing Mesa Substation and Newmark Substation. Those relay installations involve minor equipment upgrades at the existing SCE substations and would not require substantial construction that could significantly impact the environment.

In addition, per the MOS, the SCE improvements include the installation of seven to eight tubular steel poles and steel aluminum conductor for the 66 kilovolt ("kV") transmission line from the SCE substations, and existing powerline infrastructure, to the Project. Installation of that equipment would involve minor excavation to place the power poles, support footings, and installation of the related power transmission lines. For the telecom lines, the MOS indicates there will be primary and secondary telecom transmission lines running from the Mesa Substation to the Project. Construction of those underground lines would likely require excavation in the existing right-of-way along portions of Saturn Street, South Orange Avenue, and Potrero Grande Drive. The excavation would be limited to the area needed to install conduit for the telecom lines and a series of new manholes to access the telecom line.

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Source: Southern California Edison, 2024.

FIGURE 2-4: OFFSITE IMPROVEMENTS FOR SOUTHERN CALIFORNIA EDISION SERVICE

1977 Saturn Data Center Project

Initial Study/Mitigated Negative Declaration

NOT TO SCALE

Kimley»Horn



Source: Southern California Edison, 2024.

FIGURE 2-5: TRANSMISSION TELECOM IMPROVEMENTS

1977 Saturn Data Center Project

Initial Study/Mitigated Negative Declaration

NOT TO SCALE

Kimley»Horn

2.8 Agreements, Permits, and Approvals

The City has discretionary authority over the proposed Project. Other agencies, in addition to the City, are expected to use this IS/MND in their decision-making process. To implement this Project, several discretionary permits are required from the City and other agencies including, without limitation, at a minimum, the following discretionary permits/approvals must be granted by the City and others:

- Adoption of the Initial Study/Mitigated Negative Declaration;
- Approval of CUPs for a project on a lot size over one acre, and mechanical equipment exceeding height, if needed;
- Design Review;
- Approval of a Development Agreement, due to the Project's large scale development, and activation of the BRDZ pursuant to the MPMC;
- Tree removal;
- SCAQMD Authority to Construct/Permit to Operate; and
- Permits to Construct SCE Facilities.

2.9 Environmental Factors Potentially Affected

The environmental factors checked below would be potentially affected by the Project, involving at least one impact that is a "Potentially Significant Impact" or “Less Than Significant With Mitigation Incorporated,” as indicated by the checklist on the following pages.

	Aesthetics		Agricultural and Forestry Resources		Air Quality
	Biological Resources	X	Cultural Resources		Energy
X	Geology & Soils		Greenhouse Gas Emissions	X	Hazards & Hazardous Materials
	Hydrology & Water Quality		Land Use & Planning		Mineral Resources
	Noise		Population & Housing		Public Services
	Recreation		Transportation	X	Tribal Cultural Resources
	Utilities & Service Systems		Wildfire	X	Mandatory Findings of Significance

3.0 LEAD AGENCY DETERMINATION

On the basis of this initial evaluation:

I find that the proposed Project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.	
I find that although the proposed Project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the Project have been made by or agreed to by the Project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.	X
I find that the proposed Project MAY have a significant effect on the environment and an ENVIRONMENTAL IMPACT REPORT is required.	
I find that the proposed Project MAY have a potentially significant or a potentially significant unless mitigated impact on the environment, but at least one effect (1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.	
I find that although the proposed Project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed Project, nothing further is required.	

CITY OF MONTEREY PARK

Beth Chow
Beth Chow, AICP
Planning Manager

October 31, 2024
Date

4.0 EVALUATION OF ENVIRONMENTAL IMPACTS

The following environmental analysis is patterned after CEQA Guidelines Appendix G**.** An explanation is provided for all responses except "No Impact" responses, which are supported by the cited information sources. The responses consider the whole action involved with the proposed Project: on- and off-site, Project- and cumulative-level, direct and indirect, and short-term construction and long-term operational. The explanation of each issue also identifies the significance criteria or threshold, if any, used to evaluate each question, and the mitigation identified, if any, to avoid or reduce the impact to less than significant. To each question, there are four possible responses:

- **No Impact.** The Project would not have any measurable environmental impact.
- **Less Than Significant Impact.** The Project would have the potential to impact the environment, although this impact would be below-established thresholds that are considered to be significant.
- **Less Than Significant With Mitigation Incorporated.** The Project would have the potential to generate impacts, which may be considered as a significant effect on the environment, although mitigation measures or changes to the Project's physical or operational characteristics could reduce these impacts to a less than significant level.
- **Potentially Significant Impact.** The Project could have impacts, which may be considered significant, and therefore additional analysis is required to identify mitigation. A determination that there is a potential for significant effects indicates the need to more fully analyze the Project's impacts and identify mitigation.

4.1 Aesthetics

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Except as provided in Public Resources Code Section 21099, would the project:				
a) Have a substantial adverse effect on a scenic vista?				X
b) Substantially damage scenic resources, including, but not limited to trees, rock outcroppings, and historic buildings within a State Scenic Highway?				X
c) If in a non-urbanized area, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?			X	
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?			X	

Impact Analysis

4.1a Would the project have a substantial adverse effect on a scenic vista?

No Impact. Under CEQA, a scenic vista is defined as a viewpoint that provides expansive views of a highly-valued landscape for the public's benefit. The Project Site is currently developed with a two-story commercial office building, surface parking lot, and a grass lot. The Project Site is within a fully developed area of the City dominated by single-family residences and office uses. Overall Project Site topography is mostly flat, except for the northern boundary of the Project Site, which moderately slopes up to the hill bordering the northern Project Site boundary. The City's General Plan does not designate any scenic vistas within the City. The closest scenic resource to the Project Site is the San Gabriel Mountains approximately 10 miles to the north. However, existing views of these mountains are entirely obscured from street view along Saturn Street by surrounding urban development, trees, and the hill bordering the northern Project Site boundary. There are no prominent topographical features on the Project Site from which scenic vistas could be viewed, nor does the Project Site contain a scenic vista.

Upon Project development, views of the San Gabriel Mountains would continue to be blocked along Saturn Street. The Project would not directly obstruct an existing public view of a scenic vista as no scenic vistas are in the Project Site vicinity. Therefore, Project development would not result in a substantial adverse effect on a scenic vista. There would be no impacts to scenic vistas, and no mitigation measures would be required.

4.1b Would the project substantially damage scenic resources, including but not limited to trees, rock outcroppings, and historic buildings within a State Scenic Highway?

No Impact. There are no State-designated scenic highways in the City.[3] The nearest eligible scenic highway is SR 39 located approximately 13 miles northeast of the Project Site, and the nearest officially designated scenic highway is the portion of SR 2 located within the Angeles National Forest, approximately 13 miles northwest of the Project Site. Therefore, the Project would not damage scenic resources within a State scenic highway. No impact would occur in this regard.

4.1c If in a non-urbanized area, would the project substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?

Less Than Significant Impact. The Project Site is in an urbanized area of the City; therefore, the applicable threshold with respect to the Project is whether the Project is consistent with applicable zoning and other regulations governing scenic quality.

The Project Site is zoned Office Professional (Voter Enacted) (O-P). Pursuant to MPMC Chapter 21.14, O-P – Office Professional Zone (Voter Enacted), the O-P Zone is intended to provide for the development of integrated professional, office and limited retail areas that exhibit a diversity of business activity from both revenue and service quality standpoints, and which are compatible and responsive to abutting land uses, including residential developments. Data centers are a principally permitted use in the O-P Zone.

The Project Site has a General Plan land use designation of Innovation/Technology. The primary uses allowed within this land use designation include research and development, light manufacturing, service commercial, professional offices, entertainment, and breweries/wineries/distilleries. The Project proposes to develop a data center, which is a permitted use within the Innovation/Technology General Plan land use designation. Furthermore, the maximum FAR for the Innovation/Technology designation is 0.60 with a maximum height of 40 feet. The proposed FAR for the Project is 0.32, which is below the maximum permitted FAR. The Project would also have a maximum height of 36 feet (exclusive of the mechanical equipment platform screening), which is below the maximum permitted height. In addition, if needed, the MPMC permits the City to issue a CUP for height exceedances in the O-P Zone per MPMC Section 21.14.090.

The Project would be consistent with the zoning for the Project Site, including the land use, FAR, height, and setback requirements, standards, and limits established for the Project Site. With City approval of the requested actions to allow for a demand-based reduction in the number of parking spaces provided, the Project's provision of 68 parking spaces would be consistent with the MPMC. Therefore, impacts would be less than significant.

[3] California Department of Transportation, California State Scenic Highway System Map, 2019, https://caltrans.maps.arcgis.com/apps/webappviewer/index.html?id=465dfd3d807c46cc8e8057116f1aacaa. Accessed on February 6, 2024.

4.1d Would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

Less Than Significant Impact. Existing outdoor lighting at and near the Project Site is associated with office and commercial parking, and street lighting along Saturn Street typical of urbanized areas. New light sources introduced by the Project may increase ambient nighttime illumination levels.

Construction

Pursuant to MPMC Section 4.50.100, Sound Level Limits—Exceptions, construction activities would occur Monday through Friday from 7:00 A.M. to 7:00 P.M. and/or Saturday, Sunday, and holidays from 8:00 A.M. to 6:00 P.M. While the majority of Project construction would occur during daylight hours, there is a potential that construction could require the use of artificial lighting, particularly during the winter season when daylight is no longer sufficient earlier in the day. To the extent artificial light sources are required, such use would be temporary and would cease upon completion of Project construction. Furthermore, construction-related illumination would be used for safety and security purposes only, in compliance with MPMC light intensity requirements. Additionally, as part of the Project, construction lighting would be shielded to minimize light spillover. Construction lighting, while potentially bright, would be focused on the particular area undergoing work.

Daytime glare could potentially occur during construction activities if reflective construction materials were positioned in highly visible locations where the reflection of sunlight could occur. However, any glare would be highly transitory and short-term, given the movement of construction equipment and materials within the construction area, and the temporary nature of construction activities. In addition, large, flat surfaces that generate substantial glare are typically not an element of construction activities. Furthermore, temporary construction fencing comprised of a solid material or including screening would be placed along the periphery of the Project Site to screen construction activity from view at the street view at off-site locations. Therefore, there would be a negligible potential for daytime or nighttime glare associated with construction activities to occur.

Based on the above, light and glare associated with Project construction activities would not create a new source of substantial light or glare which would adversely affect day or nighttime views in the area. Therefore, impacts related to light and glare during construction would be less than significant.

Operation

The Project would introduce new sources of light and glare that are typically associated with data center buildings, including architecture, interior, security, and wayfinding lighting sources. In addition, the Project is replacing an existing commercial building on the Project Site, which has existing and similar sources of site lighting. Also, all Project lighting would comply with current energy standards and codes, while providing efficient and effective on-site lighting. Nighttime security lighting for the Project would be provided to illuminate building entrances, parking areas, and internal roadways and walkways. The nearest sensitive receptors in the vicinity of the Project

Site are the single-family residences along Clover Drive to the west. However, all exterior lights would be wall- or ground-mounted and shielded away from adjacent land uses and security lighting would be designed to prevent light trespass onto adjacent properties. It is not anticipated that the amount of light emanating from the Project would represent a noticeable increase over current light levels.

The Project would include appropriate levels of interior and exterior lighting for security, parking, and architectural highlighting. Outdoor lighting would be designed and installed with shielding, such that lighting would be directed and focused on the Project in accordance with MPMC lighting regulations that require that operational lighting would be directed downward or on the specific on-site feature to be lit and avoid direct glare onto exterior glazed windows or glass doors of existing and adjacent uses.

Regarding glare, daytime glare can result from sunlight reflecting from a shiny surface that would interfere with the performance of an off-site activity, such as the operation of a motor vehicle. Reflective surfaces can be associated with window glass and polished surfaces, such as metallic trim. In general, sun reflection that has the greatest potential to interfere with driving occurs from the lower stories of a structure. Similar to the existing development at the Project Site, sun reflection from the Project would occur during periods in which the sun is low on the horizon and when the point of reflection within the Project Site is in front of the driver, in the direction of travel. The Project Site currently contains a surface parking lot and an existing office building constructed of various non-reflective materials. No sources of substantial glare are anticipated with implementation of the Project. Exterior building materials of the proposed data center would use various non-reflective material designed to minimize the transmission of glare from the Project's buildings and would not include polished metals. The Project building would be prohibited from using highly reflective building materials such as mirrored glass on exterior facades. Parking would be screened from street-level public view by proposed landscaping and trees along Saturn Street, thereby reducing potential nighttime glare from vehicles.

Based on the above, the Project would not create a new source of substantial light or glare that would adversely affect day or nighttime views in the area. Therefore, impacts would be less than significant.

4.2 Agricultural and Forestry Resources

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?				X
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?				X
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?				X
d) Result in the loss of forest land or conversion of forest land to non-forest use?				X
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?				X

Impact Analysis

4.2a Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

4.2b Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract?

4.2c Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?

4.2d Would the project result in the loss of forest land or conversion of forest land to non-forest use?

4.2e Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use?

No Impact. According to the California Department of Conservation's California Important Farmland Finder, no Prime Farmland, Unique Farmland, or Farmland of Statewide or Local Importance is mapped within or in the immediate vicinity of the Project Site.[4] Further, there is no land under a Williamson Act Contract in the City.[5] Therefore, the Project would not conflict with any existing Williamson Act Contract. Additionally, the Project Site is zoned Office Professional (Voter Enacted) (O-P). No agricultural, forest land, or timberland zoning exists in the City.[6] Therefore, no impact concerning mapped farmlands, Williamson Act contracts, or agricultural, forest, or timber land zoning would occur.

[4] California Department of Conservation (DOC), California Important Farmland Finder, 2022, https://maps.conservation.ca.gov/dlrp/ciff/. Accessed on February 5, 2024.

[5] DOC, California Williamson Act Enrollment Finder, 2022, https://maps.conservation.ca.gov/dlrp/WilliamsonAct/. Accessed on February 5, 2024.

[6] City of Monterey Park, Zoning Map, 2021, https://www.montereypark.ca.gov/DocumentCenter/View/11735/Zoning-Map_030521.

4.3 Air Quality

This Section is based on the *Air Quality Analysis Memorandum* (Kimley-Horn, August 2024), *Office Improvements for Southern California Edison Service* (Kimley-Horn, September 2024), and *Health Risk Assessment Memorandum* (Kimley-Horn, October 2024), which are included as **Appendix A-1: Air Quality Analysis Memorandum, Appendix A-2: Offsite Improvements for Southern California Edison Service,** and **Appendix B: Health Risk Assessment Memorandum,** respectively.

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?			X	
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is non-attainment under an applicable federal or state ambient air quality standard?			X	
c) Expose sensitive receptors to substantial pollutant concentrations?			X	
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?			X	

Regulatory Setting

Federal

Federal Clean Air Act

Air quality is federally protected by the Federal Clean Air Act ("FCAA") and its amendments. Under the FCAA, the United States Environmental Protection Agency ("U.S. EPA") developed the primary and secondary National Ambient Air Quality Standards ("NAAQS") for the criteria air pollutants including ozone (O_3), nitrogen dioxide (NO_2), carbon monoxide ("CO"), sulfur dioxide (SO_2), particulate matter up to 10 microns (PM10), particulate matter up to 2.5 microns ("PM2.5"), and lead. Proposed projects in or near nonattainment areas could be subject to more stringent air-permitting requirements. The FCAA requires each State to prepare a State Implementation Plan ("SIP") to demonstrate how it will attain the NAAQS within the federally imposed deadlines.

The U.S. EPA can withhold certain transportation funds from states that fail to comply with the planning requirements of the FCAA. If a State fails to correct these planning deficiencies within two years of Federal notification, the U.S. EPA is required to develop a Federal implementation plan for the identified nonattainment area or areas. The provisions of 40 Code of Federal Regulations Parts 51 and 93 apply in all nonattainment and maintenance areas for

transportation-related criteria pollutants for which the area is designated nonattainment or has a maintenance plan. The U.S. EPA has designated enforcement of air pollution control regulations to the individual states. Applicable NAAQSs are summarized in **Table 4.3-1: State and National Ambient Air Quality Standards.**

Table 4.3-1: State and National Ambient Air Quality Standards

Pollutant	Averaging Time	State Standards[1]	National Standards[2]
Ozone (O_3) [2, 5, 7]	8 Hour	0.070 ppm (137 µg/m^3)	0.070 ppm
	1 Hour	0.09 ppm (180 µg/m^3)	NA
Carbon Monoxide (CO)	8 Hour	9.0 ppm (10 mg/m^3)	9 ppm (10 mg/m^3)
	1 Hour	20 ppm (23 mg/m^3)	35 ppm (40 mg/m^3)
Nitrogen Dioxide (NO_2)	1 Hour	0.18 ppm (339 µg/m^3)	0.10 ppm[11]
	Annual Arithmetic Mean	0.030 ppm (57 µg/m^3)	0.053 ppm (100 µg/m^3)
Sulfur Dioxide (SO_2) [8]	24 Hour	0.04 ppm (105 µg/m^3)	0.14 ppm (365 µg/m^3)
	1 Hour	0.25 ppm (655 µg/m^3)	0.075 ppm (196 µg/m^3)
	Annual Arithmetic Mean	NA	0.03 ppm (80 µg/m^3)
Particulate Matter (PM10) [1, 3, 6]	24-Hour	50 µg/m^3	150 µg/m^3
	Annual Arithmetic Mean	20 µg/m^3	NA
Fine Particulate Matter (PM2.5) [3, 4, 6, 9]	24-Hour	NA	35 µg/m^3
	Annual Arithmetic Mean	12 µg/m^3	9.0 µg/m^3
Sulfates (SO_{4-2})	24 Hour	25 µg/m^3	NA
Lead (Pb) [10, 11]	30-Day Average	1.5 µg/m^3	NA
	Calendar Quarter	NA	1.5 µg/m^3
	Rolling 3-Month Average	NA	0.15 µg/m^3
Hydrogen Sulfide (H_2S)	1 Hour	0.03 ppm (0.15 µg/m^3)	NA
Vinyl Chloride (C_2H_3Cl) [10]	24 Hour	0.01 ppm (26 µg/m^3)	NA

ppm = parts per million; µg/m^3 = micrograms per cubic meter; mg/m^3 = milligrams per cubic meter; NA = no information available.

1. California standards for O_3, CO (except Lake Tahoe), SO_2 (1-hour and 24-hour), NO_2, suspended particulate matter - PM10, and visibility reducing particles are values that are not to be exceeded. The standards for sulfates, Lake Tahoe CO, lead, H_2S, and vinyl chloride are not to be equaled or exceeded. If the standard is for a 1-hour, 8-hour or 24-hour average (i.e., all standards except for lead and the PM10 annual standard), then some measurements may be excluded. Measurements are excluded that CARB determines would occur less than once per year on the average. The Lake Tahoe carbon monoxide standard is 6.0 ppm, a level one-half the national standard and two-thirds the State standard.
2. National standards shown are the "primary standards" designed to protect public health. National standards other than for O_3, particulates and those based on annual averages are not to be exceeded more than once a year. The 1-hour O_3 standard is attained if, during the most recent three-year period, the average number of days per year with maximum hourly concentrations above the standard is equal to or less than one. The 8-hour O_3 standard is attained when the 3-year average of the 4th highest daily concentrations is 0.070 ppm or less. The 24-hour PM10 standard is attained when the 3-

Table 4.3-1: State and National Ambient Air Quality Standards

year average of the 99th percentile of monitored concentrations is less than 150 µg/m_3. The 24-hour PM2.5 standard is attained when the 3-year average of 98th percentiles is less than 35 µg/m^3.

3. Except for the national particulate standards, annual standards are met if the annual average falls below the standard at every site. The national annual particulate standard for PM10 is met if the 3-year average falls below the standard at every site. The annual PM2.5 standard is met if the 3-year average of annual averages spatially-averaged across officially designed clusters of sites falls below the standard.
4. NAAQS are set by the U.S. EPA at levels determined to be protective of public health with an adequate margin of safety.
5. On October 1, 2015, the national 8-hour O_3 primary and secondary standards were lowered from 0.075 to 0.070 ppm. An area will meet the standard if the fourth-highest maximum daily 8-hour O_3 concentration per year, averaged over three years, is equal to or less than 0.070 ppm. U.S. EPA will make recommendations on attainment designations by October 1, 2016, and issue final designations October 1, 2017. Nonattainment areas will have until 2020 to late 2037 to meet the health standard, with attainment dates varying based on the O_3 level in the area.
6. The national 1-hour O_3 standard was revoked by the U.S. EPA on June 15, 2005.
7. In June 2002, CARB established new annual standards for PM2.5 and PM10.
8. The 8-hour California O_3 standard was approved by the CARB on April 28, 2005 and became effective on May 17, 2006.
9. On June 2, 2010, the U.S. EPA established a new 1-hour SO_2 standard, effective August 23, 2010, which is based on the 3-year average of the annual 99th percentile of 1-hour daily maximum concentrations. The existing 0.030 ppm annual and 0.14 ppm 24-hour SO_2 NAAQS however must continue to be used until one year following U.S. EPA initial designations of the new 1-hour SO_2 NAAQS.
10. In December 2012, U.S. EPA strengthened the annual PM2.5 NAAQS from 15.0 to 12.0 µg/m^3. In December 2014, the U.S. EPA issued final area designations for the 2012 primary annual PM2.5 NAAQS. Areas designated "unclassifiable/attainment" must continue to take steps to prevent their air quality from deteriorating to unhealthy levels. The effective date of this standard is April 15, 2015.
11. CARB has identified lead and vinyl chloride as 'toxic air contaminants' with no threshold level of exposure below which there are no adverse health effects determined.
12. National lead standard, rolling 3-month average: final rule signed October 15, 2008. Final designations effective December 31, 2011.

Source: South Coast Air Quality Management District, Air Quality Management Plan, 2022; California Air Resources Board, Ambient Air Quality Standards, May 6, 2016, and U.S. EPA, NAAQS Table, February 7, 2024.

State

California Air Resources Board

CARB administers the air quality policy in California. The California Ambient Air Quality Standards ("CAAQS") were established in 1969 pursuant to the Mulford-Carrell Act. The CAAQS, included with the NAAQS in **Table 4.3-1**, are generally more stringent and apply to more pollutants than the NAAQS. In addition to the criteria pollutants, CAAQS have been established for visibility reducing particulates, hydrogen sulfide, and sulfates.

The California Clean Air Act ("CCAA"), which was approved in 1988, requires that each local air district prepare and maintain an Air Quality Management Plan ("AQMP") to achieve compliance with CAAQS. These AQMPs also serve as the basis for the preparation of the SIP for meeting NAAQS for the State of California. Like the U.S. EPA, CARB also designates areas within California as either attainment or nonattainment for each criteria pollutant based on whether the CAAQS have been achieved. Under the CCAA, areas are designated as nonattainment for a pollutant if air quality data shows that a CAAQS for the pollutant was violated at least once during the previous three calendar years. Exceedances that are affected by highly irregular or infrequent events such as wildfires, volcanoes, etc. are not considered violations of a CAAQS, and are not used as a basis for designating areas as nonattainment. The applicable CAAQS are summarized in **Table 4.3-1**.

Regional

South Coast Air Quality Management District ("SCAQMD")

Regionally, air quality is governed by the SCAQMD, the air pollution control agency for Orange County and the urban portions of Los Angeles, Riverside, and San Bernardino Counties. The SCAQMD's primary responsibility is ensuring that California Ambient Air Quality Standards ("CAAQS") and NAAQS are attained and maintained in the South Coast Air Basin ("SoCAB"). The SCAQMD is also responsible for adopting and enforcing rules and regulations concerning air pollutant sources, issuing permits for stationary sources of air pollutants, inspecting stationary sources of air pollutants, responding to citizen complaints, monitoring ambient air quality and meteorological conditions, awarding grants to reduce motor vehicle emissions, conducting public education campaigns, and many other activities.

The SCAQMD is also the lead agency in charge of developing the Air Quality Management Plan ("AQMP"), with input from the Southern California Association of Governments ("SCAG") and the CARB. The AQMP is a comprehensive plan that includes control strategies for stationary and area sources, as well as for some on-road and off-road mobile sources. SCAG is the regional planning agency for Los Angeles, Orange, Ventura, Riverside, San Bernardino, and Imperial Counties and serves as a forum for regional issues relating to transportation, the economy, community development, and the environment. Under federal law, SCAG is designated as a Metropolitan Planning Organization and under State law as a Regional Transportation Planning Agency and a Council of Governments. SCAG has the primary responsibility for providing future growth projections and the development and implementation of transportation control measures. CARB, in coordination with federal agencies, provides the control element for mobile sources.

The 2016 AQMP was adopted by the SCAQMD Governing Board on March 3, 2017. The purpose of the AQMP is to set forth a comprehensive and integrated program that would lead the SoCAB into compliance with the federal 24-hour PM2.5 air quality standard, and to provide an update to the SCAQMD's commitments towards meeting the 8-hour O_3 NAAQS. Specifically, the 2016 AQMP covers the following NAAQS: 1979 1-hour O_3 NAAQS, 1997 8-hour O_3 NAAQS, 2006 24-hour PM2.5 NAAQS, 2008 8-hour O_3 NAAQS, and the 2012 annual PM2.5 NAAQS.

The 2022 AQMP, adopted by the SCAQMD Governing Board on December 2, 2022, was developed to address the requirements for meeting the 2015 8-hour O_3 standard. The 2022 AQMP builds upon measures already in place from previous AQMPs. It also includes a variety of additional strategies such as regulations, accelerated deployment of available cleaner technologies (e.g., zero emissions technologies, when cost-effective and feasible, and low NO_X technologies in other applications), best management practices, co-benefits from existing programs (e.g., climate and energy efficiency), incentives, and other FCAA measures to achieve the 2015 8-hour O_3 standard. An AQMP is a regional and multi-agency effort including the SCAQMD, the CARB, the SCAG, and the U.S. EPA. The 2022 AQMP incorporates the latest scientific and technological information and planning assumptions, including the *2020-2045 Regional Transportation Plan/Sustainable Communities Strategy* ("RTP/SCS"), entitled Connect SoCal 2024 RTP/SCS (referred to as "Connect SoCal") and updated emission inventory methodologies for

various source categories. Connect SoCal was approved by SCAG regional council on April 4, 2024, however CARB must formally approve the plan.

The SCAQMD has published the CEQA Air Quality Handbook (approved by the SCAQMD Governing Board in 1993 and augmented with guidance for Localized Significance Thresholds [LSTs] in 2008). The SCAQMD guidance helps local government agencies and consultants to develop environmental documents required by CEQA and provides identification of suggested thresholds of significance for criteria pollutants for both construction and operation (see discussion of thresholds below). With the help of the CEQA Air Quality Handbook and associated guidance, local land use planners and consultants are able to analyze and document how proposed and existing projects affect air quality in order to meet the requirements of the CEQA review process. The SCAQMD periodically provides supplemental guidance and updates to the handbook on their website.

The SCAG is the regional planning agency for Los Angeles, Orange, Ventura, Riverside, San Bernardino, and Imperial Counties and serves as a forum for regional issues relating to transportation, the economy, community development, and the environment. Under federal law, SCAG is designated as a Metropolitan Planning Organization and under State law as a Regional Transportation Planning Agency and a Council of Governments.

The State and federal attainment status designations for the SoCAB are summarized in **Table 4.3-2: South Coast Air Basin Attainment Status**. The SoCAB is currently designated as a nonattainment area for the O_3, PM10, and PM2.5 CAAQS, as well as the 8-hour O_3 and PM2.5 NAAQS. The SoCAB is designated as attainment or unclassified for the remaining CAAQS and NAAQS.

Table 4.3-2: South Coast Air Basin Attainment Status

Pollutant	State	Federal
Ozone (O_3) (1 Hour Standard)	Non-Attainment	Non-Attainment (Extreme)
Ozone (O_3) (8 Hour Standard)	Non-Attainment	Non-Attainment (Extreme)
Particulate Matter (PM2.5) (24 Hour Standard)	–	Non-Attainment (Serious)
Particulate Matter (PM2.5) (Annual Standard)	Non-Attainment	Non-Attainment (Serious)
Particulate Matter (PM10) (24 Hour Standard)	Non-Attainment	Attainment (Maintenance)
Particulate Matter (PM10) (Annual Standard)	Non-Attainment	–
Carbon Monoxide (CO) (1 Hour Standard)	Attainment	Attainment (Maintenance)
Carbon Monoxide (CO) (8 Hour Standard)	Attainment	Attainment (Maintenance)
Nitrogen Dioxide (NO_2) (1 Hour Standard)	Attainment	Unclassifiable/Attainment
Nitrogen Dioxide (NO_2)	Attainment	Attainment (Maintenance)

Table 4.3-2: South Coast Air Basin Attainment Status		
Pollutant	**State**	**Federal**
(Annual Standard)		
Sulfur Dioxide (SO_2) (1 Hour Standard)	Attainment	Unclassifiable/Attainment
Sulfur Dioxide (SO_2) (24 Hour Standard)	Attainment	–
Lead (Pb) (30 Day Standard)	–	Unclassifiable/Attainment
Lead (Pb) (3 Month Standard)	Attainment	–
Sulfates (SO_{4-2}) (24 Hour Standard)	Attainment	–
Hydrogen Sulfide (H_2S) (1 Hour Standard)	Unclassified	–
Source: SCAQMD, Air Quality Management Plan, 2022; U.S. EPA, Nonattainment Areas for Criteria Pollutants (Green Book), 2022.		

The following is a list of SCAQMD rules that are required of construction activities associated with the Project:

- **Rule 402 (Nuisance)** – This rule prohibits the discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health, or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property. This rule does not apply to odors emanating from agricultural operations necessary for the growing of crops or the raising of fowl or animals.
- **Rule 403 (Fugitive Dust)** – This rule requires fugitive dust sources to implement best available control measures for all sources, and all forms of visible particulate matter are prohibited from crossing any property line. This rule is intended to reduce PM10 emissions from any transportation, handling, construction, or storage activity that has the potential to generate fugitive dust. PM10 suppression techniques are summarized below.

  a) Portions of a construction site to remain inactive longer than a period of three months will be seeded and watered until grass cover is grown or otherwise stabilized.

  b) All on-site roads will be paved as soon as feasible or watered periodically or chemically stabilized.

  c) All material transported off-site will be either sufficiently watered or securely covered to prevent excessive amounts of dust.

  d) The area disturbed by clearing, grading, earthmoving, or excavation operations will be minimized at all times.

  e) Where vehicles leave a construction site and enter adjacent public streets, the streets will be swept daily or washed down at the end of the work day to remove soil tracked onto the paved surface.

- **Rule 1113 (Architectural Coatings)** – This rule requires manufacturers, distributors, and end users of architectural and industrial maintenance coatings to reduce ROG emissions from the use of these coatings, primarily by placing limits on the ROG content of various coating categories.

- **Rule 1401 (New Source Review of Toxic Air Contaminants)** – This rule establishes limits for maximum individual cancer risk (MICR), cancer burden, and noncancer acute and chronic hazard index ("HI") from new permit units, relocations, or modifications to existing permit units which emit applicable toxic air contaminants. DPM is a substance listed in Table 1 of the Rule.[7] Therefore, the requirements to allow the construction and use of the new generators are as follows:

    - **MICR and Cancer Burden:** The cumulative increase in MICR which is the sum of the calculated MICR values for all toxic air contaminants emitted from the new, relocated or modified permit unit will not result in any of the following:

        - an increased MICR greater than one in one million (1.0×10^{-6}) at any receptor location, if the permit unit is constructed without TBACT;

        - an increased MICR greater than ten in one million (10×10^{-6}) at any receptor location, if the permit unit is constructed with T-BACT;

        - a cancer burden greater than 0.5.

    - **Chronic Hazard Index:** The cumulative increase in total chronic HI for any target organ system due to total emissions from the new, relocated or modified permit unit owned or operated by the applicant for which applications were deemed complete on or after the date when the risk value for the compound is finalized by the state Office of Environmental Health Hazard Assessment ("OEHHA") will not exceed 1.0 at any receptor location.

    - **Acute Hazard Index:** The cumulative increase in total acute HI for any target organ system due to total emissions from the new, relocated or modified permit unit owned or operated by the applicant for which applications were deemed complete on or after the date when the risk value for the compound is finalized by OEHHA will not exceed 1.0 at any receptor location.

- **Rule 1402 (Control of Toxic Air Contaminants From Existing Sources)** – This rule reduces the health risk associated with emissions of TACs from existing sources by specifying notification risk levels, action risk levels, and significant risk levels for MICR, cancer burden, and non-cancer acute and chronic HI applicable to total facility emissions. The rule establishes requirements to implement Risk Reduction Plans to achieve specified risk limits, as required by the Hot Spots Act and this rule.

[7] SCAQMD, Rule 1401, page 1401-17, http://www.aqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1401.pdf?sfvrsn=4. Accessed April 22, 2024.

- **Rule 1403 (Asbestos Emissions From Demolition/Renovation Activities)** – This rule applies to owners and operators of any demolition or renovation activity, and the associated disturbance of asbestos-containing material (ACM), any asbestos storage facility, or any active waste disposal site. This rule includes requirements for activities, handling and clean-up procedures, storage, disposal and landfill requirements.
- **Rule 1415 (Reduction of Refrigerant Emissions from Stationary Air Conditioning Systems)** – The purpose of this rule is to reduce emissions of high-global warming potential refrigerants from stationary air conditioning systems by requiring project's to reclaim, recover, or recycle refrigerant and minimize leakage.
- **Rule 1466 (Control Of Particulate Emissions from Soils With Toxic Air Contaminants)** – This rule applies to projects with earth-moving activities of soil with applicable toxic air contaminants ("TACs") that have been identified as contaminants of concern at a site.
- **Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines)** – This rule applies to stationary compression ignition ("CI") engine greater than 50 brake horsepower and sets limits on emissions and operating hours. In general, new stationary emergency standby diesel-fueled engines greater than 50 brake horsepower are not permitted to operate more than 50 hours per year for maintenance and testing.

Local

City of Monterey Park General Plan

The City is responsible for the assessment and mitigation of air emissions resulting from its land use decisions. The City's General Plan has multiple elements that contain the following policies specific to air quality regarding the Project:

Land Use and Urban Design Element

Goal 4: A built environment that is resilient and promotes health and wellness.

Policy 4.5 New Development: Ensure new development is planned in areas that can sustain it long-term considering air quality, health indicators of residents, infrastructure networks and services, and socio-economic factors.

Resources Element

Goal 5: Improve air quality for future generations of Monterey Park residents.

Policy 5.8 Integrate air quality planning with land use and transportation planning.

Environmental Justice Element

Goal 2: Community health and the reduction of exposure to environmental pollutants is

a priority and part of all planning and policy practices.

Policy 2.1 Limit exposure to environmental pollution through good planning and the public process.

Background

SCAQMD Thresholds

Mass Emissions Thresholds

The significance criteria established by SCAQMD may be relied upon to make the above determinations. According to the SCAQMD, an air quality impact is considered significant if a Project would violate an ambient air quality standard, contribute substantially to an existing or projected air quality violation, or expose sensitive receptors to substantial pollutant concentrations. The SCAQMD has established numeric thresholds of significance for air pollutants resulting from construction and operational activities of land use development projects, as shown in **Table 4.3-3: South Coast Air Quality Management District Emissions Thresholds**.

Table 4.3-3: South Coast Air Quality Management District Emissions Thresholds

Criteria Air Pollutants and Precursors (Regional)	Mass Daily Thresholds (pounds per day)	
	Construction	Operations
Reactive Organic Gases (ROG)[1]	75	55
Carbon Monoxide (CO)	550	550
Nitrogen Oxides (NO_X)	100	55
Sulfur Oxides (SO_X)	150	150
Coarse Particulates (PM10)	150	150
Fine Particulates (PM2.5)	55	55

1. VOCs and ROGs are subsets of organic gases that are emitted from the incomplete combustion of hydrocarbons or other carbon-based fuels. Although they represent slightly different subsets of organic gases, they are used interchangeably for the purposes of this analysis.

Source: SCAQMD, SCAQMD Air Quality Significance Thresholds, April 2019.

Localized Carbon Monoxide

In addition to the daily thresholds listed above, development associated with the Project would also be subject to the CAAQS and NAAQS. These are addressed though an analysis of localized CO impacts. The significance of localized impacts depends on whether ambient CO levels near the Project are above CO CAAQS and NAAQS (the more stringent CAAQS are 20 ppm for 1-hour and 9 ppm for 8-hour). The SoCAB has been designated as attainment of the 1-hour and 8-hour CAAQS.

Localized Significance Thresholds

The SCAQMD developed Localized Significance Thresholds ("LST") for emissions of NO_2, CO, PM10, and PM2.5 generated at new development sites (off-site mobile source emissions are not included in the LST analysis). LSTs represent the maximum emissions that can be generated at a project without expecting to cause or substantially contribute to an exceedance of the most stringent state or federal ambient air quality standards. LSTs are based on the ambient

concentrations of that pollutant within the Project source receptor area ("SRA"), as demarcated by the SCAQMD, and the distance to the nearest sensitive receptor. LST analysis for construction is applicable for projects that disturb 5 acres or less on a single day. The City of Monterey Park is located within SCAQMD SRA 11 (South Coastal Los Angeles County). The nearest sensitive receptors are located approximately 65 feet from the Project Site (approximately 20 meters). LST thresholds are provided for source-receptor distances of 25, 50, 100, 200, and 500 meters. According to SCAQMD's *Localized Significance Threshold Methodology*, the closest receptor distance on the mass rate LST look-up tables is 25 meters. It is possible that a project may have receptors closer than 25 meters. Projects with boundaries located closer than 25 meters to the nearest receptor should use the LSTs for receptors located at 25 meters.[8] Therefore, LSTs for 25 meters were utilized in this analysis. LSTs associated with the 25-meter threshold are provided in **Table 4.3-4: Localized Significance Thresholds for Construction/Operations** to demonstrate that the emissions thresholds increase as acreages increase.

Table 4.3-4: Local Significance Thresholds (Construction/Operations)

Project Size	Maximum Pounds per Day							
	Construction				Operations			
	NO_x	CO	PM10	PM2.5	NO_x	CO	PM10	PM2.5
1 Acre	83	673	5	4	83	673	1	1
2 Acres	121	1,031	7	5	121	1,031	2	2
5 Acres	183	1,814	14	9	183	1,814	4	2

Note: Based on a receptor distance of 25 meters in SRA 11.
Source: SCAQMD, Localized Significance Threshold Methodology, July 2008.

Health Risk Analysis Thresholds

Project health risks are determined by examining the types and levels of air toxics generated and the associated impacts on factors that affect air quality. While the final determination of significance thresholds is within the purview of the lead agency pursuant to the CEQA Guidelines, the SCAQMD recommends that the following air pollution thresholds be used by lead agencies in determining whether the impacts from the Project are significant. If the lead agency finds that the Project has the potential to exceed the applicable thresholds, the Project should be considered significant. The thresholds for air toxic emissions are as follows.

- **Cancer Risk (Individual):** Emit contaminants result in a maximum individual incremental cancer risk equal or greater than of 10 in one million.
- **Cancer Burden:** Emit contaminants that exceeds the cancer burden of 0.5 excess cancer cases (in areas that equal or exceed one in one million).
- **Non-Cancer Risk:** Emit contaminants that result in a chronic or acute hazard index (HI) equal to or greater than 1.0.

Cancer risk is expressed in terms of expected incremental incidence per million population. The SCAQMD has established an incidence rate of 10 persons per million as the maximum acceptable incremental increase in cancer risk due to TAC exposure. This threshold is an upper-bound

[8] SCAQMD, Localized Significance Threshold Methodology, July 2008, https://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/final-lst-methodology-document.pdf. Accessed April 22, 2024.

incremental probability to determine whether or not a given project has a potentially significant development-specific and cumulative impact and to ensure an individual new source does not contribute a cumulatively significant impact. The 10 in one million standard is a health-protective significance threshold. A risk level of 10 in one million implies a likelihood that up to 10 persons, out of one million equally exposed people would contract cancer if exposed continuously (24 hours per day) to the levels of toxic air contaminants over a specified duration of time. This risk would be an excess cancer that is in addition to any cancer risk borne by a person not exposed to these air toxics.

Sensitive Receptors

SCAQMD defines sensitive receptors as facilities or land uses that include members of the population that are particularly sensitive to the effects of air pollutants, such as children, the elderly, and the chronically ill are likely to be located. These facilities may include residences, school playgrounds, child-care centers, retirement homes, convalescent homes, and people with illnesses.

Construction TAC and PM Health Risks

TACs are airborne substances that can cause short-term (acute) or long-term (chronic or carcinogenic, i.e., cancer causing) adverse human health effects (i.e., injury or illness). TACs include both organic and inorganic chemical substances. They may be emitted from a variety of common sources including gasoline stations, automobiles, dry cleaners, industrial operations, and painting operations. The current California list of TACs includes more than 200 compounds, including particulate emissions from diesel-fueled engines.

Construction equipment and associated heavy-duty truck traffic generate diesel exhaust, which is a known TAC. Diesel exhaust from construction equipment operating at the site poses a health risk to nearby sensitive receptors.

Under the SCAQMD Air Quality Guidelines, an incremental cancer risk of greater than 10 cases per million for a 70-year exposure duration at the Maximally Exposed Individual (MEI) will result in a significant impact. The 10 in 1 million threshold is based on the latest scientific data, and is designed to protect the most sensitive individuals in the population as each chemical's exposure level includes large margins of safety. In addition to this carcinogen threshold, the California Office of Environmental Health Hazard Assessment (OEHHA) recommends that the non-carcinogenic hazards for TACs at ground level should not exceed a chronic HI of greater than one.

Methodology

The Project's construction and operational emissions were calculated using the California Emissions Estimator Model version 2022.1.1.21 ("CalEEMod"). Details of the modeling assumptions and emission factors are provided in **Appendix A-1**. For construction, CalEEMod calculates emissions from off-road equipment usage and on-road vehicle travel associated with haul, delivery, and construction worker trips. Per the Transportation Analysis prepared for the Project, the Project is anticipated to generate approximately 52 daily vehicle trips. The modeling assumed "general office building" as the land use subtype because it was the most applicable as

data center is not an available subtype in the model. The "general office building" was chosen as a data center has similar building structure to an office building with primarily large open rooms with high ceilings and many individual smaller spaces for tenants. However, the electricity, natural gas, indoor and outdoor water, and daily trips were changed from default to information provided by the Applicant to more accurately represent the Project characteristics and associated air quality emissions. Pursuant to information provided in **Appendix E**, the Peak Power Demand Estimate Memorandum, the Project would require approximately 438 gigawatt hours ("GwH") per year of electricity and approximately 12 million gallons of water for indoor and outdoor water usage. No natural gas is proposed for the building.

Impact Analysis

4.3a Would the project conflict with or obstruct implementation of the applicable air quality plan?

Less Than Significant Impact. As part of its enforcement responsibilities, the U.S. EPA requires that each state with nonattainment areas prepare and submit a SIP that demonstrates the means to attain the federal standards. The SIP must integrate federal, state, and local plan components and regulations to identify specific measures to reduce pollution in nonattainment areas, using a combination of performance standards and market-based programs. Similarly, under State law, the CCAA requires an air quality attainment plan to be prepared for areas designated as nonattainment regarding the NAAQS and CAAQS. Air quality attainment plans outline emissions limits and control measures to achieve and maintain these standards by the earliest practical date.

The Project is located within the SoCAB, which is under the jurisdiction of the SCAQMD. The SCAQMD is required, pursuant to the FCAA, to reduce emissions of criteria pollutants for which the SoCAB is in nonattainment. To reduce such emissions, the SCAQMD adopted the 2016 AQMP and recently approved the 2022 AQMP (collectively, the "AQMPs"). The AQMPs establish a program of rules and regulations directed at reducing air pollutant emissions and achieving California's and national air quality standards. Because CARB approval of the 2022 AQMP may be reached during the expected Project entitlement period, this analysis compares the Project to both of the SCAQMD's AQMPs.

Criteria for determining project consistency with the AQMP are defined by the following indicators:

- **Consistency Criterion No. 1**: The Project will not result in an increase in the frequency or severity of existing air quality violations, or cause or contribute to new violations, or delay the timely attainment of air quality standards or the interim emissions reductions specified in the AQMP.
- **Consistency Criterion No. 2**: The Project will not exceed the assumptions in the AQMP or increments based on the years of the Project build-out phase.

According to the SCAQMD's *CEQA Air Quality Handbook*, the purpose of the consistency finding is to determine if a project is inconsistent with the assumptions and objectives of the regional air

quality plans, and thus if it would interfere with the region's ability to comply with CAAQS and NAAQS.

The violations to which Consistency Criterion No. 1 refers are CAAQS and NAAQS. As discussed in Response 4.3b below, the Project would not exceed construction or operational emissions standards. Therefore, the Project would not contribute to an existing air quality violation, or cause or contribute to new violations, or delay the timely attainment of air quality standards or the interim emissions reductions specified in the AQMP. Thus, the Project is consistent with the first criterion.

Concerning Consistency Criterion No. 2, the AQMPs contains air pollutant reduction strategies based on SCAG's latest growth forecasts, and SCAG's growth forecasts were defined in consultation with local governments and with reference to local general plans. As discussed in the City's General Plan, the Project Site is within the Innovation/Technology land use designation. According to the Land Use and Urban Design Element of the General Plan, the primary uses allowed within this land use designation include research and development, light manufacturing, service commercial, professional offices, entertainment, and breweries/wineries. The Project proposes to develop a data center, which is a permitted use within the Innovation/Technology land use designation. The Project Site is zoned Office Professional (Voter Enacted) (O-P). Pursuant to MPMC Chapter 21.14, O-P – Office Professional Zone (Voter Enacted), the O-P Zone is intended to provide for the development of integrated professional, office and limited retail areas that exhibit a diversity of business activity from both revenue and service quality standpoints, and which are compatible and responsive to abutting land uses, including residential developments. As discussed in **Section 4.11: Land Use and Planning**, below, the Project would be consistent with the zoning for the Project Site, including the land use, FAR, height, and setback requirements, standards, and limits established in the MPMC for the O-P Zone. The Project is consistent with the land use designation and development density presented in the City's General Plan, and therefore would not exceed the population or job growth projections used by the SCAQMD to develop the AQMPs. Thus, the Project is consistent with the second criterion.

Based on these criteria, the Project would not conflict with or obstruct implementation of the AQMPs and impacts would be less than significant.

4.3b Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

Less Than Significant Impact. As shown in **Table 4.3-2** above, the SoCAB is classified as non-attainment of the applicable NAAQS and or CAAQS for O_3 (precursor pollutants ROG and NO_X), PM10, PM2.5, and lead (for the Los Angeles County portion only, and is expected to be redesignated to attainment based on recent monitoring[9]). The SoCAB is classified as attainment, maintenance, or unclassifiable for all other criteria pollutants. Nonetheless, the analysis below discloses emissions and applicable thresholds for O_3 precursors, NO_2, PM10, PM2.5, CO, and SO_2.

[9] SCAQMD, National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS) Attainment Status for South Coast Air Basin, https://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/naaqs-caaqs-feb2016.pdf?sfvrsn=23. Accessed April 21, 2024.

Emissions of lead, hydrogen sulfide, sulfates, and vinyl chloride are not reported, because they would be minimal from the construction and operation of a data center.

Construction

Construction-generated emissions are short term and of temporary duration, lasting only as long as construction activities occur, but would be considered a significant air quality impact if the amount of pollutants generated exceeds the SCAQMD's thresholds of significance. Sources of emissions during construction include site grading, motor vehicle exhaust associated with construction equipment and worker trips, and the movement of construction equipment, especially on unpaved surfaces. Emissions of airborne particulate matter are largely dependent on the amount of ground disturbance associated with site preparation activities as well as weather conditions and the appropriate application of water. Sensitive land uses surrounding the Project Site consist mostly of residential communities located adjacent to the Project Site, including single-family residences to the north and west of the Project Site.

Construction-generated emissions associated with the Project were calculated using the CARB approved CalEEMod, which is designed to model emissions for land use development projects, based on typical construction requirements. See **Appendix A-1** and **Appendix A-2** for more information regarding the construction assumptions used in this analysis. Predicted maximum daily construction-generated emissions for the Project are identified in **Table 4.3-5: Project Construction Emissions**. The modeling emissions include truck idling time and emissions from heavy-duty diesel equipment.

Table 4.3-5: Project Construction Emissions

Calendar Year	Emissions (pounds per day)[1]					
	ROG	NO_X	CO	SO_2	PM10	PM2.5
2025	3.38	52.2	32.4	0.22	9.57	4.02
2026	1.39	11.6	17.9	0.03	1.35	0.69
2027	1.12	6.72	11.3	0.02	1.53	0.49
2027 (Offsite Improvements)[2]	3.88	26.73	27.05	0.10	0.99	0.91
SCAQMD Threshold	75	100	550	150	150	55
SCAQMD Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

1. Emissions were calculated using the CalEEMod version 2022.1.1.22, as recommended by the SCAQMD. Worst-case seasonal maximum daily emissions are reported. See **Appendix A-1** and **Appendix A-2** for model outputs.
2. Offsite improvement emissions were calculated using CalEEMod Appendix G, Table G-12. See **Appendix A-2** for model outputs.

The Project is subject to SCAQMD Rules 402, 403, and 1113, which prohibit nuisances, require dust mitigation, and limit VOC content in paints, respectively. It has been assumed that these rules will be followed using watering the site and low VOC paints during construction. In addition, the Project would follow Rule 1403 to limit asbestos emissions from building demolition. The Project may be required to comply with Rule 1466, *Control of Particulate Emissions from Soils with Toxic Air Contaminants.* The results of the emissions modeling, as summarized on **Table 4.3-5**, show that construction criteria pollutant emissions would remain below the applicable

thresholds, and construction impacts on short-term regional air quality would be less than significant.

Operations

The primary purpose of the data center is to house computer servers for data processing. Operational sources of emissions include mobile sources (i.e., motor vehicle use for employee commuting) and area sources (such as the use of landscape maintenance equipment, consumer products, and architectural coatings). In addition, the proposed Project would include up to 12 4-MW stationary emergency diesel generators that would only be used if there was a loss of grid power; and occasionally for periodic maintenance and testing.

Table 4.3-6: Project Operational Emissions summarizes the operational emissions attributable to the Project.

Table 4.3-6: Project Operational Emissions

Source	Emissions (pounds per day)[1]					
	ROG	NO_X	CO	SO_2	PM10	PM2.5
Area	7.54	0.09	10.5	<0.005	0.02	0.01
Energy[2]	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.18	0.16	1.88	<0.005	0.46	0.12
Total	**7.72**	**0.25**	**12.38**	**0.01**	**0.48**	**0.13**
SCAQMD Threshold	55	55	550	150	150	55
SCAQMD Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

1. Emissions were calculated using the CalEEMod version 2022.1.1.22, as recommended by the SCAQMD. Worst-case seasonal maximum daily emissions are reported.
2. Criteria pollutant emissions from energy sources are calculated in CalEEMod from only natural gas use. The Project would not use natural gas.

As shown in **Table 4.3-6,** the Project's regional operational emissions would not exceed applicable SCAQMD thresholds, and operational impacts on long-term regional air quality would be less than significant.

The loss of electrical power from the grid is a hypothetical scenario. The Project Site is located in close proximity to a major SCE substation and construction activities include the installation of new and reliable power transmission facilities from the existing substation to the Project. In addition, SCE has confirmed sufficient power load and facilities to reliably service the Project. Hence, future power loss scenarios that could trigger the need for temporary use of the back-up generators are speculative, and therefore do not require further analysis herein.

Furthermore, the periodic testing and maintenance of the generators would be limited under the terms of SCAQMD operating permits to be obtained by the Applicant. Thus, the temporary emissions from the generators during testing and maintenance would be regulated by SCAQMD to ensure adherence to applicable thresholds and permit limits set by the regulating agency. As part of the regulatory compliance process, the Applicant will obtain Permits to Operate (PTO) from the SCAQMD before installation or operation of the emergency generators, which verifies that the generators meet the applicable Best Available Control Technology (BACT) requirements and comply with SCAQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal

Combustion and Other Compression Ignition Engines) and Rule 1401 (New Source Review of Toxic Air Contaminants). Thus, the facility would not result in a violation of the ambient air standards or result in exposure to TAC emissions in excess of thresholds.

Overall, during construction and operation, the Project would not result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard.

4.3c Would the project expose sensitive receptors to substantial pollutant concentrations?

Less Than Significant Impact.

Localized Construction Significance Analysis

The nearest sensitive receptors to the Project Site are multi-family residences located approximately 65 feet (approximately 20 meters) northwest of the Project Site. To assess potential impacts to nearby sensitive receptors, the SCAQMD established Localized Significance Thresholds (LSTs). LSTs were developed in response to SCAQMD Governing Boards' Environmental Justice Enhancement Initiative (I-4). The SCAQMD provided the *Final Localized Significance Threshold Methodology* (dated June 2003 [revised 2008]) to assist lead agencies in analyzing project-specific localized impacts. The SCAQMD established LSTs for certain pollutants with localized effects, specifically NO_X, CO, PM10, and PM2.5.

Since CalEEMod calculates construction emissions based on the number of equipment hours and the maximum daily soil disturbance activity possible for each piece of equipment, **Table 4.3-7: Equipment-Specific Grading Rates** is used to determine the maximum daily disturbed acreage for comparison to LSTs. A conversion from equipment number to the maximum daily disturbed acreage is calculated. The appropriate source receptor area (SRA) for the localized significance thresholds is the South San Gabriel Valley (SRA 11) area since this area includes the Project site. LSTs apply to CO, NO_2, PM10, and PM2.5. The SCAQMD produced look-up tables for projects that disturb areas less than or equal to 5 acres in size. Project construction is anticipated to disturb approximately 2.5 acres in a single day. As the LST guidance provides thresholds for projects disturbing 1-, 2-, and 5-acres in size and the thresholds increase with the size of the site, the LSTs for a 2.5-acre threshold were utilized for this analysis.

Table 4.3-7: Equipment-Specific Grading Rates

Construction Phase	Equipment Type	Equipment Quantity	Acres Graded per 8-Hour Day	Operating Hours per Day	Acres Graded per Day
Grading	Tractor	3	0.5	8	1.5
	Graders	1	0.5	8	0.5
	Dozers	1	0.5	8	0.5
Total Acres Graded Per Day					**2.5**

Source: CalEEMod version 2022.1.1.22.

As stated in the SCAQMD's *Finalized Localized Significance Threshold Methodology,* "off-site mobile emissions from the Project should not be included in the emissions compared to LSTs."

Therefore, for purposes of the construction LST analysis, only emissions included in the CalEEMod "on-site" emissions outputs were considered. The nearest sensitive receptors are the residences located approximately 65 feet (approximately 20 meters) northwest to the north of the Project site. LST thresholds are provided for distances to sensitive receptors of 25, 50, 100, 200, and 500 meters. Therefore, LSTs for 25 meters were utilized in this analysis. As discussed in Background on LST above, the closest receptor distance on the mass rate LST look-up tables is 25 meters. It is possible that a project may have receptors closer than 25 meters. Projects with boundaries located closer than 25 meters to the nearest receptor should use the LSTs for receptors located at 25 meters.[10] **Table 4.3-8: Localized Significance of Construction Emissions**, shows the results of localized emissions during construction activity. This table represents the worse-case scenario and are based on peak earthwork volumes anticipated. As shown in **Table 4.3-8,** localized Project construction emissions would not exceed SCAQMD thresholds, and impacts would be less than significant.

Table 4.3-8: Localized Significance of Construction Emissions

Source/Activity	Emissions (pounds per day)[1]			
	NO_X	CO	PM10	PM2.5
Construction Emissions[2]				
Phase 1 – Demolition (2025)	22.2	19.9	3.9	1.3
Phase 1 – Site Preparation (2025)	31.6	30.2	6.5	3.9
Phase 1 – Grading (2025)	16.3	17.9	2.6	1.6
Phase 1 – Building Construction and Utilities (2026)	9.85	13.0	0.38	0.35
Phase 1 – Paving (2026)	7.12	9.94	0.32	0.29
Phase 2 – Interior Construction (2026)	5.27	6.78	0.19	0.18
Phase 2 – Interior Construction (2027)	5.03	6.75	0.17	0.15
Phase 2 – Architectural Coating (2027)	0.83	1.13	0.02	0.02
Maximum Daily Emissions	*31.6*	*30.2*	*6.5*	*3.9*
SCAQMD Localized Screening Threshold (2.5 acres of disturbance at 25 meters)	131	1,162	8	6
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**

1. Maximum emissions may not add up exactly due rounding in the modeling calculations. Detailed emissions calculations are provided in **Appendix A-1**.
2. SCAQMD Rule 403 Fugitive Dust applied for construction emissions. The Rule 403 reduction/credits include the following: properly maintain mobile and other construction equipment; replace ground cover in disturbed areas quickly; water exposed surfaces three times daily; water all haul roads three times daily; and limit speeds on unpaved roads to 15 miles per hour. Reductions percentages from the SCAQMD CEQA Handbook (Tables XI-A through XI-E) were applied. No mitigation was applied to construction equipment.

Source: CalEEMod version 2022.1.1.22. Refer to **Appendix A-1** for model outputs.

Localized Operational Impacts

According to the SCAQMD localized significance threshold methodology, operational LSTs apply to on-site sources. LSTs for receptors located at approximately 25 meters for SRA 11 were utilized

[10] SCAQMD, Localized Significance Threshold Methodology, July 2008, https://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/final-lst-methodology-document.pdf. Accessed April 22, 2024.

in this analysis. Although the Project Site is 15.8 acres, the 5-acre LST threshold was conservatively used because a smaller size LST threshold is more conservative. Therefore, the 5-acre LSTs is a conservative evaluation of a 15.8 acre site.

The on-site operational emissions were calculated using CalEEMod and are compared to the LSTs in **Table 4.3-9: Localized Significance of Operational Emissions**. The operational emissions shown in **Table 4.3-9** include on-site Project-related sources as discussed above. As shown in **Table 4.3-9**, the Project would not generate localized emissions during Project operations. Therefore, the Project would result in a less than significant impact concerning LSTs during operational activities.

Table 4.3-9: Localized Significance of Operational Emissions

Source/Activity	Emissions (pounds per day)[1]			
	NO_X	CO	PM10	PM2.5
Operational Emissions				
On-Site Emissions (Area + Energy Sources)	7.54	10.5	0.02	0.01
SCAQMD Localized Screening Threshold (5-acre site at 25 meters)	131	1,162	2	2
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**

1. Emissions were calculated using the California Emissions Estimator Model version 2022.1.1.20 (CalEEMod), as recommended by the SCAQMD. Worst-case seasonal maximum daily emissions are reported.

Source: CalEEMod version 2022.1.1.22. Refer to **Appendix A-1** for model outputs.

Criteria Pollutant Health Impacts

On December 24, 2018, the California Supreme Court issued an opinion identifying the need to provide sufficient information connecting a project's air emissions to health impacts or explain why such information could not be ascertained (*Sierra Club v. County of Fresno* [Friant Ranch, L.P.] [2018] Cal.5th, Case No. S219783).

The Project would generate certain air pollutants during construction and operation. The criteria pollutants would include ROG/VOC, NO_X, CO, SO_2, PM10, and PM2.5 that can have adverse impacts on human health at certain levels of exposure. Here, the Project does not result in any significant air quality impacts, or create levels of exposure that would have significant effects on human health. All impacts are less than significant based on quantitative air quality modeling. Moreover, the state of environmental science modeling at this time is not capable of identifying precisely how pollutant concentrations from individual projects correlate directly or indirectly to the level of human health impacts.[11] It should also be noted that the Project emissions are well below the applicable air emission thresholds of significance, which are created by the air districts, in part, to evaluate the potential impacts of criteria pollutants on human health.

The SCAQMD has set its CEQA significance thresholds based on the FCAA, which defines a major stationary source (in extreme ozone nonattainment areas such as the SoCAB) as emitting 10 tons per year. The thresholds correlate with the trigger levels for the federal New Source Review (NSR)

[11] Air Quality and Health Effects, Sierra Club v County of Fresno, White Paper, October 2019.

Program and SCAQMD Rule 1303 for new or modified sources. The NSR Program[12] was created by the FCAA to ensure that stationary sources of air pollution are constructed or modified in a manner that is consistent with attainment of health-based NAAQS. The NAAQS establish the levels of air quality necessary, with an adequate margin of safety, to protect the public health. Therefore, projects that do not exceed the SCAQMD's LSTs and mass emissions thresholds would not violate any air quality standards or contribute substantially to an existing or projected air quality violation and no criteria pollutant health impacts.

As previously discussed, localized effects of on-site Project emissions on nearby receptors were found to be less than significant (refer to **Table 4.3-8** and **Table 4.3-9**). The LSTs represent the maximum emissions from a project that are not expected to cause or contribute to an exceedance of the most stringent applicable State or federal ambient air quality standard. The LSTs were developed by the SCAQMD based on the ambient concentrations of that pollutant for each SRA and distance to the nearest sensitive receptor. The CAAQS and NAAQS establish the levels of air quality necessary, with an adequate margin of safety, to protect public health, including protecting the health of sensitive populations. Information on health impacts related to exposure to ozone and particulate matter emissions published by the U.S. EPA and CARB have been summarized above and discussed in the Regulatory Setting section. As shown above, Project-related emissions would not exceed the regional thresholds or the LSTs, and therefore would not exceed the CAAQS or NAAQS or cause an increase in the frequency or severity of existing violations of air quality standards. Therefore, sensitive receptors would not be exposed to criteria pollutant levels in excess of the health-based CAAQS or NAAQS.

Carbon Monoxide Hotspots

An analysis of CO "hot spots" is needed to determine whether the change in the level of service of an intersection resulting from the Project would have the potential to result in exceedances of the CAAQS or NAAQS. It has long been recognized that CO exceedances are caused by vehicular emissions, primarily when vehicles are idling at intersections. Vehicle emissions standards have become increasingly stringent in the last 20 years. Currently, the CO standard in California is a maximum of 3.4 grams per mile for passenger cars (requirements for certain vehicles are more stringent). With the turnover of older vehicles, introduction of cleaner fuels, and implementation of control technology on industrial facilities, CO concentrations have steadily declined. Accordingly, with the steadily decreasing CO emissions from vehicles, even very busy intersections do not result in exceedances of the CO standard.

The SoCAB was re-designated as attainment in 2007 and is no longer addressed in the SCAQMD's AQMP. The 2003 AQMP is the most recent version that addresses CO concentrations. As part of the SCAQMD *CO Hotspot Analysis*, the Wilshire Boulevard/Veteran Avenue intersection, one of the most congested intersections in Southern California with an average daily traffic ("ADT") volume of approximately 100,000 vehicles per day, was modeled for CO concentrations. This modeling effort identified a CO concentration high of 4.6 ppm, which is well below the 35-ppm Federal standard. The Project considered herein would not produce the volume of traffic

[12] Code of Federal Regulation (CFR) [i.e., PSD (40 CFR 52.21, 40 CFR 51.166, 40 CFR 51.165 (b)), Non-attainment NSR (40 CFR 52.24, 40 CFR 51.165, 40 CFR part 51, Appendix S).

required to generate a CO hot spot in the context of SCAQMD's *CO Hotspot Analysis*. As the CO hotspots were not experienced at the Wilshire Boulevard/Veteran Avenue intersection even as it accommodates 100,000 vehicles daily, it can be reasonably inferred that CO hotspots would not be experienced at any vicinity intersections as the Project would result in 52 daily trips.[13] Therefore, impacts would be less than significant.

Carcinogenic Risk

Construction-related activities would result in Project-generated emissions of diesel particulate matter ("DPM") from the exhaust of off-road, heavy-duty diesel equipment for site preparation (e.g., clearing, grading); paving; application of architectural coatings; on-road truck travel; and other miscellaneous activities. For construction activity, DPM from the exhaust of off-road, heavy-duty diesel equipment is the primary toxic air contaminant of concern. On-road diesel-powered haul trucks traveling to and from the construction area to deliver materials and equipment are less of a concern because they would not stay on the site for long durations. As such, the diesel exhaust from construction equipment operating at the site could potentially pose a health risk to nearby sensitive receptors.

Table 4.3-10: Construction Carcinogenic Risk Assessment shows the health risk for the construction of the Project. The analysis calculates risk based on exposure to construction concentrations during the entire two years of construction.

Table 4.3-10: Construction Carcinogenic Risk Assessment

Exposure Scenario	Cancer Risk (Risk per Million)[1]	Significance Threshold (Risk per Million)	Exceeds Significance Threshold?
Residential Receptors	2.49	10	No
Worker Receptor	0.11	10	No

1. The reported annual pollutant concentration is at the closest maximally exposed individual resident (MEIR) to the Project Site.

Source: Refer to **Appendix B**.

As shown in **Table 4.3-10**, the construction risk at the residential and worker receptors would be 2.49 in one million and 0.11 in one million, respectively. The incremental cancer risk would be less than those levels for receptors at distances further from the site. As such, the maximum cancer risk would be far below the SCAQMD threshold of 10 per million, and impacts associated with carcinogenic risk would therefore be less than significant.

Table 4.3-11: Population Construction Cancer Burden shows the population cancer burden for the construction of the Project.

Table 4.3-11: Population Construction Cancer Burden

Burden	Significance Threshold	Exceeds Significance Threshold?
0.0002	0.5	No

Source: Refer to **Appendix B**.

[13] Kimley-Horn and Associates, Inc., Transportation Analysis and Vehicle Miles Traveled Screening, April 5, 2024.

According to OEHHA, cancer burden, defined as the number of increased cancer cases expected in a population of one million, is used to assess public health impacts on a larger scale. Emissions of Project-generated DPM disperses, and concentration dissipates, rapidly with distance from the Project Site boundary. The residential receptors in Figure 1 of **Appendix B** are closest to the Project Site and would be the maximum receptor locations during construction.

In addition, Figure 2 of **Appendix B** provides a zone of impact screening isopleth that illustrates where total excess lifetime cancer risk exposure could be greater than 1 in 1,000,000, which is the screening criteria per OEHHA and SCAQMD for further analysis of the total cancer burden.

To be clear, this isopleth is highly conservative because it identifies the zone of potential impact over a 70-year lifetime exposure, and the Project construction duration is only approximately two years. Nonetheless, this report quantitatively analyzed the cancer burden within the zone of impact. As shown in Figure 2, the cancer burden for all receptors within the isopleth outline is well below the applicable SCAQMD threshold.

Quantitatively, the total cancer burden is the product of the number of persons in a residential population area and the estimated individual risk. As shown in Table 4.3-11, total cancer burden would be 0.0002, which is far below the SCAQMD's 0.5 cancer burden threshold. In addition, this modeled exposure scenario is temporary and ceases upon construction completion. Therefore, community-wide exposure to TACs from the Project would not result in a cancer burden of 0.5 or greater, and impacts would be less than significant.

Accordingly, the Project would not expose sensitive receptors to substantial pollutant concentrations.

Non-Carcinogenic Hazard

The significance thresholds for TAC exposure also require an evaluation of non-cancer risk stated in terms of a hazard index. Non-cancer chronic impacts are calculated by dividing the annual average concentration by the REL for that substance. The REL is defined as the concentration at which no adverse non-cancer health effects are anticipated. RELs are designed to protect sensitive individuals within the population. According to OEHHA, the REL for DPM is 5 and the target organ is the respiratory system.[14]

Chronic non-carcinogenic impacts are shown in **Table 4.3-12: Construction Chronic Hazard Assessment**. A chronic HI of 1.0 is considered individually significant. The hazard index is calculated by dividing the chronic exposure by the reference exposure level. The chronic hazard was calculated based on the highest annual average concentration at the maximally exposed individual receptor. It should be noted that there is no acute REL for DPM and acute health risk cannot be calculated. The highest maximum chronic hazard index associated with DPM emissions from Project construction would be 0.0030 and 0.0021 at the residential and worker receptors,

[14] California Office of Environmental Health Hazard Assessment, OEHHA Acute, 8-hour and Chronic Reference Exposure Level (REL) Summary, https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary. Accessed March 26, 2024.

respectively. Therefore, construction non-carcinogenic hazard would be far below, and not exceed the acceptable limits of 1.0 and impacts would be considered less than significant.

Table 4.3-12: Construction Chronic Hazard Assessment

Exposure Scenario	Annual Concentration (µg/m^3)[1]	Chronic Hazard
Residential Receptors	0.0150	0.0030
Worker Receptors	0.0150	0.0021
SCAQMD Threshold	*N/A*	*1.0*
Threshold Exceeded?	**N/A**	**No**

1. The reported pollutant concentration is at the closest receptor (maximally exposed individual receptor).
Source: Refer to **Appendix B**.

Operational Health Risk Analysis

Operational emissions from the Project would result from mobile sources (i.e., motor vehicle use) and area sources (such as the use of landscape maintenance equipment, consumer products, and architectural coatings). As discussed in the Air Quality Assessment (**Appendix A-1**), the majority of these emissions would be generated by diesel and gasoline-powered vehicle travel occurring off-site from light-duty vehicles trips by staff to and from the Project site. Light duty vehicles are not substantial sources of TAC emissions (e.g., DPM), which are primarily associated with diesel fueled vehicles.

The Project would include up to 12 4-MW stationary emergency diesel generators, which would only be used upon hypothetical loss of grid power, and for periodic maintenance and testing, which is regulated by the SCAQMD permit process. As discussed above, as part of the regulatory compliance process, the Applicant will obtain PTO from the SCAQMD before installation or operation of the emergency generators, which verifies that the generators meet the applicable BACT requirements and comply with SCAQMD Rule 1470 and Rule 1401, which would minimize TAC emissions. An operational health risk analysis would be required to comply with SCAQMD's Rule 1401 permit requirements. Before the generators can operate, DPM emissions and cancer risk associated with the proposed diesel generators would be regulated by the SCAQMD permit process to ensure that associated emission levels remain less than significant.

4.3d Would the project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Less Than Significant Impact.

Construction

Odors that could be generated by construction activities are required to follow SCAQMD Rule 402 to prevent odor nuisances on sensitive land uses. SCAQMD Rule 402, Nuisance, states:

> *A person shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort,*

repose, health or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property.

Odors may be generated during construction activities such as, equipment diesel exhaust, architectural coatings volatile organic compounds, and paving activities. However, these odors would be temporary, are not expected to affect a substantial number of people and would disperse rapidly. Therefore, impacts related to odors associated with the Project's construction-related activities would be less than significant.

Operations

The SCAQMD CEQA Air Quality Handbook identifies certain land uses as sources of odors. These land uses include agriculture (farming and livestock), wastewater treatment plants, food processing plants, chemical plants, composting facilities, refineries, landfills, dairies, and fiberglass molding. The Project would not include any of the land uses that have been identified by the SCAQMD as odor sources. Therefore, the Project would not create objectionable odors and no impact would occur.

4.4 Biological Resources

This Section is based on the *Tree Evaluation Report* (Arborgate Consulting, Inc., July 2024), which is included as **Appendix C: Tree Evaluation Report**.

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?			X	
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?				X
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				X
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?			X	
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?			X	
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?				X

Impact Analysis

4.4a Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

Less Than Significant Impact. The Project Site is occupied by an existing commercial office building, associated utility building, and associated surface parking lot. The Project Site contains

ornamental landscaping, including several mature ornamental trees. The Project Site is in an urbanized area of the City and is surrounded by office, residential, and utility uses.

A review of the California Department of Fish and Wildlife ("CDFW") California Natural Biodiversity Database ("CNDDB") QuickView Tool found 14 threatened or endangered wildlife species in the El Monte Quadrangle, which is the Project Site's quadrangle.[15] The 14 species include the following:

Birds

- Swainson's Hawk (*Buteo swainsoni*)
- Western Yellow-billed Cuckoo (*Coccyzus americanus occidentalis*)
- Bank Swallow (*Riparia riparia*)
- Light-footed Ridgways Rail (*Rallus obsoletus levipes*)
- Willow Flycatcher (*Empidonax traillii*)
- Southwestern Willow Flycatcher (*Empidonax traillii extimus*)
- Least Bells Vireo (*Vireo bellii pusillus*)
- Coastal California Gnatcatcher (*Polioptila californica californica*)

Amphibians

- Western Spadefoot (*Spea hammondii*)

Insects

- Crotchs Bumble Bee (*Bombus crotchii*)

Fish

- Santa Ana Sucker (*Catostomus santaanae*)

Reptiles

- Western Pond Turtle (*Emys marmorata*)

Plants - Vascular

- Nevins Barberry (*Berberis nevinii*)
- Slender-horned Spineflower (*Dodecahema leptoceras*)

There is currently no native habitat within or near the Project Site to support the listed species above. The Project Site is either out of range for these species or would not provide suitable habitat due to its highly disturbed nature and the fact that the Project Site is located in a highly urbanized area. Additionally, no natural biological resources or communities are present within, adjacent to, or in the vicinity of the Project Site.

Furthermore, according to the Tree Evaluation Report prepared for the Project, 337 trees are currently located on-site. However, none of these tree species are rare or endangered, and only

[15] California Department of Fish and Wildlife (CDFW), California Natural Biodiversity Database QuickView Tool, 2023, https://apps.wildlife.ca.gov/bios6/?tool=cnddbqv. Accessed March 26, 2024.

one of the tree species (California sycamore, *Platanus racemosa*) is native or naturally occurring in California. None of the trees are naturally occurring on the Project Site.[16]

Therefore, the Project would not result in a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations. A less than significant impact would occur.

4.4b Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

4.4c Would the project have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

No Impact. According to the United States Fish and Wildlife Service ("USFWS") National Wetlands Inventory, no riparian habitats or wetlands are present on or adjacent to the Project Site.[17] The nearest identified wetland is a freshwater pond located approximately one mile southwest of the Project Site in the City of Montebello. Therefore, the Project would not have an adverse effect on riparian habitat or other sensitive natural community or on state or federally protected wetlands. No impact would occur in this regard.

4.4d Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

Less Than Significant Impact. The Project Site is fully developed, surrounded by urban development, and is not part of an established wildlife corridor. Project development would occur within the Project Site and would not impact the movement of any native wildlife species.

The Project site contains ornamental landscaping and trees along the perimeter of the Project Site and throughout the parking lot. It is unlikely that the smaller trees, grasses, and shrubs on-site would provide suitable habitat for any native resident or wildlife species. However, the existing mature trees may provide habitat for nesting birds. Most bird nests and eggs are protected under the California Fish and Game Code ("CFGC") Section 3503 and the Migratory Bird Treaty Act ("MBTA"). Project construction activities and tree maintenance activities should occur outside of the general avian breeding season of February 1st to through August 31st to the extent feasible. If Project-related construction, demolition, and tree maintenance activities cannot occur outside of the general avian breeding season (February 1st to through August 31st), a pre-activity nesting bird survey will be conducted before the onset of the aforementioned activities, within a maximum of 14 days before commencement. The survey will be conducted by a qualified biologist as determined by the City. The survey will be conducted within all suitable nesting habitat located within the area of activity, which includes a 250-foot survey buffer around

[16] Arborgate Consulting, Inc, Tree Evaluation Report, 2024.
[17] United States Fish and Wildlife Service, National Wetlands Inventory, 2021, https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/. Accessed on February 7, 2024.

the Project Site to account for all potentially nesting birds on and in the immediate vicinity. If no nesting birds are found, the Project-related activities may commence without potential impacts to nesting birds. Therefore, with compliance with CGFC Section 3503 and the MBTA, the Project would have a less than significant impact on the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites.

4.4e Would the project conflict with local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

Less Than Significant Impact. As discussed in the Tree Evaluation, permission to remove or prune trees along Saturn Street must be obtained, if needed, by the City. Provisions for the removal and planting of trees and landscaping in public property is addressed in MPMC section 9.63.060, Tree Removal Permit, which requires that persons desiring to remove trees from public property abutting property they own or occupy apply for a tree removal permit. MPMC Section 9.63.050, Permit, also requires a permit for the planting of any trees in any portion of a public street or within five feet of any curb or sidewalk.

The City does not regulate the preservation of trees on private property. A number of existing trees will be removed to accommodate the Project. For instance, most of the carrotwood trees on-site within the existing parking lot would be removed to accommodate the proposed data center building. However, most of the existing trees on-site are in declining health due to several years of hard low-bid pruning, poor soil compaction and turf management, and/or lack of root space. Therefore, a number of trees will also be removed due to poor health and structure. Other trees in poor health would be replaced, maintained and properly pruned, or further analyzed in a risk assessment.

Pursuant to the pertinent regulations as described above, the Project would be required to apply for tree removal and planting permits for the removal and planting of street trees, specifically. Upon the City's approval of and implementation of the tree removal and planting permits for street trees, the Project would not conflict with local policies or ordinances protecting biological resources, and impacts would be less than significant.

4.4f Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

No Impact. No portions of the City are located within the boundaries of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or State habitat conservation plan.[18] [19] Therefore, the Project would not result in conflicts with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan, and no impact would occur.

[18] CDFW, NCCP Plan Summaries, 2023, https://wildlife.ca.gov/conservation/planning/nccp/plans. Accessed February 7, 2024.
[19] Data Basin, Habitat Conservation Plan (HCP), California, https://databasin.org/maps/new/#datasets=c116dd0d32df408cb44ece185d98731c. Accessed February 7, 2024.

4.5 Cultural Resources

This Section is based on the *Cultural Resources Assessment* (CRA) (BCR Consulting, LLC, July 2024), and Assembly Bill 52 Communications, which are included as **Appendix D Cultural Resources Assessment** and **Appendix L: Assembly Bill 52 Communications**, respectively.

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?				X
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?		X		
c) Disturb any human remains, including those interred outside of dedicated cemeteries?			X	

Impact Analysis

4.5a Would the project cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?

No Impact. CEQA Guidelines Section 15064.5(a) generally defines a historic resource as a resource that is: (1) listed in, or eligible for listing in the California Register of Historic Resources (California Register); (2) listed in a local register of historical resources (as defined in Section 5020.1(k) of the PRC); (3) identified as significant in a historical resources survey meeting the criteria in Section 5024.1(g) of the PRC; and/or (4) determined to be a historical resource by a project's lead agency. Additionally, any object, building, structure, site, area, place, record, or manuscript which a Lead Agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California may be considered a historical resource, provided the Lead Agency's determination is supported by substantial evidence in light of the whole record. Generally, a resource is considered by the Lead Agency to be historically significant if the resource meets the criteria for listing on the California Register.

The Project Site is currently developed with an existing commercial office building, utility building, parking lot, and ornamental trees and landscaping. The State-recommended threshold under which buildings may be considered historic resources is a construction age of 50 years. In order that the CRA's evaluation remain valid for a minimum of five years after the date of the CRA, all resources older than 45 years (i.e., resources from the historic period) were evaluated for listing eligibility in the California Register, or CEQA significance.[20]

[20] BCR Consulting, LLC, Cultural Resources Assessment, 2024.

The existing commercial office building was originally constructed in 1979 for use as a corporate office. While the building is historic in age, research failed to associate it with important events related to the development of the area (California Register Criterion 1); failed to associate it with the lives of any persons important to local, California, or U.S. History (California Register Criterion 2); is not distinctive from other office buildings of that era and does not embody any distinctive characteristics, nor does it represent the work of an important creative individual or possess high artistic values (California Register Criterion 3); and has not and is not likely to yield information important to prehistory or history (California Register Criterion 4). Therefore, the Project Site and its historic-period buildings are not eligible under any of the four criteria for listing on the California Register of Historical Resources, and as such are not recommended historical resources under CEQA. There are no other historical resources or resources with the potential for historical significance on-site. Therefore, the Project would not cause a substantial adverse change in the significance of a historical resource, and no impact would occur.

4.5b Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?

Less Than Significant Impact with Mitigation Incorporated. The cultural resources records search conducted for the CRA at the South Central Costal Information Center ("SCCIC") identified 12 cultural resources studies that have previously taken place within a 0.5-mile radius of the Project Site, with one study assessing the Project Site. That study resulted in no cultural resources having been recorded within its boundaries.

An on-site pedestrian survey conducted in February 2024 did not identify artifacts or potential for significant buried remains. No other cultural resources (including prehistoric or historic archaeological or historic architectural resources) were identified during the field survey. Disturbances associated with previous excavation and construction of the existing commercial office building at the Project Site have been severe and have disrupted soil beyond depths at which buried cultural resources are likely. Therefore, the potential to encounter in-situ remains associated with significant archaeological materials during Project activities is low. Nevertheless, ground-disturbing activities have the potential to reveal buried deposits not observed on the surface during previous surveys. To mitigate such impacts, the Project would be required to implement **Mitigation Measure (MM) CUL-1**, which sets forth procedures for inadvertent discovery of archaeological resources. Implementation of **MM CUL-1** would reduce Project impacts to archaeological resources to a less than significant level.

4.5c Would the project disturb any human remains, including those interred outside of dedicated cemeteries?

Less Than Significant Impact. Given the Project Site has been subject to extensive disruption, the potential to disturb or impact any human remains is unlikely. However, there is always a possibility that that human remains could be interred beneath the Project Site. If human remains were found, those remains would require proper treatment in accordance with applicable laws. PRC Section 5097, et seq., and California State Health and Safety Code ("HSC") Sections 7050.5-7055 describe the general provisions regarding human remains, including the requirements if any human remains are accidentally discovered during excavation of a site. The requirements and

procedures set forth in PRC Section 5097.98 would be implemented if human remains are discovered, including notification of the County Coroner, notification of the NAHC if the remains are determined to be prehistoric, and consultation with the individual identified by the NAHC to be the "most likely descendant." If human remains are found during excavation, the Project will comply with California State HSC Section 7050.5 in which excavation must stop within 50 feet of the discovery until the County Coroner has made a determination of origin and disposition of the remains pursuant to PRC Section 5097.98 and appropriate recommendations have been made for the treatment and disposition of the remains. Compliance with the established regulatory framework would ensure the proper treatment of human remains should they be encountered. Therefore, the Project would result in less than significant impact concerning the potential to disturb any human remains.

Mitigation Measures

MM CUL-1 In the event that archaeological resources are unexpectedly encountered during ground-disturbing activities, work within 50 feet of the find must halt and an archaeologist meeting the Secretary of the Interior's Professional Qualifications Standards for archaeology (National Park Service 1983) ("qualified archaeologist") must be contacted immediately to evaluate the resource. If the resource is determined by the qualified archaeologist to be prehistoric, a Native American representative must also be contacted to participate in the evaluation of the resource. If the qualified archaeologist and/or Native American representative determines it to be appropriate, archaeological testing for CRHR eligibility must be completed. If the resource proves to be eligible for the CRHR and significant impacts to the resource cannot be avoided via Project redesign, a qualified archaeologist will prepare a data recovery plan tailored to the physical nature and characteristics of the resource, per the requirements of the California Code of Regulations (CCR) Guidelines Section 15126.4(b)(3)(C). The data recovery plan will identify data recovery excavation methods, measurable objectives, and data thresholds to reduce any significant impacts to cultural resources related to the resource. Pursuant to the data recovery plan, the qualified archaeologist and Native American representative, as appropriate, must recover and document the scientifically consequential information that justifies the resource's significance. The City will review and approve the treatment plan and archaeological testing as appropriate, and the resulting documentation must be submitted to the regional repository of the California Historical Resources Information System, per CEQA Guidelines Section 15126.4(b)(3)(C).

4.6 Energy

This Section is based on the Energy Calculations, which are included in **Appendix A-2: Offsite Improvements for Southern California Edison Service** and **Appendix E: Energy Calculations**.

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?			X	
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?			X	

Regulatory Setting

State

California's Energy Efficiency Standards for Residential and Non-Residential Buildings (Title 24)

Energy conservation standards for new residential and nonresidential buildings were adopted by the California Energy Resources Conservation and Development Commission (now the California Energy Commission ("CEC")) in June 1977 and are updated every three years (CCR Title 24, Part 6). Title 24 requires the design of building shells and building components to conserve energy. The standards are updated periodically to allow for consideration and possible incorporation of new energy efficiency technologies and methods.

On August 11, 2021, the CEC adopted the 2022 Energy Code. In December, it was approved by the California Building Standards Commission for inclusion into the California Building Standards Code. Among other updates like strengthened ventilation standards for gas cooking appliances, the 2022 Energy Code includes updated standards in three major areas:

- New electric heat pump requirements for residential uses, schools, offices, banks, libraries, retail, and grocery stores.
- The promotion of electric-ready requirements for new homes including the addition of circuitry for electric appliances, battery storage panels, and dedicated infrastructure to allow for the conversion from natural gas to electricity.
- The expansion of solar photovoltaic and battery storage standards to additional land uses including high-rise multifamily residences, hotels and motels, tenant spaces, offices, (including medical offices and clinics), retail and grocery stores, restaurants, schools, and civic uses (including theaters auditoriums, and convention centers).

The California Green Building Standards Code (California Code of Regulations, Title 24, Part 11), commonly referred to as the CALGreen Code, is a Statewide mandatory construction code that was developed and adopted by the California Building Standards Commission and the California

Department of Housing and Community Development. CALGreen standards require new residential and commercial buildings to comply with mandatory measures under five topical areas: planning and design; energy efficiency; water efficiency and conservation; material conservation and resource efficiency; and environmental quality. CALGreen also provides voluntary measures (CALGreen Tier 1 and Tier 2) that local governments may adopt which encourage or require additional measures in the five green building topics. The most recent update to the CALGreen Code was adopted in 2022 and went into effect January 1, 2023. Projects whose permit applications are applied for on or after January 1, 2023, must comply with the 2022 Energy Code.[21]

Renewable Portfolio Standard

In 2002, California established its Renewable Portfolio Standard (RPS) program[22] with the goal of increasing the annual percentage of renewable energy in the State's electricity mix by the equivalent of at least 1 percent of sales, with an aggregate total of 20 percent by 2017. Since then various pieces of legislation have provided further goals. Signed in 2018, SB 100 revised the program's goal to achieve the 50 percent renewable resources target by December 31, 2026, and a 60 percent renewable resources target by December 31, 2030. SB 100 also established a further goal to have an electric grid that is entirely powered by clean energy by 2045. Under the bill, the State cannot increase carbon emissions elsewhere in the western grid or allow resource shuffling to achieve the 100 percent carbon-free electricity target.

Low Carbon Fuel Standard

The Low Carbon Fuel Standard (LCFS), established in 2007 through Executive Order S-1-07 and administered by CARB, requires producers of petroleum-based fuels to reduce the carbon intensity of their products, starting with 0.25 percent in 2011 and culminating in a 10-percent total reduction in 2020. Petroleum importers, refiners and wholesalers can either develop their own low carbon fuel products or buy LCFS credits from other companies that develop and sell low carbon alternative fuels, such as biofuels, electricity, natural gas and hydrogen.

CARB Scoping Plan

Adopted December 15, 2022, CARB's 2022 Scoping Plan for Achieving Carbon Neutrality (2022 Scoping Plan) sets a path to achieve targets for carbon neutrality and reduce anthropogenic GHG emissions by 85 percent below 1990 levels by 2045 in accordance with AB 1279. To achieve the targets of AB 1279, the 2022 Scoping Plan relies on existing and emerging fossil fuel alternatives and clean technologies, as well as carbon capture and storage. Specifically, the 2022 Scoping Plan focuses on zero-emission transportation; phasing out use of fossil gas use for heating homes and buildings; reducing chemical and refrigerants with high global warming potential (GWP); providing communities with sustainable options for walking, biking, and public transit; displacement of fossil-fuel fired electrical generation through use of renewable energy

[21] California Energy Commission, 2022 Building Energy Efficiency Standards, https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2022-building-energy-efficiency. Accessed February 18, 2024.

[22] The Renewable Portfolio Standard is a flexible, market-driven policy to ensure that the public benefits of wind, solar, biomass, and geothermal energy continue to be realized as electricity markets become more competitive. The policy ensures that a minimum amount of renewable energy is included in the portfolio of electricity resources serving a state or country.

alternatives (e.g., solar arrays and wind turbines); and scaling up new options such as green hydrogen.

The key elements of the 2022 CARB Scoping Plan focus on transportation. Specifically, the 2022 Scoping Plan aims to rapidly move towards zero-emission transportation (i.e., electrifying cars, buses, trains, and trucks), which constitutes California's single largest source of GHGs. The regulations that impact the transportation sector are adopted and enforced by CARB on vehicle manufacturers and are outside the jurisdiction and control of local governments. The 2022 Scoping Plan accelerates development of new regulations as well as amendments to strengthen regulations and programs already in place.

Impact Analysis

4.6a Would the project result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?

Less Than Significant Impact.

Southern California Edison (SCE) provides electricity to the Project area. Total electricity demand in SCE's service area is forecast to increase by approximately 8,000 GWh—or 8 billion kWh—between 2024 and 2030.[23]

Construction

The energy consumption associated with Project construction includes primarily diesel fuel consumption from on-road hauling trips and off-road construction diesel equipment, and gasoline consumption. Temporary electric power for as-necessary lighting and electronic equipment (such as computers inside temporary construction trailers, and heating, ventilation, and air conditioning) would be powered by a generator or temporary pole power. The amount of electricity used during construction would be minimal; typical demand would stem from the use of electrically powered hand tools and several construction trailers by managerial staff during the hours of construction activities. The majority of the energy used during construction would be from petroleum (e.g., gasoline and diesel).

Construction activity is anticipated to occur over a duration of approximately two years, beginning as early as September 2025 and ending as early as August 2027. The energy associated with Project construction includes electricity use associated with water utilized for dust control, diesel fuel from on-road hauling trips, vendor trips, and off-road construction diesel equipment, as well as gasoline fuel from on-road worker commute trips. Because construction activities typically do not require natural gas, it is not included in the following discussion. The methodology for each category is discussed below. Quantifications of construction energy are provided by the Project below; see **Table 4.6-1: Energy Use During Construction**.

[23] California Energy Commission, California Energy Demand 2018-2030 Revised Forecast, Figure 49 Historical and Projected Baseline Consumption SCE Planning Area, 2018, https://www.enreergy.ca.gov/data-reports/reports/integrated-energy-policy-report/2017-integrated-energy-policy-report/2017-iepr. Accessed February 18, 2024.

Table 4.6-1: Energy Use During Construction			
Source	**Project Construction Usage**	**Los Angeles County Annual Energy Consumption**	**Percentage of Countywide Consumption**
Electricity Use		**GWh**	
Water Consumption[1]	0.05	68,485	0.0001%
Diesel Use		**Gallons**	
On-Road Construction Trips[2]	32,062	4,129,527,647	0.0008%
Off-Road Construction Equipment[3,4]	56,608	4,129,527,647	0.0014%
Construction Diesel Total	88,670	4,129,527,647	0.0021%
Gasoline		**Gallons**	
On-Road Construction Trips[2]	14,965	4,129,744,580	0.0004%

1. Construction water use based on acres disturbed per day per construction sequencing and estimated water use per acre. Water use includes the energy required to convey water to and from the Project Site.
2. On-road mobile source fuel use based on vehicle miles traveled (VMT) from CalEEMod and fleet-average fuel consumption in gallons per mile from EMFAC2021 in Los Angeles County.
3. Off-road mobile source fuel usage based on a fuel usage rate of 0.05 gallons of diesel per horsepower (hp)-hour from USEPA.
4. As discussed in **Appendix A-2**, the six pieces of equipment used for the offsite improvements for SCE service would result in a negligible increase in energy usage and would not require increased demand or capacity.

Source: Refer to the energy calculations in **Appendix E**.

Electricity

The Project's electrical demand is expected to be served by existing SCE electrical facilities. The Project's construction-related electrical demand would total approximately 0.0507 GWh. This would represent 0.0001 percent of SCE's forecast 2025 increased demand. Therefore, Project construction would not result in wasteful, inefficient, or unnecessary consumption of electrical resources.

Fuel

During Project construction, transportation energy use would depend on the type and number of trips, vehicle miles traveled (VMT), fuel efficiency of vehicles, and travel mode. Transportation energy use during construction would be from transport and use of construction equipment, delivery vehicles and haul trucks, and construction employee vehicles that would use diesel fuel/gasoline. The use of energy resources by these vehicles would fluctuate according to the construction phase and would be temporary. Project construction would total approximately 88,670 gallons of diesel and 14,965 gallons of gasoline. As shown above in **Table 4.6-1**, the proposed Project's fuel from the entire construction period would increase fuel use in the county by approximately 0.021 percent of diesel and 0.0004 percent of gasoline.

Impacts related to transportation energy use during Project construction would be temporary and would not require expanded energy supplies or construction of new infrastructure. Therefore, Project construction would not result in wasteful, inefficient, or unnecessary fuel consumption.

Operations

The energy consumption associated with Project operations would occur from building energy (electricity) use, water use, and transportation-related fuel use. Annual Energy use during Project operation is shown in **Table 4.6-2: Annual Energy Consumption During Operations**.

Table 4.6-2: Annual Energy Consumption During Operations

Source	Project Operational Usage	Los Angeles County Annual Energy Consumption	Percentage Increase Countywide
Electricity Use	**GWh**		
Building Energy[1]	438.01	68,485	0.6396%
Water Conveyance	0.08		0.0001%
Natural Gas Use[2]	**Therms/Year (therms/year)**		
Area	0	0	0
Diesel Use	**Gallons/Year**		
Mobile[3]	1,018	535,939,687	0.0002%
Emergency Generators[4]	198,812		0.0371%
Gasoline Use	**Gallons/Year**		
Mobile[2]	10,172	3,369,809,065	0.0003%

1. The electricity and natural gas usage are based on Project-specific estimates and CalEEMod defaults. The Project during peak load conditions would have a demand of 49,999 kilowatts per hour (KW/h). The analysis assumes 24/7 operations (8,760 hours per year) which would result in a maximum electrical usage of 437,991 megawatt hours (MWh) per year. Plus CalEEMod default assumptions for lighting for surface parking (23.3 MWh) for a total of 438,015 MWh or 438.01 GWh annually.
2. The Project is not anticipated to use natural gas.
3. Calculated based on the mobile source fuel use based on vehicle miles traveled (VMT) and fleet-average fuel consumption (in gallons per mile) from EMFAC2021 for operational year 2027.
4. Assumed 14 emergency generators each used up to 50 hours per year for testing and maintenance with a 277 gallon per hour fuel flow.

Source: Refer to the energy calculations in **Appendix E**.

Electricity

The Project's estimated operational electrical demand would total approximately 438 GWh per year. SCE'S forecasted increase in demand for its services area by 2026 is 110,690 GWh.[24] Thus, this Project would represent 0.64 percent of SCE's forecast 2026 demand, thus, would result in a negligible increased demand compared to SCE's overall demand. In addition, SCE evaluated the anticipated electricity demand for the Project and concluded that SCE has adequate energy supply to efficiently serve the Project. It is also noted that the Project (i.e., design and materials) would be subject to compliance with the 2022 Building Energy Efficiency Standards. The Project would also be required to comply with CALGreen, which establishes planning and design standards for sustainable site development, energy efficiency (more than California Energy Code requirements), water conservation, material conservation, and internal air contaminants.

[24] California Energy Commission, California Energy Demand Forecast, 2021-2035, Electricity Consumption by Sector (Total Consumption), https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2021-integrated-energy-policy-report/2021-1. Accessed August 16, 2024.

The primary purpose of the data center is to house computer servers; therefore, the uses typically associated with data centers are storing and processing data, which consumes energy. It should also be noted that the Project is anticipated to have a blended Power Usage Effectiveness ("PUE") of 1.2 due to free cooling modules on the air-cooled chillers. This PUE rating is better the average PUE for data centers, which indicates that the Project would not result in the wasteful or inefficient use of energy. The Project would be more energy efficient than the average data center. Due to energy efficiency measures incorporated into the facility, Project operations would not result in wasteful, inefficient, or unnecessary consumption of energy, or wasteful uses of electricity resources.

Natural Gas

Southern California Gas Company (SoCalGas) provides natural gas to the Project area. Natural gas is currently not used at the Project Site. The proposed Project would not use natural gas during operations. Therefore, Project construction and operations would not result in wasteful, inefficient, or unnecessary consumption of natural gas resources.

Fuel

As shown in **Table 4.6-2**, during Project operations, diesel fuel consumption would be approximately 199,830 gallons per year. The Project would generate 52 daily trips. As shown above in **Table 4.6-2**, the County's annual diesel fuel use in 2027 is anticipated to be 535,939,687 gallons.[25] Estimated Project operational diesel fuel use would represent 0.0002 percent of the County's current diesel use. Thus, the proposed Project would not result in a substantial demand for energy that would require expanded supplies or the construction of other infrastructure or expansion of existing facilities. The 14 emergency generators are estimated to utilize approximately 198,912 gallons per year of diesel due to testing and maintenance. Estimated Project operational gasoline fuel use would be approximately 10,172 gallons per year, which represent 0.0003 percent of the County's current gasoline use. Thus, the proposed Project would not result in a substantial demand for energy that would require expanded supplies or the construction of other infrastructure or expansion of existing facilities. Therefore, Project operations would not result in wasteful, inefficient, or unnecessary fuel consumption. In addition, this analysis includes a conservative estimate of fuel usage.

None of the projected energy uses exceed one percent of the corresponding County use. Project operations would not substantially affect existing energy or fuel supplies or resources. Further, the Project would be subject to compliance with applicable energy standards and new capacity would not be required. Therefore, the Project would result in a less than significant impact concerning consumption of energy resources, and no mitigation is required.

4.6b Would the project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

Less Than Significant Impact. Project design and operations would be subject to compliance with State Building Energy Efficiency Standards, appliance efficiency regulations, and CALGreen Code

[25] California Air Resources Board, EMFAC2017, 2018.

standards. As concluded in Response 4.6a, Project construction and operations would not result in wasteful, inefficient, or unnecessary consumption of energy resources. The Project would not conflict with or obstruct a State or local plan for renewable energy or energy efficiency. Although the City has not adopted any specific plans that address energy efficiency, the City adopted the Climate Action Plan in 2012 to help the City comply with the City's GHG emissions reduction goals through implementation of many measures that also result in energy conservation and efficiency. In addition, the Project would receive its electricity from SCE, which satisfies its renewable energy portfolio standards and includes approximate 33.2 percent of its energy mix from renewable energy sources. The Project would not otherwise conflict with or obstruct compliance with plans for renewable energy. As such, the Project would be designed to meet all applicable State building energy efficiency standards as well as the City's energy efficiency standards. Therefore, the Project would not conflict with or obstruct a State or local plan for renewable energy or energy efficiency. Impacts would be less than significant, and no mitigation would be required.

4.7 Geology and Soils

This Section is based on the *Geotechnical Investigation* (June 2024, Leighton Consulting, Inc.) and *Cultural Resources Assessment* (BCR Consulting, LLC, July 2024), which are included in **Appendix F: Geotechnical Investigation and Appendix D: Cultural Resources Assessment**, respectively.

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.			X	
ii) Strong seismic ground shaking?			X	
iii) Seismic-related ground failure, including liquefaction?				X
iv) Landslides?				X
b) Result in substantial soil erosion or the loss of topsoil?			X	
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the Project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?			X	
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?			X	
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?				X
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?		X		

Impact Analysis

4.7a.i Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, or death involving the rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

Less Than Significant Impact. The Alquist-Priolo Earthquake Fault Zoning Act was passed in 1972 to mitigate the hazard of surface faulting to structures for human occupancy. The Act's main purpose is to prevent the construction of buildings used for human occupancy on the surface trace of active faults. The Act requires the State Geologist to establish regulatory zones, known as Alquist Priolo (AP) Earthquake Fault Zones, around the surface traces of active faults and to issue appropriate maps. If an active fault is found, a structure for human occupancy cannot be placed over the trace of the fault and must be set back from the fault (typically 50 feet). According to the Geotechnical Investigation prepared for this Project, there are no identified Alquist-Priolo Earthquake Fault Zones that traverse the Project Site.[26] Therefore, the potential for surface fault rupture at the Project Site is considered low, and the Project would not cause potential substantial adverse effects involving rupture of a known earthquake fault. Nonetheless, the design of the proposed structures on-site would be designed to accommodate seismic loading, pursuant to the most recent California Building Code (CBC), City Building Code, and engineering design recommendations in the Geotechnical Investigation. The City's Building and Safety Division is responsible for implementing the provisions of the applicable building codes. The Project would be required to comply with plan review and permitting requirements of the City before the start of construction, as well as comply with the recommendations provided in a final design, and site-specific, geotechnical report that is subject to review and approval by the City. Therefore, the Project would not result in substantial damage to structures or infrastructure or expose people to substantial risk of injury involving the rupture of a known earthquake fault, and impacts from fault rupture would be less than significant.

4.7a.ii Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, or death involving strong seismic ground shaking?

Less Than Significant Impact. The Project Site is within the Southern California region, a seismically active area, with several active and potentially active faults mapped within 10 kilometers of the Project Site, and thus is exposed to potential risk involving strong seismic ground shaking. Accordingly, the Project would be subject to compliance with the most recent CBC and City Building Code, which are intended to minimize potential risk involving seismic ground shaking. The Project would also be required to adhere to engineering design recommendations presented in the Geotechnical Investigation. The City would verify compliance with the Geotechnical Investigation recommendations through the Project's Building Permit review process. Therefore, following compliance with the established regulatory framework and recommendations provided by the Geotechnical Investigation, the Project would not cause

[26] Leighton Consultants, Inc. Geotechnical Investigation, 2024.

potential substantial adverse effects involving strong seismic ground shaking, and impacts would be less than significant.

4.7a.iii Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, or death involving seismic-related ground failure, including liquefaction?

No Impact. Liquefaction is a seismic phenomenon in which loose, saturated, relatively uniform fine- to medium-grained clean cohesionless soils behave similarly to a fluid when subjected to high-intensity and long-duration ground shaking. Three criteria must be met for liquefaction to occur: 1) loose, clean granular soils, 2) shallow groundwater, and 3) strong, long-duration ground shaking.

According to the Geotechnical Investigation, the Project Site is underlain by relatively medium dense to dense engineered artificial fill overlying hard bedrock. Additionally, the Geotechnical Investigation's review of the California Geological Survey's Earthquake Zones of Required Investigation for the El Monte Quadrangle Map indicates that the Project Site is not within an area potentially susceptible to liquefaction. Furthermore, groundwater was not encountered in the exploratory borings conducted for the Project Site to the maximum depth explored of 36.5 feet below ground surface (bgs). Therefore, due to the presence of engineered fill, deep groundwater levels, and shallow bedrock within the Project Site, the Project would not cause potential adverse effects involving seismic-related ground failure, including liquefaction. No impact would occur in this regard.

4.7a.iv Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, or death involving landslides?

No Impact. Landslides are mass movements of the ground that include rock falls, relatively shallow slumping and sliding of soil, and deeper rotational or transitional movement of soil or rock. According to the Geotechnical Investigation, the Project Site is not located in an area mapped as potentially susceptible to seismically-induced landslides. No landslides are mapped or known to exist at the Project Site or vicinity. The slopes to the northwest of the Project Site below the La Loma reservoir water tanks are reported as buttressed with engineered fill. Therefore, the potential for seismically-induced landslides to impact the Project Site is very low, and the Project would not cause adverse effects involving landslides. No impact would occur in this regard.

4.7b Would the project result in substantial soil erosion or the loss of topsoil?

Less Than Significant Impact. The Project Site is located on relatively level ground (with the exception of the moderate slopes on the northern end of the Project Site), which would reduce the likelihood of soil erosion. However, earthmoving activities associated with proposed demolition and construction activities have the potential to result in soil erosion or the loss of topsoil. Development of the Project would be subject to local and State regulations for erosion control and grading during construction. For example, the Project would be required to comply with the Construction General Permit (CGP) issued by the State Water Resources Control Board (SWRCB), effective September 1st, 2023, which regulates construction activities to minimize

water pollution, including sediment risk from construction activities to receiving waters. Project development would be subject to the National Pollution Discharge Elimination System (NPDES) program, including the development and implementation of a Stormwater Pollution Prevention Plan (SWPPP), which is further discussed in **Section 4.10: Hydrology and Water Quality**. The Project's construction contractor would be required to prepare and implement a SWPPP and associated best management practices (BMPs) in compliance with the CGP during grading and construction activities. Typical construction BMPs include, but are not limited to, watering soil, soil cover of inactive areas, gravel bags, and fiber rolls.

Additionally, after Project completion, the Project Site would be developed with a new data center building, ancillary equipment yard, substation, parking, and associated hardscape and landscape improvements. All landscaped areas would be required to comply with the provisions of MPMC Chapter 6.31, Water Efficient Landscapes. The Project would also implement operational BMPs and Low Impact Development (LID) standards in compliance with the MPMC Chapter 6.30, Stormwater and Urban Runoff Pollution Prevention Controls, which requires stormwater and urban runoff pollution prevention controls; see **Section 4.10: Hydrology and Water Quality** for more information on operational BMPs. Implementation of the BMPs and LID standards would help ensure that soil erosion would not occur during the Project's operation phase. BMP implementation would be ensured through the City's building plan check and development review process.

For the reasons listed above, soil erosion impacts from the Project's construction and operation phases would be less than significant.

4.7c Would the project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?

Less Than Significant Impact. The Project Site would not be subject to seismically-induced liquefaction (see Response 4.7a.iii) or landslides (see Response 4.7a.iv).

For lateral spreading to occur, the liquefiable zone must be continuous, unconstrained laterally, and free to move along gently sloping ground toward an unconfined area. Since liquefaction is not considered a hazard at the Project Site (see Response 4.7a.iii), earthquake-induced lateral spreading is also not considered a hazard at the Project site. Therefore, there would be no impacts associated with lateral spreading.

Ground surface subsidence generally results from the extraction of fluids or gas from the subsurface, which can result in a gradual lowering of the ground level. The Project Site is not mapped in an area of subsidence by the U.S. Geological Survey.[27] Furthermore, due to the absence of groundwater during exploration, the Project would not involve any dewatering activities that could cause ground subsidence on the Project Site. Additionally, according to the Geotechnical Investigation, minor ground subsidence is expected due to earthquake-induced settlement which is estimated to be less than one inch, with differential seismic settlements of

[27] United States Geological Survey, Areas of Land Subsidence in California, https://ca.water.usgs.gov/land_subsidence/california-subsidence-areas.html. Accessed March 19, 2024.

0.5 inch over a distance of 30 feet. Therefore, the potential for ground collapse and other adverse effects due to subsidence to occur on the Project site is considered low, and impacts associated with subsidence would be less than significant.

Regarding collapsible soils, the results of the testing of soil samples conducted for the Geotechnical Investigation indicated that on-site soils are not susceptible to collapse when wetted. Therefore, the Project's potential for collapse is considered low, and impacts associated with collapse would be less than significant.

For the reasons substantiated above, Project development would not cause substantial hazards arising from unstable soils. Impacts would be less than significant.

4.7d Would the project be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risk to life or property?

Less Than Significant Impact. According to the Geotechnical Investigation, a combined evaluation of test results from past on-site geotechnical surveys and this current Geotechnical Investigation for this Project indicate that the soils within the Project Site have range from medium expansion to very low results. Therefore, the Project Site's expansion potential is considered to be low. The Project would be designed and constructed in accordance with relevant federal, State, and City regulations. Additionally, the Geotechnical Investigation includes engineering design recommendations to onsite soils, less any deleterious material or organic matter, as required fills. Any required import material should consist of relatively non-expansive soils with a very low to low expansion index. The City would verify compliance with the Geotechnical Investigation recommendations through the Project's Building Permit process. Therefore, following compliance with pertinent regulations and Geotechnical Investigation recommendations, the Project would not create substantial risk involving expansive soils, and impacts would be less than significant.

4.7e Would the project have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?

No Impact. The Project would construct sewer laterals that would connect to existing sewer lines in surrounding roadways. The Project does not propose to use septic tanks or alternative wastewater disposal systems. Temporary sanitary systems would be brought in during construction and removed when the Project becomes operational. Therefore, no impact would occur in this regard.

4.7f Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Less Than Significant Impact with Mitigation Incorporated. Paleontological resources are the fossilized remains of organisms from prehistoric environments found in geologic strata. These resources are valued for the information they yield about the earth's history and its past ecological settings. The potential for fossil occurrence depends on the rock type exposed at the surface in a given area. According to the Geotechnical Investigation, the Project Site is underlain

by artificial fill ranging in thickness from 2 to over 15 feet. According to the paleontology collection records search conducted within the El Monte Quadrangle with the Natural History Museum of Los Angeles County for the CRA, there are no fossil localities that lie directly within the Project Site. However, fossil localities nearby from the same sedimentary deposits may occur in the Project area, either at or beneath the surface. Therefore, Project impacts to paleontological resources may be potentially significant during ground-disturbing activities. To address such impacts, the Project would be subject to compliance with **MM GEO-1**, which requires a qualified paleontological monitor to be on-site during Project ground-disturbing activities. Therefore, following compliance with **MM GEO-1**, the Project's potential impacts to paleontological resources would be reduced to a less than significant level.

Mitigation Measures

MM GEO-1 If construction personnel encounter paleontological resources during ground-disturbing activities, they must inform the site construction superintendent who will notify the City and Project Applicant. The Project Applicant must then contact a qualified paleontologist as defined by the Standard Procedures for the Assessment and Mitigation of Adverse Impacts to Paleontological Resources by the SVP (SVP, 2010) and all ground-disturbing activity must cease in the immediate area of the find (within a 50-foot buffer) until the paleontologist can evaluate the find.

If the discoveries are determined to be significant, full-time paleontological monitoring will be recommended for the remainder of ground disturbance for the project. Paleontological monitoring must entail the visual inspection of excavated or graded areas and trench sidewalls. If a paleontological resource is discovered, the monitor will have the authority to temporarily divert the construction equipment around the find until it is assessed for scientific significance and collected. Monitoring efforts can be reduced or eliminated at the discretion of the project paleontologist.

Upon completion of fieldwork, all significant fossils collected will be prepared in a properly equipped paleontology laboratory to a point ready for curation. Preparation will include the careful removal of excess matrix from fossil materials and stabilizing and repairing specimens, as necessary. Following laboratory work, all fossil specimens must be identified to the most specific taxonomic level possible, cataloged, analyzed, and delivered the Natural History Museum of Los Angeles County for permanent curation and storage. The cost of curation is assessed by the repository and is the responsibility of the Project Applicant. At the conclusion of laboratory work and museum curation, a final Paleontological Monitoring Report will be prepared describing the results of the paleontological mitigation monitoring efforts associated with the Project. The report must include a summary of the field and laboratory methods, an overview of the Project area geology and paleontology, a list of taxa recovered, an analysis of fossils recovered

and their scientific significance, and recommendations. A copy of the report must be submitted to the Natural History Museum of Los Angeles County.

4.8 Greenhouse Gas Emissions

This Section is based on the *Greenhouse Gas Emissions Analysis Memorandum* (Kimley-Horn, August 2024), which is included in **Appendix A-2: Offsite Improvements for Southern California Service** and **Appendix G: Greenhouse Gas Emissions Analysis Memorandum**.

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?			X	
b) Conflict with applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?			X	

Regulatory Setting

Federal

To date, national standards have not been established for nationwide GHG reduction targets, nor have any regulations or legislation been enacted specifically to address climate change and GHG emissions reduction at the project level. Various efforts have been promulgated at the federal level to improve fuel economy and energy efficiency to address climate change and its associated effects.

Energy Independence and Security Act of 2007

The Energy Independence and Security Act of 2007 (December 2007), among other key measures, requires the following, which would aid in the reduction of national GHG emissions:

- Increase the supply of alternative fuel sources by setting a mandatory Renewable Fuel Standard requiring fuel producers to use at least 36 billion gallons of biofuel in 2022.
- Set a target of 35 miles per gallon for the combined fleet of cars and light trucks by model year 2020 and direct the National Highway Traffic Safety Administration (NHTSA) to establish a fuel economy program for medium- and heavy-duty trucks and create a separate fuel economy standard for work trucks.
- Prescribe or revise standards affecting regional efficiency for heating and cooling products and procedures for new or amended standards, energy conservation, energy efficiency labeling for consumer electronic products, residential boiler efficiency, electric motor efficiency, and home appliances.

U.S. Environmental Protection Agency Endangerment Finding

The U.S. EPA authority to regulate GHG emissions stems from the U.S. Supreme Court decision in *Massachusetts v. EPA* (2007). The Supreme Court ruled that GHGs meet the definition of air pollutants under the existing Federal Clean Air Act (FCAA) and must be regulated if these gases

could be reasonably anticipated to endanger public health or welfare. Responding to the Court's ruling, the U.S. EPA finalized an endangerment finding in December 2009. Based on scientific evidence it found that six GHGs (CO_2, CH_4, N_2O, HFCs, PFCs, and SF_6) constitute a threat to public health and welfare. Thus, it is the Supreme Court's interpretation of the existing FCAA and the U.S. EPA's assessment of the scientific evidence that form the basis for the U.S. EPA's regulatory actions.

Federal Vehicle Standards

In response to the U.S. Supreme Court ruling discussed above, Executive Order 13432 was issued in 2007 directing the U.S. EPA, the Department of Transportation, and the Department of Energy to establish regulations that reduce GHG emissions from motor vehicles, non-road vehicles, and non-road engines by 2008. In 2009, the NHTSA issued a final rule regulating fuel efficiency and GHG emissions from cars and light-duty trucks for model year 2011, and in 2010, the U.S. EPA and NHTSA issued a final rule regulating cars and light-duty trucks for model years 2012–2016.

In 2010, an Executive Memorandum was issued directing the Department of Transportation, Department of Energy, U.S. EPA, and NHTSA to establish additional standards regarding fuel efficiency and GHG reduction, clean fuels, and advanced vehicle infrastructure. In response to this directive, the U.S. EPA and NHTSA proposed stringent, coordinated federal GHG and fuel economy standards for model years 2017–2025 light-duty vehicles. The proposed standards projected to achieve 163 grams per mile of CO_2 in model year 2025, on an average industry fleet-wide basis, which is equivalent to 54.5 miles per gallon if this level were achieved solely through fuel efficiency.

On April 2, 2018, the Administrator signed the Mid-term Evaluation Final Determination which finds that the model year 2022-2025 GHG standards are not appropriate in light of the record before U.S. EPA and, therefore, should be revised.[28]

On September 19, 2019, under the Safer, Affordable, Fuel-Efficient (SAFE) Vehicles Rule, the U.S. Department of Transportation's National Highway Traffic Safety Administration (NHSTA) and the U.S. EPA issued the final "One National Program Rule." The rule states that federal law preempts state and local laws regarding tailpipe GHG emissions standards, zero emissions vehicle (ZEV) mandates, and fuel economy for automobiles and light duty trucks. The rule revokes California's Clean Air Act waiver and preempts California's Advanced Clean Car Regulations.[29,30]

On September 20, 2019, a lawsuit was filed by California and a coalition of 22 other states, and the cities of Los Angeles, New York and Washington, D.C., in the United States District Court for the District of Columbia (Case 1:19-cv-02826) challenging the SAFE Rule and arguing that U.S. EPA lacks the legal authority to withdraw the California waiver. In April 2021, the U.S. EPA announced

[28] U.S. Environmental Protection Agency. Midterm Evaluation of Light-Duty Vehicle Greenhouse Gas Emissions Standards for Model Years 2022-2025, https://www.epa.gov/regulations-emissions-vehicles-and-engines/midterm-evaluation-light-duty-vehicle-greenhouse-gas. Accessed April 12, 2024.

[29] U.S. Department of Transportation and U.S. EPA. 2019. One National Program Rule on Federal Preemption of State Fuel Economy Standards, https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P100XI4W.pdf. Accessed May 7, 2024.

[30] Southern California Association of Governments. 2019. Final Federal Safer, Affordable, Fuel-Efficient Vehicles Rule Part I (Supplemental Report), http://www.scag.ca.gov/committees/CommitteeDocLibrary/EEC_Item8_RC_Item10%20Supplemental%20Report.pdf. Accessed May 7, 2024.

it would reconsider its previous withdrawal and grant California permission to set more stringent climate requirements for cars and SUVs. On March 9, 2022, the U.S. EPA restored California's 2013 waiver to full force, including both its GHG standards and ZEV sales requirements.

In December 2021, the U.S. EPA finalized federal GHG emissions standards for passenger cars and light trucks for Model Years 2023 through 2026. These standards are the strongest vehicle emissions standards ever established for the light-duty vehicle sector and are based on sound science and grounded in a rigorous assessment of current and future technologies. The updated standards will result in avoiding more than three billion tons of GHG emissions through 2050.[31]

Presidential Executive Orders 13990 and 14008

On January 20, 2021, President Biden issued Executive Order 13990, "Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis". Executive Order 13990 directs Federal agencies to immediately review and take action to address the promulgation of Federal regulations and other actions that conflict with these important national objectives and to immediately commence work to confront the climate crisis. Executive Order 13990 directs the Council on Environmental Quality (CEQ) to review CEQ's 2020 regulations implementing the procedural requirements of the National Environmental Policy Act (NEPA) and identify necessary changes or actions to meet the objectives of Executive Order 13990.

Executive Order 13390 also directs the U.S. EPA to consider whether to propose suspending, revising, or rescinding the standards previously revised under the "The Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule for Model Years 2021-2026 Passenger Cars and Light Trucks," promulgated in April 2020.

On January 27, 2021, President Biden signed Executive Order 14008, "Tackling the Climate Crisis at Home and Abroad," to declare the Administration's policy to move quickly to build resilience, both at home and abroad, against the impacts of climate change that are already manifest and will continue to intensify according to current trajectories. In line with these Executive Order directives, CEQ is reviewing the 2020 NEPA regulations and plans to publish a notice of proposed rulemaking (NPRM) to identify necessary revisions in order to comply with the law; meet the environmental, climate change, and environmental justice objectives of Executive Orders 13990 and 14008; ensure full and fair public involvement in the NEPA process; provide regulatory certainty to stakeholders; and promote better decision making consistent with NEPA's statutory requirements. This phase 1 rulemaking will propose a narrow set of changes to the 2020 NEPA regulations to address these goals.

State

California Air Resources Board

CARB is responsible for the coordination and oversight of State and local air pollution control programs in California. Various statewide and local initiatives to reduce California's contribution

[31] U.S. EPA, Final Rule to Revise Existing National GHG Emissions Standards for Passenger Cars and Light Trucks Through Model Year 2026, 2021, https://www.epa.gov/regulations-emissions-vehicles-and-engines/final-rule-revise-existing-national-ghg-emissions. Accessed March 18, 2024.

to GHG emissions have raised awareness about climate change and its potential for severe long-term adverse environmental, social, and economic effects. California is a significant emitter of carbon dioxide equivalent (CO_2e) in the world and produced 369 million gross metric tons (MMT) of CO_2e in 2020.[32] The transportation sector is the State's largest emitter of GHGs, followed by industrial operations such as manufacturing and oil and gas extraction.

The State of California legislature has enacted a series of bills that constitute the most aggressive program to reduce GHGs of any state in the nation. Some legislation, such as the landmark AB 32 California Global Warming Solutions Act of 2006, was specifically enacted to address GHG emissions. Other legislation, such as Title 24 building efficiency standards and Title 20 appliance energy standards, were originally adopted for other purposes such as energy and water conservation, but also provide GHG reductions. This section describes the major legislation related to GHG emissions reduction.

Assembly Bill 32 (California Global Warming Solutions Act of 2006)

AB 32 instructs the CARB to develop and enforce regulations for the reporting and verification of statewide GHG emissions. AB 32 also directed CARB to set a GHG emissions limit based on 1990 levels, to be achieved by 2020, which would require a reduction of approximately 173 MMT net CO_2e below "business as usual" emission levels. It set a timeline for adopting a scoping plan for achieving GHG reductions in a technologically and economically feasible manner.

Climate Change Scoping Plan

The Scoping Plan is a GHG emission reduction roadmap developed and updated by the CARB at least once every five years, as required by AB 32. It lays out the transformations needed across various sectors to reduce GHG emissions and reach the State's climate targets. CARB published the Final 2022 Scoping Plan for Achieving Carbon Neutrality (2022 Scoping Plan Update) in November 2022, as the third update to the initial plan that was adopted in 2008. The initial 2008 Scoping Plan laid out a path to achieve the AB 32 target of returning to 1990 levels of GHG emissions by 2020, a reduction of approximately 15 percent below business as usual activities.[33] The 2008 Scoping Plan included a mix of incentives, regulations, and carbon pricing, laying out the portfolio approach to addressing climate change and clearly making the case for using multiple tools to meet California's GHG targets. The 2013 Scoping Plan Update (adopted in 2014) assessed progress toward achieving the 2020 target and made the case for addressing short-lived climate pollutants (SLCPs).[34] The 2017 Scoping Plan Update,[35] shifted focus to the newer Senate Bill (SB) 32 goal of a 40 percent reduction below 1990 levels by 2030 by laying out a detailed cost-effective and technologically feasible path to this target, and also assessed progress towards

[32] California Air Resources Board, Current California GHG Emissions Inventory Data, 2000-2020 GHG inventory (2022 Edition), https://ww2.arb.ca.gov/ghg-inventory-data. Accessed March 18, 2024.
[33] CARB, Climate Change Scoping Plan, 2008, ww2.arb.ca.gov/sites/default/files/classic/cc/scopingplan/document/adopted_scoping_plan.pdf. Accessed April 22, 2024.
[34] CARB, First Update to the Climate Change Scoping Plan, 2014, ww2.arb.ca.gov/sites/default/files/classic/cc/scopingplan/2013_update/first_update_climate_change_scoping_plan.pdf. Accessed April 22, 2024.
[35] CARB, California's 2017 Climate Change Scoping Plan, 2017, ww2.arb.ca.gov/sites/default/files/classic/cc/scopingplan/scoping_plan_2017.pdf. Accessed April 22, 2024.

achieving the AB 32 goal of returning to 1990 GHG levels by 2020. The 2020 goal was ultimately reached in 2016, four years ahead of the schedule called for under AB 32.

The 2022 Scoping Plan Update is the most comprehensive and far-reaching Scoping Plan developed to date. It identifies a technologically feasible, cost-effective, and equity-focused path to achieve new targets for carbon neutrality by 2045 and to reduce anthropogenic GHG emissions to at least 85 percent below 1990 levels, while also assessing the progress California is making toward reducing its GHG emissions by at least 40 percent below 1990 levels by 2030, as called for in SB 32 and laid out in the 2017 Scoping Plan. According to the Scoping Plan Update, the 2030 target is an interim but important stepping stone along the critical path to the broader goal of deep decarbonization by 2045. The relatively longer path assessed in the 2022 Scoping Plan Update incorporates, coordinates, and leverages many existing and ongoing efforts to reduce GHGs and air pollution, while identifying new clean technologies and energy. Given the focus on carbon neutrality, the 2022 Scoping Plan Update also includes discussion for the first time of the natural and working lands sectors as sources for both sequestration and carbon storage, and as sources of emissions as a result of wildfires.

The 2022 Scoping Plan Update reflects existing and recent direction in the Governor's Executive Orders and State Statutes, which identify policies, strategies, and regulations in support of and implementation of the Scoping Plan. Among these include Executive Order B-55-18 and AB 1279 (The California Climate Crisis Act), which identify the 2045 carbon neutrality and GHG reduction targets required for the Scoping Plan. A summary of major climate legislation and executive orders issued since the adoption of the 2017 Scoping Plan is provided in Table 2 of **Appendix G** of this IS/MND.

The 2022 Scoping Plan Update scenario identifies the need to accelerate AB 32's 2030 target, from 40 percent to 48 percent below 1990 levels. Cap-and-Trade regulation continues to play a large factor in the reduction of near-term emissions for meeting the 2030 reduction target. Every sector of the economy will need to begin to transition in this decade to meet these GHG reduction goals and achieve carbon neutrality no later than 2045. The 2022 Scoping Plan Update approaches decarbonization from two perspectives, managing a phasedown of existing energy sources and technologies, as well as increasing, developing, and deploying alternative clean energy sources and technology. The Scoping Plan Scenario is summarized in Table 2-1 starting on page 72 of the Scoping Plan. It includes references to relevant statutes and Executive Orders, although it is not comprehensive of all existing new authorities for directing or supporting the actions described. Table 2-1 identifies actions related to a variety of sectors such as: smart growth and reductions in Vehicle Miles Traveled (VMT); light-duty vehicles (LDV) and zero-emission vehicles (ZEV); truck ZEVs; reduce fossil energy, emissions, and GHGs for aviation ocean-going vessels, port operations, freight and passenger rail, oil and gas extraction; and petroleum refining; improvements in electricity generation; electrical appliances in new and existing residential and commercial buildings; electrification and emission reductions across industries such as the for food products, construction equipment, chemicals and allied products, pulp and paper, stone/clay/glass/cement, other industrial manufacturing, and agriculture; retiring of

combined heat and power facilities; low carbon fuels for transportation, business, and industry; improvements in non-combustion methane emissions, and introduction of low GWP refrigerants.

Achieving the targets described in the 2022 Scoping Plan Update will require continued commitment to and successful implementation of existing policies and programs, and identification of new policy tools and technical solutions to go further, faster. California's Legislature and state agencies will continue to collaborate to achieve the state's climate, clean air, equity, and broader economic and environmental protection goals. It will be necessary to maintain and strengthen this collaborative effort, and to draw upon the assistance of the federal government, regional and local governments, tribes, communities, academic institutions, and the private sector to achieve the state's near-term and longer-term emission reduction goals and a more equitable future for all Californians. The Scoping Plan acknowledges that the path forward is not dependent on one agency, one state, or even one country. However, the State can lead by engaging Californians and demonstrating how actions at the state, regional, and local levels of governments, as well as action at community and individual levels, can contribute to addressing the challenge.

Aligning local jurisdiction action with state-level priorities to tackle climate change and the outcomes called for in the 2022 Scoping Plan Update is identified as critical to achieving the statutory targets for 2030 and 2045. The 2022 Scoping Plan Update discusses the role of local governments in meeting the State's GHG reductions goals. Local governments have the primary authority to plan, zone, approve, and permit how and where land is developed to accommodate population growth, economic growth, and the changing needs of their jurisdictions. They also make critical decisions on how and when to deploy transportation infrastructure, and can choose to support transit, walking, bicycling, and neighborhoods that do not force people into cars. Local governments also have the option to adopt building ordinances that exceed statewide building code requirements and play a critical role in facilitating the rollout of ZEV infrastructure. As a result, local government decisions play a critical role in supporting state-level measures to contain the growth of GHG emissions associated with the transportation system and the built environment—the two largest GHG emissions sectors over which local governments have authority. The City has taken the initiative in combating climate change by developing programs and regulations such as the Green New Deal and Green Building Code.

California Regulations and Building Codes

California has a long history of adopting regulations to improve energy efficiency in new and remodeled buildings. These regulations have kept California's energy consumption relatively flat even with rapid population growth.

Title 20 Appliance Efficiency Regulations. The appliance efficiency regulations (CCR Title 20, Sections 1601-1608) include standards for new appliances. Twenty-three categories of appliances are included in the scope of these regulations. These standards include minimum levels of operating efficiency, and other cost-effective measures, to promote the use of energy- and water-efficient appliances.

Title 24 Building Energy Efficiency Standards. California's Energy Efficiency Standards for Residential and Nonresidential Buildings (CCR Title 24, Part 6) was first adopted in 1978 in response to a legislative mandate to reduce California's energy consumption. The standards are updated periodically to allow consideration and possible incorporation of new energy efficient technologies and methods. Energy efficient buildings require less electricity; therefore, increased energy efficiency reduces fossil fuel consumption and decreases GHG emissions. The 2016 Building Energy Efficiency Standards approved on January 19, 2016, went into effect on January 1, 2017. The 2019 Building Energy Efficiency Standards were adopted on May 9, 2018, and went into effect on January 1, 2020. Under the 2019 standards, homes will use about 53 percent less energy and nonresidential buildings will use about 30 percent less energy than buildings under the 2016 standards.

On August 11, 2021, the CEC adopted the 2022 Building Energy Efficiency Standards (2022 Energy Code). In December, it was approved by the California Building Standards Commission for inclusion into the California Building Standards Code. The 2022 Energy Code encourages efficient electric heat pumps, establishes electric-ready requirements for new homes, expands solar photovoltaic and battery storage standards, strengthens ventilation standards, and more. Buildings whose permit applications are applied for on or after January 1, 2023, must comply with the 2022 Energy Code.

Title 24 California Green Building Standards Code. The California Green Building Standards Code (CCR Title 24, Part 11 code) commonly referred to as the CALGreen Code, is a statewide mandatory construction code developed and adopted by the California Building Standards Commission and the Department of Housing and Community Development. The CALGreen standards require new residential and commercial buildings to comply with mandatory measures under the topics of planning and design, energy efficiency, water efficiency/conservation, material conservation and resource efficiency, and environmental quality. CALGreen also provides voluntary tiers and measures that local governments may adopt that encourage or require additional measures in the five green building topics. The most recent update to the CALGreen Code went into effect January 1, 2023 (2022 CALGreen). The 2022 CALGreen standards continue to improve upon the existing standards for new construction of, and additions and alterations to, residential and nonresidential buildings.

Regional

South Coast Air Quality Management District Thresholds

The SCAQMD is the air pollution control agency for Orange County and the urban portions of Los Angeles, Riverside, and San Bernardino Counties. The agency's primary responsibility is ensuring that CAAQS and NAAQS are attained and maintained in the SoCAB. The SCAQMD is also responsible for adopting and enforcing rules and regulations concerning air pollutant sources, issuing permits for stationary sources of air pollutants, inspecting stationary sources of air pollutants, responding to citizen complaints, monitoring ambient air quality and meteorological conditions, awarding grants to reduce motor vehicle emissions, conducting public education campaigns, and many other activities. All projects are subject to applicable SCAQMD rules and

regulations in effect at the time of construction and operation. The following is the SCAQMD rule relevant to GHG:

- **Rule 1415 (Reduction of Refrigerant Emissions from Stationary Air Conditioning Systems)** – The purpose of this rule is to reduce emissions of high-global warming potential refrigerants from stationary air conditioning systems by requiring projects to reclaim, recover, or recycle refrigerant and minimize leakage.

Southern California Association of Governments

On September 3, 2020, SCAG's Regional Council adopted the 2020-2045 RTP/SCS. The RTP/SCS charts a course for closely integrating land use and transportation so that the region can grow smartly and sustainably. The strategy was prepared through a collaborative, continuous, and comprehensive process with input from local governments, county transportation commissions, tribal governments, non-profit organizations, businesses and local stakeholders within the counties of Imperial, Los Angeles, Orange, Riverside, San Bernardino, and Ventura. The RTP/SCS is a long-range vision plan that balances future mobility and housing needs with economic, environmental, and public health goals. The SCAG region strives toward sustainability through integrated land use and transportation planning. The SCAG region must achieve specific federal air quality standards and is required by state law to lower regional GHG emissions.

Local

City of Monterey Park General Plan

The City is responsible for the assessment and mitigation of air emissions resulting from its land use decisions. The City's General Plan includes a Sustainable Community Element, adopted in 2014, that contains the following policies specific to greenhouse gas emissions applicable to the Project:

Sustainability Community Element

Goal 9: Greenhouse gas emissions from energy production are minimized through reduced energy demand and expanded use of renewable energy sources.

Policy 9.1 Increased Energy Efficiency: Ensure high energy efficiency for all buildings through demonstration, education, and incentives.

Policy 9.3 Solar-Ready Roofs: For new construction and renovations, encourage builders to provide roofs that are solar panel-ready particularly commercial roofs.

City of Monterey Park Climate Action Plan ("CAP")

The City's qualified CAP, approved in 2012, provides the City's road map to reducing community GHG emissions associated with existing and future actions and activities. The CAP was adopted by the City Council on October 3, 2012. The CAP included baseline emissions inventory and projection of future emissions; establishing a community-wide reduction target for 2020 and

2035; identify strategies, actions, and measures to meet reduction targets; evaluate CEQA impacts of the proposed strategies; and monitor effectiveness of reduction measures and the CAP to changing conditions. The CAP establishes a policy to reduce the City's GHG emissions by 15 percent below baseline 2009 levels by 2020, and sets an aspirational goal of achieving GHG emissions 49 percent below baseline 2009 levels by 2035. The CAP does not include quantitative project-level CEQA thresholds or percentage reduction targets for individual projects.

The CAP includes numerous GHG reduction measures, split into five categories: Energy, Land Use, Transportation, Water, and State and Federal. The State and Federal measures would account for 67.9 percent reduction in GHG emissions. The remaining four categories are considered City measures. The complete list of GHG reduction measures is shared in Threshold (b) below. Generally, the purpose of the CAP is to establish measures capable of reducing GHG and promoting economic growth based on clean technology and sustainable practices.

Methodology

The Project's construction and operational emissions were calculated using CalEEMod. Details of the modeling assumptions and emission factors are provided in **Appendix G**. For construction, CalEEMod calculates emissions from off-road equipment usage and on-road vehicle travel associated with haul, delivery, and construction worker trips. GHG emissions during construction were forecasted based on the proposed construction schedule and applying the mobile-source and fugitive dust emissions factors derived from CalEEMod. The Project's construction-related GHG emissions would be generated from off-road construction equipment, on-road hauling and vendor (material delivery) trucks, and worker vehicles. The Project's operational-related GHG emissions would be generated by vehicular traffic, area sources (e.g., landscaping maintenance and consumer products), electrical generation demand, natural gas consumption, water supply and wastewater treatment, solid waste, water usage, and energy usage.

Impact Analysis

4.8a Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

4.8b Would the project conflict with applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Consistency with Applicable Plans and Policies

The Project would replace an older building that occupies the site currently and would be subject to compliance with all building codes in effect at the time of construction, which would include energy conservation measures mandated by Title 24 of the California Building Standards Code – Energy Efficiency Standards. Because Title 24 standards require energy conservation features in new construction (e.g., high- efficiency lighting, high-efficiency heating, ventilating, and air-conditioning ("HVAC") systems, thermal insulation, double-glazed windows, water conserving plumbing fixtures), they indirectly regulate and reduce GHG emissions. California's Building Energy Efficiency Standards are updated on an approximately three-year cycle. The most recent 2019 standards went into effect January 1, 2020. The 2022 Energy Code and associated Title 24 standards went into effect January 1, 2023.

Consistency with the City of Monterey Park Climate Action Plan

In 2012, the City adopted the CAP which sets forth a comprehensive strategy to address GHG emissions related to land use patterns, transportation, building design, energy use, water demand, and waste generation. The Project's consistency with the CAP is analyzed in **Table 4.8-1: City of Monterey Park Climate Action Plan Measures Consistency**.

Table 4.8-1: City of Monterey Park Climate Action Plan Consistency

Measure	Description	Consistency
Building Efficiency		
E1. Efficiency Requirements for New Developments	The City, in coordination with the California Building Standards Commission and the California Energy Commission, will adopt energy efficiency regulations for new construction projects that comply with the 2008 California Green Building Code Tier 1 energy efficiency standards. The Tier 1 energy efficiency standards require a building's energy performance to exceed Title 24 standards by 15 percent for both residential and nonresidential development.	**Consistent**: The proposed Project would comply with California Green Building Standards Code (CCR Title 24, Part 11 Code) (CALGreen) which requires new residential and nonresidential buildings to comply with mandatory measures including energy efficiency, water efficiency/conservation, material conservation and resource efficiency, and environmental quality. The Project would be required to comply with the provisions of the CALGreen standards. In addition, the Project would have three EV charging spaces.
E2. Building Retrofits	31 percent of total GHG emissions in the City are a result of energy used for commercial and residential buildings. Since the vast majority of buildings in the City were built before 2002, there is tremendous potential to increase the overall energy efficiency of buildings in the City with a range of energy efficiency upgrades.	**N/A**: This is not applicable to the Project. The Project would demolish and remove the existing improvements and construct a new data center. As building standards and efficiency has improved since the construction of the original building the replacement structure would be more energy efficient.
E3. Appliance Upgrade	The City will partner with SCE, the SoCal Gas, and the Metropolitan Water District to provide to increase awareness about rebate and incentive programs, the efficiencies that	**Consistent:** The Project would utilize energy efficient appliances and comply with the latest Title 24 energy efficiency requirements. In addition, the Project would not include natural gas.

Table 4.8-1: City of Monterey Park Climate Action Plan Consistency		
Measure	**Description**	**Consistency**
	may be gained from Energy-Star-rated appliances, and the cost savings associated with Energy Star appliances.	
E4. Smart Meters	Emerging energy management systems or Smart Meters are currently being stalled by SCE as a means to improve how electricity consumption is managed. These Smart Meters will eventually provide utility customers with access to detailed and instantaneous energy use and cost information, new pricing programs based on peak-energy demand, and the ability to program home appliances and devices to respond to cost, comfort, and convenience.	**Consistent:** The Project's utility provider (SCE) would install smart meters upon development.
Increase Renewable Energy Generation		
R1. Solar Water Heating	Solar hot water systems are a simple, reliable, and cost-effective method for harnessing the sun's energy to provide hot water. Solar collectors, usually placed on the roof, absorb the sun's energy to heat water that is stored in a water tank. Although solar water heater upgrades require an up-front investment from the resident or business owner, there is a range of financing and rebate options available to offset these initial costs.	**N/A:** The Project plumbing is not designed to include a hot water system that requires water to be stored in a water tank. Thus, this measure is not applicable. In any case, the Project would include rooftop design that is photovoltaic-system ready, which would allow solar energy to be distributed to project demand.
R2. Solar Photovoltaic Systems	Solar photovoltaic (PV) systems generate electrical power by converting solar radiation into direct-current	**Consistent:** The Project would construct new buildings on the site that could accommodate limited solar photovoltaic systems on the roof to

Table 4.8-1: City of Monterey Park Climate Action Plan Consistency		
Measure	**Description**	**Consistency**
	electricity using semiconductors. PV systems can be retrofitted into existing buildings, usually by mounting them onto an existing roof structure or walls. The City will promote PV installations to provide 5 percent of residential electricity and 2 percent of commercial electricity energy use from solar PV generation by 2020.	offset overall energy demand. Due to rooftop mechanical equipment, and related screening elements to comply with code, the solar PV systems cannot not occupy the entire roof area. Approximately 45,000 square feet could accommodate future photovoltaic installation, which could result in a maximum output between 750 to 900 kilowatts of energy. Nonetheless, the Project would include rooftop building design that is compatible with a solar photovoltaic system on a portion of the roofed areas. Nonetheless, the Project would include rooftop building design that is compatible with a solar photovoltaic system on a portion of the roofed areas.
Land Use		
LU1. Mixed Use Development	Increasing the availability, effectiveness, and use of transit could result in a 0.5 percent reduction in overall vehicle miles travelled (VMT) in the City by 2020. To meet the VMT reduction target, the City will create additional incentives to build and actively facilitate new mixed-use development near existing and planned transit corridors.	**N/A:** This is a municipal measure and not Project specific. This measure is intended to encourage and incentivize mixed-use development, which is not applicable to the Project. It should be noted that the land use policies in the CAP encourage infill and redevelopment, which is relevant to, and consistent with, the Project as it redevelops and existing infill site instead of developing undeveloped land.
LU2. Service Nodes	Through changes proposed under the new Zoning Ordinance, the City will provide more opportunities for walking, biking, and short-distance vehicular trips by promoting service nodes, which are employment centers with eating establishments, coffee shops,	**N/A:** This is a municipal measure and not Project specific. Therefore, this measure is not applicable. It should be noted that the land use policies in the CAP encourage infill and redevelopment, which is relevant to, and consistent with, the Project as it redevelops and existing infill site instead of developing undeveloped land. It should also be noted that the

Table 4.8-1: City of Monterey Park Climate Action Plan Consistency		
Measure	**Description**	**Consistency**
	day care, dry cleaners, and other services in proximity.	site is in a voter-enacted zone, thus the City amendments to the zoning ordinance are inapplicable here unless voter-enacted.
Transportation		
T1.1 Increase Transit Use: Lower Cost of Riding Transit	The City currently provides discounts to older adults on the purchase of transit passes, which are accepted locally and by regional transit providers. Pending funding availability, the City will expand the program to provide discounts to resident groups, such as students, or increase the subsidy in order to further promote transit use.	**Consistent:** This is a municipal measure and not specifically applicable to the Project. However, T1 encourages the City to expand transit programs to provide discounted transit passes to certain groups. These transit passes and programs would likely be available to employees of the Project who qualify for the City programs, and choose to ride transit to work, and hence the Project is consistent with implementation of this policy.
T1.2 Increase Transit Use: Promote Use of Transit Network	Promoting the availability of local and regional transit options is necessary to increase awareness and ridership. Therefore, the City will develop marketing or outreach programs to promote the use of the Spirit Bus and other transit options. The potential for VMT reduction with implementation of this action is 1% by 2020.	**N/A:** This is a municipal measure and not specifically applicable to the Project. Therefore, this measure is not applicable. It should be noted that the Project is a low VMT generator and would be compatible with any program the City develops to increase awareness of regional transit options, which the employees of the Project may use.
T2.1 Increase Walking and Biking: Expand Pedestrian Network and Increase Bicycle Parking.	The City will focus on implementation of traffic-calming projects and other necessary pedestrian amenities and safety improvements to enable walking as an attractive travel mode. The City will also identify opportunities to install bicycle parking in public areas and work with local employers	**Consistent**: This is a municipal measure and not specifically applicable to the Project. However, the Project is consistent with this policy because it does improve the pedestrian realm by improving the frontages surrounding the Project Site.

Table 4.8-1: City of Monterey Park Climate Action Plan Consistency		
Measure	**Description**	**Consistency**
	to facilitate the expansion or provision of end-of-trip facilities.	
T2.2 Increase Walking and Biking Provide End-Of-Trip Facilities	The City will work with local employers to facilitate the expansion or provision of these facilities. As part of the outreach, the City will spotlight the facilities offered to its own employees, which includes bike racks at City Hall, and changing rooms, lockers, and showers for most employees. Research has shown that VMT can be reduced by 2% to 5% through end-of-trip facilities. With 50% of the travel within the City associated with commuting, this action can achieve 1% VMT reduction by 2020.	**N/A:** This is a municipal measure and not specifically applicable to the Project. Therefore, this measure is not applicable.
T3. Transportation Demand Management (TDM)	Transportation demand management (TDM) is a series of strategies that aim to reduce single-occupancy automobile trips. These strategies frequently target commute trips associated with employment within a community. Under this program, private companies with less than 250 employees would be encouraged, but not required, to implement a TDM program for their employees. The City will designate a TDM Coordinator who will promote these programs at local businesses, show case the current municipal program as an example, and encourage additional TDM at existing and future businesses.	**Consistent**: This is a municipal measure and not specifically applicable to the Project. In addition, the Project would have far fewer than 250 employees and therefore is not required to implement a TDM program. Nonetheless, the Project would not obstruct the efforts of the City's TDM Coordinator to promote TDM programs for local business, and as such is consistent with implementation of this policy by the City.

Table 4.8-1: City of Monterey Park Climate Action Plan Consistency		
Measure	**Description**	**Consistency**
Water Conservation and Waste Reduction		
W1. Conserving Water	The City, in partnership with the San Gabriel Valley Water District, will continue to develop pilot or demonstration projects related to water conservation. The City will continue to work with the Water District to complete irrigation and revegetation of medians throughout the City with water-efficient irrigation equipment and native vegetation.	**Consistent:** The proposed Project would include landscaping on the site which would consist of native trees, shrubs, grasses, and groundcover, all of which would have very low or low water needs. The Project would include water efficient appliances per City and State codes. In addition, the Project is designed to include data center cooling technologies that minimize water use.
W2. Reducing Waste	This program allows the City to meet the 50 percent landfill diversion mandate required by State law while providing a service to residents and businesses. In addition to the Materials Recovery Facility (MRF) program, the City has additional waste diversion and recycling programs, ranging from backyard composting/ smart gardening workshops to participation in County-wide Household Hazardous Waste collection events.	**Consistent:** The proposed Project would be served by the local solid waste collection and recycling service that diverts waste consistent with City and State recycling and diversion targets.
Source: City of Monterey Park, 2012, City of Monterey Park Climate Action Plan, https://www.montereypark.ca.gov/DocumentCenter/View/581/Climate-Action-Plan?bidId=. Accessed April 22, 2024.		

As shown in **Table 4.8-1,** the proposed Project is consistent with the applicable policies within the City's CAP.

Consistency with the 2022 Scoping Plan

For the State of California, the 2022 Scoping Plan Update sets a path to achieve targets for carbon neutrality and reduce anthropogenic GHG emissions by 85 percent below 1990 levels by 2045 in accordance with AB 1279. The transportation, electricity, and industrial sectors are the largest GHG contributors in the State. The 2022 Scoping Plan Update plans to achieve the AB 1279 targets primarily through zero-emission transportation (e.g., electrifying cars, buses, trains, and

trucks). Additional GHG reductions are achieved through decarbonizing the electricity and industrial sectors.

Statewide strategies to reduce GHG emissions in the latest 2022 Scoping Plan Update include implementing SB 100, which would achieve 100 percent clean electricity by 2045; achieving 100 percent zero emission vehicle sales in 2035 through Advanced Clean Cars II; and implementing the Advanced Clean Fleets regulation to deploy zero-electric vehicle buses and trucks. The 2022 Scoping Plan Update would continue to implement SB 375. GHGs would be further reduced through the Cap-and-Trade Program carbon pricing and SB 905. SB 905 requires CARB to create the Carbon Capture, Removal, Utilization, and Storage Program to evaluate, demonstrate, and regulate carbon dioxide removal projects and technology. The Project would be compliant with CALGreen, including required number of EV chargers.

The 2022 Scoping Plan Update states that local CAPs that address the State's largest sources of emissions and prioritize transportation electrification, VMT reduction, and building decarbonization, contribute to the alignment between local climate action and the State's climate goals. As indicated above, the proposed Project would be consistent with the City's CAP. Further, project's GHG emissions associated with energy and mobile sources would be further reduced by the 2022 Scoping Plan Update measures described above. It should be noted that the City has no control over vehicle emissions, however, these emissions would decline in the future due to Statewide measures discussed above, as well as cleaner technology and fleet turnover. In addition, the Project generates minimal VMT and daily traffic trips due to a limited number of employees required to work at and service the data center. Thus, the Project does not create substantial GHG emissions from vehicles in any case.

The Project would not impede the State's progress towards carbon neutrality by 2045 under the 2022 Scoping Plan. The Project would be required to comply with applicable current and future regulatory requirements promulgated through the 2022 Scoping Plan.

As noted above, the thresholds of significance for purposes of CEQA review are consistency with the lead agency's applicable plans regarding reduction of GHG emissions. Nevertheless, for contextual purposes, the Project would not conflict with implementation of the 2022 Scoping Plan.

In conclusion, the Project would not conflict with an applicable plan, policy, or regulation of the lead agency adopted for the purpose of reducing GHG emissions. Therefore, the proposed Project would not result in significant effects.

Quantification of Project Emissions

Short-Term Construction Greenhouse Gas Emissions

The Project would result in direct emissions of GHGs from construction. Construction of the Project would result in direct emissions of CO_2, N_2O, and CH_4 related to the operation of construction equipment, and the transport of materials and construction workers to and from the Project site. The SCAQMD advises that construction GHG emissions be summed and amortized over the lifetime of a project (assumed to be 30 years), then the yearly amount be

added to the operational emissions.[36] The annual GHG emissions generated by construction of the Project is shown in **Table 4.8-2: Construction Greenhouse Gas Emissions.**

Table 4.8-2: Construction Greenhouse Gas Emissions	
Year	**$MTCO_2e$ per year**
Construction (2025)	511
Construction (2026)	471
Construction (2027)	361
Total	1,343
Amortized Over 30 Years	44.77
Source: CalEEMod version 2022.1. Refer to **Appendix G** and **Appendix A-2** for model outputs.	

As shown, the Project would result in the generation of a maximum of 511 $MTCO_2e$ and a minimum of 361 $MTCO_2e$ per year during construction, with an amortized 44.77 $MTCO_2e$ annually. The total GHG construction emissions were amortized over the 30-year lifetime of the Project (i.e., total construction GHG emissions were divided by 30 to determine the annual construction emissions estimate that can be added to the Project's operational emissions) in order to determine the Project's annual GHG emissions inventory. Once construction is complete, the generation of these GHG emissions would cease. Neither the City nor SCAQMD have an adopted threshold of significance for construction related GHG emissions. Therefore, GHG emissions related to construction were quantified and disclosed in this report for informational purposes only.

Long-Term Operational Greenhouse Gas Emissions

Operational or long-term emissions would occur over the life of the proposed Project. GHG emissions would result from area sources (consumer products, landscape maintenance equipment, and painting), vehicular traffic, and diesel fuel associated with the emergency generators. Operational GHG emissions would also result from indirect sources, such as off-site generation of electrical power, the energy required to convey water to, and wastewater from the Project, the emissions associated with solid waste generated from the Project, and any fugitive refrigerants from air conditioning or refrigerators.

The Project electricity usage would be mainly from the operation of the data center. The purpose of a data center is to house computer servers, which require electricity and cooling 24 hours a day to operate. Based on data in the **Appendix E**, Peak Power Demand Estimate Memorandum, the Project during peak load conditions would have a demand of 49,999 kilowatts per hour (KW/h). The analysis assumes 24/7 operations (8,760 hours per year) which would result in a maximum electrical usage of 437,991 megawatt hours (MWh) per year, including CalEEMod default assumptions for lighting for surface parking. The modeling also conservatively assumed

[36] The amortization period of 30-years is based on the standard assumption of the South Coast Air Quality Management District (South Coast Air Quality Management District, *Minutes for the GHG CEQA Significance Threshold Stakeholder Working Group #13,* August 26, 2009).

the 14 gen-sets would be used for up to 50 hours per year per generator for testing and maintenance. The generators would utilize diesel fuel.

Power Usage Effectiveness During Operation

Power usage effectiveness (PUE) is a metric to calculate the ratio of total facility power over IT equipment energy. Total facility power is the amount of power the facility uses which includes data center hardware, power delivery components, cooling and lighting systems. Whereas IT equipment includes energy related to the storage and networking equipment, and control equipment. The ideal PUE is one (1) where all power drawn by the facility goes to the IT infrastructure. The average PUE in 2019 was 1.67.[37] The proposed Project is anticipated to have a blended PUE of 1.2 due to free cooling modules on the air-cooled chillers, below the average for data centers. The proposed Project would be more efficient than the average data center.

Total GHG emissions associated with the Project are summarized in **Table 4.8-3: Operational Greenhouse Gas Emissions Opening Year**. The Project Site includes an office building that has been vacant since 2016. While the Project conservatively does not take credit for the historical emissions, there was a use on site in 2012 when the CAP was being prepared for the City. Therefore, net emissions would be less than shown in the table.

Table 4.8-3: Operational Greenhouse Gas Emissions Opening Year

Emissions Source	**MTCO$_2$e per Year[1]**
Amortized Construction Emissions	44.77
Area Source	5
Emergency Generators [2]	2,062
Mobile	80
Waste	70
Water and Wastewater	27
Refrigeration	0.1
Energy[3]	83,020
Total Emissions	85,309

1. Total values are from CalEEMod and may not add up due to rounding.
2. Emergency backup generator emissions calculated assuming 50 hours per year per generator (14 generators) for annual GHG analysis; regulatory compliance permitting requirements would limit daily criteria pollutant levels.
3. The servers in the data center were estimated to require approximately 50 MW of power per hour, and operations were conservatively estimated to be 8,760 hours per year. Total MW per year would be 437,991. Total CO_2e in tons per year would be 83,020. The Project does not include natural gas heaters or water heaters.

Source: CalEEMod version 2022.1. Refer to **Appendix G** and **Appendix A-2** for model outputs.

As shown above in **Table 4.8-3**, the emissions related to electricity use by the data center is a majority of the emissions. SCE is the utility providing electricity to the Project site. SCE's carbon

[37] Uptime Institute, Annual Data Center Survey Results, 2019, https://datacenter.com/wp-content/uploads/2019/06/data-center-survey-2019.pdf. Accessed May 7, 2024.

intensity factor in 2022 was 552 lbs CO_2e/MWh which includes 33.2 percent eligible renewable energy in the power mix.[38] Emissions associated with the Project's electricity consumption occur at power production facilities which are covered entities under the State's Cap-and-Trade regulations, which limit total GHG emissions by covered sources with decreasing allocations, and are subject to the RPS standard requiring the GHG intensity of electricity production to decrease steadily. These regulatory schemes serve as the foundation for the State's goal of net neutrality in 2045. Likewise, the implementation of these Statewide measures, including but not limited to SCE procuring and delivery electricity from renewable energy sources result in an annual reduction of GHG emissions associated with operation of the Project.

The Cap-and-Trade program covers approximately 80 percent of California's GHG emissions.[39] The statewide limit on GHG emissions from the capped sectors (i.e., electricity generation, industrial sources, petroleum refining, and cement production) will decline every year, achieving GHG emission reductions throughout the program's duration. The passage of AB 398 in July 2017 extended the duration of the Cap-and-Trade program from 2020 to 2030. The Cap-and-Trade program was extended in 2015 to cover combustion of fossil fuels including transportation fuels used in California. Accordingly, GHG emissions associated with the electricity usage and mobile sources of most projects that are subject to CEQA are covered by the Cap-and-Trade program.

Table 4.8-4: Trend of Project Greenhouse Gas Emissions Related to State Mandates shows the Project emissions in the opening year 2027, in 2035, consistent with the City's CAP horizon, and in 2045, the year the State will meet its carbon neutrality goal. **Table 4.8-4** also highlights the reduction in mobile emissions as passenger vehicle fleets become cleaner and technology improves. The trends show a steady decrease in Project GHG emissions, consistent with the overarching goals of the State's 2022 Scoping Plan and the City's CAP.

Table 4.8-4: Trend of Project Greenhouse Gas Emissions Related to State Mandates

	Annual Emissions ($MTCO_2e$ per Year)[1]		
Emissions Source	**2027 (Project Opening)**	**2035 (CAP Horizon)**	**2045 (CA GHG Neutrality)**
Mobile	80	71	67
Area	5	5	5
Energy[2]	83,020	62,657	0
Water	21	18	0
Waste	70	70	70
Generators	2,062	2,062	2,062
Total	85,258	64,883	2,204

1. Total values are from CalEEMod and may not add up due to rounding.

[38] Southern California Edison, 2022 Power Content Label, https://www.energy.ca.gov/filebrowser/download/6072. Accessed April 22, 2024.
[39] California Air Resources Board, Cap-and-Trade Program: Frequently Asked Questions, September 2022. https://ww2.arb.ca.gov/sites/default/files/2022-09/nc-FAQ_CT.pdf. Accessed April 22, 2024.

2. The Project does not include natural gas. GHG emissions from electricity are shown to decline in accordance with State mandates and regulations including RPS standard that requires an increasing amount of renewable energy electric utilities procure to comply with the various goals including 50 percent eligible renewable energy resources in 2030. In line with the Governor's mandate emissions in 2045 are shown to achieve the carbon neutrality goal.

Source: CalEEMod version 2022.1. Refer to **Appendix G** for model outputs.

As shown above in **Table 4.8-3** and **Table 4.8-4**, the majority of GHG emissions associated with the Project is the electricity energy use (approximately 97 percent). Because GHG emissions from covered entities are accounted for in the State's GHG future inventories and reduction targets and are subject to existing regulatory schemes to reduce emissions, those emissions are considered consistent with the 2022 Scoping Plan Update.

The Project would include a variety of energy efficiency measures including all applicable City and State green building measures such as California Code of Regulations Title 24, Part 6 (Energy Code) and Part 11 (CALGreen). The Project is designed to minimize wasteful energy consumption, with a projected PUE much lower than the average achieved by data centers. In addition, the Project would be consistent with applicable CAP goals (discussed in detail above) aimed to reduce GHG emissions.

4.9 Hazards and Hazardous Materials

This Section is based on the Phase I Environmental Site Assessment ("ESA") (Partner Engineering and Science, Inc., April 2023), which is included in its entirety in **Appendix H: Phase I Environmental Site Assessment**.

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?			X	
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?		X		
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?				X
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?				X
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?				X
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?			X	
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?				X

Impact Analysis

4.9a Would the project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

Less Than Significant Impact. The Project involves the demolition of the existing buildings and surface parking lot and construction of the data center building, equipment yard, substation, parking, and landscaping. The Project would involve the use of common types of potentially hazardous materials such as cleaners, pesticides for landscaping, and diesel fuel for generators.

Use of these types of common materials does not create a significant hazard to the public and does not differ materially from the types of materials stored and used in traditional commercial and business operations. In addition, pursuant to MPMC Section 21.14.190(H), the Project would not routinely use a hazardous material that has a degree of hazard rating in health, flammability or reactivity of Class 4 as ranked by U.F.C. Standard 79-3 or succeeding standard. Truck trips to deliver diesel fuel and other hazardous materials are expected to reach the Project Site via SR 60, Saturn Street, Potrero Grande Drive, and possibly other local streets which connect the Project Site to nearby highways. All potentially hazardous materials used on the Project site would be contained, stored, and used in accordance with manufacturer's instructions and handled in compliance with applicable standards and regulations. In accordance with federal and State law, the Project would be required to disclose hazardous materials handled at reportable amounts. Additionally, the Project Applicant would be required to prepare an emergency response and evacuation plan, conduct hazardous materials trainings, and notify employees who work in the vicinity of hazardous materials, in accordance with federal Occupational Health and Safety Administration ("OSHA") and California Division of Occupational Safety and Health ("Cal OSHA") requirements. For transport and handling of fuel, Cal OSHA requirements include establishment of an Injury and Illness Prevention Program (CCR Title 8, Section 6760) and also specify design requirements for underground fuel storage tanks (CCR Title 8, Section 6807). Aboveground fuel storage tanks would be subject to all requirements set forth in HSC Chapter 6.67 (Sections 25270 to 25270.13).

The Los Angeles County Fire Department Health Hazardous Materials Division (Health Hazardous Materials Division) is the Certified Unified Program Agency ("CUPA") for the City. As the CUPA, the Health Hazardous Materials Division is authorized to implement the California Aboveground Petroleum Storage Act. The Health Hazardous Materials Division inspects facilities that store petroleum products in aboveground tanks for compliance with the Act and applicable sections of the federal Spill Prevention, Control, and Countermeasure ("SPCC") rule. Installation of aboveground tanks on the Project Site would be subject to this inspection, and Project operation would comply with all relevant regulations.

The Health Hazardous Materials Division also administers the California Accidental Release Prevention Program within the City. The program requires assessment of hazard potential from the storage of hazardous materials on-site and the implementation of a Risk Management Plan to minimize the risk of accidental release. The fuel storage tanks would pose a risk to soils if an accidental release of fuel occurred. A Risk Management Plan would be required for the Project to ensure the storage tanks are maintained and operated in a way that minimizes the risk of release. In the event of an accidental release, the Health Hazardous Materials Division would oversee required cleanup and remediation as required by local, State, and federal regulation. In addition, the MPMC require the Project to file a business materials usage and operations form with the Public Works Department before the approval of a certificate of occupancy. With implementation of the required permit conditions and regulatory controls outlined above, impacts related to the routine use, transport, or disposal of hazardous materials would be less than significant.

4.9b Would the project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

Less Than Significant Impact with Mitigation Incorporated.

Construction

Project construction would require digging and excavation that could result in the accidental release of hazardous materials. According to the Phase I ESA conducted for the Project Site, no recognized environmental conditions ("REC") were found on-site. No historical RECs ("HREC") were identified during the Phase I ESA. However, a controlled REC ("CREC") was identified on-site. The Project Site was previously recorded on the State Water Resources Control Board ("SWRCB") GeoTracker database as a Leaking Underground Storage Tanks ("LUST") Cleanup site for three historical underground storage tanks ("UST"). The three USTs operated to supply an on-site emergency generator system associated with the former tenants of the existing building. According to a soil sampling report prepared by AEM in December 2018, upon removal of the three USTs in 2018, residual concentrations of fuel constituents were not detected above their laboratory method reporting limits in any of the collected soil or groundwater samples. In April 2020, the Los Angeles County Department of Public Works issued a letter to the Los Angeles Regional Water Quality Control Board ("LARWQCB") that indicated their review of the 2018 soil sampling report and referral of the matter to the LARWQCB for further action. A letter prepared by the LARWQCB in June 2022 determined that, based on their review of the documentation, the low concentrations of the pollutants in the areas of the three historic USTs pose low threats to human health; therefore, no further action was required. Accordingly, the risk of hazard to the public or the environment through future upset conditions is low because the CREC identified on-site has been resolved to the satisfaction of the regulatory agencies.

Furthermore, the LARWQCB indicated that there may be residual concentrations of pollutants in the soil on-site that could pose an unacceptable risk as a result of future construction/redevelopment activities and/or change to a more sensitive land use from commercial use. Responsible parties, landowners, and contractors performing subsurface activities at the Project Site should be prepared to manage properly to avoid threats to human health or the environment. The Project does not change the use of land on the site to a more sensitive use, and instead transitions the type of building on the land from one commercial use to another type of commercial use. Also note that the historical USTs and closed LUST case are considered a CREC. Thus, based on the regulatory closure, reported removal of the identified USTs, completion of assessment and remedial activities, and indicated analytical results meeting the applicable regulatory standards for commercial use, the historical USTs and closed LUST case are considered a CREC, and no further action or investigation are warranted at this time.

Nonetheless, in an abundance of caution, and because construction activities for the Project would result in temporary ground-disturbing activities Project would implement **MM HAZ-1**, which would require preparation of a Soil Management Plan (SMP) to address potential soils with residual impacts remaining on the Project Site during future construction/redevelopment activities. With implementation of **MM HAZ-1**, impacts would be reduced to less than significant.

Furthermore, due to the age of the existing building (constructed in 1979), there is a potential that asbestos-containing materials (ACMs) are present. Additionally, during the on-site visit conducted for the Phase I ESA, readily visible suspect ACMs were observed in fair to good condition. Construction of the Project would demolish the existing building and remove any existing ACM pursuant to the applicable regulatory controls that ensure ACM is not released to the environment during the demolition process. Also, in compliance with OSHA standards, a comprehensive asbestos survey of the Project Site would be completed before demolition to determine the presence, condition, friability and likely future condition of suspect or confirmed ACM. All suspect materials would be handled as ACM according to local, State, and federal regulations until the results of sampling and analysis indicate the material is a non-ACM. Therefore, compliance with pertinent regulations regarding the handling and disposal of ACM would ensure that construction of the Project would result in a less than significant impact regarding ACMs.

Operation

Given the Project's nature, the emergency generators would not be used on a consistent or routine basis. Diesel leaks are unlikely, but should they occur, they would be contained within the enclosed generator housing, which is installed on a concrete pad, thus, any spilled diesel fuel could be cleaned up without significant hazard to the public or environment. The use of diesel generators for back-up energy supply is common for many commercial operations that require power reliability.

The CUPA administers inspection of businesses that use hazardous materials or generate hazardous waste and ensures compliance with federal and State regulations listed in Response 4.9a. Facilities that store, handle, or transport hazardous materials are required to procure businesses plans and adhere to strict procedures enforced by agencies with jurisdictions over those business plans. Those facilities must also adhere to strict procedures enforced by those agencies with jurisdiction over businesses or areas that routinely use or handle hazardous materials. Project operations would comply with all CUPA, U.S. EPA, and Department of Toxic Substances Control ("DTSC") Standards.

Routine maintenance would require diesel fuel for each generator, as discussed above in **Section 4.6: Energy**. Project operations are not expected to release any hazardous materials as a result of foreseeable upset and accident conditions. The use and storage of such materials would be required to continue to occur in compliance with applicable standards and regulations, and would not pose significant hazards. It is anticipated that the use of such hazardous materials would not create a significant hazard associated with a risk of upset or accident conditions involving the release of hazardous materials during Project operations. A less than significant impact would occur in this regard.

4.9c Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

No Impact. The Project Site is not within one-quarter mile of an existing or proposed school. The nearest school is Hillcrest Elementary School located approximately 0.40-mile northeast of the Project Site. Therefore, the Project would result in no impact in this regard.

4.9d Would the project be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

No Impact. Government Code Section 65962.5 refers to the Hazardous Waste and Substances Site List, commonly known as the Cortese List, maintained by the DTSC. The Cortese list contains hazardous waste and substance sites including public drinking water wells with detectable levels of contamination, sites with known USTs having a reportable release, solid waste disposal facilities from which there is a known migration, hazardous substance sites selected for remedial action, historic Cortese sites, and sites with known toxic material identified through the abandoned site assessment program. The Project site is not identified on a compiled hazardous materials site list pursuant to California Government Code Section 65962.5. Therefore, no impact would occur.

4.9e For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?

No Impact. The Project Site is not located within or near an airport land use plan. The nearest airport is the privately-owned Whittier Air Strip located approximately 2.3 miles east of the Project Site in the City of El Monte. Therefore, the Project would not result in an airport-related safety hazard or excessive noise for people working in the Project area. No impact would occur in this regard.

4.9f Would the project impair implementation of or physically interfere with an emergency response plan or emergency evacuation plan?

Less Than Significant Impact. The Project Site is located in an established urban area that is well-served by an existing roadway network. According to the Los Angeles County Department of Public Works, SR 60, located approximately 0.4-mile south of the Project Site, is designated as a freeway disaster route. Garfield Avenue, located approximately 0.7-mile west of the Project Site, is designated as a disaster route.[40] These disaster routes would not be subject to any lane closures as a result of the Project. Construction activities, particularly those associated with infrastructure improvements, may encroach adjacent roadways and may require temporary and intermittent closure of the lane closest to the Project Site along Saturn Street. Nonetheless, while such closures may cause temporary inconvenience, they would not be expected to substantially

[40] Los Angeles County Department of Public Works, City of Monterey Park, 2008, https://pw.lacounty.gov/dsg/DisasterRoutes/map/Monterey%20Park.pdf. Accessed February 7, 2024.

interfere with emergency response or evacuation plans, including the Los Angeles County Operational Area Emergency Operations Plan.[41] Furthermore, the Project would be designed according to applicable fire code standards and would provide adequate circulation and access to facilitate emergency response. Project design and access would be reviewed by MPFD to ensure that emergency access would be maintained. Therefore, the Project would not conflict with the City's adopted emergency response plan or emergency evacuation plan, and impacts would be less than significant.

4.9g Would the project expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?

No Impact. The Project Site is in a fully urbanized area and it is not adjacent to any wildland. Additionally, according to the California Department of Forestry and Fire Protection (CAL FIRE), the Project Site is not within a State Responsibility Area (SRA) or a very high fire hazard severity zone (VHFHSZ); see **Section 4.20: Wildfire**. Therefore, the Project would not expose people or structures to a significant risk involving wildland fires. No impact would occur.

Mitigation Measures

MM HAZ-1 **Soil Management Plan.** Before the Building Official issues grading permits, a site-specific Soil Management Plan ("SMP") must be prepared by a qualified environmental professional approved by the City and submitted to the City of Monterey Park Building and Safety Division. The SMP must include the following elements, as applicable:

- Provisions for personal protection and monitoring exposure to construction workers,
- Requirements for construction workers to be Hazardous Waste Operations and Emergency Response ("HAZWOPER") trained,
- Procedures to be undertaken in the event that contamination is identified above action levels or previously unknown contamination is discovered,
- Procedures for the safe storage, stockpiling, and disposal of any impacted soils,
- Emergency procedures and responsible personnel.

[41] Los Angeles County, Operational Area Emergency Operations Plan, 2023, https://ceo.lacounty.gov/wp-content/uploads/2023/11/County-of-Los-Angeles-OAEOP-2023-Final-for-Website.pdf. Accessed February 16, 2024.

4.10 Hydrology and Water Quality

This Section is based on the Water Resources Technical Report (WRTR) (Fuscoe Engineering, Inc., May 2024), which is included in its entirety in **Appendix I: Water Resources Technical Report.**

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?			X	
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the projects may impede sustainable groundwater management of the basin?			X	
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
(i) Result in substantial erosion or siltation on- or off-site.			X	
(ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site;			X	
(iii) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or			X	
iv) Impede or redirect flood flows?			X	
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?			X	
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?			X	

Impact Analysis

4.10a Would the project violate water quality or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?

Less Than Significant Impact.

Construction

The Project's construction-related activities would include demolition, excavation, grading, and trenching, which would displace soils and temporarily increase the potential for soils to be subject to wind and water erosion and may allow eroded soils and other pollutants to enter the storm drain system. Construction projects of one acre or more are regulated under the CGP, Order No. 2022-0057-DWQ, issued by the SWRCB. Projects obtain coverage by developing and implementing a SWPPP estimating sediment risk from construction activities to receiving waters and specifying BMPs that would be used to minimize pollution of stormwater.

The Project's construction contractor would be required to prepare and implement a SWPPP and associated BMPs in compliance with the CGP during grading and construction activities. Typical construction BMPs include, but are not limited to, watering soil, soil cover of inactive areas, gravel bags, and fiber rolls. Project construction activities would also comply with the requirements of MPMC Chapter 6.30, Stormwater and Urban Runoff Pollution Prevention Controls, which requires stormwater and urban runoff pollution prevention controls.

Adherence to the BMPs in the SWPPP and requirements in the MPMC would reduce, prevent, minimize, and/or treat pollutants and prevent degradation of downstream receiving waters. BMPs identified in the SWPPP would reduce or avoid contamination of stormwater with sediment and other pollutants such as trash and debris; oil, grease, fuels, and other toxic chemicals; paint, concrete asphalt, etc.; and nutrients. Therefore, water quality and waste discharge impacts from Project demolition, grading, and construction activities would be less than significant.

Operation

Operation-related activities of the Project would generate pollutants that could adversely affect the water quality of downstream receiving waters if effective measures are not used to keep pollutants out of and remove pollutants from urban runoff. Requirements for waste discharges to stormwater from operation of developed land uses within the coastal watersheds of Los Angeles and Ventura Counties are in the Regional Phase I Municipal Separate Storm Sewer System NPDES Permit (MS4 Permit), Order NO. R4-2021-0105, issued by the LARWQCB in 2021. Los Angeles County has a LID Standards Manual on developing water quality management plans for projects and selecting stormwater control and source control BMPs in addition to other LID strategies. To meet the local MS4 permit and LID requirements consistent with the County's LID Ordinance and LID Standards Manual, stormwater management strategies would be implemented throughout the Project Site.

The LID Manual establishes an order of priority of LID BMPs when screening potentially feasible LID BMPs:

1. infiltration systems
2. stormwater capture and use
3. high efficiency biofiltration/bioretention systems, and
4. combination of any of the above.

According to the Geotechnical Investigation prepared for the Project, infiltration is not considered geotechnically feasible and is therefore not recommended. The next BMP strategy on the list, Capture and Use, is also not recommended by the WRTR as there are limited landscaped areas with appropriate water demand for the captured runoff to be directed to. The Project would therefore implement the next BMP strategy, biofiltration BMPs, in the form of six bioretention planter boxes along the western and eastern ends of the proposed data center building, that would be designed to accommodate an 85th percentile (0.9-inch), 24-hour storm. As the existing Project Site does not have any structural or LID BMPs on-site, implementation of the proposed LID features would significantly improve surface water quality runoff compared to existing conditions. Additionally, Project operation itself would not result in discharges that would cause regulatory standards to be violated in the Los Angeles River Watershed. Therefore, water quality and waste discharge impacts from Project operation would be less than significant.

For the reasons expounded above, Project impacts to water quality and waste discharge would be less than significant.

4.10b Would the project substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?

Less Than Significant Impact. The City overlies the Central Subbasin of the Los Angeles Coastal Plain Groundwater Basin. The Central Basin is divided into three sections: the Los Angeles Forebay, the Montebello Forebay, and the Whittier Area. The two forebays represent areas of unconfined aquifers that allow percolation of surface water down into the deeper aquifers to replenish the basins. The Whittier Area is a confined aquifer system that is replenished primarily from the upgradient forebays and adjacent groundwater basins.

The Project would not include any groundwater pumping and would instead rely on the local water purveyor for water. Additionally, no water supply wells are located at or within one thousand feet of the Project Site. The Project would not include the construction of any water supply wells, nor would the Project impact any existing water supply wells. Furthermore, as stated in Response 4.7a.iii, groundwater was not encountered in any of the exploratory borings performed on-site to the maximum depth of 36.5 bgs, and dewatering is not anticipated for the Project. The Project Site is also not within a groundwater recharge area or facility, nor does it represent a source of groundwater recharge. Therefore, the Project would not substantially deplete groundwater supplies nor interfere substantially with groundwater recharge such that the Project would impede the basins' sustainable groundwater management, and impacts would be less than significant.

4.10c.i Would the project substantially alter the existing drainage pattern of the site or area, including through the alterations of the course of stream or river or through the addition of impervious surfaces, in a manner which would result in substantial erosion or siltation on- or off-site?

Less Than Significant Impact. See response to Response 4.10a, above. The construction contractor would be responsible for preparation and implementation of a SWPPP in compliance with LARWQCB's GCP. This includes maintenance of BMPs during the life of the Project and submittal of the annual reports.

Upon Project development, the Project would include LID biofiltration BMPs in the form of new bioretention planter boxes that would accommodate an 85th percentile (0.9-inch), 24-hour storm, consistent with the requirements of the MS4 Permit and LID Standards Manual. Compliance with existing regulations and BMPs developed to minimize erosion and siltation would reduce this impact to a less than significant level. Project infrastructure would connect to existing off-site storm drain infrastructure, and no upgrades or expansion of such off-site facilities would occur with Project implementation. Standard BMPs designed to prevent erosion during and after construction, as well as the introduction of pervious land uses in the Project Site, would slow stormwater runoff velocities and allow sediment to settle out of the water, and the nature of drainage patterns on the Project Site would capture trash and debris and restrict flow of debris into the storm drain system. Water runoff would be minimized to the extent possible, and the Project would comply with the requirements of the MS4 Permit. The Project would be designed to meet local, State, and federal water quality standards and to ensure that stormwater flows do not result in substantial erosion or siltation.

Therefore, post-development runoff would be adequately handled by the Project's drainage system and would not exceed the capacity of existing or planned stormwater drainage systems or substantially alter the existing drainage pattern of the Project Site or area in a manner that would result in flooding on- or off-site. Therefore, Project impacts would be less than significant.

4.10c.ii Would the project substantially alter the existing drainage pattern of the site or area, including through the alterations of the course of stream or river or through the addition of impervious surfaces, in a manner which would substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?

Less Than Significant Impact. See response to Response 4.10c.i, above.

Project development would decrease the amount of impervious surfaces on the Project Site from 66 percent to 62 percent. On-site runoff from the Project Site would be collected in the new bioretention planter boxes, which would accommodate an 85th percentile (0.9-inch), 24-hour storm. The WRTR includes an analysis of the 10-year, 25-year, and 50-year frequency design storm events for existing and proposed conditions; see **Table 4.10-1: Existing Versus Proposed Conditions for 10-Year, 25-Year, and 50-Year Storm Events**.

Table 4.10-1: Existing Versus Proposed Conditions for 10-Year, 25-Year, and 50-Year Storm Events		
10-Year Storm Event		
Condition	**% Imperviousness**	**Q_{10} (cfs)**
Existing	66	23.2
Proposed	62	21.4
25-Year Storm Event		
Condition	**% Imperviousness**	**Q_{25} (cfs)**
Existing	66	31.5
Proposed	62	28.8
50-Year Storm Event		
Condition	**% Imperviousness**	**Q_{50} (cfs)**
Existing	66	36.1
Proposed	62	34.4
Q = peak flow for the 10-year, 25-year, and 50-year storm events; cfs = cubic feet per second Source: Fuscoe Engineering, Inc., Water Resources Technical Report, 2024.		

Based on the results of **Table 4.10-1**, implementation of the Project would decrease the peak flow discharge for the 10-year, 25-year, and 50-year events as compared to existing conditions. Accordingly, the Project would not result in on- or off-site flooding.

Therefore, post-development runoff would be adequately handled by the Project's drainage system and would not exceed the capacity of existing or planned stormwater drainage systems or substantially alter the existing drainage pattern of the Project Site or area in a manner that would result in flooding on- or off-site, and impacts would be less than significant.

4.10c.iii Would the project substantially alter the existing drainage pattern of the site or area, including through the alterations of the course of stream or river or through the addition of impervious surfaces, in a manner which would create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?

Less Than Significant Impact. As described above in Responses 4.10a and 4.10c.i, Project impacts on the capacity of storm drainage systems and stormwater pollution would be less than significant.

4.10c.iv Would the project substantially alter the existing drainage pattern of the site or area, including through the alterations of the course of stream or river or through the addition of impervious surfaces, in a manner which would impede or redirect flood flows?

Less Than Significant Impact. According to the WRTR, the Project Site is located within a flood hazard area identified by the Federal Emergency Management Agency (FEMA) as Zone X, which is defined as an area outside of the 0.2 percent (500-year) annual chance floodplain. However, the Project Site is located within the dam inundation area of the Garvey Reservoir. The Garvey Reservoir is a reservoir located approximately 0.4-mile north of the Project Site that is impounded by three embankment dams.

Garvey Reservoir is classified by the State Department of Water Resources, Division of Safety of Dams (DSOD) as an extremely high downstream hazard. However, as of September 2023, the

dam was given a Satisfactory Condition Assessment by the DSOD, and no existing or potential dam safety deficiencies were recognized.[42] Acceptable performance is expected under all types of loading conditions (static, hydrologic, seismic) in accordance with the minimum applicable State or federal regulatory criteria or tolerable risk guidelines. FEMA requires that all dam owners develop Emergency Action Plans (EAPs) for warning, evacuation, and post-flood actions. An EAP identifies potential emergency conditions at a dam and specifies actions to be followed to help minimize loss of life and property damage should those conditions occur. EAPs include procedures dam owners will follow to issue early warning and notification messages to responsible downstream emergency management authorities. EAPs also include inundation maps to help dam owners and emergency management authorities identify critical infrastructure and population-at-risk sites that may require protective measures, warning, and evacuation planning. Thus, the potential for dam flooding at the Project Site is considered low. Therefore, the Project would not impede or redirect flood flows, and impacts would be less than significant.

4.10d Would the project in flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?

Less Than Significant Impact. As noted in Response 4.10c.iv, the Project Site is in an area of minimal flood hazard. Although the Project Site is within the dam inundation area of the Garvey Reservoir, as of September 2023, no existing or potential dam safety deficiencies were recognized, and acceptable performance is expected under all types of loading conditions. Thus, the potential for dam flooding at the Project Site is considered low.

Tsunamis are sea waves that are generated in response to large-magnitude earthquakes. When these waves reach shorelines, they sometimes produce coastal flooding. The Project Site is located approximately 22 miles inland from Pacific Ocean and is therefore not at risk of tsunami.

Seiches are large waves generated in enclosed bodies of water in response to ground shaking. There are two aboveground water tanks associated with the La Loma Reservoir located upslope of the Project Site to the northwest. Seiches have the potential to develop within the water tanks during seismic events. However, such tanks are required to be designed and constructed in compliance with the American Water Works Association Standards for Design of Steel Water Tanks to reduce the potential for seiches in water tanks where overflow or structural failure may result in damage to nearby properties. As the water tanks are designed in compliance with these design standards, the likelihood for seiches within the water tanks is low. Therefore, impacts regarding seiches are less than significant.

Based on the reasons above, the Project would not risk release of pollutants due to floods, tsunami, or seiche. Therefore, impacts would be less than significant.

[42] California Department of Water Resources, Division of Safety of Dams. Dams Within Jurisdiction of the State of California, 2023, page 36, https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/All-Programs/Division-of-Safety-of-Dams/Files/Publications/DAMS-WITHIN-JURISDICTION-OF-THE-STATE-OF-CALIFORNIA-LISTED-ALPHABETICALLY-BY-DAM-NAME-SEPTEMBER-2023.pdf. Accessed March 20, 2024.

4.10e Would the project conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

Less Than Significant Impact. As substantiated in Response 4.10a, through compliance with pertinent existing laws and regulations, the Project would not violate any water quality standards and therefore would not obstruct the implementation of a water quality control plan.

The Project Site is in the Los Angeles Coastal Plain Groundwater Basin, which is identified by the Sustainable Groundwater Management Act (SGMA) as a very low priority basin.[43] The SGMA requires only medium- and high-priority basins to form groundwater sustainability agencies, develop groundwater sustainability plans, and manage groundwater for long-term sustainability. Therefore, the San Gabriel Valley Basin does not require a sustainable groundwater management plan. Additionally, as further detailed in Response 4.10b, the Project would not decrease groundwater supplies or interfere substantially with groundwater recharge. Therefore, impacts would be less than significant.

[43] Sustainable Groundwater Management Agency, SGMA Data Viewer, https://sgma.water.ca.gov/webgis/?appid=SGMADataViewer#boundaries. Accessed March 21, 2024.

4.11 Land Use and Planning

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Physically divide an established community?				X
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?				X

Impact Analysis

4.11a Would the project physically divide an established community?

No Impact. The Project Site is developed with a commercial office building, associated surface parking lot, and grass lot, and is surrounded by office, residential, and utility uses. No new streets or other physical barriers which could physically divide an established community are proposed. Although established residential neighborhoods lie to the north and west of the Project Site, Project development would not physically divide these neighborhoods in any way because the Project would be developed within the Project Site, and all off-site infrastructure improvements would be contained within roadways adjacent to the Project Site such that they would not transect those neighborhoods. Access to the existing residential neighborhoods would not be impeded or cut off as a result of Project development. Therefore, the Project would not physically divide an established community. No impact would occur in this regard.

4.11b Would the project cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

No Impact.

General Plan

The Project Site has a General Plan land use designation of Innovation/Technology. The primary uses allowed within this land use designation include research and development, light manufacturing, service commercial, professional offices, entertainment, and breweries/wineries/distilleries. The General Plan states that the “Saturn Park district provides prime properties, easy access to arterial roadways and freeways, and locations near housing perfect for new, clean technology, and creative industries." The General Plan also states that “Saturn Park will continue to function as a business park focused on the office-type and research and development uses, with supportive commercial businesses.” The Project would develop a data center facility, which is a type of new clean technology industry, and is thereby consistent with the types of uses, and intent of, the General Plan for properties designated as Innovation/Technology.

In addition, the Project is consistent with the applicable goals and policies of the General Plan, including but not limited to the following. Goal 25: Saturn Park as a destination business park for high-quality service industry, research and development, and emerging industry jobs – aligns with the Project because it would redevelop a vacant parcel with a new emerging industry (data center) use that facilitates the goal of making Saturn Park a destination business park. In addition, the Project is consistent with Policy 25.2, which is to "market the Saturn Park district as a premier location in the San Gabriel Valley for emerging technology business" because the Project would redevelop the currently underutilized site with a quality emerging technology business. The Project proposes to develop a data center, which is a permitted use within the Innovation/Technology General Plan land use designation. Furthermore, the maximum FAR for the Innovation/Technology designation is 0.60. The proposed FAR for the Project is 0.32, which is below the maximum permitted FAR.

Further, Project development would not include or require any amendments to the General Plan. Finally, Project compliance with the General Plan would be verified through the City's development review process. Therefore, the Project would not conflict with the any of the City's land use plan, policies, or regulations that have been adopted for the purpose of avoiding or mitigating an environmental effect, and no land use conflict related to General Plan consistency is expected to occur.

Zoning

The Project Site is zoned Office Professional (Voter Enacted) (O-P). Principal uses permitted in this zone include data processing facilities. The O-P Zone is intended to provide for the development of integrated professional, office and limited retail areas that exhibit a diversity of business activity from both revenue and service quality standpoints, and which are compatible and responsive to abutting land uses, including residential developments. The Project would be subject to compliance with the O-P development standards specified in MPMC Chapter 21.14, O-P – Office Professional Zone (Voter Enacted), which would be verified through the City's plan check review process. In addition, the Project is seeking a Development Agreement and activation of the BRDZ for the Project Site.

The Project would be required to provide 848 parking spaces per Table 21.22(C) of MPMC Section 21.22.120, Minimum Parking Spaces Required. As the projected number of employees would require far fewer parking spaces than what is prescribed in the MPMC, the Applicant is requesting a demand-based parking reduction. The reduced demand for on-site parking is a beneficial element of the Project because the Project generates far less vehicle trips than other commercial uses that could occupy the Site under the current zoning. Upon City approval, the Project would include 68 parking spaces adjacent to the eastern and northern sides of the proposed data center building. Similarly, the Applicant has requested a CUP for development on a lot size over one acre, and if needed, a CUP for mechanical equipment height, both of which are permitted by the MPMC. Also as permitted by the MPMC, the Development Agreement would contain zoning standards activated by the BRDZ for the Project characteristics analyzed herein.

Therefore, the Project would not conflict with the O-P Zone or BRDZ designation's intended uses and standards. Therefore, the Project would be consistent with the zoning of the Project site, and no land use conflict related to zoning consistency would occur.

Overall, the Project would be consistent with the land use and zoning of the Project Site, and no impact would occur.

4.12 Mineral Resources

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?				X
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?				X

Impact Analysis

4.12a Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

4.12b Would the project result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?

No Impact. According to the California Geological Survey, the Project Site is within the San Gabriel Production-Consumption Region. However, the Project Site is not within a designated Resource Sector within the region, which are areas classified as containing significant aggregate resources (i.e., within Mineral Resource Zone 2) and not precluded from mining by incompatible land uses.[44] The entire City is urbanized, and past land use changes to accommodate planned urbanization preclude mining activities in the City. Furthermore, the City's General Plan does not include any locally-important mineral resource recovery sites.[45] Therefore, mining would not be feasible, and the City is not considered to be a potential future source for mineral resources. Additionally, the Project Site and immediate vicinity currently does not contain any active mining or drilling operations.[46,47] Therefore, the Project would not result in the loss of availability of a known mineral resource or a locally-important mineral resource recovery site. No impact would occur in this regard.

[44] California Geological Survey, Update of Mineral Land Classification for Portland Cement Concrete-Grade Aggregate in the San Gabriel Valley Production-Consumption Region, Los Angeles County, California, 2010.
[45] City of Monterey Park, Monterey Park General Plan, Resources Element, 2001, https://www.montereypark.ca.gov/DocumentCenter/View/14211/Resources-Element?bidId. Accessed February 5, 2024.
[46] DOC, Well Finder, https://maps.conservation.ca.gov/doggr/wellfinder/. Accessed February 5, 2024.
[47] DOC, Mines Online, 2016, https://maps.conservation.ca.gov/mol/index.html. Accessed February 5, 2024.

4.13 Noise

This Section is based on the *Noise and Vibration Analysis Memorandum* (Kimley-Horn, September 2024), which is included in **Appendix J: Noise and Vibration Analysis Memorandum**, and **Appendix A-2: Offsite Improvements for Southern California Service.**

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?			X	
b) Generate of excessive ground borne vibration or groundborne noise levels?			X	
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?				X

Regulatory Setting

To limit population exposure to physically or psychologically damaging as well as intrusive noise levels, the Federal government, the State of California, various county governments, and most municipalities in the State have established standards and ordinances to control noise.

Federal

Federal Transit Administration Noise and Vibration Guidance

The Federal Transit Administration (FTA) has published the Transit Noise and Vibration Impact Assessment Manual (FTA Transit Noise and Vibration Manual) to provide guidance on procedures for assessing impacts at different stages of transit project development. The report covers both construction and operational noise impacts and describes a range of measures for controlling excessive noise and vibration. In general, the primary concern regarding vibration relates to potential damage from construction. The guidance document establishes criteria for evaluating the potential for damage for various structural categories from vibration.

State

California Government Code

California Government Code Section 65302(f) mandates that the legislative body of each county and city adopt a noise element as part of its comprehensive general plan. The local noise element must recognize the land use compatibility guidelines established by the State Department of

Health Services. The guidelines rank noise land use compatibility in terms of "normally acceptable," "conditionally acceptable," "normally unacceptable," and "clearly unacceptable" noise levels for various land use types. Single-family homes are "normally acceptable" in exterior noise environments up to 60 CNEL and "conditionally acceptable" up to 70 CNEL. Multiple-family residential uses are "normally acceptable" up to 65 CNEL and "conditionally acceptable" up to 70 CNEL. Schools, libraries, and churches are "normally acceptable" up to 70 CNEL, as are office buildings and business, commercial, and professional uses.

Title 24 – Building Code

The State's noise insulation standards are codified in the California Code of Regulations, Title 24: Part 1, Building Standards Administrative Code, and Part 2, California Building Code. These noise standards are applied to new construction in California for interior noise compatibility from exterior noise sources. The regulations specify that acoustical studies must be prepared when noise-sensitive structures, such as residential buildings, schools, or hospitals, are located near major transportation noise sources, and where such noise sources create an exterior noise level of 65 dBA CNEL or higher. Acoustical studies that accompany building plans must demonstrate that the structure has been designed to limit interior noise in habitable rooms to acceptable noise levels. For new multi-family residential buildings, the acceptable interior noise limit for new construction is 45 dBA CNEL.

Groundborne Vibration

Caltrans' *Transportation and Construction Vibration Manual* provides thresholds of vibration for building damage and human annoyance. Based on the Caltrans criteria, construction vibration impacts would be significant if vibration levels exceed 0.5 inches per second (in/sec) peak particle velocity (PPV) at older residential structures, which is the limit for potential building damage at these structures. For human annoyance, construction vibration impacts would be significant if vibration levels exceed 0.25 in/sec PPV at the nearest structure.[48]

Local

City of Monterey Park General Plan

The City of Monterey Park Noise Standards are developed from those of several federal and State agencies including the Federal Highway Administration (FHWA), the U.S. EPA, the Department of Housing and Urban Development (HUD), the American National Standards Institute (ANSI), and the State of California Department of Health Services. These standards set limits on the noise exposure level for various land uses. As with the California Noise Standards described above, these General Plan standards are related to the siting of land uses and are not typically used as thresholds of significance for determining noise impacts associated with construction and operation of the Project. However, the standards do provide a means for judging whether an existing noise environment would be compatible with development of a new noise-sensitive land use or whether a new use would create an incompatible noise environment for existing noise-sensitive uses. The General Plan does not have a Noise Element; however, the Safety Element

[48] Caltrans, Transportation and Construction Vibration Guidance Manual, 2020.

provides specific objectives to ensure that City residents will be protected from excessive noise. The other elements of the 2022 General Plan do not have policies related to noise or vibration. The following policies from the Safety Element are applicable to the Project:

Safety Element

Goal 12: Minimize the impact of point-source noises and ambient noise levels throughout the community.

Policy 12.1: Continue to enforce the noise regulations within the Monterey Park Municipal Code (MPMC) to control point-source noise.

Policy 12.2: Incorporate noise impact considerations into the development review process**,** particularly the relationship of parking and ingress/egress, loading, and refuse collection areas to surrounding residential and other noise-sensitive land uses.

Policy 12.4: Enforce and revise as necessary City regulations regulating hours for construction activity.

City of Monterey Park Municipal Code

MPMC Section 21.14.150, Compressors, Air-Conditioning Units or Similar Mechanical Equipment, requires that mechanical equipment located on the roof and outside of the exterior walls of the any building zoned in an office-professional zone must be installed with permanent sound-proofing measures and must comply with the noise standards set forth in Chapter 4.50, Regulation of Noise and Other Disturbances.[49] MPMC Chapter 4.50 has established noise standards for residential, commercial, and industrial uses. MPMC Section 4.50.080, Sound Level Limits – Established, states that ambient noise levels must not exceed the measured median ambient noise levels or the following presumed ambient noise levels identified in **Table 4.13-1: Established Sound Level Limits** below, whichever is greater:

Table 4.13-1: Established Sound Level Limits

Land Use	Time Period	Level
Residential	Nighttime	50 dBA
	Daytime	55 dBA
Neighborhood Commercial	Anytime	60 dBA
Other Commercial	Anytime	65 dBA
Industrial	Anytime	70 dBA

Source: City of Monterey Park Municipal Code Chapter 4.50 Regulation of Noise and other Disturbances.

MPMC Chapter 4.50, Regulation of Noise and Other Disturbances, provides specific noise restrictions and exceptions for noise sources within the City. MPMC Section 4.50.100, Sound Level Limits – Exceptions, states that construction activities between 7:00 A.M. and 7:00 P.M.

[49] MPMC Section 21.14.150 requires equipment to comply with standards set in MPMC Chapter 9.53. However, MPMC Chapter 9.53 was repealed, and Chapter 4.50 was added to regulate noise in the City during the Monterey Park City Council Meeting held on March 3, 2021.

Monday through Friday, and between 9:00 A.M. and 6:00 P.M. on Saturdays, Sundays, and Holidays are not subject to the noise level limits established in the MPMC.

Existing Conditions

Existing Noise Sources

Mobile noise sources, especially cars, trucks, motorcycles, and aircraft, are the City's most common and substantial noise sources. The existing mobile noise sources in the Project area are the motor vehicles traveling on Saturn Street, South Orange Avenue, and Potrero Grande Drive. The primary stationary noise sources in the Project vicinity are those associated with the surrounding industrial, commercial, and residential uses. Such stationary noise sources include mechanical equipment (e.g., heating, ventilation, and air conditioning [HVAC] equipment and substation equipment), parking lot noise, moving vehicles, music playing, dogs barking, and people talking. The noise associated with these sources may represent a single-event noise occurrence or short-term noise.

Noise Measurements

To quantify existing ambient noise levels in the Project area, Veneklasen Associates conducted three short-term noise measurements and two long-term measurements on January 31, 2024; see Attachment B of **Appendix J**. The noise measurement sites were representative of typical existing noise exposure within and immediately adjacent to the Project Site; see **Figure 4.13-1: Noise Measurement Locations**. The noise levels and sources of noise measured at each location are listed in **Table 4.13-2: Existing Noise Measurements**.

Table 4.13-2: Existing Noise Measurements

Site	Location	Average Level (dBA)	Daytime Level (dBA)	Nighttime Level (dBA)
ST-1	Southwest corner of the existing building on-site	64	-	-
ST-2	Northwest corner of the existing Project Site	64	-	-
ST-3	Southeast corner of the Project Site	65	-	-
LT-1	West edge of the Project Site by the residences along Iris Way	55	56	54
LT-2	Northeast corner of the Project Site by Orange Avenue	60	61	56

Source: Noise measurements taken by Veneklasen Associates, January 31, 2024.

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FIGURE 4.13-1: NOISE MEASUREMENT LOCATIONS
1977 Saturn Data Center Project
Initial Study/Mitigated Negative Declaration

NOT TO SCALE

Kimley»Horn

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Sensitive Receptors

Noise exposure standards and guidelines for various types of land uses reflect varying noise sensitivities associated with uses. As stated in the General Plan Safety Element, land uses considered sensitive receptors include residences, playgrounds, childcare centers, long-term health facilities, hospitals, schools, childcare facilities, and places of assembly. As shown in **Table 4.13-3: Sensitive Receptors,** sensitive land uses surrounding the Project consist of mostly residential communities to the north, east, west of the Project Site. To quantify noise exposure levels near the Project Site, the long-term noise measurement locations (see **Figure 4.13-1: Noise Measurement Locations**) were chosen for proximity to sensitive receptors including:

Table 4.13-3: Sensitive Receptors

Receptor Description	Distance and Direction[1]
Single-Family Residences	65 feet west
Single-Family Residences	165 feet northeast

1. Distance measured from the Project site boundary to the sensitive receptor property line.
Source: Nearmap, 2024.

Impact Analysis

4.13a Would the project result in generation a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Less Than Significant Impact.

Construction Noise

Construction noise typically occurs intermittently and varies depending on the nature or phase of construction. Noise generated by construction equipment can reach high levels. During construction, exterior noise levels could affect the noise-sensitive receptors near the construction site. Construction activities would include demolition, site preparation, grading, building construction, paving, and architectural coating. Such activities may require excavators, dozers, and concrete saws during demolition; tractors and dozers during site preparation; cranes, forklifts, generator sets, tractors, and welders during building construction; pavers, paving equipment, and rollers during paving; and forklifts, generator sets, welders, and air compressors during interior building construction. Typical operating cycles for these types of construction equipment may involve 1 or 2 minutes of full power operation followed by 3 to 4 minutes at lower power settings. Other primary sources of acoustical disturbance would be random incidents, which would last less than one minute (such as dropping large pieces of equipment or the hydraulic movement of machinery lifts). Noise generated by construction equipment, including dozers, excavators, loaders, forklifts, and air compressors, can reach high levels. L_{max} is the maximum level of a noise source environment and is often used as a threshold value for typical noise levels of construction activities. Typical noise levels associated with individual construction equipment are listed in **Table 4.13-4: Typical Construction Noise Levels.**

Table 4.13-4: Typical Construction Noise Levels	
Equipment	**Typical Noise Level (dBA) at 50 feet from Source[2]**
Air Compressor	80
Auger/Drill Rig	84
Backhoe	80
Compactor	82
Concrete Mixer	85
Concrete Pump	82
Concrete Vibrator	76
Crane, Mobile	83
Dozer	85
Dump Truck	77
Excavator	81
Generator	82
Grader	85
Jack Hammer	88
Loader	80
Paver	85
Pneumatic Tool	85
Pump	77
Roller	85
Saw	76
Shovel	82
Truck	84

1. Calculated using the inverse square law formula for sound attenuation: $dBA_2 = dBA_1+20Log(d_1/d_2)$
2. Where: dBA_2 = estimated noise level at receptor; dBA_1 = reference noise level; d_1 = reference distance; d_2 = receptor location distance.

Source: Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, September 2018.

Daytime construction noise is not typically a concern for human health and is a common occurrence within the urban environment. Construction activity between the hours of 7:00 A.M. and 7:00 P.M. Monday through Friday, and between 9:00 A.M. and 6:00 P.M. on Saturdays, Sundays, and Holidays are exempt from the MPMC noise standards. Although construction is not expected to occur outside of these times, a construction noise impact analysis, estimating the potential temporary increase in ambient noise, is performed in accordance with the FTA thresholds.

The Project's existing surroundings include both residential and commercial uses. Following the FTA methodology for quantitative construction noise assessments, FHWA's Roadway Construction Noise Model (RCNM) was used to predict construction noise. All construction

equipment is assumed to operate at the main construction area of the Project Site.[50] During construction, equipment would be operating throughout the Project Site and not all equipment would be operating at the point closest to the sensitive receptors. The main construction activity area for the Project would occur mainly around the center of the Project Site due to the building location and orientation. Therefore, the distance used in the model was approximately 530 feet from the center of the Project Site to the nearest sensitive receptor (adjacent to the Project Site to the west) and 380 feet to the nearest commercial receptor to the south; refer to **Appendix J** for construction noise modeling results. The MPMC does not establish quantitative construction noise standards, and Section 4.50.100(a) of the MPMC provides that construction activities are not subject to the noise level limits established in the MPMC. Nonetheless, for informational purposes only, this analysis conservatively uses the FTA's criteria of 80 dBA L_{eq} for residential uses and 85 dBA L_{eq} for commercial uses to evaluate construction noise impacts.[51]

Table 4.13-5: Construction Noise Level shows the maximum noise levels for each individual construction phase, assuming simultaneous use of equipment assumed for each phase. The highest exterior noise level at the residential use located to the west of the Project Site is estimated to be 67.1 dBA L_{eq}, which would not exceed the FTA's criteria of 80 dBA L_{eq} for residential uses. The highest exterior noise level during the offsite improvements at the residential use located to the north of the Project Site is estimated to be 72.0 dBA L_{eq}, which would not exceed the FTA's criteria of 80 dBA L_{eq} for residential uses. At the nearest commercial use approximately 380 feet south, the highest noise level would be 70.0 dBA L_{eq}, which would not exceed the FTA's criteria of 85 dBA L_{eq} for commercial uses.

Table 4.13-5: Construction Noise Levels

Construction Phase	Receptor Location			Modeled Exterior Noise Level (dBA L_{eq})[2,3]	Noise Threshold (dBA L_{eq})[4]	Exceeded?
	Land Use	Direction	Distance (feet)[1]			
Phase 1 Demolition	Commercial	South	380	68.8	85	No
Phase 1 Demolition	SFR	West	530	65.9	80	No
Phase 1 Demolition	SFR	Northeast	680	63.8	80	No
Phase 1 Site Prep	Commercial	South	380	70.0	85	No
Phase 1 Site Prep	SFR	West	530	67.1	80	No
Phase 1 Site Prep	SFR	Northeast	680	65.0	80	No
Phase 1 Grading	Commercial	South	380	69.7	85	No
Phase 1 Grading	SFR	West	530	66.8	80	No
Phase 1 Grading	SFR	Northeast	680	64.6	80	No
Phase 1 BC	Commercial	South	380	68.5	85	No
Phase 1 BC	SFR	West	530	65.6	80	No
Phase 1 BC	SFR	Northeast	680	63.4	80	No

[50] For the purposes of this analysis, the main construction activity areas are defined as the anticipated building construction area. Although some construction activities may occur at distances closer than 380 feet from the nearest properties, construction equipment would be dispersed throughout the Project Site during various construction activities. Therefore, main construction activity areas represent the most appropriate distance based on the sporadic nature of construction activities.

[51] Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, Table 7-3, page 179.

Phase 1 Paving	Commercial	South	380	68.9	85	No
Phase 1 Paving	SFR	West	530	66.0	80	No
Phase 1 Paving	SFR	Northeast	680	63.9	80	No
Phase 2 IC	Commercial	South	380	62.7	85	No
Phase 2 IC	SFR	West	530	59.9	80	No
Phase 2 IC	SFR	Northeast	680	57.7	80	No
Phase 2 Arch. Coating	Commercial	South	380	56.1	85	No
Phase 2 Arch. Coating	SFR	West	530	53.2	80	No
Phase 2 Arch. Coating	SFR	Northeast	680	51.1	80	No
Offsite Improvements	SFR	North	200	72.0	80	No

1. Distance is from the nearest receptor to the main construction activity area on the Project site. Not all equipment would operate at the closest distance to the receptor.
2. Modeled noise levels conservatively assume the simultaneous operation of all pieces of equipment.
3. The FTA Noise and Vibration Manual establishes construction noise standards of 80 dBA $L_{eq(8\text{-}hour)}$ for residential uses.

Abbreviations: SFR – Single-Family Residence, BC – Building Construction, IC – Interior Construction

Source: Federal Highway Administration, Roadway Construction Noise Model, 2006. Refer to Attachment A of **Appendix J** and Attachment A of **Appendix A-2** for noise modeling results.

Although the noise generated by Project construction would be higher than ambient noise levels, construction would be temporary and cease once Project construction is completed. Construction activities would comply with General Plan Policy 12.4 and MPMC Section 4.50.100, Sound Level Limits – Exceptions, and limit construction between the hours of 7:00 A.M. and 7:00 P.M. Monday through Friday, and between 9:00 A.M. and 6:00 P.M. on Saturdays, Sundays, and Holidays are exempt from the MPMC noise standards. While construction may cause short-term annoyance to adjacent uses, it would be temporary and restricted to the hours permitted by the City's noise ordinance. In any case, the MPMC exempts noise from construction activities from the noise level limits established in the MPMC. Therefore, construction noise impacts would be less than significant.

Operational Noise

Project implementation would introduce new noise sources in the Project vicinity. The Project's primary noise sources that could potentially impact nearby noise-sensitive land uses include, mechanical equipment (e.g., cooling equipment, generators, etc.), parking lot (daily arrival and departure of cars), and loading dock/truck noise. The Project's mechanical equipment noise modeling was analyzed in the Exterior Noise and Exterior Façade Acoustical Analysis provided by Veneklasen Associates (see Attachment B of **Appendix J**).

As indicated above, the MPMC Section 21.14.150, Compressors, Air-Conditioning Units or Similar Mechanical Equipment, limits noise levels generated by mechanical equipment to the measured median ambient noise level or the presumed ambient noise levels listed in **Table 4.13-1**, whichever is greater, per Chapter 4.50, Regulation of Noise and Other Disturbances.[52] As shown in **Table 4.13-2**, the ambient noise level at the nearest residences would be above the presumed ambient noise levels and therefore should be used as the ambient noise requirement for the site. The ambient noise requirement would be 56 dBA L_{eq} during the daytime and 54 dBA L_{eq} during

[52] As described above, Chapter 9.53 was repealed, and Chapter 4.50 was added during a Monterey Park City Council Meeting on May 3, 2021.

the nighttime for the single-family residences to the west, and 61 dBA L_{eq} during the daytime and 56 dBA L_{eq} during the nighttime for the single-family residences to the northeast. At the nearest commercial receptor, the presumed median ambient noise requirement would be 65 dBA L_{eq}.

Mechanical Equipment

Potential stationary noise sources related to long-term Project operations include mechanical equipment (e.g., chillers and generators). The modeling utilized the 2023 SoftNoise Predictor computer program to calculate noise due to the chillers and generators at the nearest receptors. Chiller units would be surrounded by a 16-foot absorptive barrier on the rooftop on the proposed Project building. The chiller units were conservatively modeled to operate for 24-hours at 100 percent capacity. The generators would be located outside along the north face of the building surrounded by a 20-foot precast screen wall. Generator noise would occur during generator testing (a monthly process by which each generator is started and run for short durations, typically 15-30 minutes, with only one generator being tested at a time; monthly testing would occur during daytime hours only) or during emergency situations (typically defined as the interruption of grid provided power during which up to 12 of the generators, depending on the demand of the data center, would provide electricity until grid power is restored). Section 4.50.050, Noise Disturbances – Exemptions, of the MPMC states that generators used during an emergency situation are exempt from the noise standards. Therefore, the noise levels generated for generators running during emergency situations were not evaluated.

As indicated in **Table 4.13-6: Mechanical Equipment Noise Levels**, noise levels from the different mechanical equipment operating scenarios would be below the ambient noise levels and would not exceed the City's standards. Therefore, the Project would result in less than significant impacts concerning mechanical equipment noise levels.

Table 4.13-6: Mechanical Equipment Noise Levels

Receptor	Project Operational Noise Level - Daytime (dBA L_{eq})[1]	Ambient Noise Level - Daytime (dBA L_{eq})[2]	Exceed?	Project Operational Noise Level - Nighttime (dBA L_{eq})	Ambient Noise Level - Nighttime (dBA L_{eq})[2]	Exceed?
Single Family Residences (West)	50	56	No	50	54	No
Single Family Residences (Northeast)	56	61	No	56	56	No
Commercial Use (Northeast)	55	65	No	55	65	No

1. Ambient daytime noise levels include the operations of the two generators closest to sensitive receptors for generator testing.
2. Per MPMC Section 4.50.080, the generated noise levels must not exceed the median ambient noise level at the receptors or the measured ambient noise level, whichever is greater.

Source: Refer to Attachment B of **Appendix J** for noise modeling results.

Loading Dock and Trash/Recycling Truck Pickups

During loading activities and trash and recycling pickups, noise would be generated by the trucks' diesel engines, exhaust systems, and brakes during low gear shifting' braking activities; opening and closing of the trash/recycling bins. The Project would have two loading docks and trash enclosures located in the northwest and northeast corner of the proposed Project building. The typical loading dock/trash pickup noise level is approximately 64 dBA L_{eq} at 50 feet. Truck loading and trash pickup would be infrequent and during the daytime hours. Therefore, on-site loading dock noise and trash/recycling pickup noise would not materially contribute to increases in daytime ambient noise. When weighted over a 12-hour period, truck loading/trash pickup noise would be 54 dBA L_{eq} at 50 feet. At the nearest sensitive receptor to the west and northeast, the noise level would be approximately 42 dBA L_{eq} and 38 dBA L_{eq} respectively without accounting for any surrounding attenuation features. The hours of deliveries and trash/recycling pickup activity would be dependent on the MPMC and the service provider. Therefore, the Project's truck loading/trash pickup noise level would not significantly impact the Project's contribution to the daytime ambient noise levels at the surrounding receptors and would result in less than significant impacts.

Mobile Traffic Noise

The Project is anticipated to generate 52 daily trips, with up to 36 trips during the day and up to 16 trips during the night.[53] In general, a 3-dBA increase in traffic noise is barely perceptible to people while a 5-dBA increase is readily noticeable. Traffic volumes on Project area roadways would have to approximately double for the resulting traffic noise levels to generate a barely perceptible 3-dBA increase.[54] Saturn Street is classified in the City General Plan Circulation Element as a Minor Arterial that supports up to 40,000 vehicles per day. According to Replica Traffic Data, Saturn Street currently carries 889 vehicles per day.[55] As noted above, the Project would result in approximately 52 daily trips, which would not result in a doubling of existing traffic volumes on Saturn Street, or nearby through streets. The Project would not generate enough traffic to result in a noticeable 3-dBA increase in ambient noise levels. Therefore, the Project would result in a less than significant impact from Project-related traffic noise.

Parking

Parking stalls would be located along the east of the proposed Project building. As explained above, the Project would not generate a substantial amount of trips and parking activities would be minimal on-site. Parking activities would anticipate a maximum of 18 vehicles during the day and 8 vehicles during the night.[56] Therefore, noise levels generated by Project parking would be at a 1-hour maximum of 39 dBA L_{eq} at 50 feet during the day and 35 dBA L_{eq} at 50 feet during the night. Due to the variability in parking throughout the day and night, when weighted over the daytime and nighttime periods, noise generated by parking would be even lower. Thus, vehicle

[53] Kimley-Horn and Associates, Transportation Analysis and Vehicle Miles Traveled Screening, 2024.
[54] According to the Caltrans, Technical Noise Supplement to Traffic Noise Analysis Protocol (September 2013), it takes a doubling of traffic to create a noticeable (i.e., 3 dBA) noise increase.
[55] Replica, Annual Average Daily Traffic, 2022.
[56] The Project anticipates a total of 26 employees with 18 employees available during the day and 8 employees during the night. Thus, the greatest amount of parking activity during the day or night would be 18 vehicles.

access would not significantly impact the Project's contribution to ambient noise levels at the nearby receptors and parking noise impacts would be less than significant.

Composite Noise

Exterior noise levels associated with mechanical equipment, truck loading/trash pickup, and the parking lot would contribute to Project's impact on the surrounding ambient noise levels. However, as described above, noise generated from truck loading/trash pickup and parking lot noise would not reach high levels when weighted over the daytime and nighttime periods. When combined with the Project's mechanical equipment contribution remains unchanged from those shown in **Table 4.13-6**. Therefore, the composite noise levels from the Project (chillers, truck loading, parking lot, and mobile noise) would be below the thresholds and the Project would comply with Chapter 4.50 of the MPMC. Thus, composite noise impacts associated with the operations of the Project would be less than significant.

4.13b Would the project generate excessive groundborne vibration or groundborne noise levels?

Less Than Significant Impact.

Construction

Increases in groundborne vibration levels attributable to the Project would be primarily associated with short-term construction-related activities. Project construction could result in varying degrees of temporary groundborne vibration, depending on the specific construction equipment used and the operations involved. Construction activities could occur as close as 65 feet from the nearest residential buildings. **Table 4.13-7: Typical Construction Equipment Vibration Levels** identifies vibration velocity levels at 25 feet and 65 feet for various types of equipment likely to operate at the Project Site during construction.

Table 4.13-7: Typical Construction Equipment Vibration Levels

Equipment	Peak Particle Velocity at 25 Feet (in/sec)	Peak Particle Velocity at 65 Feet (in/sec)
Vibratory compactor/roller	0.210	0.050
Large Bulldozer	0.089	0.021
Loaded Trucks	0.076	0.018
Small Bulldozer	0.003	0.001
Source: Federal Transit Administration, Transit Noise and Vibration Impact Assessment Manual, 2018.		

The City has not adopted specific standards for vibration impacts during construction. Therefore, the Caltrans *Transportation and Construction Vibration Guidance Manual (2020)* is used to evaluate construction vibration impacts related to potential building damage. Based on the Caltrans criteria, construction vibration impacts would be significant if vibration levels exceed 0.5 in /sec PPV for building damage; and exceed 0.25 in/sec PPV for human annoyance in structures. As shown in **Table 4.13-7,** the vibration velocities at 65 feet from construction equipment could be up to 0.050 in/sec PPV at the nearest structure. Therefore, construction vibration would be well below and not exceed either the 0.25 in/sec PPV threshold for human annoyance or the 0.5

in /sec PPV for structural damage threshold for older structures. Thus, vibration impacts during Project construction would be less than significant.

Operations

The Project would not generate groundborne vibration during operations that could be felt at surrounding uses. Project operations would not involve railroads or substantial heavy truck operations, and therefore would not result in vibration impacts at surrounding uses. As a result, impacts from vibration associated with Project operation would be less than significant.

4.13c Would the project be located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the Project expose people residing or working in the project area to excessive noise levels?

No Impact. Refer to Response 4.9e. The nearest airport to the Project Site is the San Gabriel Valley Airport located approximately 5.1 miles northeast of the Project Site. The Project is not within 2 miles of the nearest airport and would not be impacted by airport noise. Additionally, there are no private airstrips located within the Project vicinity. Therefore, the Project would not expose people residing or working in the Project area to excessive airport- or airstrip-related noise levels, and no impact would occur.

4.14 Population and Housing

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?			X	
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?				X

Impact Analysis

4.14a Would the project induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

Less Than Significant Impact. The Project proposes to construct a data center and does not include the construction of residential uses. Project construction would temporarily increase the number of persons present at the Project Site. However, these construction workers would only be present at the Project Site during Project construction. Once operational, the Project would require approximately 26 employees, which are anticipated to be hired from the local population. Should Project-related employees relocate to the area, the local housing stock would be adequate to accommodate the additional workers. The Project would not result in a substantial increase in employment such that population growth could be induced directly or indirectly. Additionally, the Project does not propose the extension of new major infrastructure or uses that would indirectly induce substantial population growth. Therefore, impacts would be less than significant.

4.14b Would the project displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?

No Impact. There is no housing on the Project Site. Therefore, the Project would not displace existing people or housing, or require construction of replacement housing elsewhere. No impact would occur in this regard.

4.15 Public Services

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physical altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
a) Fire protection?			X	
b) Police protection?			X	
c) Schools?				X
d) Parks?				X
e) Other public facilities?				X

Impact Analysis

4.15a Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physical altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for fire protection?

Less Than Significant Impact. The Monterey Park Fire Department (MPFD) provides fire, rescue, and emergency services to the City. The closest fire station is MPFD Station 62 located approximately 0.7-mile west of the Project Site at 2001 Garfield Avenue. Project construction would require temporary lane closures on streets adjacent to the Project Site for utility relocation, delivery of materials, and sidewalk construction. However, Project construction would not require the complete closure of any public streets during construction, and temporary construction activities would not impede the use of the streets for emergencies or access for emergency vehicles. During temporary partial street closure, emergency access and traffic detours would be established in coordination with the City and would conform to City standards. Because the Project would not include housing or other uses that would induce substantial population growth in the area, the Project would not increase demand on fire protection providers such that new facilities are required.

The Project would be designed according to applicable fire code standards and would provide adequate circulation and access to facilitate emergency response during Project operation in accordance with City standards. The Project would provide two new driveways along Saturn Street. One driveway is proposed to be located along the western perimeter of the Project Site, and the other driveway is proposed to be located along the eastern perimeter of the Project Site. These new driveways would be located closer to the western and eastern boundaries of the Project Site compared to the existing driveways. Both driveways would connect to via an internal access lane which would also operate a fire access lane and provide an unobstructed width of 26 feet.

Furthermore, although construction activities would temporarily increase the number of persons present at the Project Site, these workers would only be present at the Project Site during construction of the Project. Once operational, the Project would introduce up to 26 employees. Because the Project would not include housing or other uses that would induce substantial population growth in the area, the Project would not increase demand on fire protection providers such that new facilities are required. Similarly, the Project replaces one commercial building with another commercial building, which would not increase the need for public services to maintain acceptable service ratios or response times. The Project would be designed according to applicable fire code standards and would provide adequate circulation and access to facilitate emergency response during Project operation in accordance with MPFD standards. Diesel transport, fueling, and operations would be subject to compliance with applicable federal, State, and local regulations identified in **Section 4.9: Hazards and Hazardous Materials.** The Project would result in a less than significant impact concerning fire protection services.

4.15b Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physical altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for police protection?

Less Than Significant Impact. The Monterey Park Police Department (MPPD) provides police protection services to the City. The MPPD is approximately 1.4 miles northwest of the Project Site at 320 West Newmark Avenue. As discussed in Response 4.15a, Project construction could encroach on adjacent roadways and temporarily impact street access and traffic flow. However, Project construction would not require the complete closure of any public streets during construction, and temporary construction activities would not impede the use of the streets for emergencies or access for emergency vehicles. During temporary partial street closure, emergency access and traffic detours would be established in coordination with the City.

During operations, the Project would include new security fencing enclosing the Project Site in addition to the existing perimeter fence. Two secured access gates would be provided, one for each proposed driveway. The access gates would remain locked, except during operations and maintenance activities. A pedestrian gate would also be located adjacent to the southern side of the proposed data center building that would provide access to the sidewalk along Saturn Street. The Project would also include security measures such as security lighting, a surveillance camera system, and 24/7 security personnel. The Project would temporarily increase the number of persons present at the Project Site that would only be present during construction activities, and up to 26 employees during operation. Because the Project would not include housing or other uses that would induce substantial population growth in the area, the Project would not increase demand on police protection providers such that new facilities are required. Similarly, the Project replaces one commercial building with another commercial building, which would not increase the need for public services to maintain acceptable service ratios or response times. The City has confirmed that a project of this nature would not be subject to police development impact fees. The Project would result in a less than significant impact concerning police protection services.

4.15c Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physical altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for schools?

No Impact. The Project would not include any residential uses. As mentioned, the Project would not induce population growth and thus would not increase the demand for school services. The Project would not require new or physically altered school facilities, therefore, would not result in adverse physical impacts in this regard. The Project would result in no impact concerning school facilities.

4.15d Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physical altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for parks?

No Impact. See Response 4.16 below.

4.15e Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physical altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for other public facilities?

No Impact. Other public facilities such as libraries and hospitals are typically provided to serve residents within the City. Given the Project has no residential component, Project implementation would not increase demand for other public facilities such as libraries and hospitals. Therefore, the Project would not require new or physically altered public facilities such as libraries and hospitals and therefore would not result in adverse physical impacts in this regard. The Project would result in no impact concerning public facilities.

4.16 Recreation

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?				X
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?				X

Impact Analysis

4.16a Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

4.16b Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?

No Impact. The recreational facility nearest the Project Site is La Loma Park located approximately 135 feet northwest from the Project Site. Because the Project would not include housing or other uses that would induce substantial population growth in the area, the Project is not anticipated to increase the demand for existing recreational facilities or generate a demand for new ones. The limited number of employees during operation of the Project would not materially increase use of local recreation facilities. Further, Project implementation is not anticipated to increase the use of existing recreational facilities such that substantial physical deterioration of a facility would occur or be accelerated. The Project does not propose or require new or physically altered recreational facilities and therefore would not result in adverse physical impacts in this regard. No impact would occur.

4.17 Transportation

This Section is based on the *Transportation Analysis and Vehicle Miles Traveled Screening Memorandum* (Kimley-Horn, April 2024), which is included in **Appendix K: Transportation Analysis and Vehicle Miles Traveled Screening Memorandum.**

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Conflict with a program plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycles, and pedestrian facilities?				X
b) Conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?			X	
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (for example, farm equipment)?			X	
d) Result in inadequate emergency access?			X	

Impact Analysis

4.17a Would the project conflict with a program plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?

No Impact. Regional access to the Project Site would be provided via SR 60, I-10, SR 164, and I-710, located approximately 0.4-mile south, 2.1 miles north, 2.8 miles east, 3.1 miles west of the Project Site, respectively. Local access to the Project Site is provided via Saturn Street to the south.

Local bus service is provided by the Monterey Park Spirit Bus Route 5 on Saturn Street. There are no designated bicycle paths within the vicinity of the Project Site, and the Project would not preclude implementation of any bike routes identified in the City Circulation Element of the General Plan. Pedestrian access, which would remain upon buildout, is provided via an existing sidewalk along the portion of Saturn Street that abuts the southeastern portion of the existing commercial office building. The Project would enhance walkability by constructing new pedestrian sidewalk areas along the Project Site frontage. Pedestrian access within the Project Site would also be provided via a walkway along the western, southern, and eastern sides of the data center. A pedestrian gate with sidewalk connection to the public right-of-way would be provided on Saturn Street west of the new eastern driveway.

The proposed Project would not conflict with any adopted policies, plans, or programs regarding alternative transportation because no changes to existing transportation policies, plans, or programs would result from Project implementation. Therefore, the Project would result in no impact in this regard.

4.17b Would the project conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?

Less Than Significant Impact. CEQA Guidelines Section 15064.3 codifies the change from level of service to VMT as a metric for transportation impact analysis. Pursuant to SB 743, VMT analysis is the primary method for determining CEQA impacts. According to CEQA Guidelines Section 15064.3(a), VMT refers to the amount and distance of automobile travel attributable to a project. The City adopted their Transportation Study Guidelines for Vehicle Miles Traveled and Level of Service Assessment (Transportation Study Guidelines) (September 2020) to provide transportation analysis requirements for land development, roadway projects, and specific plans in the City. As stated within the Transportation Study Guidelines, there are three types of screening that may be applied to effectively screen projects from project-level assessment. A project may be screened out of VMT analysis if it meets one or more of the following screening steps: (1) Transit Priority Area (TPA) Screening; (2) Low VMT Area Screening; or (3) Project Type Screening.

As shown in **Appendix K**, there will be 26 employees at the building throughout the day, with 18 employees available during the day and 8 employees available during the night. The 26 employees at the Project per day equates to a total of 52 daily vehicle trips. The Project itself is not an employee-intensive use and therefore does not generate a material number of daily vehicle trips or VMT. The 26 employees at the Project per day equates to a total of 52 daily vehicle trips, which is far less than the 110 daily vehicle trips threshold set forth in the Transportation Study Guidelines for project-type screening analysis. As such, the Project would meet one of the screening criteria identified in the City's Transportation Study Guidelines. Therefore, the Project is presumed to have a less-than-significant transportation impact and qualifies for being screened out from further VMT analysis. Impacts would be less than significant.

4.17c Would the project substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

Less Than Significant Impact. Vehicular access is currently provided via two driveways off Saturn Street, one each off the eastern and western boundaries of the Project Site. Vehicular access to the Project Site would be provided via two new gated driveways located along Saturn Street. One driveway is proposed to be located along the western perimeter of the Project Site, and the other driveway is proposed to be located along the eastern perimeter of the Project Site. These new driveways would be located closer to the western and eastern boundaries of the Project Site compared to the existing driveways. These two driveways would connect with each other along the northern side of the proposed equipment yard. The driveway along the eastern perimeter of the Project Site would serve as the main entry to the Project Site for passenger and service vehicles. Additionally, an internal, 26-foot-wide drive aisle would be included for general circulation and fire access. The designs and dimensions of the driveways would be designed to comply with the City's current design requirements. The Project would not have the potential to increase hazards due to geometric design. Thus, the Project does not propose any improvements

with potential to increase hazards due to incompatible uses. The Project would result in a less than significant impact in this regard.

4.17d Would the project result in inadequate emergency access?

Less Than Significant Impact. See Response 4.9f.

4.18 Tribal Cultural Resources

This Section is based on AB 52 communications initiated by the City; see **Appendix L: Assembly Bill 52 Communications**.

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is				
i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k); or		X		
ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.		X		

Impact Analysis

4.18a.i Would the project cause a substantial adverse change in the significance of a tribal cultural resource, listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k)?

4.18a.ii Would the project cause a substantial adverse change in the significance of a tribal cultural resource- a resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe?

Less Than Significant With Mitigation Incorporated. Chapter 532 Statutes of 2014 (i.e., Assembly Bill 52 (AB 52)) requires that lead agencies evaluate a project's potential impact on "tribal cultural resources," which include "[s]ites, features, places, cultural landscapes, sacred places, and

objects with cultural value to a California Native American tribe that are eligible for inclusion in the California Register of Historical Resources or included in a local register of historical resources." AB 52 also gives lead agencies the discretion to determine, based on substantial evidence, whether a resource qualifies as a "tribal cultural resource." In compliance with PRC Section 21080.3.1(b), the City provided formal notification to California Native American tribal representatives identified by the California NAHC. Results of the Sacred Lands File Search conducted with the NAHC were positive, and the NAHC recommended further consultation with the Gabrieleno Band of Mission Indians-Kizh Nation in accordance with AB 52.

The City contacted the tribal representative of the tribe noted below pursuant to AB 52 requirements. Correspondence to and from the tribal representative is included in **Appendix L**.

- **Fernandeño Tataviam Band of Mission Indians**, Sarah Brunzell
- **Gabrieleno Band of Mission Indians-Kizh Nation**, Andrew Salas
- **Gabrieleno/Tongva San Gabriel Band of Mission Indians**, Anthony Morales
- **Gabrielino/Tongva Nation**, Sandonne Goad
- **Gabrielino Tongva Indians of California Tribal Council**, Robert Dorame
- **Gabrielino Tongva Indians of California Tribal Council**, Christina Conley
- **Gabrielino-Tongva Tribe**, Charles Alvarez
- **Santa Rosa Band of Cahuilla Indians**, Lovina Redner
- **Soboba Band of Luiseno Indians**, Joseph Ontieros
- **Soboba Band of Luiseno Indians**, Isaiah Vivanco

The City received a response from the Fernandeño Tataviam Band of Mission Indians on June 10, 2024 stating that they would not be requesting consultation pursuant to AB 52 for the Project. To date, no other responses from the Native American Tribes have been received as part of the AB 52 tribal consultation effort.

As discussed in Response 4.5b, an on-site pedestrian survey conducted in February 2024 did not identify artifacts or potential for significant buried remains. No other cultural resources (including prehistoric or historic archaeological or historic architectural resources) were identified during the field survey. Disturbances associated with previous excavation and construction of the existing commercial office building at the Project Site have been severe and have disrupted soil beyond depths at which buried cultural resources are likely. Therefore, the potential to encounter in-situ remains associated with significant archaeological materials during Project activities is low. Nevertheless, ground-disturbing activities have the potential to reveal buried deposits not observed on the surface during previous surveys. Therefore, the potential exists for the Project to result in a substantial adverse change in the significance of a previously unidentified Native American tribal cultural resource. With implementation of **MM TCR-1** through **MM TCR-3**, potential impacts to tribal cultural resources would be less than significant.

Mitigation Measures

MM TCR-1 The Project Applicant must retain a professional Native American monitor from or approved by a consulting Tribe. The monitor will be present during construction excavations such as clearing/grubbing, grading, trenching, or any other construction excavation activity associated with the Project. If cultural resources are encountered, the Native American monitor will have the authority to request ground disturbing activities cease within 50-feet of discovery to assess and document potential finds in real time. Monitoring activities will cease when potential for significant buried resources have been exhausted (e.g., at the completion of construction excavation activity), as determined by the Qualified Archaeologist and in consultation with the Native American monitor. The Native American monitor and archaeological monitor will be present during construction excavation activity. Personnel needs would be determined during a pre-construction meeting.

MM TCR-2 If significant Pre-Contact (predating Native American contact with Europeans) and/or Post-Contact (postdating Native American contact with Europeans) cultural resources are discovered and avoidance cannot be ensured, the qualified archaeologist must develop a treatment plan, the drafts of which will be provided to the City for review and approval, as detailed within MM CUL-1.

MM TCR-3 The Applicant must, in good faith, consult with the Tribe or Tribal Government that requested consultation under AB 52 retained Native American monitor on the disposition and treatment of any artifacts or other cultural materials if encountered during the Project grading.

4.19 Utilities and Service Systems

This Section is based on the *Water and Sewer Infrastructure Report* (Fuscoe Engineering, Inc., May 2024), which is included in its entirety in **Appendix M-1: Water and Sewer Infrastructure Report** and **Appendix M-2: Water Efficiency Memorandum.**

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
a) Require or result in the relocation or construction of new or expanded facilities concerning the following, the construction or relocation of which could cause significant environmental effects? i. Water, ii. Wastewater, iii. Wastewater Treatment, iv. Stormwater Drainage, v. Electric Power, Natural Gas, and Telecommunications.			X	
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?			X	
c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project projected demand in addition to the provider's existing commitments?			X	
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?			X	
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?			X	

Impact Analysis

4.19a.i Would the project require or result in the relocation or construction of new or expanded facilities concerning water, the construction or relocation of which could cause significant environmental effects?

Less Than Significant Impact. The City of Monterey Park Public Works Department, Engineering Division owns and maintains all water infrastructure within the City, including on-site and off-site facilities. The Project Site is currently served by an existing 12-inch water main running south on Orange Avenue to Saturn Street and an existing 12-inch water main running west on Saturn Street

to Atlas Avenue/Portrero Grande Drive. There is also an existing 8-inch water line running east from the intersection of Orange Avenue and Saturn Street to Potrero Grande Drive.

The City also owns and maintains on-site water infrastructure within an easement. There is an existing City-owned 12-inch water line on-site starting at the southerly drive entry and running north through the northern property line. There is also an existing City-owned 8-inch water line that tees off the existing 12-inch line and runs east through the Project Site and then southeasterly through the northerly drive entry to connect back with the 12-inch line in Saturn Street.

There are also currently three public on-site fire hydrants within an easement, and four public off-site fire hydrants surrounding the Project Site. All on-site and off-site hydrants are owned and maintained by the City.

During construction, water will be required intermittently for dust control, equipment cleaning, soil grading and preparation during the early phases of the Project. The latter phases of construction normally require less water usage. Since water usage during construction is typically less demanding than the water usage for the proposed Project, it is anticipated that existing water infrastructure would meet the limited, temporary water demand associated with construction of the Project, and that the water purveyor is able to provide water during construction.

It is anticipated that the Project may require construction of new lateral connections (services) to existing water lines and/or relocation of the existing 8-inch waterline within the site. Construction impacts associated with the installation of water services would primarily involve trenching in order to place the lines sufficiently below the ground surface. When considering impacts resulting from the installation of any required water infrastructure, all impacts are of a relatively short-term duration (i.e., weeks to months) and would cease to occur once the installation is complete. Installation of new or relocation of existing water infrastructure will be limited to on-site water distribution, and minor off-site work associated with connections to the public main. No upgrades to public water mains, other than onsite infrastructure, are anticipated. Before ground disturbance, Project contractors would coordinate with the City to identify the locations and depth of all lines.

Table 4.19-1: Estimated Existing Water Demand shows the estimated existing water demand for the Project Site. The existing water demand assumes 120 percent of the Los Angeles County Sanitation Districts (LACSD) wastewater generation factors. This estimate is appropriate to account for any additional water demand for possible minor losses on-site, such as water use due to human consumption (cooking, drinking, watering indoor plants, evaporation), that would deviate from the LACSD sewage generation factors. The Estimated Total Water Usage (ETWU) equation is used for landscaping which is assumed to be 30 percent of the Project Site. The ETWU calculation for landscaping is included in the Water and Sewer Infrastructure Report.

Table 4.19-1: Estimated Existing Water Demand			
Land Use	**Square Footage (SF)**	**Estimated Average Daily Sewage Flow Factor (gal/1,000 SF gross area)[1]**	**Total Water Demand (gpd)**
Building 1 (2-story; office)	41,100	240	9,864
Building 1 (2-story; utility)	164,528	30	4,936
Building 2 (utility)	3,936	30	118
Landscaping[2]	206,867	ETWU Method	14,151
Total Existing Water Demand to be Removed			**29,069**

gal = gallon, SF = square foot, gpd = gallons per day
1. Based on 120 percent of the sewer generation factors from the "Loading for each class of land use" from LACSD.
2. Demand based on ETWU equation: (Eto*plant factor*landscaped area* 0.62)/irrigation efficiency. Utilizing CIMIS Reference Evapotranspiration Zones Map ET of 46.6 in/yr, and a conservative plant factor of 0.7 and irrigation efficiency of 0.81 proposed condition.

Source: Fuscoe Engineering, Water and Sewer Infrastructure Report, 2024.

Table 4.19-2: Estimated Proposed Water Demand shows the Project's estimated proposed water demand. Similar to how existing water demand was calculated, the Project's estimated proposed water demand was also calculated using 120 percent of LACSD wastewater generation factors as well as the ETWU equation for proposed landscaping. Proposed landscaping was assumed to comprise 30 percent of the Project Site (similar to existing conditions). As shown below in **Table 4.19-2**, the Project's estimated water consumption is approximately 33,031 gpd, resulting in a net increase of approximately 3,962 gpd compared to existing conditions.

Table 4.19-2: Estimated Proposed Water Demand			
Land Use	**Square Footage (SF)**	**Average Generation Factor (gpd/1,000 SF)[1]**	**Total Water Demand (gpd)**
Data Hall Center[2]	109,970	30	3,299
Office (Network)[3]	1,750	240	420
Office (Support)[3]	26,700	240	6,408
Office (Circulation)[3]	16,542	240	3,970
Ancillary (Elec.)[2]	23,976	30	719
Ancillary (Mech.)[2]	39,463	30	1,184
Substation (Service)	24,000	120	2,880
Landscaping[3]	206,867	ETWU Method	14,151
Total Proposed Water Demand			**33,031**
Total Existing Water Demand to be Removed			29,069
Project Net Water Demand			**3,962**

gpd = gallons per day, SF = square foot
1. Based on 120 percent of the sewer generation factors from the "Loading for each class of land use" from LACSD.
2. Assumes 'Warehouse' will be used for Data Hall Center, Mechanical Area, Electrical Area from LACSD. The Applicant's mechanical, electrical, and plumbing (MEP) engineer estimated the data hall center would have a baseline (using standard efficiency fixtures) water demand of approximately 75,340 gallons per year (gpy) (207 gpd). The design case (progressive

fixtures) water demand would be approximately 45,180 gpy (124 gpd). Therefore, the estimate provided based on LACSD (3,299 gpd for the data hall center) is conservative. See also **Appendix M-2: Water Efficiency Memorandum.**
3. Assumes 'Office Building' will be used for Office areas.
4. Assumes 'Service Station' will be used for Electrical Substation.
5. Demand based on Estimated Total Water Use equation: (Eto*plant factor*landscaped area* 0.62)/irrigation efficiency. Utilizing CIMIS Reference Evapotranspiration Zones Map ET of 46.6 in/yr, and a conservative plant factor of 0.7 and irrigation efficiency of 0.81 proposed condition.

Source: Fuscoe Engineering, Water and Sewer Infrastructure Report, 2024.

According to the Water and Sewer Infrastructure Assessment Report, when analyzing for infrastructure capacity, the projected demands for both fire suppression and domestic water are considered. Although domestic water demand is the Project's main contributor to water consumption, fire flow demands have a much greater instantaneous impact on infrastructure. Based on an analysis of the Project Site's fire demands and review of the resulting residual pressures from the Tait Assessment of Water Availability (included as Attachment C in the Water and Sewer Infrastructure Report), it has been determined that the existing water system at the Project Site is more than adequate to handle the demands for fire suppression. Furthermore, the relocation for the existing 8-inch water line within the Project Site is nearly negligible in terms of system pressure loss and will not adversely affect the public water system. Adequate fire flows can be provided to the Project by the existing and rerouted water infrastructure.

For the reasons listed above, the Project would not require or result in the relocation or construction of new or expanded water facilities. Impacts would be less than significant, and no mitigation is required.

4.19a.ii Would the project require or result in the relocation or construction of new or expanded facilities concerning wastewater, the construction or relocation of which could cause significant environmental effects?

4.19a.iii Would the project require or result in the relocation or construction of new or expanded facilities concerning wastewater treatment, the construction or relocation of which could cause significant environmental effects?

Less Than Significant Impact. The City is within the jurisdictional boundaries of Sanitation Districts of Los Angeles County Sanitation District (LACSD) No. 2. Wastewater generated by the Project would be conveyed to existing City-owned sewer lines located in Saturn Street via proposed lateral sewer connections, which would then tie into one of LACSD's regional trunk sewers crossing through LACSD. Wastewater from the Project Site would be treated at the A.K. Warren Water Resource Facility (Warren Facility) in the City of Carson. The Warren Facility, owned and operated by LACSD, currently provides primary and secondary treatment for a design capacity of 400 million gallons of wastewater per day (mgd), and an average flow of approximately 237 mgd.

Construction activities for the Project could result in temporary wastewater generation on-site. However, such generation would be temporary when compared with the wastewater generated by the Project. In addition, construction workers would typically utilize portable restrooms and hand wash areas, which would not contribute to direct wastewater flows to the City's wastewater

system. Thus, wastewater generation from Project construction activities is not anticipated to cause any measurable increase in wastewater flows.

Construction impacts associated with wastewater infrastructure would primarily be confined to trenching for miscellaneous utility lines and connections to public infrastructure. Installation of wastewater infrastructure will be limited to on-site wastewater distribution and minor off-site work associated with lateral connections to the existing City sewer main. Any work that may affect services to the existing sewer lines or impacts to LACSD facilities or plant will be coordinated with the City's Public Works Department, Engineering Division. Furthermore, construction management and access plans would ensure safe pedestrian access as well as emergency vehicle access and safe vehicle travel. Moreover, when considering impacts resulting from the installation of any required wastewater infrastructure, all impacts are of a relatively short-term duration and would cease to occur once the installation is complete.

Table 4.19-3: Estimated Existing Wastewater Generation shows the estimated existing wastewater generation for the Project Site, based on existing Project Site conditions and using LACSD wastewater generation factors.

Table 4.19-3: Estimated Existing Wastewater Generation

Land Use	Square Footage (SF)	Estimated Average Daily Sewage Flow Factor (gal/1,000 SF gross area)	Total Wastewater Generation (gpd)
Building 1 (2-story; office)	41,100	200	8,220
Building 1 (2-story; utility)	164,528	25	4,113
Building 2 (utility)	3,936	25	98
Total	**209,564**		**12,432**

gal = gallon, SF = square foot, gpd = gallons per day
Source: Fuscoe Engineering, Water and Sewer Infrastructure Report, 2024.

As shown in **Table 4.19-4: Estimated Proposed Wastewater Generation**, consistent with the proposed uses and LACSD's generation factors, the Project's projected wastewater generation is approximately 15,734 gpd, representing a net increase in wastewater generation at the Project Site of approximately 3,302 gpd.

Table 4.19-4: Estimated Proposed Wastewater Generation

Land Use	Square Footage (SF)	Average Generation Factor (gpd/1,000 SF)[1]	Total Wastewater Generation (gpd)
Data Hall Center[2]	109,970	25	2,749
Office (Network)[3]	1,750	200	350
Office (Support)[3]	26,700	200	5,340
Office (Circulation)[3]	16,542	200	3,308
Ancillary (Elec.)[2]	23,976	25	599
Ancillary (Mech.)[2]	39,463	25	987
Substation (Service)	24,000	100	2,400
Total Proposed Wastewater Flow			**15,734**
Total Existing Wastewater Flow to be Removed			12,432
Project Net Wastewater Flow			**3,302**

gpd = gallons per day, SF = square foot

1. Based on 100 percent of the sewer generation factors from the "Loading for each class of land use" from LACSD.
2. Assumes 'Warehouse' will be used for Data Hall Center, Mechanical Area, Electrical Area from LACSD.
3. Assumes 'Office Building' will be used for Office areas.
4. Assumes 'Service Station' will be used for Electrical Substation.

Source: Fuscoe Engineering, Water and Sewer Infrastructure Report, 2024.

A flowrate of 15,734 gpd is equivalent to 11 gallons per minute (gpm). Wastewater generated by the Project would drain into the existing 8-inch sewer line in Saturn Street, which has a sewer flow capacity of approximately 225 gpm at a slope of 1 percent with 50 percent filled capacity. The flow-depth of the existing 8-inch sewer has been evaluated and confirmed that there is capacity in the existing adjacent sewer system to convey the wastewater flows that would be generated by the Project. See Attachment F of **Appendix M-1.**

Additionally, a will-serve letter has been received from LACSD, confirming that LACSD has the capacity to accommodate the Project's estimated wastewater generation increase; see Attachment A of **Appendix M-1.** Furthermore, the Project's estimated wastewater generation of 3,302 gpd or 0.004 mgd comprises less than 0.002 percent of the wastewater that is processed daily at the Warren Facility.

For the reasons substantiated above, the Project would not require or result in the relocation or construction of new or expanded wastewater and wastewater treatment facilities. Impacts would be less than significant.

4.19a.iv Would the project require or result in the relocation or construction of new or expanded facilities concerning stormwater drainage, the construction or relocation of which could cause significant environmental effects?

Less Than Significant Impact. Refer to Response 4.10c concerning drainage patterns and stormwater drainage systems. As discussed in Response 4.10c, all proposed drainage improvements would be located within the Project Site. The Project would not require or result in the relocation or construction of new or expanded off-site stormwater facilities, the construction or relocation of which could cause significant environmental effects. Therefore, the Project would result in a less than significant impact in this regard.

4.19a.v Would the project require or result in the relocation or construction of new or expanded facilities concerning electric power, natural gas, and telecommunications, the construction or relocation of which could cause significant environmental effects?

Less Than Significant Impact. The City's electrical power is provided by SCE, and natural gas is provided by SoCalGas. The City's telecommunications are provided by various companies. SCE, SoCalGas, and local telecommunications companies operate and maintain transmission and distribution infrastructure throughout the City. Refer to Responses 4.6a and 4.6b for further discussions concerning electricity. The Project would not include any natural gas usage; therefore, the Project would not result in an impact on natural gas. The Project would include on-site connections to existing telecommunication services. The Project would not require or result in the relocation or construction of new or expanded off-site electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant

environmental effects. Therefore, the Project would result in a less than significant impact in this regard.

4.19b Would the project have sufficient water supplies available to serve the Project and reasonably foreseeable future development during normal, dry and multiple dry years?

Less Than Significant Impact. The City of Monterey Park 2020 Urban Water Management Plan (UWMP) projects water demands to increase from 8,671 acre-feet per year (AFY) in 2025 to 9,066 AFY in 2045 for dry years representing an increase in demand of 395 AFY and 8,421 acre-feet per year (AFY) in 2025 to 8,804 AFY in 2045 for normal years representing an increase in demand of 383 AFY. The proposed increase in demand from the Project of 3,962 gpd (4 AFY) represents approximately 1 percent of the total increase in demand from 2025 to 2045 in the UWMP. In addition, the volume of water supply required for the Project does not trigger the requirements for a water supply assessment pursuant to either SB 610 or SB 221. The UWMP also projects adequate supplies to meet all future demands. Therefore, the City would have sufficient water supplies available to serve the Project, and impacts would be less than significant.

4.19c Would the project result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project projected demand in addition to the provider's existing commitments?

Less Than Significant Impact. As demonstrated in Sections 4.19a.ii and Sections 4.19a.iii, there is existing treatment capacity in the region for estimated Project wastewater generation. Project development would not impact LACSD wastewater treatment facility capacity. The Project would not require or result in the relocation or construction of new or expanded off-site sewer facilities, the construction or relocation of which could cause significant environmental effects. Therefore, the Project would result in a less than significant impact in this regard.

4.19d Would the project generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?

4.19e Would the project comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

Less Than Significant Impact. Athens Services waste haulers provide services in the City, including the Project Site. The City primarily disposes at landfills throughout Los Angeles County. Project construction would result in generation of construction and demolition (C&D) debris such as metal scrap, lumber, concrete which will be collected and diverted to a C&D debris facility for materials to be recycled and/or discarded. As shown in **Table 4.19-5: Estimated Solid Waste Generation**, C&D of the Project is estimated to generate approximately 10,127 tons of C&D debris. This estimation is a conservative estimate as it assumes that no reductions in waste generation would occur due to recycling.

Table 4.19-5: Estimated Solid Waste Generation				
Land Use	**Size**	**Waste Generation Rate**	**Waste Generated (tons)**	**Waste Generated (lbs)**
Demolition[1]				
Office	209.564 ksf	46 tons/ksf	9,640 tons	19,279,888 lbs
Construction[2]				
Data Center	218.4 ksf	4,020 lb/ksf	439 tons	877,968 lbs
Substation	24 ksf	4,020 lb/ksf	48 tons	96,480 lbs
Total Demolition and Construction Waste			*10,127 tons*	*20,254,336 lbs*
Operations[3]				
Data Center[4]	26 employees	13.82 lb/employees/day	0.18 tons	359 lbs
Total Operational Waste			*0.18 tpd*	*359 lbs/day*

ksf = thousand square feet; lbs = pounds; tpd = tons per day

1. The demolition waste generation rate of 46 tons/ksf is based on the CalEEMod User Guide Appendix A, page 13.
2. The construction waste generation rate of 4,020 lb/ksf is based on the U.S.EPA, Characterization of Building-Related Construction and Demolition Debris in the United States, Table A-2, June 1998.
3. Generation factors provided by the CalRecycle website, refer to Estimated Solid Waste Generation Rates, https://www2.calrecycle.ca.gov/WasteCharacterization/General/Rates. Accessed March 27, 2024.
4. Assumes "Warehouse" will be used for proposed data center.

Residual wastes such as trash packing materials, and plastics could require disposal at landfill. Disposal and recycling of the construction debris would be required to comply with all federal, State, and local regulations. All construction activities would be subject to conformance with relevant Federal, State, and local requirements related to solid waste disposal. The Project would be required to comply with the California Integrated Waste Management Act of 1989 (AB 939), which requires that at least 50 percent of waste produced is recycled, reduced, or composted and is included in MPMC Chapter 6.08, Solid Waste, Recyclables, and Construction and Demolition Debris, which would achieve compliance with State law.

As detailed in **Table 4.19-5**, Project operations would generate approximately 0.18 tons per day (tpd). The estimated amount of solid waste is conservative because the waste generation factors do not account for recycling or other diversion measures. The annual amount of solid waste generated by the Project would represent a minor amount of the estimated 137 million tons of remaining disposal capacity at the County's Class III landfills.[57] As such, the solid waste generated by the Project would be accommodated by the landfills that serve the Project Site.

During operation, the Project would be required to comply with CalRecycle's waste diversion rate target of 50 percent of the waste stream. The Project would also be subject to AB 1826, which requires businesses to provide separate recycling bins for organic waste. Therefore, the Project would be subject to compliance with the CALGreen Code, State regulations, and City regulations regarding solid waste management and reduction. Impacts would be less than significant.

[57] Los Angeles County Department of Public Works, Countywide Integrated Waste Management Plan: 2021 Annual Report, December 2022, https://dpw.lacounty.gov/epd/swims/ShowDoc.aspx?id=17450&hp=yes&type=PDF. Accessed March 18, 2024.

4.20 Wildfire

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?				X
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?				X
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?				X
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?				X

Impact Analysis

4.20a *If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project substantially impair an adopted emergency response plan or emergency evacuation plan?*

4.20b *If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project, due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?*

4.20c *If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?*

4.20d *If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?*

No Impact. See Response 4.9f. According to CAL FIRE, the Project Site is not within or near a SRA or a VHFHSZ.[58] The nearest VHFHSZ is located approximately 4 miles northwest of the Project Site. The Project Site is relatively flat and developed with urban uses (except for the grass lot and limited landscaped area bordering the northern boundary of the Project Site), which precludes factors such as slopes or strong winds from exacerbating fire risk. The Project is located on an existing developed site and would connect to existing utilities and would not require the installation or maintenance of infrastructure that may exacerbate fire risk. Post-fire impacts such as drainage changes and landslides would not occur as the Project Site and its surroundings are highly urbanized and mostly flat and not have any steep slopes or hillsides that would be susceptible to landslides or flooding. Therefore, the Project would result in no impact.

[58] California Department of Forestry and Fire Protection. FHSZ Viewer, https://egis.fire.ca.gov/FHSZ/. Accessed February 5, 2024.

4.21 Mandatory Findings of Significance

Environmental Issue	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Does the Project:				
a) Have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?		X		
b) Have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of the past projects, the effects of other current projects, and the effects of probable future projects.)			X	
c) Have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?			X	

Impact Analysis

4.21a Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

Less Than Significant With Mitigation Incorporated. As discussed throughout this IS/MND, the Project does not have the potential to degrade the environment's quality or result in significant environmental impacts that cannot be reduced to less than significant following compliance with the established regulatory framework (i.e., federal, State, and local regulations) and the recommended mitigation measures.

As concluded in **Section 4.4: Biological Resources**, the Project would not reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, or reduce the number or restrict the range of a rare or endangered plant or animal.

As concluded in **Section 4.5: Cultural Resources**, the Project would not eliminate important examples of the major periods of California history. The Project was assessed to have low

sensitivity for prehistoric resources and buried historic archaeological resources. Following implementation of **MM CUL-1**, potential impacts to archaeological resources would be reduced to less than significant.

As concluded in **Section 4.18: Tribal Cultural Resources**, the Project could cause an adverse change in the significance of a tribal cultural resource, unless mitigated. Following implementation of **MM TCR-1** through **MM TCR-3**, potential impacts to tribal cultural resources would be reduced to less than significant.

4.21b Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of the past projects, the effects of other current projects, and the effects of probable future projects.)

Less Than Significant Impact. The proposed Project would result in significant impacts unless mitigated for the following environmental resource areas: cultural resources, geology and soils, hazards and hazardous materials, noise and vibration, and tribal cultural resources. The potential impacts associated with these resource areas are localized, thus, would not result in cumulative impacts. Other development projects within the City would be subject to the City's discretionary review process, CEQA, and the established regulatory framework, which would be evaluated on a case-by-case basis.

For all other resources areas, the analysis determined the Project would result in either no impact or a less than significant impact following compliance with the established regulatory framework, without the need for mitigation. Project impacts would not be cumulatively considerable.

Based on correspondence with the City on March 14, 2024, there are no anticipated cumulative projects anticipated in a 0.5-mile radius of the Project Site. Additionally, Project impacts would be less than significant or less than significant with mitigation incorporated. Therefore, the proposed Project would not result in any cumulatively considerable impacts, and no mitigation is required.

4.21c Does the project have environmental effects which will cause substantial adverse effects on human beings, directly or indirectly?

Less Than Significant Impact. As discussed in the respective sections, the Project would have no potentially significant impacts that would not be reduced to less than significant following compliance with the established regulatory framework and/or recommended mitigation measures. The Project would not cause substantial adverse effects on human beings directly or indirectly. Therefore, impacts concerning adverse effects on human beings would be less than significant.

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Appendix A-1

Air Quality Analysis Memorandum

Kimley»Horn

Kimley»Horn

MEMORANDUM

To:	Bryan Marsh, CEO, SDCF Monterey Park, LLC
From:	Noemi Wyss, AICP, Kimley-Horn and Associates, Inc.
Date:	August 28, 2024
Subject:	1977 Saturn Data Center Project – Air Quality Analysis

1.0 Purpose

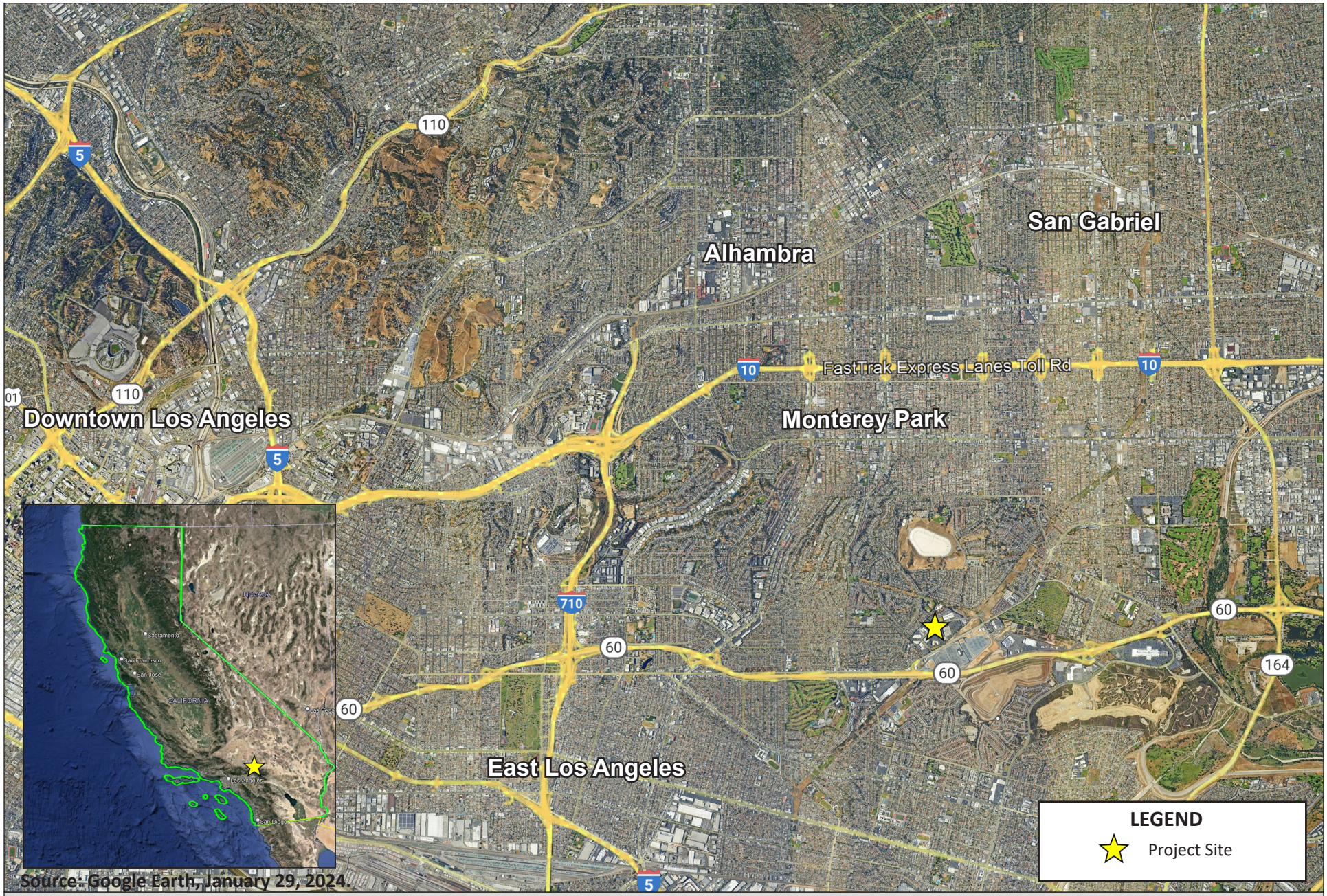
The purpose of this memorandum is to assess potential impacts due to air pollutant emissions associated with construction and operation of the 1977 Saturn Data Center Project (Project), proposed to be located in the City of Monterey Park (City), California.

2.0 Proposed Project Description

The Project would be located on an approximately 15.8-acre site (Project Site) at 1977 Saturn Street; see **Figure 1: Regional Vicinity Map**. The Project Site is bound by residences, a park, a commercial nursery, and water towers to the north, open space to the east, office uses to the south, and office uses and single-family residences to the west; see **Figure 2: Local Vicinity Map**. The Project Site is currently improved with a two-story commercial office building that is currently vacant, an ancillary one-story building.

The Project would demolish and remove the existing improvements and construct a state of the art data center including approximately 218,400 square feet that would include approximately 109,970 square feet of data hall space and approximately 91,889 square feet of support space, which would consist of offices and meeting rooms, employee amenities (such as restrooms, break room, etc.), truck loading and unloading areas, storage areas, mechanical/electrical/fiber entry rooms, and other ancillary uses. See **Figure 3: Conceptual Site Plan**.

A total of sixty-eight (68) parking spaces would be provided adjacent to the northern and eastern side of the proposed data center building, including three handicapped accessible spaces and three spaces for electrical vehicles (EV). The Project would also include two loading dock areas to accommodate deliveries and loading activities for the proposed data center. Vehicular access to the Project Site would be provided via two new gated driveways located along Saturn Street: one along the western perimeter of the Project Site and the other along the eastern perimeter of the Project Site.



Source: Google Earth, January 29, 2024.

FIGURE 1: REGIONAL VICINITY MAP

1977 Saturn Data Center Project

NOT TO SCALE

Kimley»Horn

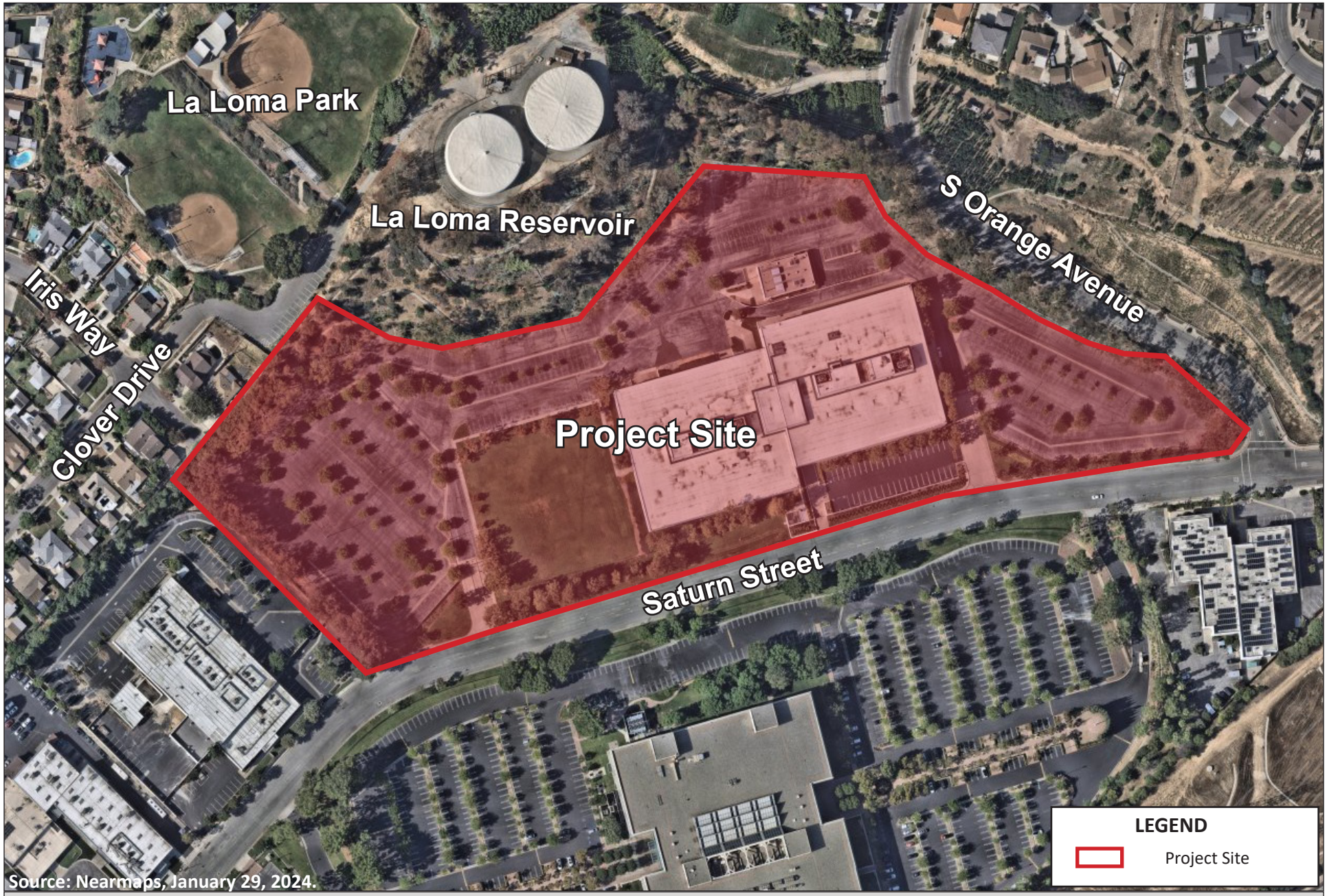
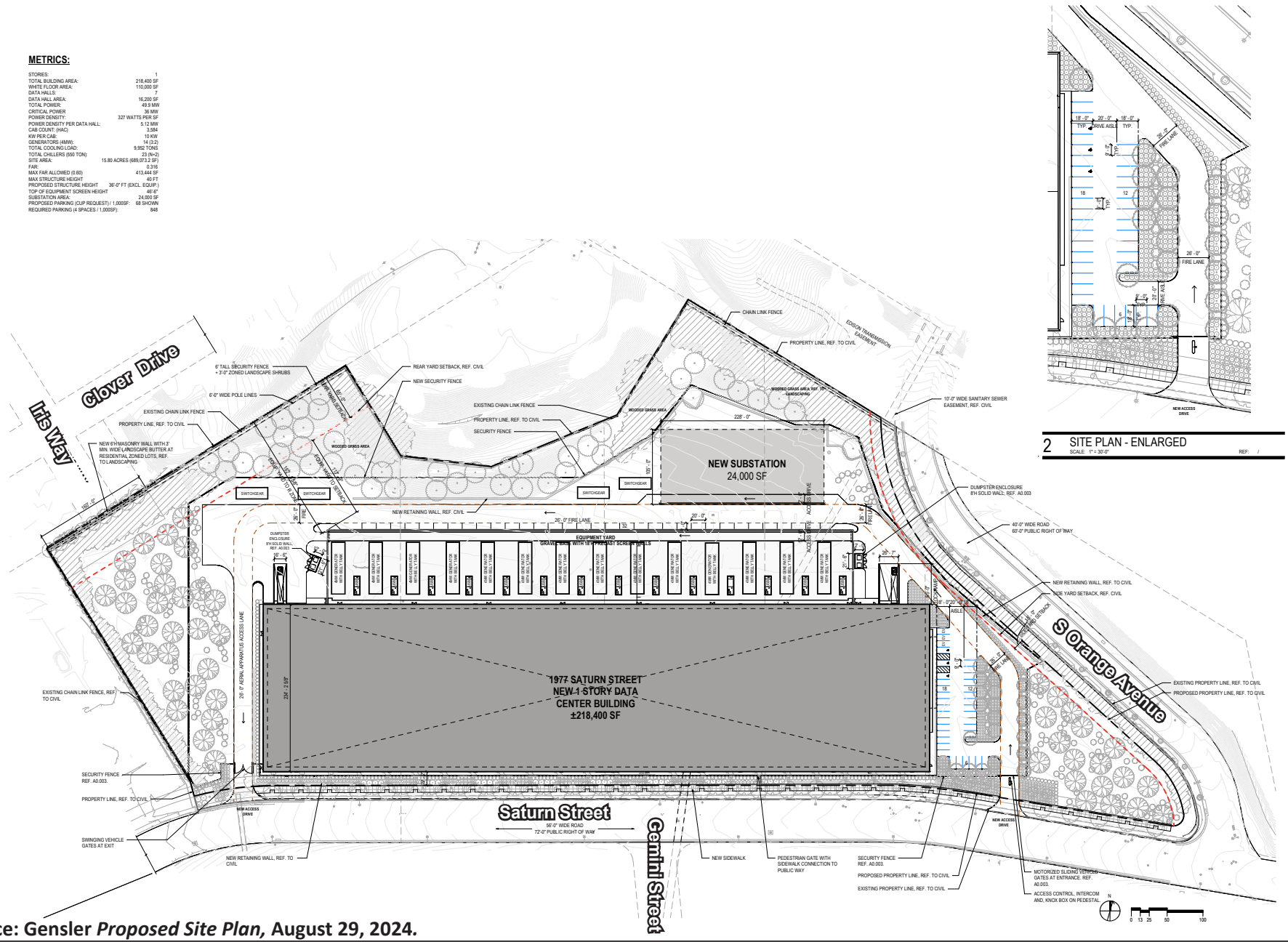


FIGURE 2: LOCAL VICINITY MAP
1977 Saturn Data Center Project

NOT TO SCALE

Kimley»Horn



Source: Gensler *Proposed Site Plan,* August 29, 2024.

FIGURE 3: CONCEPTUAL SITE PLAN

1977 Saturn Data Center Project

NOT TO SCALE

Kimley»Horn

Project construction is anticipated to occur as two phases, lasting approximately two years, beginning as early as September 2025 and ending as early as August 2027. For purposes of this environmental analysis, opening year is assumed to be 2027. Grading for the proposed improvements would require cut and fill to create building pads. Project construction is estimated to require the export of approximately 65,000 cubic yards (cy) of soil material.

3.0 Regulatory

Federal

Federal Clean Air Act

At the national level air quality is regulated by the Federal Clean Air Act (FCAA) and its amendments. Under the FCAA, the United States Environmental Protection Agency (U.S. EPA) developed the primary and secondary National Ambient Air Quality Standards (NAAQS) for the criteria air pollutants including O_3, NO_2, CO, SO_2, PM10, PM2.5, and lead. Proposed projects in or near nonattainment areas could be subject to more stringent air-permitting requirements. The FCAA requires each State to prepare a State Implementation Plan (SIP) to demonstrate how it will attain the NAAQS within the federally imposed deadlines.

The U.S. EPA can withhold certain transportation funds from states that fail to comply with the planning requirements of the FCAA. If a State fails to correct these planning deficiencies within two years of Federal notification, the U.S. EPA is required to develop a Federal implementation plan for the identified nonattainment area or areas. The provisions of 40 Code of Federal Regulations Parts 51 and 93 apply in all nonattainment and maintenance areas for transportation-related criteria pollutants for which the area is designated nonattainment or has a maintenance plan.

State

California Air Resources Board

CARB administers the air quality policy in California. The California Ambient Air Quality Standards (CAAQS) were established in 1969 pursuant to the Mulford-Carrell Act. The CAAQS, included with the NAAQS in **Table 4**, are generally more stringent and apply to more pollutants than the NAAQS. In addition to the criteria pollutants, CAAQS have been established for visibility reducing particulates, hydrogen sulfide, and sulfates.

The California Clean Air Act (CCAA), which was approved in 1988, requires that each local air district prepare and maintain an Air Quality Management Plan (AQMP) to achieve compliance with CAAQS. These AQMPs also serve as the basis for the preparation of the SIP for meeting NAAQS for the State

of California. Like the U.S. EPA, CARB also designates areas within California as either attainment or nonattainment for each criteria pollutant based on whether the CAAQS have been achieved. Under the CCAA, areas are designated as nonattainment for a pollutant if air quality data shows that a CAAQS for the pollutant was violated at least once during the previous three calendar years. Exceedances that are affected by highly irregular or infrequent events such as wildfires, volcanoes, etc. are not considered violations of a CAAQS, and are not used as a basis for designating areas as nonattainment. The applicable CAAQS are summarized in **Table 1.**

Table 1: State and National Ambient Air Quality Standards

Pollutant	Averaging Time	State Standards[1]	National Standards[2]
Ozone (O_3) [2, 5, 7]	8 Hour	0.070 ppm (137 µg/m^3)	0.070 ppm
	1 Hour	0.09 ppm (180 µg/m^3)	NA
Carbon Monoxide (CO)	8 Hour	9.0 ppm (10 mg/m^3)	9 ppm (10 mg/m^3)
	1 Hour	20 ppm (23 mg/m^3)	35 ppm (40 mg/m^3)
Nitrogen Dioxide (NO_2)	1 Hour	0.18 ppm (339 µg/m^3)	0.10 ppm[11]
	Annual Arithmetic Mean	0.030 ppm (57 µg/m^3)	0.053 ppm (100 µg/m^3)
Sulfur Dioxide (SO_2) [8]	24 Hour	0.04 ppm (105 µg/m^3)	0.14 ppm (365 µg/m^3)
	1 Hour	0.25 ppm (655 µg/m^3)	0.075 ppm (196 µg/m^3)
	Annual Arithmetic Mean	NA	0.03 ppm (80 µg/m^3)
Particulate Matter (PM10) [1, 3, 6]	24-Hour	50 µg/m^3	150 µg/m^3
	Annual Arithmetic Mean	20 µg/m^3	NA
Fine Particulate Matter (PM2.5) [3, 4, 6, 9]	24-Hour	NA	35 µg/m^3
	Annual Arithmetic Mean	12 µg/m^3	9.0 µg/m^3
Sulfates (SO_{4-2})	24 Hour	25 µg/m^3	NA
Lead (Pb) [10, 11]	30-Day Average	1.5 µg/m^3	NA
	Calendar Quarter	NA	1.5 µg/m^3
	Rolling 3-Month Average	NA	0.15 µg/m^3
Hydrogen Sulfide (H_2S)	1 Hour	0.03 ppm (0.15 µg/m^3)	NA
Vinyl Chloride (C_2H_3Cl) [10]	24 Hour	0.01 ppm (26 µg/m^3)	NA

Notes:

ppm = parts per million; µg/m^3 = micrograms per cubic meter; mg/m^3 = milligrams per cubic meter; NA = no information available.

1. California standards for O_3, carbon monoxide (except Lake Tahoe), sulfur dioxide (1-hour and 24-hour), nitrogen dioxide, suspended particulate matter – PM10, and visibility reducing particles are values that are not to be exceeded. The standards for sulfates, Lake Tahoe CO, lead, hydrogen sulfide, and vinyl chloride are not to be equaled or exceeded. If the standard is for a 1-hour, 8-hour or 24-hour average (i.e., all standards except for lead and the PM10 annual standard), then some measurements may be excluded. Measurements are excluded that CARB determines would occur less than once per year on the average. The Lake Tahoe carbon monoxide standard is 6.0 ppm, a level one-half the national standard and two-thirds the State standard.
2. National standards shown are the "primary standards" designed to protect public health. National standards other than for O_3, particulates and those based on annual averages are not to be exceeded more than once a year. The 1-hour O_3 standard is attained if, during the most recent three-year period, the average number of days per year with maximum hourly concentrations above the standard is equal to or less than one. The 8-hour O_3 standard is attained when the 3-year average of the 4th highest daily concentrations is 0.070 ppm or less. The 24-hour PM10 standard is attained when the 3-year average of the 99th percentile of

Table 1: State and National Ambient Air Quality Standards			
Pollutant	**Averaging Time**	**State Standards[1]**	**National Standards[2]**

monitored concentrations is less than 150 µg/m_3. The 24-hour PM2.5 standard is attained when the 3-year average of 98th percentiles is less than 35 µg/m^3.

3. Except for the national particulate standards, annual standards are met if the annual average falls below the standard at every site. The national annual particulate standard for PM10 is met if the 3-year average falls below the standard at every site. The annual PM2.5 standard is met if the 3-year average of annual averages spatially-averaged across officially designed clusters of sites falls below the standard. NAAQS are set by the U.S. EPA at levels determined to be protective of public health with an adequate margin of safety.
4. On October 1, 2015, the national 8-hour O_3 primary and secondary standards were lowered from 0.075 to 0.070 ppm. An area will meet the standard if the fourth-highest maximum daily 8-hour O_3 concentration per year, averaged over three years, is equal to or less than 0.070 ppm. U.S. EPA will make recommendations on attainment designations by October 1, 2016, and issue final designations October 1, 2017. Nonattainment areas will have until 2020 to late 2037 to meet the health standard, with attainment dates varying based on the O_3 level in the area.
5. The national 1-hour O_3 standard was revoked by the U.S. EPA on June 15, 2005.
6. In June 2002, CARB established new annual standards for PM2.5 and PM10.
7. The 8-hour California O_3 standard was approved by the CARB on April 28, 2005 and became effective on May 17, 2006.
8. On June 2, 2010, the U.S. EPA established a new 1-hour SO_2 standard, effective August 23, 2010, which is based on the 3-year average of the annual 99th percentile of 1-hour daily maximum concentrations. The existing 0.030 ppm annual and 0.14 ppm 24-hour SO_2 NAAQS however must continue to be used until one year following U.S. EPA initial designations of the new 1-hour SO_2 NAAQS.
9. In December 2012, U.S. EPA strengthened the annual PM2.5 NAAQS from 15.0 to 12.0 µg/m^3. In December 2014, the U.S. EPA issued final area designations for the 2012 primary annual PM2.5 NAAQS. Areas designated "unclassifiable/attainment" must continue to take steps to prevent their air quality from deteriorating to unhealthy levels. The effective date of this standard is April 15, 2015.
10. CARB has identified lead and vinyl chloride as 'toxic air contaminants' with no threshold level of exposure below which there are no adverse health effects determined.
11. National lead standard, rolling 3-month average: final rule signed October 15, 2008. Final designations effective December 31, 2011.

Source: South Coast Air Quality Management District, *Air Quality Management Plan*, 2022; California Air Resources Board, *Ambient Air Quality Standards*, May 6, 2016, and U.S. EPA, NAAQS Table, February 7, 2024.

Regional

South Coast Air Quality Management District

Regionally, air quality is governed by the South Coast Air Quality Management District (SCAQMD), the air pollution control agency for Orange County and the urban portions of Los Angeles, Riverside, and San Bernardino Counties. The SCAQMD's primary responsibility is ensuring that California Ambient Air Quality Standards (CAAQS) and NAAQS are attained and maintained in the South Coast Air Basin (SoCAB). The SCAQMD is also responsible for adopting and enforcing rules and regulations concerning air pollutant sources, issuing permits for stationary sources of air pollutants, inspecting stationary sources of air pollutants, responding to citizen complaints, monitoring ambient air quality and meteorological conditions, awarding grants to reduce motor vehicle emissions, conducting public education campaigns, and many other activities.

The SCAQMD is also the lead agency in charge of developing the Air Quality Management Plan (AQMP), with input from the Southern California Association of Governments (SCAG) and the CARB. The AQMP is a comprehensive plan that includes control strategies for stationary and area sources, as well as for some on-road and off-road mobile sources. SCAG is the regional planning agency for Los Angeles, Orange, Ventura, Riverside, San Bernardino, and Imperial Counties and serves as a forum for

regional issues relating to transportation, the economy, community development, and the environment. Under federal law, SCAG is designated as a Metropolitan Planning Organization and under State law as a Regional Transportation Planning Agency and a Council of Governments. SCAG has the primary responsibility for providing future growth projections and the development and implementation of transportation control measures. CARB, in coordination with federal agencies, provides the control element for mobile sources.

The 2016 AQMP was adopted by the SCAQMD Governing Board on March 3, 2017. The purpose of the AQMP is to set forth a comprehensive and integrated program that would lead the air basin into compliance with the federal 24-hour PM2.5 air quality standard, and to provide an update to the SCAQMD's commitments towards meeting the 8-hour O_3 NAAQS. Specifically, the 2016 AQMP covers the following NAAQS: 1979 1-hour O_3 NAAQS, 1997 8-hour O_3 NAAQS, 2006 24-hour PM2.5 NAAQS, 2008 8-hour O_3 NAAQS, and the 2012 annual PM2.5 NAAQS.

The 2022 AQMP, adopted by the SCAQMD Governing Board on December 2, 2022, was developed to address the requirements for meeting the 2015 8-hour O_3 standard. The 2022 AQMP builds upon measures already in place from previous AQMPs. It also includes a variety of additional strategies such as regulations, accelerated deployment of available cleaner technologies (e.g., zero emissions technologies, when cost-effective and feasible, and low NO_X technologies in other applications), best management practices, co-benefits from existing programs (e.g., climate and energy efficiency), incentives, and other FCAA measures to achieve the 2015 8-hour O_3 standard. An AQMP is a regional and multi-agency effort including the SCAQMD, the CARB, the SCAG, and the EPA. The 2022 AQMP incorporates the latest scientific and technological information and planning assumptions, including the *2020-2045 Regional Transportation Plan/Sustainable Communities Strategy* (RTP/SCS), entitled Connect SoCal 2024 RTP/SCS (referred to as "Connect SoCal") and updated emission inventory methodologies for various source categories. Connect SoCal was approved by SCAG regional council on April 4, 2024, however CARB must formally approve the plan.

The SCAQMD has published the *CEQA Air Quality Handbook* (approved by the SCAQMD Governing Board in 1993 and augmented with guidance for Localized Significance Thresholds [LSTs] in 2008). The SCAQMD guidance helps local government agencies and consultants to develop environmental documents required by California Environmental Quality Act (CEQA) and provides identification of suggested thresholds of significance for criteria pollutants for both construction and operation (see discussion of thresholds below). With the help of the *CEQA Air Quality Handbook* and associated guidance, local land use planners and consultants are able to analyze and document how proposed and existing projects affect air quality in order to meet the requirements of the CEQA review process.

The SCAQMD periodically provides supplemental guidance and updates to the handbook on their website.

The State and federal attainment status designations for the SoCAB are summarized in **Table 2: South Coast Air Basin Attainment Status**. The SoCAB is currently designated as a nonattainment area for the O_3, PM10, and PM2.5 CAAQS, as well as the 8-hour O_3 and PM2.5 NAAQS. The SoCAB is designated as attainment or unclassified for the remaining CAAQS and NAAQS.

Table 2: South Coast Air Basin Attainment Status

Pollutant	State	Federal
Ozone (O_3) (1 Hour Standard)	Non-Attainment	Non-Attainment (Extreme)
Ozone (O_3) (8 Hour Standard)	Non-Attainment	Non-Attainment (Extreme)
Particulate Matter (PM2.5) (24 Hour Standard)	–	Non-Attainment (Serious)
Particulate Matter (PM2.5) (Annual Standard)	Non-Attainment	Non-Attainment (Serious)
Particulate Matter (PM10) (24 Hour Standard)	Non-Attainment	Attainment (Maintenance)
Particulate Matter (PM10) (Annual Standard)	Non-Attainment	–
Carbon Monoxide (CO) (1 Hour Standard)	Attainment	Attainment (Maintenance)
Carbon Monoxide (CO) (8 Hour Standard)	Attainment	Attainment (Maintenance)
Nitrogen Dioxide (NO_2) (1 Hour Standard)	Attainment	Unclassifiable/Attainment
Nitrogen Dioxide (NO_2) (Annual Standard)	Attainment	Attainment (Maintenance)
Sulfur Dioxide (SO_2) (1 Hour Standard)	Attainment	Unclassifiable/Attainment
Sulfur Dioxide (SO_2) (24 Hour Standard)	Attainment	–
Lead (Pb) (30 Day Standard)	–	Unclassifiable/Attainment
Lead (Pb) (3 Month Standard)	Attainment	–
Sulfates (SO_{4-2}) (24 Hour Standard)	Attainment	–
Hydrogen Sulfide (H_2S) (1 Hour Standard)	Unclassified	–

Table 2: South Coast Air Basin Attainment Status		
Pollutant	**State**	**Federal**
Source: South Coast Air Quality Management District, Air Quality Management Plan, 2022; United States Environmental Protection Agency, Nonattainment Areas for Criteria Pollutants (Green Book), 2022.		

The following is a list of SCAQMD rules that are required of construction and operational activities associated with the Project:

- **Rule 402 (Nuisance)** – This rule prohibits the discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health, or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property. This rule does not apply to odors emanating from agricultural operations necessary for the growing of crops or the raising of fowl or animals.
- **Rule 403 (Fugitive Dust)** – This rule requires fugitive dust sources to implement best available control measures for all sources, and all forms of visible particulate matter are prohibited from crossing any property line. This rule is intended to reduce PM10 emissions from any transportation, handling, construction, or storage activity that has the potential to generate fugitive dust. PM10 suppression techniques are summarized below.
    - Portions of a construction site to remain inactive longer than a period of three months will be seeded and watered until grass cover is grown or otherwise stabilized.
    - All on-site roads will be paved as soon as feasible or watered periodically or chemically stabilized.
    - All material transported off-site will be either sufficiently watered or securely covered to prevent excessive amounts of dust.
    - The area disturbed by clearing, grading, earthmoving, or excavation operations will be minimized at all times.
    - Where vehicles leave a construction site and enter adjacent public streets, the streets will be swept daily or washed down at the end of the work day to remove soil tracked onto the paved surface.
- **Rule 1113 (Architectural Coatings)** – This rule requires manufacturers, distributors, and end users of architectural and industrial maintenance coatings to reduce ROG emissions from the use of these coatings, primarily by placing limits on the ROG content of various coating categories.
- **Rule 1401 (New Source Review of Toxic Air Contaminants)** – This rule establishes limits for maximum individual cancer risk (MICR), cancer burden, and noncancer acute and chronic

hazard index (HI) from new permit units, relocations, or modifications to existing permit units which emit applicable toxic air contaminants. DPM is a substance listed in Table 1 of the Rule.[1] Therefore, the requirements to allow the construction and use of the new generators are as follows:

- **MICR and Cancer Burden:** The cumulative increase in MICR which is the sum of the calculated MICR values for all toxic air contaminants emitted from the new, relocated or modified permit unit will not result in any of the following:
  - an increased MICR greater than one in one million (1.0×10^{-6}) at any receptor location, if the permit unit is constructed without TBACT;
  - an increased MICR greater than ten in one million (10×10^{-6}) at any receptor location, if the permit unit is constructed with T-BACT;
  - a cancer burden greater than 0.5.
- **Chronic Hazard Index:** The cumulative increase in total chronic HI for any target organ system due to total emissions from the new, relocated or modified permit unit owned or operated by the applicant for which applications were deemed complete on or after the date when the risk value for the compound is finalized by the state Office of Environmental Health Hazard Assessment (OEHHA) will not exceed 1.0 at any receptor location.
- **Acute Hazard Index:** The cumulative increase in total acute HI for any target organ system due to total emissions from the new, relocated or modified permit unit owned or operated by the applicant for which applications were deemed complete on or after the date when the risk value for the compound is finalized by OEHHA will not exceed 1.0 at any receptor location.

- **Rule 1402 (Control of Toxic Air Contaminants From Existing Sources)** – This rule reduces the health risk associated with emissions of TACs from existing sources by specifying notification risk levels, action risk levels, and significant risk levels for MICR, cancer burden, and non-cancer acute and chronic HI applicable to total facility emissions. The rule establishes requirements to implement Risk Reduction Plans to achieve specified risk limits, as required by the Hot Spots Act and this rule.
- **Rule 1403 (Asbestos Emissions From Demolition/Renovation Activities)** – This rule applies to owners and operators of any demolition or renovation activity, and the associated disturbance of asbestos-containing material (ACM), any asbestos storage facility, or any active waste disposal site. This rule includes requirements for activities, handling and clean-up procedures, storage, disposal and landfill requirements.

[1] SCAQMD, Rule 1401, page 1401-17, http://www.aqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1401.pdf?sfvrsn=4. Accessed April 22, 2024.

- **Rule 1415 (Reduction of Refrigerant Emissions from Stationary Air Conditioning Systems)** – The purpose of this rule is to reduce emissions of high-global warming potential refrigerants from stationary air conditioning systems by requiring project's to reclaim, recover, or recycle refrigerant and minimize leakage.
- **Rule 1466 (Control Of Particulate Emissions from Soils With Toxic Air Contaminants)** – This rule applies to projects with earth-moving activities of soil with applicable toxic air contaminants (TACs) that have been identified as contaminants of concern at a site.
- **Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines)** – This rule applies to stationary compression ignition (CI) engine greater than 50 brake horsepower and sets limits on emissions and operating hours. In general, new stationary emergency standby diesel-fueled engines greater than 50 brake horsepower are not permitted to operate more than 50 hours per year for maintenance and testing.

Ambient Air Quality

The SCAQMD maintains a network of air quality monitoring stations located throughout the South Coast Air Basin to measure ambient pollutant concentrations. The Project Site is located in SCAQMD Source Receptor Area (SRA) 11; therefore, the monitoring station most representative of the Project Site is the South San Gabriel Valley Monitoring Station. Criteria pollutants monitored at this station include ozone (O_3), NO_2, and CO, and PM2.5. The East San Gabriel Valley Monitoring Station, east of the Project Site, was used to report data for PM10. The Central LA Station, south of the Project Site, is the nearest, most representative station with recorded data for SO_2 and lead. The most recent pollutant concentration data available from the SCAQMD for these monitoring stations are from years 2020 to 2022 and are summarized in **Table 3: Ambient Air Quality Data.**

Table 3: Ambient Air Quality Data

Pollutant/Standard[1,2]	2020	2021	2022
O_3 (1-hour)			
Maximum Concentration (ppm)	0.169	0.104	0.123
Number of Days > CAAQS (0.09 ppm)	20	2	3
O_3 (8-hour)			
Maximum Concentration (ppm)	0.114	0.074	0.091
4th High 8-hour Concentration (ppm)	0.089	0.068	0.070
Number of Days > CAAQS (0.070 ppm)	23	3	2
Number of Days > NAAQS (0.070 ppm)	23	3	3

Table 3: Ambient Air Quality Data			
Pollutant/Standard[1,2]	**2020**	**2021**	**2022**
NO_2 (1-hour)			
Maximum Concentration (ppm)	0.069	0.072	0.065
98th Percentile Concentration (ppm)	0.058	0.055	0.054
NO_2 (Annual)			
Annual Arithmetic Mean (0.030 ppm)	0.018	0.018	0.017
CO (1-hour)			
Maximum Concentration (ppm)	3.1	1.8	1.6
CO (8-hour)			
Maximum Concentration (ppm)	1.7	1.5	1.5
SO_2 (1-hour)			
Maximum Concentration (ppm)	0.038	0.002	0.007
99th Percentile Concentration (ppm)	0.003	0.002	0.002
SO_2 (24-hour)			
Maximum Concentration (ppm)	--	--	--
PM10 (24-hour)			
Maximum Concentration (µg/m³)	105	121	83
Number of Samples > CAAQS (50 µg/m³)	9	9	6
Number of Samples > NAAQS (150 µg/m³)	0	0	0
PM10 (Annual Average)[3]			
Annual Arithmetic Mean (20 µg/m³)	25.2	26.8	24.6
PM2.5 (24-hour)			
Maximum Concentration (µg/m³)	35.40	66	53.8
98th Percentile Concentration (µg/m³)	30.50	47.9	25.6
Number of Samples > NAAQS (35 µg/m³)	0	3	1
PM2.5 (Annual)[4]			
Annual Arithmetic Mean (12 µg/m³)	13.22	13.07	11.32
Lead			
Maximum 30-day average (µg/m³)	0.013	0.012	0.008

ppm = parts per million; µg/m³ = micrograms per cubic meter

1. The California Ambient Air Quality Standards (CAAQS) are based on a not to exceed standard. The National Ambient Air Quality Standards (NAAQS) are based on a 3-year average of the annual 4th highest daily maximum 8-hour concentration for O_3; 98th percentile of 1-hour daily maximum concentrations averaged over 3 years for 1-hr NO_2; and not to be exceeded more than once per year on average over 3 years for 24-hr PM.

Source: SCAQMD, Historical Data by Year, https://www.aqmd.gov/home/air-quality/historical-air-quality-data/historical-data-by-year; USEPA, AirData, www.epa.gov/airdata/ad_rep_mon.html. Accessed April 5, 2024.

Local

City of Monterey Park General Plan

The City is responsible for the assessment and mitigation of air emissions resulting from its land use decisions. The City's General Plan has multiple elements that contain the following policies specific to air quality potentially applicable to the Project:

Land Use and Urban Design Element

Goal 4: A built environment that is resilient and promotes health and wellness.

Policy 4.5 New Development: Ensure new development is planned in areas that can sustain it long-term considering air quality, health indicators of residents, infrastructure networks and services, and socio-economic factors.

Resources Element

Goal 5: Improve air quality for future generations of Monterey Park residents.

Policy 5.8 Integrate air quality planning with land use and transportation planning.

Environmental Justice Element

Goal 2: Community health and the reduction of exposure to environmental pollutants is a priority and part of all planning and policy practices.

Policy 2.1 Limit exposure to environmental pollution through good planning and the public process.

4.0 Significance Criteria and Methodology

Air Quality Thresholds

Based on the criteria derived from Appendix G of the CEQA Guidelines, a project normally would have a significant effect on the environment if it would:

- Conflict with or obstruct implementation of the applicable air quality plan,
- Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in non-attainment under an applicable federal or State ambient air quality standard,
- Expose sensitive receptors to substantial pollutant concentrations, or
- Result in other emissions (such as leading to odors) adversely affecting a substantial number of people.

SCAQMD Thresholds

The significance criteria established by SCAQMD may be relied upon to make the above determinations. According to the SCAQMD, an air quality impact is considered significant if a Project would violate an ambient air quality standard, contribute substantially to an existing or projected air quality violation, or expose sensitive receptors to substantial pollutant concentrations. The SCAQMD has established numeric thresholds of significance for air pollutants resulting from construction and operational activities of land use development projects, as shown in **Table 4: South Coast Air Quality Management District Significance Thresholds**.

Table 4: South Coast Air Quality Management District Regional Significance Thresholds		
Pollutant	**Mass Daily Thresholds (pounds per day)**	
	Construction	**Operations**
Nitrogen Oxides (NO_X)	100	55
Volatile Organic Compounds (VOC)[1]	75	55
Particulate Matter up to 10 Microns (PM10)	150	150
Particulate Matter up to 2.5 Microns (PM2.5)	55	55
Sulphur Oxides (SO_X)	150	150
Carbon Monoxide (CO)	550	550
1. VOCs and ROGs are subsets of organic gases that are emitted from the incomplete combustion of hydrocarbons or other carbon-based fuels. Although they represent slightly different subsets of organic gases, they are used interchangeably for the purposes of this analysis.		
Source: South Coast Air Quality Management District, SCAQMD Air Quality Significance Thresholds, April 2019.		

Localized Carbon Monoxide

In addition to the daily thresholds listed above, development associated with the Project would also be subject to the CAAQS and NAAQS. These are addressed though an analysis of localized CO impacts. The significance of localized impacts depends on whether ambient CO levels near the Project are above CAAQS and NAAQS for CO (the more stringent CAAQS are 20 ppm for 1-hour and 9 ppm for 8-hour). The SoCAB has been designated as attainment of the 1-hour and 8-hour CAAQS.

Localized Significance Thresholds

The SCAQMD developed Localized Significance Thresholds (LSTs) for emissions of NO_2, CO, PM10, and PM2.5 generated at new development sites (off-site mobile source emissions are not included in the LST analysis). LSTs represent the maximum emissions that can be generated at a project without expecting to cause or substantially contribute to an exceedance of the most stringent state or federal ambient air quality standards. LSTs are based on the ambient concentrations of that pollutant within the Project source receptor area (SRA), as demarcated by the SCAQMD, and the distance to the nearest sensitive receptor. LST analysis for construction is applicable for projects that disturb 5 acres

or less on a single day. The City of Monterey Park is located within SCAQMD SRA 11 (South Coastal Los Angeles County). The nearest sensitive receptors are located approximately 65 feet from the Project Site (approximately 20 meters). LST thresholds are provided for source-receptor distances of 25, 50, 100, 200, and 500 meters. According to SCAQMD's *Localized Significance Threshold Methodology*, the closest receptor distance on the mass rate LST look-up tables is 25 meters. It is possible that a project may have receptors closer than 25 meters. Projects with boundaries located closer than 25 meters to the nearest receptor should use the LSTs for receptors located at 25 meters.[2] Therefore, LSTs for 25 meters were utilized in this analysis. LSTs associated with the 25-meter threshold are provided in **Table 5: Local Significance Thresholds for Construction/Operations** for informational purposes and to demonstrate that the thresholds increase as acreages increase.

Table 5: Local Significance Thresholds for Construction and Operations

Project Size	Maximum Pounds Per Day[1,2]							
	Construction				Operations			
	NO_x	CO	PM10	PM2.5	NO_x	CO	PM10	PM2.5
1 Acre	83	673	5	4	83	673	1	1
2 Acres	121	1,031	7	5	121	1,031	2	2
5 Acres	183	1,814	14	9	183	1,814	4	2

1. NO_X = Nitrogen Oxides; CO = Carbon Monoxide; PM10 = Particulate Matter 10 microns in diameter or less; PM2.5 = Particulate Matter 2.5 microns in diameter or less
2. Based on receptor distance of 25 meters based on SRA 11.

Source: SCAQMD, Localized Significance Threshold Methodology, July 2008.

Methodology

The Project's construction and operational emissions were calculated using the California Emissions Estimator Model version 2022.1.1.21 (CalEEMod). Details of the modeling assumptions and emission factors are provided in **Appendix A**. For construction, CalEEMod calculates emissions from off-road equipment usage and on-road vehicle travel associated with haul, delivery, and construction worker trips. Per the Transportation Analysis prepared for the Project, the Project is anticipated to generate approximately 52 daily vehicle trips. The modeling assumed "general office building" as the land use subtype because it was the most applicable as data center is not an available subtype in the model. The "general office building" was chosen as a data center has similar building structure to an office building with primarily large open rooms with high ceilings and many individual smaller spaces for tenants. However, the electricity, natural gas, indoor and outdoor water, and daily trips were changed from default to information provided by the Applicant to more accurately represent the Project

[2] SCAQMD, *Localized Significance Threshold Methodology*, July 2008, https://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/final-lst-methodology-document.pdf. Accessed February 8, 2024.

characteristics and associated air quality emissions. Per information provided from the Applicant, the Project would require approximately 438 GwH per year of electricity and approximately 12 million gallons of water for indoor and outdoor water usage. No natural gas is proposed for the building.

5.0 Impact Analysis

Threshold (a) Would the project conflict with or obstruct implementation of the applicable air quality plan?

As part of its enforcement responsibilities, the U.S. EPA requires each state with nonattainment areas to prepare and submit a SIP that demonstrates the means to attain the federal standards. The SIP must integrate federal, state, and local plan components and regulations to identify specific measures to reduce pollution in nonattainment areas, using a combination of performance standards and market-based programs. Similarly, under State law, the CCAA requires an air quality attainment plan to be prepared for areas designated as nonattainment regarding the state and federal ambient air quality standards. Air quality attainment plans outline emissions limits and control measures to achieve and maintain these standards by the earliest practical date.

The Project is located within the SoCAB, which is under the jurisdiction of the SCAQMD. The SCAQMD is required, pursuant to the FCAA, to reduce emissions of criteria pollutants for which the SoCAB is in nonattainment. To reduce such emissions, the SCAQMD adopted the 2016 AQMP and recently approved the 2022 AQMP (collectively, the "AQMPs"). The AQMPs establish a program of rules and regulations directed at reducing air pollutant emissions and achieving state (California) and national air quality standards. Because CARB approval of the 2022 AQMP may be reached during the expected Project entitlement period, this analysis compares The Project to both of the SCAQMD's AQMPs.

Criteria for determining project consistency with the AQMP are defined by the following indicators:

- **Consistency Criterion No. 1**: The Project will not result in an increase in the frequency or severity of existing air quality violations, or cause or contribute to new violations, or delay the timely attainment of air quality standards or the interim emissions reductions specified in the AQMP.

- **Consistency Criterion No. 2**: The Project will not exceed the assumptions in the AQMP or increments based on the years of the Project build-out phase.

According to the SCAQMD's *CEQA Air Quality Handbook*, the purpose of the consistency finding is to determine if a project is inconsistent with the assumptions and objectives of the regional air quality plans, and thus if it would interfere with the region's ability to comply with CAAQS and NAAQS.

The violations to which Consistency Criterion No. 1 refers are CAAQS and NAAQS. As discussed in Threshold b below, the Project would not exceed construction or operational emissions standards. Therefore, the Project would not contribute to an existing air quality violation, or cause or contribute to new violations, or delay the timely attainment of air quality standards or the interim emissions reductions specified in the AQMP. Thus, the Project is consistent with the first criterion.

Concerning Consistency Criterion No. 2, the AQMPs contains air pollutant reduction strategies based on SCAG's latest growth forecasts, and SCAG's growth forecasts were defined in consultation with local governments and with reference to local general plans. As discussed in the City's General Plan, the Project Site is within the Innovation/Technology land use designation. According to the Land Use and Urban Design Element of the General Plan, the primary uses allowed within this land use designation include research and development, light manufacturing, service commercial, professional offices, entertainment, and breweries/wineries. The Project proposes to develop a data center, which is a permitted use within the Innovation/Technology land use designation. The Project Site is zoned Office Professional (Voter Enacted) (O-P). Pursuant to MPMC Chapter 21.14, O-P – Office Professional Zone (Voter Enacted), the O-P Zone is intended to provide for the development of integrated professional, office, and limited retail areas that exhibit a diversity of business activity from both revenue and service quality standpoints, and which are compatible and responsive to abutting land uses, including residential developments. As discussed in the *1977 Saturn Data Center Project Initial Study/Mitigated Negative Declaration (Section 4.11, Land Use)*, the Project would be consistent with the zoning for the Project Site, including the land use, floor area ratio (FAR), height, and setback requirements, standards, and limits established in the MPMC for the O-P Zone. The Project is consistent with the land use designation and development density presented in the City's General Plan, and therefore would not exceed the population or job growth projections used by the SCAQMD to develop the AQMPs. Thus, the Project is consistent with the second criterion.

Based on these criteria, the Project would not conflict with or obstruct implementation of the AQMPs and impacts would be less than significant.

Mitigation Measures: No mitigation is required.

Level of Significance: Less Than Significant Impact.

Threshold (b) Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in non-attainment under an applicable federal or State ambient air quality standard?

As shown on **Table 2** above, the SoCAB is classified as non-attainment of the applicable NAAQS and or CAAQS for pollutants: O_3 (precursor pollutants ROG and NO_X),PM10, PM2.5, and lead (for the Los

Angeles County portion only, and is expected to be redesignated to attainment based on recent monitoring[3]). The SoCAB is classified as attainment, maintenance, or unclassifiable for all other criteria pollutants. Nonetheless, the analysis below discloses emissions and applicable thresholds for O_3 precursors, NO_2, PM10, PM2.5, CO, and SO_2. Emissions of lead, hydrogen sulfide, sulfates, and vinyl chloride are not reported, because they would be minimal from the construction and operation of a data center.

Construction Emissions

Construction-generated emissions are short term and of temporary duration, lasting only as long as construction activities occur, but would be considered a significant air quality impact if the amount of pollutants generated exceeds the SCAQMD's thresholds of significance. Sources of emissions during construction include site grading, motor vehicle exhaust associated with construction equipment and worker trips, and the movement of construction equipment, especially on unpaved surfaces. Emissions of airborne particulate matter are largely dependent on the amount of ground disturbance associated with site preparation activities as well as weather conditions and the appropriate application of water. Sensitive land uses surrounding the Project Site consist mostly of residential communities located adjacent to the Project Site, including single-family residences to the north and west of the Project Site.

Construction-generated emissions associated with the Project were calculated using the CARB-approved California Emissions Estimator Model (CalEEMod), which is designed to model emissions for land use development projects, based on typical construction requirements. See **Attachment A: Air Quality Data** for more information regarding the construction assumptions used in this analysis. Predicted maximum daily construction-generated emissions for the Project are identified in **Table 6: Project Construction Emissions**. The modeling emissions include truck idling time and emissions from heavy-duty diesel equipment.

Table 6: Project Construction Emissions

Calendar Year	Emissions (pounds per day)[1]					
	ROG	NO_X	CO	SO_2	PM10	PM2.5
2025	3.38	52.2	32.4	0.22	9.57	4.02
2026	1.39	11.6	17.9	0.03	1.35	0.69
2027	1.12	6.72	11.3	0.02	1.53	0.49
SCAQMD Threshold	75	100	550	150	150	55

[3] SCAQMD, "National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS) Attainment Status for South Coast Air Basin"; https://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/naaqs-caaqs-feb2016.pdf?sfvrsn=23 ; Accessed April 21, 2024.

Table 6: Project Construction Emissions						
Calendar Year	**Emissions (pounds per day)[1]**					
	ROG	**NO_X**	**CO**	**SO_2**	**PM10**	**PM2.5**
SCAQMD Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**
1. Emissions were calculated using the CalEEMod version 2022.1.1.22, as recommended by the SCAQMD. Worst-case seasonal maximum daily emissions are reported.						
Source: CalEEMod version 2022.1.1.22. Refer to **Attachment A** for model outputs.						

The Project is subject to SCAQMD Rules 402, 403, and 1113, which prohibit nuisances, require dust mitigation, and limit VOC content in paints, respectively. It has been assumed that these rules will be followed using watering the site and low VOC paints during construction. In addition, the Project would follow Rule 1403 to limit asbestos emissions from building demolition. The Project may be required to comply with Rule 1466, *Control of Particulate Emissions from Soils with Toxic Air Contaminants.* The results of the emissions modeling, as summarized on **Table 6**, show that construction criteria pollutant emissions would remain below the applicable thresholds, and construction impacts on short-term regional air quality would be less than significant.

Operational Emissions

The primary purpose of the data center is to house computer servers. Operational sources of emissions include mobile sources (i.e., motor vehicle use for employee commuting) and area sources (such as the use of landscape maintenance equipment, hearths, consumer products, and architectural coatings). In addition, the proposed Project would include up to 12 4-MW stationary emergency diesel generators upon loss of grid power. However, the use of these generators is restricted to periodic maintenance and testing and for continuous use in an emergency situation. The reliance on generators to supply the power needed to keep the data center running during power loss is not expected to be frequent or prolonged, is not a reasonably foreseeable scenario, and therefore is not analyzed under CEQA. **Table 7: Project Operational Emissions** summarizes the operational emissions attributable to the Project.

Table 7: Project Operational Emissions						
Source	**Emissions (pounds per day)[1]**					
	ROG	**NO_X**	**CO**	**SO_2**	**PM10**	**PM2.5**
Area	7.54	0.09	10.5	<0.005	0.02	0.01
Energy	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.18	0.16	1.88	<0.005	0.46	0.12
Total	**7.72**	**0.25**	**12.4**	**0.01**	**0.48**	**0.13**
SCAQMD Threshold	55	55	550	150	150	55
SCAQMD Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Table 7: Project Operational Emissions						
Source	**Emissions (pounds per day)[1]**					
	ROG	**NO_X**	**CO**	**SO_2**	**PM10**	**PM2.5**
1. Emissions were calculated using the California Emissions Estimator Model (CalEEMod) version 2022.1.1.22, as recommended by the SCAQMD. Worst-case seasonal maximum daily emissions are reported.						
Source: CalEEMod version 2022.1.1.22. Refer to **Attachment A** for model outputs.						

As shown in **Table 7**, the Project's regional operational emissions would not exceed applicable SCAQMD thresholds, and operational impacts on long-term regional air quality would be less than significant.

The testing and maintenance of the generators would be limited under the terms of SCAQMD operating permits to be obtained by the Applicant, to operate for a maximum of 4.2 hours each month. Emissions would be temporary and variable, and are not considered in these analyses. As part of the regulatory compliance process, the Applicant will obtain Permits to Operate (PTO) from the SCAQMD prior to installation or operation of the emergency generators, which verifies that the generators meet the applicable Best Available Control Technology (BACT) requirements and comply with SCAQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines) and Rule 1401 (New Source Review of Toxic Air Contaminants). Thus, the facility would not result in a violation of the ambient air standards or result in exposure to TAC emissions in excess of thresholds.

Mitigation Measure: No mitigation is required.

Level of Significance: Less Than Significant Impact.

Threshold (c) Would the project expose sensitive receptors to substantial pollutant concentrations?

Localized Construction Impacts

The nearest sensitive receptors to the Project Site are multi-family residences located approximately 65 feet (approximately 20 meters) northwest of the Project Site. To assess potential impacts to nearby sensitive receptors, the SCAQMD established Localized Significance Thresholds (LSTs). LSTs were developed in response to SCAQMD Governing Boards' Environmental Justice Enhancement Initiative (I-4). The SCAQMD provided the *Final Localized Significance Threshold Methodology* (dated June 2003 [revised 2008]) to assist lead agencies in analyzing project-specific localized impacts. The SCAQMD established LSTs for certain pollutants with localized effects, specifically NO_X, CO, PM10, and PM2.5.

Since CalEEMod calculates construction emissions based on the number of equipment hours and the maximum daily soil disturbance activity possible for each piece of equipment, **Table 8: Equipment-Specific Grading Rates** is used to determine the maximum daily disturbed acreage for comparison to LSTs. A conversion from equipment number to the maximum daily disturbed acreage is calculated. The appropriate source receptor area (SRA) for the localized significance thresholds is the South San Gabriel Valley (SRA 11) area since this area includes the Project Site. LSTs apply to CO, NO_2, PM10, and PM2.5. The SCAQMD produced look-up tables for projects that disturb areas less than or equal to 5 acres in size. Project construction is anticipated to disturb approximately 2.5 acres in a single day. As the LST guidance provides thresholds for projects disturbing 1-, 2-, and 5-acres in size and the thresholds increase with the size of the site, the LSTs for a 2.5-acre threshold were utilized for this analysis.

Table 8: Equipment-Specific Grading Rates

Construction Phase	Equipment Type	Equipment Quantity	Acres Graded per 8-Hour Day	Operating Hours per Day	Acres Graded per Day
Grading	Tractor	3	0.5	8	1.5
	Graders	1	0.5	8	0.5
	Dozers	1	0.5	8	0.5
Total Acres Graded per Day					**2.5**

Source: CalEEMod version 2022.1.1.22.

As stated in the SCAQMD's *Finalized Localized Significance Threshold Methodology,* "off-site mobile emissions from the Project should not be included in the emissions compared to LSTs." Therefore, for purposes of the construction LST analysis, only emissions included in the CalEEMod "on-site" emissions outputs were considered. The nearest sensitive receptors are the residences located approximately 65 feet (approximately 20 meters) northwest to the north of the Project Site. LST thresholds are provided for distances to sensitive receptors of 25, 50, 100, 200, and 500 meters. Therefore, LSTs for 25 meters were utilized in this analysis. **Table 9: Localized Significance of Construction Emissions***,* shows the results of localized emissions during construction activity. This table represents the worse-case scenario and are based on peak earthwork volumes anticipated. As shown in **Table 9,** localized Project construction emissions would not exceed SCAQMD thresholds and impacts would be less than significant.

Table 9: Localized Significance of Construction Emissions				
Source/Activity	**Emissions (pounds per day)[1]**			
	NO_X	**CO**	**PM10**	**PM2.5**
Construction Emissions				
Phase 1 - Demolition (2025)	22.2	19.9	3.9	1.3
Phase 1 – Site Preparation (2025)	31.6	30.2	6.5	3.9
Phase 1 – Grading (2025)	16.3	17.9	2.6	1.6
Phase 1 – Building Construction and Utilities (2026)	9.85	13.0	0.38	0.35
Phase 1 Paving (2026)	7.12	9.94	0.32	0.29
Phase 2 – Interior Construction (2026)	5.27	6.78	0.19	0.18
Phase 2 – Interior Construction (2027)	5.03	6.75	0.17	0.15
Phase 2 – Architectural coating (2027)	0.83	1.13	0.02	0.02
Maximum Daily Emissions	*31.6*	*30.2*	*6.5*	*3.9*
SCAQMD Localized Screening Threshold (2.5 acres of disturbance at 25 meters)	131	1,162	8	6
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**

1. Maximum emissions may not add up exactly due rounding in the modeling calculations. Detailed emissions calculations are provided in **Attachment A**.
2. SCAQMD Rule 403 Fugitive Dust applied for construction emissions. The Rule 403 reduction/credits include the following: properly maintain mobile and other construction equipment; replace ground cover in disturbed areas quickly; water exposed surfaces three times daily; water all haul roads three times daily; and limit speeds on unpaved roads to 15 miles per hour. Reductions percentages from the SCAQMD CEQA Handbook (Tables XI-A through XI-E) were applied. No mitigation was applied to construction equipment.

Source: CalEEMod version 2022.1.1.22. Refer to **Attachment A** for model outputs.

Localized Operational Impacts

According to the SCAQMD localized significance threshold methodology, operational LSTs apply to on-site sources. LSTs for receptors located at approximately 25 meters for SRA 11 were utilized in this analysis. Although the Project Site is 15.8 acres, the 5-acre LST threshold was conservatively used because a smaller size LST threshold is more conservative. Therefore, the 5-acre LSTs is a conservative evaluation of a 15.8 acre site.

The on-site operational emissions were calculated using CalEEMod and are compared to the LSTs in **Table 10: Localized Significance of Operational Emissions**. The operational emissions shown in **Table 10** include all on-site Project-related stationary sources (i.e., area and energy).

Table 10: Localized Significance of Operational Emissions				
Source/Activity	**Emissions (pounds per day)[1]**			
	NO_X	**CO**	**PM10**	**PM2.5**
Operational Emissions				
On-Site Emissions (Area + Energy Sources)	7.54	10.5	0.02	0.01
SCAQMD Localized Screening Threshold (5-acre site at 25 meters)	131	1,162	2	2
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**
1. Emissions were calculated using the California Emissions Estimator Model version 2022.1.1.20 (CalEEMod), as recommended by the SCAQMD. Worst-case seasonal maximum daily emissions are reported.				
Source: CalEEMod version 2022.1.1.22. Refer to **Attachment A** for model data outputs.				

As shown in **Table 10**, the Project would not generate localized emissions during Project operations. Therefore, the Project would result in a less than significant impact concerning LSTs during operational activities.

Carbon Monoxide Hot Spots

An analysis of CO "hot spots" is needed to determine whether the change in the level of service of an intersection resulting from the Project would have the potential to result in exceedances of the CAAQS or NAAQS. It has long been recognized that CO exceedances are caused by vehicular emissions, primarily when vehicles are idling at intersections. Vehicle emissions standards have become increasingly stringent in the last 20 years. Currently, the CO standard in California is a maximum of 3.4 grams per mile for passenger cars (requirements for certain vehicles are more stringent). With the turnover of older vehicles, introduction of cleaner fuels, and implementation of control technology on industrial facilities, CO concentrations have steadily declined. Accordingly, with the steadily decreasing CO emissions from vehicles, even very busy intersections do not result in exceedances of the CO standard.

The SoCAB was re-designated as attainment in 2007 and is no longer addressed in the SCAQMD's AQMP. The 2003 AQMP is the most recent version that addresses CO concentrations. As part of the SCAQMD *CO Hotspot Analysis*, the Wilshire Boulevard/Veteran Avenue intersection, one of the most congested intersections in Southern California with an average daily traffic (ADT) volume of approximately 100,000 vehicles per day, was modeled for CO concentrations. This modeling effort identified a CO concentration high of 4.6 ppm, which is well below the 35-ppm Federal standard. The Project considered herein would not produce the volume of traffic required to generate a CO hot spot in the context of SCAQMD's *CO Hotspot Analysis*. As the CO hotspots were not experienced at the Wilshire Boulevard/Veteran Avenue intersection even as it accommodates 100,000 vehicles daily, it

can be reasonably inferred that CO hotspots would not be experienced at any vicinity intersections as the Project would result in 52 daily trips.[4] Therefore, impacts would be less than significant.

Mitigation Measure: No mitigation is required.

Level of Significance: Less than Significant Impact.

Threshold (d) Would the project create objectionable odors affecting a substantial number of people?

Construction

Odors that could be generated by construction activities are required to follow SCAQMD Rule 402 to prevent odor nuisances on sensitive land uses. SCAQMD Rule 402, Nuisance, states:

> *A person shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property.*

During construction, emissions from construction equipment, such as diesel exhaust, and volatile organic compounds from architectural coatings and paving activities may generate odors. However, these odors would be temporary, are not expected to affect a substantial number of people and would disperse rapidly. Therefore, impacts related to odors associated with the Project's construction-related activities would be less than significant.

Operations

The SCAQMD *CEQA Air Quality Handbook* identifies certain land uses as sources of odors. These land uses include agriculture (farming and livestock), wastewater treatment plants, food processing plants, chemical plants, composting facilities, refineries, landfills, dairies, and fiberglass molding. The Project would not include any of the land uses that have been identified by the SCAQMD as odor sources. Therefore, the Project would not create objectionable odors.

Mitigation Measures: No mitigation is required.

Level of Significance: No Impact.

[4] Kimley-Horn and Associates, Inc., Transportation Analysis and Vehicle Miles Traveled Screening, April 5, 2024.

6.0 Conclusion

Project implementation would result in less than significant construction and operational air quality impacts, and no mitigation is required.

7.0 References

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15. United States Environmental Protection Agency, *National Ambient Air Quality Standards Table*, 2024.
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Attachment A

CalEEMod Modeling Results

Saturn Data Center Project - Construction Only Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Saturn Data Center Project - Construction Only
Construction Start Date	9/1/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.2
Location	1977 Saturn St, Monterey Park, CA 91755, USA
County	Los Angeles-South Coast
City	Monterey Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4170
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.22

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Office Building	218	1000sqft	5.01	218,400	113,291	0.00	—	—

Parking Lot	68.0	Space	0.61	0.00	0.00	0.00	—	—
General Office Building	24.0	1000sqft	0.55	24,000	0.00	0.00	—	Proxy to substation

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.23	35.3	27.0	22.8	0.06	0.97	4.17	5.14	0.89	0.78	1.67	—	7,518	7,518	0.36	0.64	9.78	7,729
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.29	3.38	52.2	32.4	0.22	1.37	9.57	10.7	1.26	3.00	4.02	—	31,311	31,311	1.66	4.45	1.71	32,679
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.04	6.60	8.26	11.0	0.02	0.27	1.37	1.64	0.25	0.43	0.68	—	2,984	2,984	0.15	0.32	2.10	3,087
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.19	1.20	1.51	2.01	< 0.005	0.05	0.25	0.30	0.04	0.08	0.12	—	494	494	0.02	0.05	0.35	511

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	3.23	2.52	27.0	22.8	0.06	0.97	4.17	5.14	0.89	0.78	1.67	—	7,518	7,518	0.36	0.64	9.78	7,729
2026	1.69	1.39	11.5	18.6	0.03	0.40	1.35	1.75	0.36	0.33	0.69	—	4,687	4,687	0.19	0.23	6.90	4,768
2027	1.38	35.3	7.54	15.0	0.02	0.19	1.76	1.95	0.18	0.43	0.61	—	3,738	3,738	0.16	0.23	7.67	3,818
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.29	3.38	52.2	32.4	0.22	1.37	9.57	10.7	1.26	3.00	4.02	—	31,311	31,311	1.66	4.45	1.71	32,679
2026	1.69	1.39	11.6	17.9	0.03	0.40	1.35	1.75	0.36	0.33	0.69	—	4,633	4,633	0.19	0.23	0.18	4,707
2027	1.12	0.91	6.72	11.3	0.02	0.17	1.35	1.53	0.16	0.33	0.49	—	3,139	3,139	0.10	0.21	0.17	3,205
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.89	0.65	8.26	6.57	0.02	0.27	1.37	1.64	0.25	0.43	0.68	—	2,984	2,984	0.15	0.32	2.10	3,087
2026	1.04	0.86	6.96	11.0	0.02	0.23	0.89	1.12	0.21	0.22	0.43	—	2,797	2,797	0.12	0.15	1.97	2,846
2027	0.51	6.60	2.97	5.28	0.01	0.08	0.63	0.70	0.07	0.15	0.22	—	1,404	1,404	0.04	0.09	1.24	1,434
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.16	0.12	1.51	1.20	< 0.005	0.05	0.25	0.30	0.04	0.08	0.12	—	494	494	0.02	0.05	0.35	511
2026	0.19	0.16	1.27	2.01	< 0.005	0.04	0.16	0.20	0.04	0.04	0.08	—	463	463	0.02	0.02	0.33	471
2027	0.09	1.20	0.54	0.96	< 0.005	0.01	0.11	0.13	0.01	0.03	0.04	—	232	232	0.01	0.02	0.21	237

3. Construction Emissions Details

3.1. Phase 1 Demolition (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.86	2.40	22.2	19.9	0.03	0.92	—	0.92	0.84	—	0.84	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	—	2.94	2.94	—	0.44	0.44	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.86	2.40	22.2	19.9	0.03	0.92	—	0.92	0.84	—	0.84	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	—	2.94	2.94	—	0.44	0.44	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.34	0.29	2.68	2.40	< 0.005	0.11	—	0.11	0.10	—	0.10	—	413	413	0.02	< 0.005	—	414
Demolition	—	—	—	—	—	—	0.35	0.35	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.49	0.44	< 0.005	0.02	—	0.02	0.02	—	0.02	—	68.4	68.4	< 0.005	< 0.005	—	68.6
Demolition	—	—	—	—	—	—	0.06	0.06	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	1.04	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	207	207	0.01	0.01	0.76	210
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.30	0.06	4.77	1.85	0.03	0.05	1.04	1.09	0.05	0.28	0.33	—	3,886	3,886	0.21	0.61	9.02	4,082
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.07	0.88	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	197	197	0.01	0.01	0.02	199
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.30	0.06	4.96	1.87	0.03	0.05	1.04	1.09	0.05	0.28	0.33	—	3,887	3,887	0.21	0.61	0.23	4,075
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	24.0	24.0	< 0.005	< 0.005	0.04	24.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.04	0.01	0.60	0.22	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	469	469	0.03	0.07	0.47	492
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.98	3.98	< 0.005	< 0.005	0.01	4.04
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.11	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	77.6	77.6	< 0.005	0.01	0.08	81.4

3.3. Phase 1 Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.94	3.31	31.6	30.2	0.05	1.37	—	1.37	1.26	—	1.26	—	5,295	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	5.11	5.11	—	2.63	2.63	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	0.22	2.08	1.98	< 0.005	0.09	—	0.09	0.08	—	0.08	—	348	348	0.01	< 0.005	—	349
Dust From Material Movement	—	—	—	—	—	—	0.34	0.34	—	0.17	0.17	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.38	0.36	< 0.005	0.02	—	0.02	0.02	—	0.02	—	57.6	57.6	< 0.005	< 0.005	—	57.8
Dust From Material Movement	—	—	—	—	—	—	0.06	0.06	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.08	1.03	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	229	229	0.01	0.01	0.02	232
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	15.3	15.3	< 0.005	< 0.005	0.03	15.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.53	2.53	< 0.005	< 0.005	< 0.005	2.57
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Phase 1 Grading (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.07	1.74	16.3	17.9	0.03	0.72	—	0.72	0.66	—	0.66	—	2,959	2,959	0.12	0.02	—	2,970

Dust From Material Movement	—	—	—	—	—	—	1.85	1.85	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.10	0.89	0.98	< 0.005	0.04	—	0.04	0.04	—	0.04	—	162	162	0.01	< 0.005	—	163
Dust From Material Movement	—	—	—	—	—	—	0.10	0.10	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	26.8	26.8	< 0.005	< 0.005	—	26.9
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.07	0.88	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	197	197	0.01	0.01	0.02	199
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.15	0.41	35.9	13.6	0.19	0.36	7.53	7.89	0.36	2.06	2.42	—	28,155	28,155	1.53	4.42	1.69	29,511

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.9	10.9	< 0.005	< 0.005	0.02	11.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.12	0.02	1.99	0.74	0.01	0.02	0.41	0.43	0.02	0.11	0.13	—	1,542	1,542	0.08	0.24	1.54	1,618
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.81	1.81	< 0.005	< 0.005	< 0.005	1.83
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	< 0.005	0.36	0.13	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	255	255	0.01	0.04	0.26	268

3.7. Phase 1 Building Construction and Utilities (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.28	1.07	9.85	13.0	0.02	0.38	—	0.38	0.35	—	0.35	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.28	1.07	9.85	13.0	0.02	0.38	—	0.38	0.35	—	0.35	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.53	0.45	4.10	5.40	0.01	0.16	—	0.16	0.15	—	0.15	—	998	998	0.04	0.01	—	1,002
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.75	0.99	< 0.005	0.03	—	0.03	0.03	—	0.03	—	165	165	0.01	< 0.005	—	166
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.29	0.30	5.01	0.00	0.00	1.01	1.01	0.00	0.24	0.24	—	1,051	1,051	0.04	0.04	3.56	1,067
Vendor	0.09	0.04	1.37	0.66	0.01	0.02	0.34	0.36	0.01	0.09	0.10	—	1,239	1,239	0.05	0.18	3.35	1,296
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.28	0.34	4.28	0.00	0.00	1.01	1.01	0.00	0.24	0.24	—	996	996	0.05	0.04	0.09	1,008
Vendor	0.09	0.04	1.43	0.68	0.01	0.02	0.34	0.36	0.01	0.09	0.10	—	1,239	1,239	0.05	0.18	0.09	1,293
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.15	1.86	0.00	0.00	0.42	0.42	0.00	0.10	0.10	—	421	421	0.02	0.02	0.64	427
Vendor	0.04	0.02	0.60	0.28	< 0.005	0.01	0.14	0.15	< 0.005	0.04	0.04	—	516	516	0.02	0.07	0.60	539
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.03	0.34	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	69.7	69.7	< 0.005	< 0.005	0.11	70.6
Vendor	0.01	< 0.005	0.11	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	85.4	85.4	< 0.005	0.01	0.10	89.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Phase 2 Interior Construction (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.64	5.27	6.78	0.01	0.19	—	0.19	0.18	—	0.18	—	947	947	0.04	0.01	—	950
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.64	5.27	6.78	0.01	0.19	—	0.19	0.18	—	0.18	—	947	947	0.04	0.01	—	950
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.26	1.62	< 0.005	0.05	—	0.05	0.04	—	0.04	—	226	226	0.01	< 0.005	—	227
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.23	0.30	< 0.005	0.01	—	0.01	0.01	—	0.01	—	37.4	37.4	< 0.005	< 0.005	—	37.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.29	0.30	5.01	0.00	0.00	1.01	1.01	0.00	0.24	0.24	—	1,051	1,051	0.04	0.04	3.56	1,067
Vendor	0.09	0.04	1.37	0.66	0.01	0.02	0.34	0.36	0.01	0.09	0.10	—	1,239	1,239	0.05	0.18	3.35	1,296
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.28	0.34	4.28	0.00	0.00	1.01	1.01	0.00	0.24	0.24	—	996	996	0.05	0.04	0.09	1,008
Vendor	0.09	0.04	1.43	0.68	0.01	0.02	0.34	0.36	0.01	0.09	0.10	—	1,239	1,239	0.05	0.18	0.09	1,293
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.09	1.07	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	241	241	0.01	0.01	0.37	245
Vendor	0.02	0.01	0.34	0.16	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	296	296	0.01	0.04	0.34	309
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.19	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	40.0	40.0	< 0.005	< 0.005	0.06	40.5
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	< 0.005	—	49.0	49.0	< 0.005	0.01	0.06	51.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Phase 2 Interior Construction (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.73	0.61	5.03	6.75	0.01	0.17	—	0.17	0.15	—	0.15	—	947	947	0.04	0.01	—	950
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.73	0.61	5.03	6.75	0.01	0.17	—	0.17	0.15	—	0.15	—	947	947	0.04	0.01	—	950
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.25	2.09	2.80	< 0.005	0.07	—	0.07	0.06	—	0.06	—	393	393	0.02	< 0.005	—	394
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.38	0.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	65.0	65.0	< 0.005	< 0.005	—	65.2
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.31	0.28	0.27	4.66	0.00	0.00	1.01	1.01	0.00	0.24	0.24	—	1,031	1,031	0.04	0.04	3.21	1,046
Vendor	0.08	0.04	1.31	0.62	0.01	0.01	0.34	0.35	0.01	0.09	0.10	—	1,215	1,215	0.05	0.17	3.17	1,269
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.31	0.27	0.33	3.95	0.00	0.00	1.01	1.01	0.00	0.24	0.24	—	977	977	0.01	0.04	0.08	989

Vendor	0.08	0.04	1.36	0.64	0.01	0.01	0.34	0.35	0.01	0.09	0.10	—	1,215	1,215	0.05	0.17	0.08	1,267
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.11	0.14	1.72	0.00	0.00	0.42	0.42	0.00	0.10	0.10	—	411	411	0.01	0.02	0.57	417
Vendor	0.03	0.02	0.57	0.26	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	504	504	0.02	0.07	0.57	526
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.03	0.31	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	68.1	68.1	< 0.005	< 0.005	0.10	69.0
Vendor	0.01	< 0.005	0.10	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	83.5	83.5	< 0.005	0.01	0.09	87.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Phase 1 Paving (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.91	0.76	7.12	9.94	0.01	0.32	—	0.32	0.29	—	0.29	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.05	0.04	0.41	0.57	< 0.005	0.02	—	0.02	0.02	—	0.02	—	86.9	86.9	< 0.005	< 0.005	—	87.2
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.4	14.4	< 0.005	< 0.005	—	14.4
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.97	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	203	203	0.01	0.01	0.69	206
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.2	11.2	< 0.005	< 0.005	0.02	11.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.86	1.86	< 0.005	< 0.005	< 0.005	1.89
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Phase 2 Architectural Coating (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	0.83	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	34.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.15	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.1	24.1	< 0.005	< 0.005	—	24.2
Architectural Coatings	—	6.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.00	4.00	< 0.005	< 0.005	—	4.01
Architectural Coatings	—	1.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.11	1.86	0.00	0.00	0.41	0.41	0.00	0.10	0.10	—	412	412	0.02	0.01	1.28	418
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.30	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	71.7	71.7	< 0.005	< 0.005	0.10	72.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.9	11.9	< 0.005	< 0.005	0.02	12.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Phase 1 Demolition	Demolition	9/1/2025	10/30/2025	5.00	44.0	—
Phase 1 Site Preparation	Site Preparation	10/31/2025	12/3/2025	5.00	24.0	—
Phase 1 Grading	Grading	12/4/2025	12/31/2025	5.00	20.0	—
Phase 1 Building Construction and Utilities	Building Construction	1/1/2026	8/1/2026	5.00	152	—
Phase 2 Interior Construction	Building Construction	9/1/2026	7/31/2027	5.00	239	—
Phase 1 Paving	Paving	8/2/2026	8/31/2026	5.00	21.0	—
Phase 2 Architectural Coating	Architectural Coating	6/1/2027	8/31/2027	5.00	66.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 1 Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Phase 1 Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Phase 1 Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38

Phase 1 Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Phase 1 Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Phase 1 Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Phase 1 Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Phase 1 Grading	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Phase 1 Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Phase 1 Building Construction and Utilities	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Phase 1 Building Construction and Utilities	Cranes	Diesel	Average	1.00	7.00	367	0.29
Phase 1 Building Construction and Utilities	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Phase 1 Building Construction and Utilities	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Phase 1 Building Construction and Utilities	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Phase 2 Interior Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Phase 2 Interior Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Phase 2 Interior Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Phase 2 Interior Construction	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48
Phase 1 Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Phase 1 Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36

Saturn Data Center Project - Operations Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Saturn Data Center Project - Operations
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.2
Location	1977 Saturn St, Monterey Park, CA 91755, USA
County	Los Angeles-South Coast
City	Monterey Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4170
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.22

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Office Building	218	1000sqft	5.01	218,400	113,291	0.00	—	—

Parking Lot	68.0	Space	0.61	0.00	0.00	0.00	—	—
General Office Building	24.0	1000sqft	0.55	24,000	0.00	0.00	—	Proxy for Substation

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.08	7.72	0.24	12.4	0.01	0.02	0.45	0.48	0.02	0.12	0.13	135	416,054	416,189	53.1	4.85	2.10	418,965
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.20	5.99	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	135	415,990	416,125	53.1	4.85	0.63	418,899
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.49	7.17	0.23	8.98	0.01	0.02	0.45	0.46	0.01	0.11	0.13	135	416,025	416,160	53.1	4.85	1.24	418,935
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.27	1.31	0.04	1.64	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	22.3	68,878	68,900	8.80	0.80	0.21	69,360

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.21	0.18	0.16	1.88	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	491	491	0.02	0.02	1.51	498
Area	1.88	7.54	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	415,449	415,449	39.6	4.80	—	417,870
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	70.5	83.7	1.36	0.03	—	128
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	2.08	7.72	0.24	12.4	0.01	0.02	0.45	0.48	0.02	0.12	0.13	135	416,054	416,189	53.1	4.85	2.10	418,965
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.20	0.18	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	470	470	0.02	0.02	0.04	477
Area	—	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	415,449	415,449	39.6	4.80	—	417,870
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	70.5	83.7	1.36	0.03	—	128
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	0.20	5.99	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	135	415,990	416,125	53.1	4.85	0.63	418,899
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.20	0.18	0.17	1.76	< 0.005	< 0.005	0.45	0.45	< 0.005	0.11	0.12	—	476	476	0.02	0.02	0.65	483
Area	1.28	6.99	0.06	7.22	< 0.005	0.01	—	0.01	0.01	—	0.01	—	29.7	29.7	< 0.005	< 0.005	—	29.8
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	415,449	415,449	39.6	4.80	—	417,870
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	70.5	83.7	1.36	0.03	—	128
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59

Total	1.49	7.17	0.23	8.98	0.01	0.02	0.45	0.46	0.01	0.11	0.13	135	416,025	416,160	53.1	4.85	1.24	418,935
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.04	0.03	0.03	0.32	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	78.8	78.8	< 0.005	< 0.005	0.11	79.9
Area	0.23	1.28	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	68,782	68,782	6.56	0.79	—	69,183
Water	—	—	—	—	—	—	—	—	—	—	—	2.19	11.7	13.9	0.23	0.01	—	21.1
Waste	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	0.27	1.31	0.04	1.64	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	22.3	68,878	68,900	8.80	0.80	0.21	69,360

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.21	0.18	0.16	1.88	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	491	491	0.02	0.02	1.51	498
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.21	0.18	0.16	1.88	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	491	491	0.02	0.02	1.51	498
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	0.20	0.18	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	470	470	0.02	0.02	0.04	477
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.20	0.18	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	470	470	0.02	0.02	0.04	477
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.04	0.03	0.03	0.32	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	78.8	78.8	< 0.005	< 0.005	0.11	79.9
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.04	0.03	0.03	0.32	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	78.8	78.8	< 0.005	< 0.005	0.11	79.9

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	415,427	415,427	39.6	4.80	—	417,847
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	22.1	22.1	< 0.005	< 0.005	—	22.3
Total	—	—	—	—	—	—	—	—	—	—	—	—	415,449	415,449	39.6	4.80	—	417,870
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	415,427	415,427	39.6	4.80	—	417,847
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	22.1	22.1	< 0.005	< 0.005	—	22.3
Total	—	—	—	—	—	—	—	—	—	—	—	—	415,449	415,449	39.6	4.80	—	417,870
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	68,779	68,779	6.56	0.79	—	69,179
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3.67	3.67	< 0.005	< 0.005	—	3.69
Total	—	—	—	—	—	—	—	—	—	—	—	—	68,782	68,782	6.56	0.79	—	69,183

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	5.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.88	1.73	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Total	1.88	7.54	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consum Products	—	5.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.23	0.22	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93
Total	0.23	1.28	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.2	70.5	83.7	1.36	0.03	—	128
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	—	13.2	70.5	83.7	1.36	0.03	—	128
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.2	70.5	83.7	1.36	0.03	—	128
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	13.2	70.5	83.7	1.36	0.03	—	128
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.19	11.7	13.9	0.23	0.01	—	21.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.19	11.7	13.9	0.23	0.01	—	21.1

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Office Building	54.0	54.0	54.0	19,710	640	640	640	233,427
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	363,600	121,200	1,600

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Office Building	437,991,240	346	0.0330	0.0040	0.00
Parking Lot	23,353	346	0.0330	0.0040	0.00
General Office Building	0.00	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	5,840,365	5,165,115
Parking Lot	0.00	0.00
General Office Building	1,051,200	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Office Building	203	—

Parking Lot	0.00	—
General Office Building	22.3	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	16.2	annual days of extreme heat

Extreme Precipitation	5.55	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	65.7
AQ-PM	83.4
AQ-DPM	56.8
Drinking Water	85.4
Lead Risk Housing	89.3
Pesticides	36.2

Toxic Releases	81.8
Traffic	97.9
Effect Indicators	—
CleanUp Sites	68.9
Groundwater	0.00
Haz Waste Facilities/Generators	60.2
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	17.4
Cardio-vascular	7.94
Low Birth Weights	49.3
Socioeconomic Factor Indicators	—
Education	66.5
Housing	54.1
Linguistic	71.2
Poverty	43.7
Unemployment	77.1

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	40.31823431
Employed	23.22597203
Median HI	54.35647376
Education	—

Bachelor's or higher	44.23200308
High school enrollment	100
Preschool enrollment	79.96920313
Transportation	—
Auto Access	45.25856538
Active commuting	40.56204286
Social	—
2-parent households	45.09174901
Voting	70.05004491
Neighborhood	—
Alcohol availability	52.77813422
Park access	37.2770435
Retail density	8.045682022
Supermarket access	42.53817529
Tree canopy	87.74541255
Housing	—
Homeownership	63.76235083
Housing habitability	42.25587065
Low-inc homeowner severe housing cost burden	26.4724753
Low-inc renter severe housing cost burden	54.20248941
Uncrowded housing	23.82907738
Health Outcomes	—
Insured adults	56.08879764
Arthritis	0.0
Asthma ER Admissions	88.3
High Blood Pressure	0.0
Cancer (excluding skin)	0.0

Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	63.8
Cognitively Disabled	64.4
Physically Disabled	73.0
Heart Attack ER Admissions	94.8
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	91.1
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	31.0
Elderly	16.2
English Speaking	17.4
Foreign-born	85.5
Outdoor Workers	54.7
Climate Change Adaptive Capacity	—

Impervious Surface Cover	40.4
Traffic Density	96.5
Traffic Access	23.0
Other Indices	—
Hardship	65.0
Other Decision Support	—
2016 Voting	32.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	63.0
Healthy Places Index Score for Project Location (b)	48.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification

Operations: Vehicle Data	Changes according to Project Trip Rate
Operations: Energy Use	Values provided by client.
Operations: Water and Waste Water	Values provided by client.

Saturn Data Center Project - Operations 2035 Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Saturn Data Center Project - Operations 2035
Operational Year	2035
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.2
Location	1977 Saturn St, Monterey Park, CA 91755, USA
County	Los Angeles-South Coast
City	Monterey Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4170
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.22

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Office Building	218	1000sqft	5.01	218,400	113,291	0.00	—	—

Parking Lot	68.0	Space	0.61	0.00	0.00	0.00	—	—
General Office Building	24.0	1000sqft	0.55	24,000	0.00	0.00	—	Proxy for Substation

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.04	7.68	0.20	12.0	< 0.005	0.02	0.45	0.47	0.02	0.12	0.13	135	313,489	313,623	53.1	4.85	1.10	316,397
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.16	5.95	0.12	1.35	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	135	313,427	313,562	53.1	4.85	0.60	316,335
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.44	7.14	0.18	8.61	< 0.005	0.01	0.45	0.46	0.01	0.11	0.13	135	313,462	313,596	53.1	4.85	0.81	316,370
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.26	1.30	0.03	1.57	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	22.3	51,897	51,919	8.80	0.80	0.13	52,379

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.16	0.14	0.11	1.49	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	436	436	0.02	0.02	0.51	441
Area	1.88	7.54	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	312,956	312,956	39.6	4.80	—	315,377
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	53.1	66.3	1.36	0.03	—	110
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	2.04	7.68	0.20	12.0	< 0.005	0.02	0.45	0.47	0.02	0.12	0.13	135	313,489	313,623	53.1	4.85	1.10	316,397
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.16	0.14	0.12	1.35	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	418	418	0.02	0.02	0.01	423
Area	—	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	312,956	312,956	39.6	4.80	—	315,377
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	53.1	66.3	1.36	0.03	—	110
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	0.16	5.95	0.12	1.35	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	135	313,427	313,562	53.1	4.85	0.60	316,335
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.16	0.14	0.12	1.39	< 0.005	< 0.005	0.45	0.45	< 0.005	0.11	0.12	—	423	423	0.02	0.02	0.22	428
Area	1.29	6.99	0.06	7.22	< 0.005	0.01	—	0.01	0.01	—	0.01	—	29.7	29.7	< 0.005	< 0.005	—	29.8
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	312,956	312,956	39.6	4.80	—	315,377
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	53.1	66.3	1.36	0.03	—	110
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59

Total	1.44	7.14	0.18	8.61	< 0.005	0.01	0.45	0.46	0.01	0.11	0.13	135	313,462	313,596	53.1	4.85	0.81	316,370
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.03	0.03	0.02	0.25	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	70.0	70.0	< 0.005	< 0.005	0.04	70.9
Area	0.23	1.28	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	51,813	51,813	6.56	0.79	—	52,214
Water	—	—	—	—	—	—	—	—	—	—	—	2.19	8.79	11.0	0.23	0.01	—	18.2
Waste	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	0.26	1.30	0.03	1.57	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	22.3	51,897	51,919	8.80	0.80	0.13	52,379

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.16	0.14	0.11	1.49	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	436	436	0.02	0.02	0.51	441
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.16	0.14	0.11	1.49	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	436	436	0.02	0.02	0.51	441
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	0.16	0.14	0.12	1.35	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	418	418	0.02	0.02	0.01	423
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.16	0.14	0.12	1.35	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	418	418	0.02	0.02	0.01	423
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.03	0.03	0.02	0.25	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	70.0	70.0	< 0.005	< 0.005	0.04	70.9
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.03	0.03	0.02	0.25	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	70.0	70.0	< 0.005	< 0.005	0.04	70.9

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	312,939	312,939	39.6	4.80	—	315,360
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	16.7	16.7	< 0.005	< 0.005	—	16.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	312,956	312,956	39.6	4.80	—	315,377
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	312,939	312,939	39.6	4.80	—	315,360
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	16.7	16.7	< 0.005	< 0.005	—	16.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	312,956	312,956	39.6	4.80	—	315,377
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	51,811	51,811	6.56	0.79	—	52,211
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	2.76	2.76	< 0.005	< 0.005	—	2.78
Total	—	—	—	—	—	—	—	—	—	—	—	—	51,813	51,813	6.56	0.79	—	52,214

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	5.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.88	1.73	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Total	1.88	7.54	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consum Products	—	5.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.23	0.22	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93
Total	0.23	1.28	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.2	53.1	66.3	1.36	0.03	—	110
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	—	13.2	53.1	66.3	1.36	0.03	—	110
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.2	53.1	66.3	1.36	0.03	—	110
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	13.2	53.1	66.3	1.36	0.03	—	110
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.19	8.79	11.0	0.23	0.01	—	18.2
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.19	8.79	11.0	0.23	0.01	—	18.2

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Office Building	54.0	54.0	54.0	19,710	640	640	640	233,427
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	363,600	121,200	1,600

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Office Building	437,991,240	261	0.0330	0.0040	0.00
Parking Lot	23,353	261	0.0330	0.0040	0.00
General Office Building	0.00	261	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	5,840,365	5,165,115
Parking Lot	0.00	0.00
General Office Building	1,051,200	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Office Building	203	—

Parking Lot	0.00	—
General Office Building	22.3	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	16.2	annual days of extreme heat

Extreme Precipitation	5.55	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	65.7
AQ-PM	83.4
AQ-DPM	56.8
Drinking Water	85.4
Lead Risk Housing	89.3
Pesticides	36.2

Toxic Releases	81.8
Traffic	97.9
Effect Indicators	—
CleanUp Sites	68.9
Groundwater	0.00
Haz Waste Facilities/Generators	60.2
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	17.4
Cardio-vascular	7.94
Low Birth Weights	49.3
Socioeconomic Factor Indicators	—
Education	66.5
Housing	54.1
Linguistic	71.2
Poverty	43.7
Unemployment	77.1

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	40.31823431
Employed	23.22597203
Median HI	54.35647376
Education	—

Bachelor's or higher	44.23200308
High school enrollment	100
Preschool enrollment	79.96920313
Transportation	—
Auto Access	45.25856538
Active commuting	40.56204286
Social	—
2-parent households	45.09174901
Voting	70.05004491
Neighborhood	—
Alcohol availability	52.77813422
Park access	37.2770435
Retail density	8.045682022
Supermarket access	42.53817529
Tree canopy	87.74541255
Housing	—
Homeownership	63.76235083
Housing habitability	42.25587065
Low-inc homeowner severe housing cost burden	26.4724753
Low-inc renter severe housing cost burden	54.20248941
Uncrowded housing	23.82907738
Health Outcomes	—
Insured adults	56.08879764
Arthritis	0.0
Asthma ER Admissions	88.3
High Blood Pressure	0.0
Cancer (excluding skin)	0.0

Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	63.8
Cognitively Disabled	64.4
Physically Disabled	73.0
Heart Attack ER Admissions	94.8
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	91.1
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	31.0
Elderly	16.2
English Speaking	17.4
Foreign-born	85.5
Outdoor Workers	54.7
Climate Change Adaptive Capacity	—

Impervious Surface Cover	40.4
Traffic Density	96.5
Traffic Access	23.0
Other Indices	—
Hardship	65.0
Other Decision Support	—
2016 Voting	32.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	63.0
Healthy Places Index Score for Project Location (b)	48.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification

Operations: Vehicle Data	Changes according to Project Trip Rate
Operations: Energy Use	Values provided by client.
Operations: Water and Waste Water	Values provided by client.

Saturn Data Center Project - Operations 2045 Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Saturn Data Center Project - Operations 2045
Operational Year	2045
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.2
Location	1977 Saturn St, Monterey Park, CA 91755, USA
County	Los Angeles-South Coast
City	Monterey Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4170
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.22

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Office Building	218	1000sqft	5.01	218,400	113,291	0.00	—	—

Parking Lot	68.0	Space	0.61	0.00	0.00	0.00	—	—
General Office Building	24.0	1000sqft	0.55	24,000	0.00	0.00	—	Proxy for Substation

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.02	7.67	0.18	11.9	< 0.005	0.02	0.45	0.47	0.02	0.12	0.13	135	454	588	13.5	0.05	0.70	941
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.14	5.93	0.10	1.23	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	135	393	528	13.5	0.05	0.59	880
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.43	7.12	0.16	8.49	< 0.005	0.01	0.45	0.46	0.01	0.11	0.13	135	427	562	13.5	0.05	0.64	915
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.26	1.30	0.03	1.55	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	22.3	70.8	93.1	2.24	0.01	0.11	151

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.14	0.13	0.09	1.36	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	410	410	0.01	0.01	0.11	415
Area	1.88	7.54	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.35	0.03	—	56.6
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	2.02	7.67	0.18	11.9	< 0.005	0.02	0.45	0.47	0.02	0.12	0.13	135	454	588	13.5	0.05	0.70	941
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.14	0.13	0.10	1.23	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	393	393	0.01	0.01	< 0.005	398
Area	—	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.35	0.03	—	56.6
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	0.14	5.93	0.10	1.23	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	135	393	528	13.5	0.05	0.59	880
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.14	0.13	0.10	1.27	< 0.005	< 0.005	0.45	0.45	< 0.005	0.11	0.12	—	398	398	0.01	0.01	0.05	402
Area	1.29	6.99	0.06	7.22	< 0.005	0.01	—	0.01	0.01	—	0.01	—	29.7	29.7	< 0.005	< 0.005	—	29.8
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.35	0.03	—	56.6
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59

Total	1.43	7.12	0.16	8.49	< 0.005	0.01	0.45	0.46	0.01	0.11	0.13	135	427	562	13.5	0.05	0.64	915
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.03	0.02	0.02	0.23	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	65.9	65.9	< 0.005	< 0.005	0.01	66.6
Area	0.23	1.28	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	2.19	0.00	2.19	0.22	0.01	—	9.38
Waste	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	0.26	1.30	0.03	1.55	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	22.3	70.8	93.1	2.24	0.01	0.11	151

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.14	0.13	0.09	1.36	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	410	410	0.01	0.01	0.11	415
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.14	0.13	0.09	1.36	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	410	410	0.01	0.01	0.11	415
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	0.14	0.13	0.10	1.23	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	393	393	0.01	0.01	< 0.005	398
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.14	0.13	0.10	1.23	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	393	393	0.01	0.01	< 0.005	398
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.03	0.02	0.02	0.23	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	65.9	65.9	< 0.005	< 0.005	0.01	66.6
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.03	0.02	0.02	0.23	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	65.9	65.9	< 0.005	< 0.005	0.01	66.6

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	5.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.88	1.73	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Total	1.88	7.54	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consum Products	—	5.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consum er Products	—	0.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landsca pe Equipme nt	0.23	0.22	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93
Total	0.23	1.28	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.35	0.03	—	56.6
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.35	0.03	—	56.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.35	0.03	—	56.6
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.35	0.03	—	56.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.19	0.00	2.19	0.22	0.01	—	9.38
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.19	0.00	2.19	0.22	0.01	—	9.38

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Office Building	54.0	54.0	54.0	19,710	640	640	640	233,427
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	363,600	121,200	1,600

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Office Building	437,991,240	0.00	0.0000	0.0000	0.00
Parking Lot	23,353	0.00	0.0000	0.0000	0.00
General Office Building	0.00	0.00	0.0000	0.0000	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	5,840,365	5,165,115
Parking Lot	0.00	0.00
General Office Building	1,051,200	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Office Building	203	—

Parking Lot	0.00	—
General Office Building	22.3	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	16.2	annual days of extreme heat

Extreme Precipitation	5.55	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	65.7
AQ-PM	83.4
AQ-DPM	56.8
Drinking Water	85.4
Lead Risk Housing	89.3
Pesticides	36.2

Toxic Releases	81.8
Traffic	97.9
Effect Indicators	—
CleanUp Sites	68.9
Groundwater	0.00
Haz Waste Facilities/Generators	60.2
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	17.4
Cardio-vascular	7.94
Low Birth Weights	49.3
Socioeconomic Factor Indicators	—
Education	66.5
Housing	54.1
Linguistic	71.2
Poverty	43.7
Unemployment	77.1

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	40.31823431
Employed	23.22597203
Median HI	54.35647376
Education	—

Bachelor's or higher	44.23200308
High school enrollment	100
Preschool enrollment	79.96920313
Transportation	—
Auto Access	45.25856538
Active commuting	40.56204286
Social	—
2-parent households	45.09174901
Voting	70.05004491
Neighborhood	—
Alcohol availability	52.77813422
Park access	37.2770435
Retail density	8.045682022
Supermarket access	42.53817529
Tree canopy	87.74541255
Housing	—
Homeownership	63.76235083
Housing habitability	42.25587065
Low-inc homeowner severe housing cost burden	26.4724753
Low-inc renter severe housing cost burden	54.20248941
Uncrowded housing	23.82907738
Health Outcomes	—
Insured adults	56.08879764
Arthritis	0.0
Asthma ER Admissions	88.3
High Blood Pressure	0.0
Cancer (excluding skin)	0.0

Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	63.8
Cognitively Disabled	64.4
Physically Disabled	73.0
Heart Attack ER Admissions	94.8
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	91.1
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	31.0
Elderly	16.2
English Speaking	17.4
Foreign-born	85.5
Outdoor Workers	54.7
Climate Change Adaptive Capacity	—

Impervious Surface Cover	40.4
Traffic Density	96.5
Traffic Access	23.0
Other Indices	—
Hardship	65.0
Other Decision Support	—
2016 Voting	32.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	63.0
Healthy Places Index Score for Project Location (b)	48.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification

Operations: Vehicle Data	Changes according to Project Trip Rate
Operations: Energy Use	Values provided by client.
Operations: Water and Waste Water	Values provided by client.
Characteristics: Utility Information	Carbon neutrality by 2045 per SB 100

Phase 1 Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Phase 2 Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 1 Demolition	—	—	—	—
Phase 1 Demolition	Worker	15.0	18.5	LDA,LDT1,LDT2
Phase 1 Demolition	Vendor	—	10.2	HHDT,MHDT
Phase 1 Demolition	Hauling	56.1	20.0	HHDT
Phase 1 Demolition	Onsite truck	—	—	HHDT
Phase 1 Site Preparation	—	—	—	—
Phase 1 Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Phase 1 Site Preparation	Vendor	—	10.2	HHDT,MHDT
Phase 1 Site Preparation	Hauling	0.00	20.0	HHDT
Phase 1 Site Preparation	Onsite truck	—	—	HHDT
Phase 1 Building Construction and Utilities	—	—	—	—
Phase 1 Building Construction and Utilities	Worker	77.6	18.5	LDA,LDT1,LDT2
Phase 1 Building Construction and Utilities	Vendor	39.7	10.2	HHDT,MHDT
Phase 1 Building Construction and Utilities	Hauling	0.00	20.0	HHDT
Phase 1 Building Construction and Utilities	Onsite truck	—	—	HHDT
Phase 2 Interior Construction	—	—	—	—
Phase 2 Interior Construction	Worker	77.6	18.5	LDA,LDT1,LDT2

Phase 2 Interior Construction	Vendor	39.7	10.2	HHDT,MHDT
Phase 2 Interior Construction	Hauling	0.00	20.0	HHDT
Phase 2 Interior Construction	Onsite truck	—	—	HHDT
Phase 1 Paving	—	—	—	—
Phase 1 Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Phase 1 Paving	Vendor	—	10.2	HHDT,MHDT
Phase 1 Paving	Hauling	0.00	20.0	HHDT
Phase 1 Paving	Onsite truck	—	—	HHDT
Phase 1 Grading	—	—	—	—
Phase 1 Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
Phase 1 Grading	Vendor	—	10.2	HHDT,MHDT
Phase 1 Grading	Hauling	406	20.0	HHDT
Phase 1 Grading	Onsite truck	—	—	HHDT
Phase 2 Architectural Coating	—	—	—	—
Phase 2 Architectural Coating	Worker	31.0	18.5	LDA,LDT1,LDT2
Phase 2 Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Phase 2 Architectural Coating	Hauling	0.00	20.0	HHDT
Phase 2 Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Phase 2 Architectural Coating	0.00	0.00	363,600	121,200	1,600

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Phase 1 Demolition	0.00	0.00	0.00	9,871	—
Phase 1 Site Preparation	0.00	0.00	36.0	0.00	—
Phase 1 Grading	0.00	65,000	20.0	0.00	—
Phase 1 Paving	0.00	0.00	0.00	0.00	0.61

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
General Office Building	0.00	0%
Parking Lot	0.61	100%
General Office Building	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	532	0.03	< 0.005
2026	0.00	532	0.03	< 0.005
2027	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit

Temperature and Extreme Heat	16.2	annual days of extreme heat
Extreme Precipitation	5.55	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	65.7
AQ-PM	83.4
AQ-DPM	56.8
Drinking Water	85.4
Lead Risk Housing	89.3

Pesticides	36.2
Toxic Releases	81.8
Traffic	97.9
Effect Indicators	—
CleanUp Sites	68.9
Groundwater	0.00
Haz Waste Facilities/Generators	60.2
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	17.4
Cardio-vascular	7.94
Low Birth Weights	49.3
Socioeconomic Factor Indicators	—
Education	66.5
Housing	54.1
Linguistic	71.2
Poverty	43.7
Unemployment	77.1

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	40.31823431
Employed	23.22597203
Median HI	54.35647376

Education	—
Bachelor's or higher	44.23200308
High school enrollment	100
Preschool enrollment	79.96920313
Transportation	—
Auto Access	45.25856538
Active commuting	40.56204286
Social	—
2-parent households	45.09174901
Voting	70.05004491
Neighborhood	—
Alcohol availability	52.77813422
Park access	37.2770435
Retail density	8.045682022
Supermarket access	42.53817529
Tree canopy	87.74541255
Housing	—
Homeownership	63.76235083
Housing habitability	42.25587065
Low-inc homeowner severe housing cost burden	26.4724753
Low-inc renter severe housing cost burden	54.20248941
Uncrowded housing	23.82907738
Health Outcomes	—
Insured adults	56.08879764
Arthritis	0.0
Asthma ER Admissions	88.3
High Blood Pressure	0.0

Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	63.8
Cognitively Disabled	64.4
Physically Disabled	73.0
Heart Attack ER Admissions	94.8
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	91.1
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	31.0
Elderly	16.2
English Speaking	17.4
Foreign-born	85.5
Outdoor Workers	54.7

Climate Change Adaptive Capacity	—
Impervious Surface Cover	40.4
Traffic Density	96.5
Traffic Access	23.0
Other Indices	—
Hardship	65.0
Other Decision Support	—
2016 Voting	32.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	63.0
Healthy Places Index Score for Project Location (b)	48.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Square footage according to project description.
Construction: Construction Phases	Changes according to client's project construction schedule
Construction: Off-Road Equipment	anticipated construction equipment based on assumptions

Saturn Data Center Project - Operations Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Saturn Data Center Project - Operations
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.2
Location	1977 Saturn St, Monterey Park, CA 91755, USA
County	Los Angeles-South Coast
City	Monterey Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4170
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.22

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Office Building	218	1000sqft	5.01	218,400	113,291	0.00	—	—

Parking Lot	68.0	Space	0.61	0.00	0.00	0.00	—	—
General Office Building	24.0	1000sqft	0.55	24,000	0.00	0.00	—	Proxy for Substation

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.08	7.72	0.24	12.4	0.01	0.02	0.45	0.48	0.02	0.12	0.13	135	416,054	416,189	53.1	4.85	2.10	418,965
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.20	5.99	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	135	415,990	416,125	53.1	4.85	0.63	418,899
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.49	7.17	0.23	8.98	0.01	0.02	0.45	0.46	0.01	0.11	0.13	135	416,025	416,160	53.1	4.85	1.24	418,935
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.27	1.31	0.04	1.64	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	22.3	68,878	68,900	8.80	0.80	0.21	69,360

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.21	0.18	0.16	1.88	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	491	491	0.02	0.02	1.51	498
Area	1.88	7.54	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	415,449	415,449	39.6	4.80	—	417,870
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	70.5	83.7	1.36	0.03	—	128
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	2.08	7.72	0.24	12.4	0.01	0.02	0.45	0.48	0.02	0.12	0.13	135	416,054	416,189	53.1	4.85	2.10	418,965
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.20	0.18	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	470	470	0.02	0.02	0.04	477
Area	—	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	415,449	415,449	39.6	4.80	—	417,870
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	70.5	83.7	1.36	0.03	—	128
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	0.20	5.99	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	135	415,990	416,125	53.1	4.85	0.63	418,899
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.20	0.18	0.17	1.76	< 0.005	< 0.005	0.45	0.45	< 0.005	0.11	0.12	—	476	476	0.02	0.02	0.65	483
Area	1.28	6.99	0.06	7.22	< 0.005	0.01	—	0.01	0.01	—	0.01	—	29.7	29.7	< 0.005	< 0.005	—	29.8
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	415,449	415,449	39.6	4.80	—	417,870
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	70.5	83.7	1.36	0.03	—	128
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59

Total	1.49	7.17	0.23	8.98	0.01	0.02	0.45	0.46	0.01	0.11	0.13	135	416,025	416,160	53.1	4.85	1.24	418,935
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.04	0.03	0.03	0.32	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	78.8	78.8	< 0.005	< 0.005	0.11	79.9
Area	0.23	1.28	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	68,782	68,782	6.56	0.79	—	69,183
Water	—	—	—	—	—	—	—	—	—	—	—	2.19	11.7	13.9	0.23	0.01	—	21.1
Waste	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	0.27	1.31	0.04	1.64	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	22.3	68,878	68,900	8.80	0.80	0.21	69,360

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.21	0.18	0.16	1.88	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	491	491	0.02	0.02	1.51	498
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.21	0.18	0.16	1.88	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	491	491	0.02	0.02	1.51	498
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	0.20	0.18	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	470	470	0.02	0.02	0.04	477
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.20	0.18	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	470	470	0.02	0.02	0.04	477
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.04	0.03	0.03	0.32	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	78.8	78.8	< 0.005	< 0.005	0.11	79.9
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.04	0.03	0.03	0.32	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	78.8	78.8	< 0.005	< 0.005	0.11	79.9

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	415,427	415,427	39.6	4.80	—	417,847
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	22.1	22.1	< 0.005	< 0.005	—	22.3
Total	—	—	—	—	—	—	—	—	—	—	—	—	415,449	415,449	39.6	4.80	—	417,870
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	415,427	415,427	39.6	4.80	—	417,847
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	22.1	22.1	< 0.005	< 0.005	—	22.3
Total	—	—	—	—	—	—	—	—	—	—	—	—	415,449	415,449	39.6	4.80	—	417,870
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	68,779	68,779	6.56	0.79	—	69,179
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3.67	3.67	< 0.005	< 0.005	—	3.69
Total	—	—	—	—	—	—	—	—	—	—	—	—	68,782	68,782	6.56	0.79	—	69,183

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	5.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.88	1.73	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Total	1.88	7.54	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consum Products	—	5.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.23	0.22	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93
Total	0.23	1.28	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.2	70.5	83.7	1.36	0.03	—	128
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	—	13.2	70.5	83.7	1.36	0.03	—	128
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.2	70.5	83.7	1.36	0.03	—	128
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	13.2	70.5	83.7	1.36	0.03	—	128
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.19	11.7	13.9	0.23	0.01	—	21.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.19	11.7	13.9	0.23	0.01	—	21.1

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Office Building	54.0	54.0	54.0	19,710	640	640	640	233,427
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	363,600	121,200	1,600

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Office Building	437,991,240	346	0.0330	0.0040	0.00
Parking Lot	23,353	346	0.0330	0.0040	0.00
General Office Building	0.00	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	5,840,365	5,165,115
Parking Lot	0.00	0.00
General Office Building	1,051,200	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Office Building	203	—

Parking Lot	0.00	—
General Office Building	22.3	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	16.2	annual days of extreme heat

Extreme Precipitation	5.55	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	65.7
AQ-PM	83.4
AQ-DPM	56.8
Drinking Water	85.4
Lead Risk Housing	89.3
Pesticides	36.2

Toxic Releases	81.8
Traffic	97.9
Effect Indicators	—
CleanUp Sites	68.9
Groundwater	0.00
Haz Waste Facilities/Generators	60.2
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	17.4
Cardio-vascular	7.94
Low Birth Weights	49.3
Socioeconomic Factor Indicators	—
Education	66.5
Housing	54.1
Linguistic	71.2
Poverty	43.7
Unemployment	77.1

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	40.31823431
Employed	23.22597203
Median HI	54.35647376
Education	—

Bachelor's or higher	44.23200308
High school enrollment	100
Preschool enrollment	79.96920313
Transportation	—
Auto Access	45.25856538
Active commuting	40.56204286
Social	—
2-parent households	45.09174901
Voting	70.05004491
Neighborhood	—
Alcohol availability	52.77813422
Park access	37.2770435
Retail density	8.045682022
Supermarket access	42.53817529
Tree canopy	87.74541255
Housing	—
Homeownership	63.76235083
Housing habitability	42.25587065
Low-inc homeowner severe housing cost burden	26.4724753
Low-inc renter severe housing cost burden	54.20248941
Uncrowded housing	23.82907738
Health Outcomes	—
Insured adults	56.08879764
Arthritis	0.0
Asthma ER Admissions	88.3
High Blood Pressure	0.0
Cancer (excluding skin)	0.0

Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	63.8
Cognitively Disabled	64.4
Physically Disabled	73.0
Heart Attack ER Admissions	94.8
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	91.1
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	31.0
Elderly	16.2
English Speaking	17.4
Foreign-born	85.5
Outdoor Workers	54.7
Climate Change Adaptive Capacity	—

Impervious Surface Cover	40.4
Traffic Density	96.5
Traffic Access	23.0
Other Indices	—
Hardship	65.0
Other Decision Support	—
2016 Voting	32.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	63.0
Healthy Places Index Score for Project Location (b)	48.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification

Operations: Vehicle Data	Changes according to Project Trip Rate
Operations: Energy Use	Values provided by client.
Operations: Water and Waste Water	Values provided by client.

Saturn Data Center Project - Operations 2035 Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Saturn Data Center Project - Operations 2035
Operational Year	2035
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.2
Location	1977 Saturn St, Monterey Park, CA 91755, USA
County	Los Angeles-South Coast
City	Monterey Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4170
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.22

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Office Building	218	1000sqft	5.01	218,400	113,291	0.00	—	—

Parking Lot	68.0	Space	0.61	0.00	0.00	0.00	—	—
General Office Building	24.0	1000sqft	0.55	24,000	0.00	0.00	—	Proxy for Substation

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.04	7.68	0.20	12.0	< 0.005	0.02	0.45	0.47	0.02	0.12	0.13	135	313,489	313,623	53.1	4.85	1.10	316,397
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.16	5.95	0.12	1.35	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	135	313,427	313,562	53.1	4.85	0.60	316,335
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.44	7.14	0.18	8.61	< 0.005	0.01	0.45	0.46	0.01	0.11	0.13	135	313,462	313,596	53.1	4.85	0.81	316,370
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.26	1.30	0.03	1.57	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	22.3	51,897	51,919	8.80	0.80	0.13	52,379

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.16	0.14	0.11	1.49	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	436	436	0.02	0.02	0.51	441
Area	1.88	7.54	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	312,956	312,956	39.6	4.80	—	315,377
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	53.1	66.3	1.36	0.03	—	110
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	2.04	7.68	0.20	12.0	< 0.005	0.02	0.45	0.47	0.02	0.12	0.13	135	313,489	313,623	53.1	4.85	1.10	316,397
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.16	0.14	0.12	1.35	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	418	418	0.02	0.02	0.01	423
Area	—	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	312,956	312,956	39.6	4.80	—	315,377
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	53.1	66.3	1.36	0.03	—	110
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	0.16	5.95	0.12	1.35	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	135	313,427	313,562	53.1	4.85	0.60	316,335
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.16	0.14	0.12	1.39	< 0.005	< 0.005	0.45	0.45	< 0.005	0.11	0.12	—	423	423	0.02	0.02	0.22	428
Area	1.29	6.99	0.06	7.22	< 0.005	0.01	—	0.01	0.01	—	0.01	—	29.7	29.7	< 0.005	< 0.005	—	29.8
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	312,956	312,956	39.6	4.80	—	315,377
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	53.1	66.3	1.36	0.03	—	110
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59

Total	1.44	7.14	0.18	8.61	< 0.005	0.01	0.45	0.46	0.01	0.11	0.13	135	313,462	313,596	53.1	4.85	0.81	316,370
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.03	0.03	0.02	0.25	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	70.0	70.0	< 0.005	< 0.005	0.04	70.9
Area	0.23	1.28	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	51,813	51,813	6.56	0.79	—	52,214
Water	—	—	—	—	—	—	—	—	—	—	—	2.19	8.79	11.0	0.23	0.01	—	18.2
Waste	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	0.26	1.30	0.03	1.57	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	22.3	51,897	51,919	8.80	0.80	0.13	52,379

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.16	0.14	0.11	1.49	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	436	436	0.02	0.02	0.51	441
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.16	0.14	0.11	1.49	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	436	436	0.02	0.02	0.51	441
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	0.16	0.14	0.12	1.35	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	418	418	0.02	0.02	0.01	423
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.16	0.14	0.12	1.35	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	418	418	0.02	0.02	0.01	423
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.03	0.03	0.02	0.25	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	70.0	70.0	< 0.005	< 0.005	0.04	70.9
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.03	0.03	0.02	0.25	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	70.0	70.0	< 0.005	< 0.005	0.04	70.9

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	312,939	312,939	39.6	4.80	—	315,360
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	16.7	16.7	< 0.005	< 0.005	—	16.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	312,956	312,956	39.6	4.80	—	315,377
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	312,939	312,939	39.6	4.80	—	315,360
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	16.7	16.7	< 0.005	< 0.005	—	16.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	312,956	312,956	39.6	4.80	—	315,377
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	51,811	51,811	6.56	0.79	—	52,211
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	2.76	2.76	< 0.005	< 0.005	—	2.78
Total	—	—	—	—	—	—	—	—	—	—	—	—	51,813	51,813	6.56	0.79	—	52,214

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	5.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.88	1.73	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Total	1.88	7.54	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consum Products	—	5.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.23	0.22	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93
Total	0.23	1.28	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.2	53.1	66.3	1.36	0.03	—	110
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	—	13.2	53.1	66.3	1.36	0.03	—	110
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.2	53.1	66.3	1.36	0.03	—	110
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	13.2	53.1	66.3	1.36	0.03	—	110
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.19	8.79	11.0	0.23	0.01	—	18.2
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.19	8.79	11.0	0.23	0.01	—	18.2

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Office Building	54.0	54.0	54.0	19,710	640	640	640	233,427
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	363,600	121,200	1,600

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Office Building	437,991,240	261	0.0330	0.0040	0.00
Parking Lot	23,353	261	0.0330	0.0040	0.00
General Office Building	0.00	261	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	5,840,365	5,165,115
Parking Lot	0.00	0.00
General Office Building	1,051,200	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Office Building	203	—

Parking Lot	0.00	—
General Office Building	22.3	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	16.2	annual days of extreme heat

Extreme Precipitation	5.55	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	65.7
AQ-PM	83.4
AQ-DPM	56.8
Drinking Water	85.4
Lead Risk Housing	89.3
Pesticides	36.2

Toxic Releases	81.8
Traffic	97.9
Effect Indicators	—
CleanUp Sites	68.9
Groundwater	0.00
Haz Waste Facilities/Generators	60.2
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	17.4
Cardio-vascular	7.94
Low Birth Weights	49.3
Socioeconomic Factor Indicators	—
Education	66.5
Housing	54.1
Linguistic	71.2
Poverty	43.7
Unemployment	77.1

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	40.31823431
Employed	23.22597203
Median HI	54.35647376
Education	—

Bachelor's or higher	44.23200308
High school enrollment	100
Preschool enrollment	79.96920313
Transportation	—
Auto Access	45.25856538
Active commuting	40.56204286
Social	—
2-parent households	45.09174901
Voting	70.05004491
Neighborhood	—
Alcohol availability	52.77813422
Park access	37.2770435
Retail density	8.045682022
Supermarket access	42.53817529
Tree canopy	87.74541255
Housing	—
Homeownership	63.76235083
Housing habitability	42.25587065
Low-inc homeowner severe housing cost burden	26.4724753
Low-inc renter severe housing cost burden	54.20248941
Uncrowded housing	23.82907738
Health Outcomes	—
Insured adults	56.08879764
Arthritis	0.0
Asthma ER Admissions	88.3
High Blood Pressure	0.0
Cancer (excluding skin)	0.0

Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	63.8
Cognitively Disabled	64.4
Physically Disabled	73.0
Heart Attack ER Admissions	94.8
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	91.1
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	31.0
Elderly	16.2
English Speaking	17.4
Foreign-born	85.5
Outdoor Workers	54.7
Climate Change Adaptive Capacity	—

Impervious Surface Cover	40.4
Traffic Density	96.5
Traffic Access	23.0
Other Indices	—
Hardship	65.0
Other Decision Support	—
2016 Voting	32.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	63.0
Healthy Places Index Score for Project Location (b)	48.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification

Operations: Vehicle Data	Changes according to Project Trip Rate
Operations: Energy Use	Values provided by client.
Operations: Water and Waste Water	Values provided by client.

Saturn Data Center Project - Operations 2045 Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Saturn Data Center Project - Operations 2045
Operational Year	2045
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.2
Location	1977 Saturn St, Monterey Park, CA 91755, USA
County	Los Angeles-South Coast
City	Monterey Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4170
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.22

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Office Building	218	1000sqft	5.01	218,400	113,291	0.00	—	—

Parking Lot	68.0	Space	0.61	0.00	0.00	0.00	—	—
General Office Building	24.0	1000sqft	0.55	24,000	0.00	0.00	—	Proxy for Substation

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.02	7.67	0.18	11.9	< 0.005	0.02	0.45	0.47	0.02	0.12	0.13	135	454	588	13.5	0.05	0.70	941
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.14	5.93	0.10	1.23	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	135	393	528	13.5	0.05	0.59	880
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.43	7.12	0.16	8.49	< 0.005	0.01	0.45	0.46	0.01	0.11	0.13	135	427	562	13.5	0.05	0.64	915
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.26	1.30	0.03	1.55	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	22.3	70.8	93.1	2.24	0.01	0.11	151

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.14	0.13	0.09	1.36	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	410	410	0.01	0.01	0.11	415
Area	1.88	7.54	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.35	0.03	—	56.6
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	2.02	7.67	0.18	11.9	< 0.005	0.02	0.45	0.47	0.02	0.12	0.13	135	454	588	13.5	0.05	0.70	941
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.14	0.13	0.10	1.23	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	393	393	0.01	0.01	< 0.005	398
Area	—	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.35	0.03	—	56.6
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	0.14	5.93	0.10	1.23	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	135	393	528	13.5	0.05	0.59	880
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.14	0.13	0.10	1.27	< 0.005	< 0.005	0.45	0.45	< 0.005	0.11	0.12	—	398	398	0.01	0.01	0.05	402
Area	1.29	6.99	0.06	7.22	< 0.005	0.01	—	0.01	0.01	—	0.01	—	29.7	29.7	< 0.005	< 0.005	—	29.8
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.35	0.03	—	56.6
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59

Total	1.43	7.12	0.16	8.49	< 0.005	0.01	0.45	0.46	0.01	0.11	0.13	135	427	562	13.5	0.05	0.64	915
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.03	0.02	0.02	0.23	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	65.9	65.9	< 0.005	< 0.005	0.01	66.6
Area	0.23	1.28	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	2.19	0.00	2.19	0.22	0.01	—	9.38
Waste	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	0.26	1.30	0.03	1.55	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	22.3	70.8	93.1	2.24	0.01	0.11	151

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.14	0.13	0.09	1.36	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	410	410	0.01	0.01	0.11	415
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.14	0.13	0.09	1.36	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	410	410	0.01	0.01	0.11	415
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	0.14	0.13	0.10	1.23	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	393	393	0.01	0.01	< 0.005	398
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.14	0.13	0.10	1.23	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	393	393	0.01	0.01	< 0.005	398
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.03	0.02	0.02	0.23	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	65.9	65.9	< 0.005	< 0.005	0.01	66.6
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.03	0.02	0.02	0.23	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	65.9	65.9	< 0.005	< 0.005	0.01	66.6

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	5.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.88	1.73	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Total	1.88	7.54	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consum Products	—	5.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consum er Products	—	0.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landsca pe Equipme nt	0.23	0.22	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93
Total	0.23	1.28	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.35	0.03	—	56.6
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.35	0.03	—	56.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.35	0.03	—	56.6
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.35	0.03	—	56.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.19	0.00	2.19	0.22	0.01	—	9.38
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.19	0.00	2.19	0.22	0.01	—	9.38

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Office Building	54.0	54.0	54.0	19,710	640	640	640	233,427
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	363,600	121,200	1,600

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Office Building	437,991,240	0.00	0.0000	0.0000	0.00
Parking Lot	23,353	0.00	0.0000	0.0000	0.00
General Office Building	0.00	0.00	0.0000	0.0000	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	5,840,365	5,165,115
Parking Lot	0.00	0.00
General Office Building	1,051,200	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Office Building	203	—

Parking Lot	0.00	—
General Office Building	22.3	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	16.2	annual days of extreme heat

Extreme Precipitation	5.55	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	65.7
AQ-PM	83.4
AQ-DPM	56.8
Drinking Water	85.4
Lead Risk Housing	89.3
Pesticides	36.2

Toxic Releases	81.8
Traffic	97.9
Effect Indicators	—
CleanUp Sites	68.9
Groundwater	0.00
Haz Waste Facilities/Generators	60.2
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	17.4
Cardio-vascular	7.94
Low Birth Weights	49.3
Socioeconomic Factor Indicators	—
Education	66.5
Housing	54.1
Linguistic	71.2
Poverty	43.7
Unemployment	77.1

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	40.31823431
Employed	23.22597203
Median HI	54.35647376
Education	—

Bachelor's or higher	44.23200308
High school enrollment	100
Preschool enrollment	79.96920313
Transportation	—
Auto Access	45.25856538
Active commuting	40.56204286
Social	—
2-parent households	45.09174901
Voting	70.05004491
Neighborhood	—
Alcohol availability	52.77813422
Park access	37.2770435
Retail density	8.045682022
Supermarket access	42.53817529
Tree canopy	87.74541255
Housing	—
Homeownership	63.76235083
Housing habitability	42.25587065
Low-inc homeowner severe housing cost burden	26.4724753
Low-inc renter severe housing cost burden	54.20248941
Uncrowded housing	23.82907738
Health Outcomes	—
Insured adults	56.08879764
Arthritis	0.0
Asthma ER Admissions	88.3
High Blood Pressure	0.0
Cancer (excluding skin)	0.0

Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	63.8
Cognitively Disabled	64.4
Physically Disabled	73.0
Heart Attack ER Admissions	94.8
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	91.1
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	31.0
Elderly	16.2
English Speaking	17.4
Foreign-born	85.5
Outdoor Workers	54.7
Climate Change Adaptive Capacity	—

Impervious Surface Cover	40.4
Traffic Density	96.5
Traffic Access	23.0
Other Indices	—
Hardship	65.0
Other Decision Support	—
2016 Voting	32.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	63.0
Healthy Places Index Score for Project Location (b)	48.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification

Operations: Vehicle Data	Changes according to Project Trip Rate
Operations: Energy Use	Values provided by client.
Operations: Water and Waste Water	Values provided by client.
Characteristics: Utility Information	Carbon neutrality by 2045 per SB 100

Appendix A-2

Offsite Improvements for Southern California Edison Service

Kimley»Horn

MEMORANDUM

To: Bryan Marsh, CEO, SDCF Monterey Park, LLC

From: Noemi Wyss, AICP, Kimley-Horn and Associates, Inc.

Date: September 3, 2024

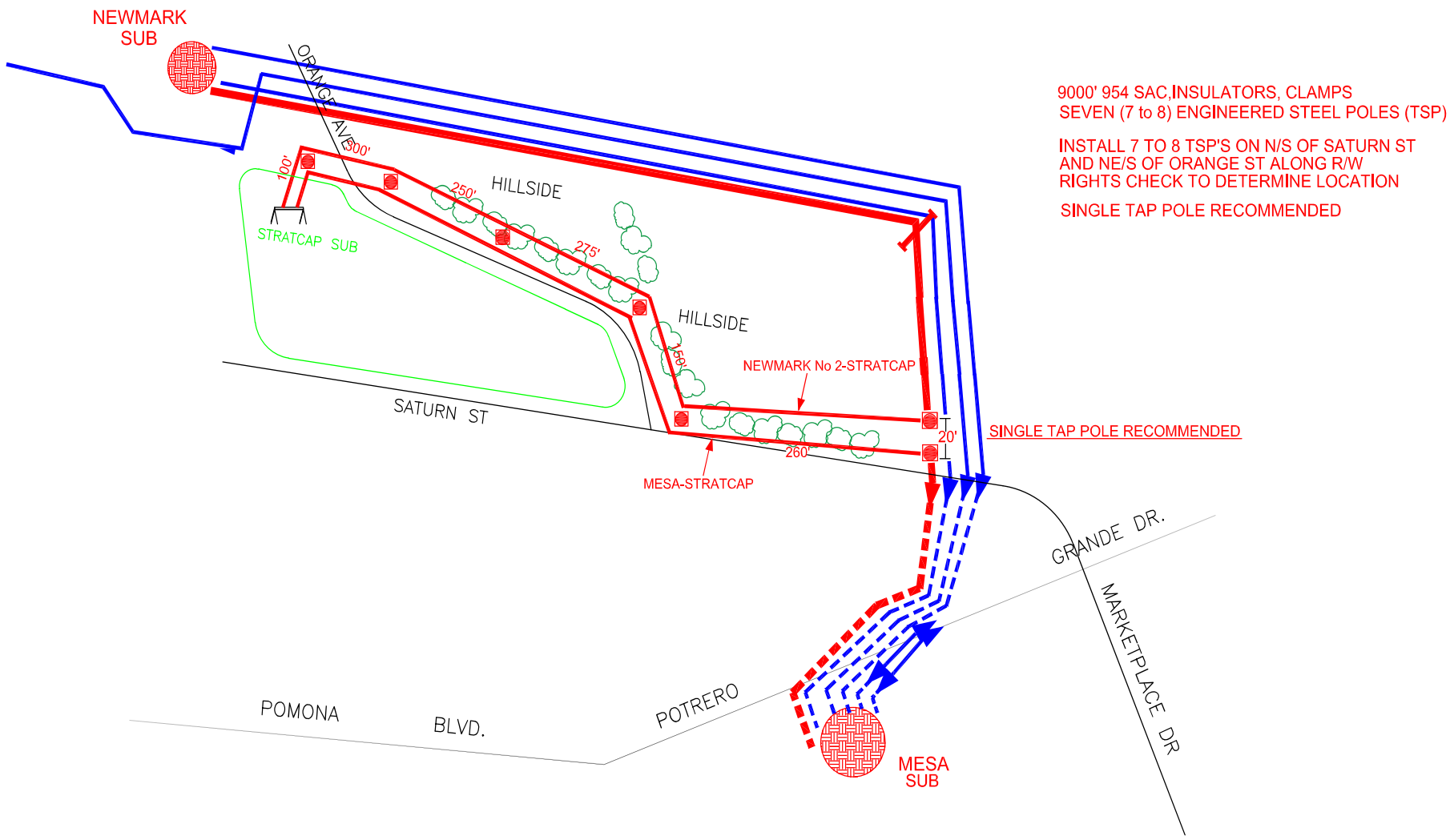
Subject: 1977 Saturn Data Center Project – Offsite Improvements for Southern California Edison Service

1.0 Purpose

The purpose of this memorandum is to assess potential impacts due to criteria air pollutant emissions, greenhouse gas (GHG) emissions, noise, and energy associated with construction of the offsite improvements for Southern California Edison (SCE) services. This memorandum is intended to supplement the Air Quality, GHG Emissions, and Noise technical memorandums prepared by Kimley-Horn for the 1977 Saturn Data Center Project (Project) Initial Study/Mitigated Negative Declaration (IS/MND).

2.0 Offsite Improvements for Southern California Edison Service

Southern California Edison (SCE) prepared a Method of Service Study (MOS) that verified SCE can provide power to the Project. The MOS identified the nearby Mesa Substation and the Newmark Substation as the sources of electricity for the Project. The electricity line routes from the Project to the substations, as well as the associated SCE infrastructure, as illustrated in **Figure 1: Offsite Improvements for Southern California Edison Service**. In addition, the MOS identified telecom transmission line routes from the Project to existing telecom infrastructure located at the Mesa Substation and along Potrero Grande Drive, as illustrated in **Figure 2: Transmission Telecom Improvements**. Per the MOS, preliminary review of the line routes assumes SCE will install its new facilities in franchise and/or within existing SCE right-of-way.



Source: Southern California Edison, 2024.

FIGURE 1: OFFSITE IMPROVEMENTS FOR SOUTHERN CALIFORNIA EDISION SERVICE

1977 Saturn Data Center Project

NOT TO SCALE

Kimley»Horn



Source: Southern California Edison, 2024.

FIGURE 2: TRANSMISSION TELECOM IMPROVEMENTS

1977 Saturn Street Project

NOT TO SCALE

Kimley»Horn

As noted in the MOS, the construction of the transmission lines would require a Permit To Construct (PTC) from the California Public Utilities Commission (CPUC). The MOS concluded that construction of the transmission facilities would qualify for a PTC exemption when such construction activities are included in the environmental review of the Project for purposes of CEQA review. Accordingly, the IS/MND includes analysis of the SCE offsite improvements identified in the MOS for the Project.

The SCE improvements would include installation of new overhead and/or underground facilities that connect the SCE substations, and the existing telecom infrastructure, to the Project. That construction would be minor and likely occur within public and SCE existing right-of-way, which will result in minimal disturbance of land and/or airspace. Per the MOS, the improvements would mostly occur on the Project Site (for a new substation) and be limited to new rack relays at the existing Mesa Substation and Newmark Substation. Those relay installations involve minor equipment upgrades and the existing SCE substations and would not require substantial construction that could significantly impact the environment.

In addition, per the MOS, the SCE improvements include the installation of seven (7) to eight (8) tubular steel poles and steel aluminum conductor for the 66 kilovolt (kV) transmission line from the SCE substations and existing powerline infrastructure to the Project. Installation of that equipment would involve minor excavation to place the power poles, support footings, and installation of the related power transmission lines. For the telecom lines, the MOS indicates there will be primary and secondary telecom transmission lines running from the Mesa Substation to the Project. Construction of those underground lines would likely require excavation in the existing right-of-way along portions of Saturn Street, South Orange Avenue, and Potrero Grande Drive. The excavation would be limited to areas needed to install conduit for the telecom lines and a series of new manholes to access the telecom line.

It will take 2-3 days for each electrical pole installation (dig, install footing, pull wire, etc.), and an additional 2-3 weeks for the trenching needed to complete the fiber runs. For conservative purposes, the modeling assumed that the installation of poles and transmission lines were anticipated to occur over a span of 4-6 weeks in 2027. No grading was assumed for the proposed improvement, and only minor excavation is required to install the poles. **Table 1: Offsite Improvement Construction Equipment** shows the construction equipment that will be used over the duration of the installation, the horsepower of the equipment analyzed, as well as how many hours per day the equipment would be used.

Table 1: Offsite Improvement Construction Equipment			
Construction Equipment	**Number of Equipment**	**Horsepower**	**Hours per Day**
Excavators	1	36	6
Off-Highway Trucks	3	376	8
Tractors/Loaders/Backhoes	1	84	6
Auger/Drill Rig	1	83	2

3.0 Impact Analysis

Air Quality

Construction-generated emissions associated with the Project were calculated using the California Air Resources Board (CARB) Off-Road Emission Inventory tool emission factors. Using the assumptions above in **Table 1**, specific construction equipment emissions rates for Los Angeles County were pulled. See **Attachment A: Modeling Results** for more information regarding the construction assumptions used in this analysis. Predicted maximum daily construction-generated emissions for the Project are identified in **Table 2: Project Construction Emissions**.

Table 2: Project Construction Emissions						
Calendar Year	**Emissions (pounds per day)[1]**					
	ROG	**NO_X**	**CO**	**SO_2**	**PM10**	**PM2.5**
2025	3.38	52.2	32.4	0.22	9.57	4.02
2026	1.39	11.6	17.9	0.03	1.35	0.69
2027 (Project Emissions)	1.12	6.72	11.3	0.02	1.53	0.49
2027 (Offsite Improvement)[2]	3.88	26.73	27.05	0.10	0.99	0.91
SCAQMD Threshold	*75*	*100*	*550*	*150*	*150*	*55*
SCAQMD Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**
1. Emissions were calculated using the CalEEMod version 2022.1, as recommended by the SCAQMD. Worst-case seasonal maximum daily emissions are reported. 2. Offsite improvement emissions were calculated using CalEEMod Appendix G, Table G-12.						
Source: CalEEMod version 2022.1. Refer to **Attachment A** for model outputs.						

The results of the emissions modeling, as summarized on **Table 2**, show that construction criteria pollutant emissions would remain below the applicable thresholds with construction of offsite improvements, and construction impacts on short-term regional air quality would remain less than significant.

Energy

Per the Project analysis in the IS/ND, construction fuel usage would represent less than 0.002 percent of the County's diesel fuel usage, approximately 0.0004 percent of the gasoline fuel usage, and less than 0.0001 percent of the electricity usage for the County of Los Angeles. Construction modeling for the Project included approximately 38 various pieces of construction equipment. Therefore, the addition of six pieces of equipment would represent a negligible increase in energy usage and would not require increased demand or capacity. Impacts would remain less than significant.

Greenhouse Gas Emissions

As shown in **Attachment A**, GHG emissions during construction of the offsite improvements would result in approximately 124 $MTCO_2e$. These emissions include the conservative assumption of three off-highway truck. In reality, the trucks utilized for this offsite analysis would emit fewer emissions. For the Project, construction emissions ranged from 237 $MTCO_2e$ to 511 $MTCO_2e$ per year. Therefore, the additional emissions would result in a negligible increase, and impacts would remain less than significant.

Noise

Noise would be generated from construction of the offsite improvements, but it would be temporary and not long lasting. Predicted noise from construction of the offsite improvements are shown in **Table 3: Offsite Construction Noise Levels.** This conservatively assumes all four pieces of equipment are operating simultaneously nearest to the sensitive receptor approximately 200 feet north of the Project Site.

Table 3: Offsite Construction Noise Levels

Construction Phase	Receptor Location			Modeled Exterior Noise Level (dBA L_{eq})[2]	Noise Threshold (dBA L_{eq})[3]	Exceeded?
	Land Use	Direction	Distance (feet)[1]			
Offsite Improvements	Residential	North	200	72.0	80	No

1. Distance is from the nearest receptor to the main construction activity area on the Project Site. Not all equipment would operate at the closest distance to the receptor.
2. Modeled noise levels conservatively assume the simultaneous operation of all pieces of equipment.
3. The FTA Noise and Vibration Manual establishes construction noise standards of 80 dBA $L_{eq(8\text{-}hour)}$ for residential uses.

Source: Federal Highway Administration, Roadway Construction Noise Model, 2006. Refer to **Appendix A** for noise modeling results.

As shown in **Table 3** noise levels would not exceed the FTA's maximum 8-hour noise level standards for construction noise of 80 dBA L_{eq} at residential land uses. Therefore, construction noise impacts would remain less than significant. No mitigation measures are required.

4.0 Conclusion

As discussed above, the SCE improvements would be minor and would result in negligible increases in criteria air pollutant emissions, GHG emissions, noise, and energy during Project construction. Impacts would remain less than significant, and no mitigation measures would be required.

Attachment A

Modeling Results

Model Output: OFFROAD2021 (v1.0.7) Emissions Inventory
Region Type: Sub-Area
Region: Los Angeles (SC)
Calendar Year: 2027
Scenario: All Adopted Rules - Exhaust
Vehicle Classification: OFFROAD2021 Equipment Types
Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Year	Vehicle Category	Model Year	Horsepower Bin	Fuel	HC_tpd	ROG_tpd	TOG_tpd	CO_tpd	NOx_tpd	CO2_tpd	PM10_tpd	PM2.5_tpd	SOx_tpd	NH3_tpd	Fuel Consumption	Total_Activity_hpy	Total_Population	Horsepower_Hours_hhpy
Los Angeles (SC)	2027	Construction and Mining - Excavators	Aggregate	Aggregate	Diesel	0.053393403	0.064606017	0.0768865	0.631180135	0.416776647	167.4357	0.01632571	0.01502	0.001586086	0	5440851.761	1833942.12	3190.829083	106425661.1
Los Angeles (SC)	2027	Construction and Mining - Off-Highway Trucks	Aggregate	Aggregate	Diesel	0.020148537	0.02437973	0.029013893	0.158716341	0.167260214	69.85571	0.00593356	0.005459	0.00066173	0	2269973.422	266898.786	344.0214708	46643651.22
Los Angeles (SC)	2027	Construction and Mining - Tractors/Loaders/Backhoes	Aggregate	Aggregate	Diesel	0.060127983	0.07275486	0.086584296	0.840688323	0.525899452	165.5502	0.02672972	0.024591	0.001568225	0	5379581.18	2441102.914	4765.271688	100652411.9
Los Angeles (SC)	2027	Construction and Mining - Auger/Drill Rig	Aggregate	Aggregate	Diesel	0.006999584	0.008469497	0.010079401	0.068108796	0.062316808	20.49712	0.00274353	0.002524	0.000194165	0	666057.3286	117611.5378	201.9846074	13247254.67

g/hph

	HC	ROG	TOG	CO	Nox	CO2	PM10	PM2_5	Sox	NH3	Fuel_gphr
Excavators	0.166125824	0.201012247	0.239221187	1.963825394	1.296740054	520.95183	0.050795071	0.0467315	0.004934876	0	16928420.68
Trucks	0.143036503	0.173074169	0.205972564	1.126743367	1.187397182	495.91274	0.042122946	0.0387531	0.004697685	0	16114771.03
Backhoes	0.197810052	0.239350163	0.284846475	2.765710607	1.730112875	544.62969	0.08793588	0.080901	0.005159171	0	17697836.79
Auger/Drill I	0.174961403	0.211703298	0.251944421	1.702445529	1.557669168	512.3453	0.068577196	0.063091	0.004853348	0	16648750

	Excavator	Truck	Backhoes	Auger/Drill Rig
Construction Equipment	1	3	1	1
HP	36	376	84	83
Hours per Day	6	8	6	2
Days per Year	25	25	25	25

1 pound = 453.59 grams

Emissions Source	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	metric tons/yr	PM10 tons/yr
Project Excavators	0.10	0.62	0.94	0.00	0.02	0.02	248	2.81	0.000
Project Trucks	3.44	23.62	22.42	0.09	0.84	0.77	9,866	111.88	0.010
Project Backhoes	0.27	1.92	3.07	0.01	0.10	0.09	605	6.86	0.001
Project Auger/Drill Rig	0.08	0.57	0.62	0.00	0.03	0.02	188	2.13	0.000
Total:	***3.88***	***26.73***	***27.05***	***0.10***	***0.99***	***0.91***	***10906.67***	***123.68***	***0.01***

Based on emission rates obtained from CARB OFFROAD Version 1.0.3.

Project: **Saturn Data Center (Offsite Improvements)**

Construction Noise Impact on Sensitive Receptors

Parameters

Construction Hours:	Daytime hours (7 am to 7 pm)	8
	Evening hours (7 pm to 10 pm)	0
	Nighttime hours (10 pm to 7 am)	0
Leq to L10 factor		3

	Receptor (Land Use)	Average Distance (feet)	Distance to Property Line (feet)	Direction
1	Single Family Residence	200	200	N

				RECEPTOR	1
Construction Phase	**Equipment Type**	**No. of Equip.**	**Acoustical Usage Factor**	**Noise Level at Receptor 1, Lmax**	**Noise Level at Receptor 1, Leq**
Offsite Improvements					
	Auger Drill Rig	1	20%	72.4	65.4
	Dump Truck	3	40%	69.2	65.3
	Excavator	1	40%	68.7	64.7
	Tractor	1	40%	72.0	68.0
Combined LEQ					**72.0**

Source for Ref. Noise Levels: RCNM, 2005

* Loudest piece of equipment measured from the construction boundary nearest to the receptor.

Appendix B

Health Risk Assessment Memorandum

Kimley»Horn

MEMORANDUM

To:	Bryan Marsh, CEO, SDCF Monterey Park, LLC
From:	Sophia La Herran, Kimley-Horn and Associates, Inc.
Date:	October 24, 2024
Subject:	1977 Saturn Data Center Project – Construction Health Risk Assessment

1.0 Purpose

The purpose of this Health Risk Assessment (HRA) is to evaluate potential health risks associated with Toxic Air Contaminants (TAC) including Diesel Particulate Matter (DPM) resulting from the construction and operations of the 1977 Saturn Data Project (Project), proposed to be located in the City of Monterey Park (City), California. This HRA was prepared in accordance with the requirements of the South Coast Air Quality Management District (SCAQMD) and guidance from the Office of Environmental health Hazard Assessment (OEHHA) to determine if health risks are likely to occur from the Project.

2.0 Project Location and Description

The Project would be located on an approximately 15.8-acre site (Project Site) at 1977 Saturn Street. The Project Site is bound by residences, a park, a commercial nursery, and water towers to the north, open space to the east, office uses to the south, and office uses and single-family residences to the west. The Project Site is currently improved with a two-story commercial office building that is currently vacant, and an ancillary one-story building.

The Project would demolish and remove the existing improvements and construct a state of the art data center including approximately 218,400 square feet that would include approximately 109,970 square feet of data hall space and approximately 91,889 square feet of support space, which would consist of offices and meeting rooms, employee amenities (such as restrooms, break room, etc.), truck loading and unloading areas, storage areas, mechanical/electrical/fiber entry rooms, and other ancillary uses.

A total of sixty-eight (68) parking spaces would be provided adjacent to the eastern side of the proposed data center buildings, including three handicapped accessible spaces and three spaces for electrical vehicles (EV). The Project would also include two loading dock areas to accommodate deliveries and loading activities for the proposed data center. Vehicular access to the Project Site would be provided via two new gated driveways located along Saturn Street: one along the western perimeter of the Project Site and the other along the eastern perimeter of the Project Site.

Project construction is anticipated to occur as two phases, lasting approximately two years, beginning as early as September 2025 and ending as early as August 2027. For purposes of this environmental analysis, opening year is assumed to be 2027. Grading for the proposed improvements would require cut and fill

to create building pads. Project construction is estimated to require the export of approximately 65,000 cubic yards (cy) of soil material.

3.0 Regulatory Setting

Federal

Federal Clean Air Act

The FCAA was amended in 1990 to address the numerous air pollutants that are known to cause or may reasonably be anticipated to cause adverse effects to human health or adverse environmental effects. 188 specific pollutants and chemical groups were initially identified as HAPs, and the list has been modified over time. The FCAA Amendments included new regulatory programs to control acid deposition and for the issuance of stationary source operating permits.

In 2001, the United States Environmental Protection Agency (U.S. EPA) issued its first Mobile Source Air Toxics Rule, which identified 21 mobile source air toxic (MSAT) compounds as being HAPs that required regulation. A subset of six of these MSAT compounds were identified as having the greatest influence on health and included benzene, 1,3-butadiene, formaldehyde, acrolein, acetaldehyde, and DPM. More recently, the U.S. EPA issued a second MSAT Rule in February 2007, which generally supported the findings in the first rule and provided additional recommendations of compounds having the greatest impact on health. The rule also identified several engine emission certification standards that must be implemented. Unlike the criteria pollutants, toxics do not have National Ambient Air Quality Standards (NAAQS) making evaluation of their impacts more subjective.

National Emissions Standards for Hazardous Air Pollutants (NESHAPs) were incorporated into a greatly expanded program for controlling toxic air pollutants. The provisions for attainment and maintenance of the NAAQS were substantially modified and expanded. Other revisions included provisions regarding stratospheric ozone protection, increased enforcement authority, and expanded research programs.

Section 112 of the FCAA Amendments governs the federal control program for HAPs. NESHAPs are issued to limit the release of specified HAPs from specific industrial sectors. These standards are technology-based, meaning that they represent the best available control technology an industrial sector could afford. The level of emissions controls required by NESHAPs are not based on health risk considerations because allowable releases and resulting concentrations have not been determined to be safe for the general public. The FCAA does not establish air quality standards for HAPs that define legally acceptable concentrations of these pollutants in ambient air.

Emission Standards for Off-Road Diesel Engines

To reduce emissions from off-road diesel equipment, the U.S. EPA established a series of cleaner emission standards for new off-road diesel engines. Tier 1 standards were phased in from 1996 to 2000 (year of manufacture), depending on the engine horsepower category. Tier 2 standards were phased in from 2001 to 2006. Tier 3 standards were phased in from 2006 to 2008. Tier 4 standards, which generally require add-on emission control equipment to attain them, were phased in from 2008 to 2015. The Tier 4

standards require that emissions of PM and oxides of nitrogen (NO_X) be further reduced by about 90 percent from Tier 3 standards. CARB is currently developing potential amendments to the off-road diesel engine standards, in a Tier 5 rulemaking. The Tier 5 rulemaking aims to reduce NO_X and PM emissions from new, off-road compression-ignition (CI) engines, by an additional 50 percent to 90 percent, compared to what is allowed by today's Tier 4 final emission standards.

State of California

California Air Resources Board

CARB's statewide comprehensive air toxics program was established in 1983 with AB 1807 the Toxic Air Contaminant Identification and Control Act (Tanner Air Toxics Act of 1983). AB 1807 created California's program to reduce exposure to air toxics and sets forth a formal procedure for CARB to designate substances as TACs. Once a TAC is identified, CARB adopts an airborne toxics control measure (ATCM) for sources that emit designated TACs. If there is a safe threshold for a substance at which there is no toxic effect, the control measure must reduce exposure to below that threshold. If there is no safe threshold, the measure must incorporate toxics best available control technology (T-BACT) to minimize emissions. CARB also administers the state's mobile source emissions control program and oversees air quality programs established by state statute, such as AB 2588. Under AB 2588, TAC emissions from individual facilities are quantified and prioritized by the air quality management district or air pollution control district. High priority facilities are required to perform a health risk assessment and, if specific thresholds are exceeded, required to communicate the results to the public in the form of notices and public meetings. In September 1992, the AB 2588 was amended by Senate Bill (SB) 1731 which required facilities that pose a significant health risk to the community to reduce their risk through a risk management plan.

Diesel Risk Reduction Plan

The identification of DPM as a TAC in 1998 led CARB to adopt the Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles (DRRP) in October 2000. The DRRP's goals include an 85 percent reduction in DPM by 2020 from the 2000 baseline.[1] CARB estimates that emissions of DPM in 2035 will be less than half those in 2010, further reducing statewide cancer risk and non-cancer health effects.[2] The DRRP includes regulations for cleaner new diesel engines, cleaner in-use diesel engines (retrofits), and cleaner diesel fuel.

Truck and Bus Regulation Reducing Emissions from Existing Diesel Vehicles

On December 12, 2008, CARB approved the Truck and Bus Regulation to significantly reduce particulate matter (PM) and oxides of nitrogen (NO_X) emissions from existing diesel vehicles operating in California. The regulation requires diesel trucks and buses that operate in California to be upgraded to reduce emissions. Heavier trucks must be retrofitted with PM filters beginning January 1, 2012, and older trucks

[1] California Air Resources Board, *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*, October 2000.

[2] California Air Resources Board, *Overview: Diesel Exhaust & Health*, https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health, accessed February 20, 2024.

must be replaced starting January 1, 2015. Effective January 1, 2023, nearly all trucks and buses are required to have 2010 model year engines or equivalent.

The regulation applies to most privately and federally-owned diesel fueled trucks and buses and to privately and publicly owned school buses with a gross vehicle weight rating (GVWR) greater than 14,000 pounds. Small fleets with three or fewer diesel trucks can delay compliance for heavier trucks and there are several extensions for low-mileage construction trucks, early PM filter retrofits, adding cleaner vehicles, and other situations. Privately and publicly owned school buses have different requirements.

Heavy-Duty Vehicle Idling Emission Reduction Program

The purpose of the CARB ATCM to Limit Diesel-Fueled Commercial Motor Vehicle Idling is to reduce public exposure to DPM and criteria pollutants by limiting the idling of diesel-fueled commercial vehicles including transportation refrigeration units (TRUs). The driver of any vehicle subject to this ATCM is prohibited from idling the vehicle's primary diesel engine for greater than five minutes at any location and is prohibited from idling a diesel-fueled auxiliary power system (APS) for more than five minutes to power a heater, air conditioner, or any ancillary equipment on the vehicle if it has a sleeper berth and the truck is located within 100 feet of a restricted area (homes and schools). On February 24, 2022, CARB approved amendments to the TRU ATCM (2022 Amendments) to achieve additional emission and health risk reductions from diesel-powered TRUs and increase the use of zero emission technology in the off-road sector. The 2022 Amendments will help meet the State's multiple risk reduction, air quality, and climate goals, as well as the directive of Executive Order N-29-20, which set a goal for 100 percent zero-emission off-road vehicles and equipment in the State by 2035.

CARB Final Regulation Order, Requirements to Reduce Idling Emissions from New and In-Use Trucks, beginning in 2008, requires that new 2008 and subsequent model-year heavy-duty diesel engines be equipped with an engine shutdown system that automatically shuts down the engine after 300 seconds of continuous idling operation once the vehicle is stopped, the transmission is set to "neutral" or "park", and the parking brake is engaged.

Section 2485 and Section 2449 of Title 13 of the California Code of Regulations limits diesel-fueled motor vehicle and off-road idling to no more than five minutes. Section 2485 limits idling for diesel-fueled commercial motor vehicles with gross vehicle weight ratings of greater than 10,000 pounds that are or must be licensed to operate on publicly maintained highways and streets within California. Section 2449 limits idling for off-road diesel-fueled fleets.

CalEnviroScreen

OEHHA developed CalEnviroScreen 4.0, which is a mapping tool that helps identify California communities that are most affected by many sources of pollution, and where people are often especially vulnerable to pollution's effects. CalEnviroScreen uses environmental, health, and socioeconomic information to produce scores for every census tract in the State. The scores are mapped so that different communities can be compared. An area with a high score is one that experiences a much higher pollution burden than areas with low scores. According to CalEnviroScreen, the Project Site and the nearest residences to the

north are located within Census Tract 6037482800, which is within the 75th percentile.[3] It should be noted that the CalEnviroScreen scores are relative to other census tracts and are not an expression of health risk, and do not provide quantitative information on increases in cumulative impacts for specific sites or projects. Further, as a comparative screening tool, the results do not provide a basis for determining when differences between scores are significant in relation to public health or the environment.

Executive Order N-79-20

Signed in September 2020, Executive Order N-79-20 establishes as a goal that where feasible, all new passenger cars and trucks, as well as all drayage/cargo trucks and off-road vehicles and equipment, sold in California, will be zero-emission by 2035. The executive order sets a similar goal requiring that all medium and heavy-duty vehicles will be zero-emission by 2045 where feasible. It also directs CARB to develop and propose rulemaking for passenger vehicles and trucks, medium-and heavy-duty fleets where feasible, drayage trucks, and off-road vehicles and equipment "requiring increasing volumes" of new zero emission vehicles (ZEVs) "towards the target of 100 percent." The executive order directs the California Environmental Protection Agency, the California Geologic Energy Management Division (CalGEM), and the California Natural Resources Agency to transition and repurpose oil production facilities with a goal toward meeting carbon neutrality by 2045. Executive Order N-79-20 builds upon the CARB Advanced Clean Trucks regulation, which was adopted by CARB in July 2020.

Regional

South Coast Air Quality Management District

The California Clean Air Act (CCAA) provides the SCAQMD with the authority to manage transportation activities at indirect sources and regulate stationary source emissions. Indirect sources of pollution are generated when minor sources collectively emit a substantial amount of pollution. An example of this would be the motor vehicles at an intersection, a mall, and on highways. As a State agency, CARB regulates motor vehicles and fuels for their emissions.

Air Toxics Control Plan

The Air Toxics Control Plan (March 2000, revised March 26, 2004) is a planning document designed to examine the overall direction of the SCAQMD's air toxics control program. It includes development and implementation of strategic initiatives to monitor and control air toxics emissions. Control strategies that are deemed viable and are within the SCAQMD's jurisdiction will each be brought to the SCAQMD Board for further consideration through the normal public review process. Strategies that are to be implemented by other agencies will be developed in a cooperative effort, and the progress will be reported back to the Board periodically.

[3] California Office of Environmental Health Hazard Assessment, *CalEnviroScreen 4.0 Results (October 2021 Update)*, https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40, accessed March 2024.

Multiple Air Toxics Exposure Study

The SCAQMD conducted an in-depth analysis of the toxic air contaminants and their resulting health risks for all of Southern California. The Multiple Air Toxics Exposure Study in the South Coast Air Basin (SoCAB) (MATES V) (August 2021) shows that carcinogenic risk from air toxics in the SoCAB, based on the average concentrations at the 10 monitoring sites, is approximately 40 percent lower than the monitored average in MATES IV and 84 percent lower than the average in MATES II.

MATES V is the most comprehensive dataset documenting the ambient air toxic levels and health risks associated with the SoCAB emissions. Therefore, MATES V study represents the baseline health risk for a cumulative analysis. MATES V estimates the average excess cancer risk level from exposure to TACs is 424 in one million basin wide. In comparison, the MATES IV basin average risk was 897 per million. These model estimates were based on monitoring data collected at ten fixed sites within the SoCAB. None of the fixed monitoring sites are near the Project Site. However, MATES V has extrapolated the excess cancer risk levels throughout the SoCAB by modeling the specific grids. MATES V modeling predicted an excess cancer risk of 549 in one million for the Project area.[4] DPM is included in this cancer risk along with all other TAC sources. DPM accounts for a majority of the total risk shown in MATES V in this area.

4.0 Health Risk Analysis

Health Risk Analysis Threshold

Project health risks are determined by examining the types and levels of air toxics generated and the associated impacts on factors that affect air quality. While the final determination of significance thresholds is within the purview of the lead agency pursuant to the State CEQA Guidelines, the SCAQMD recommends that the following air pollution thresholds be used by lead agencies in determining whether the impacts from the Project are significant. If the lead agency finds that the Project has the potential to exceed the air pollution thresholds, the Project should be considered significant. The thresholds for air toxic emissions are as follows.

- **Cancer Risk:** Emit contaminants that equal or exceed the maximum individual cancer risk of 10 in one million.
- **Cancer Burden:** Emit contaminants that exceeds the cancer burden of 0.5 excess cancer cases (in areas that equal or exceed one in one million).
- **Non-Cancer Risk:** Emit contaminants that equal or exceed the maximum hazard index of 1.0.

Cancer risk is expressed in terms of expected incremental incidence per million population. As noted above, the SCAQMD has established an incremental increase rate of less than 10 in one million as the maximum acceptable incremental cancer risk due to TAC exposure. This risk would be in addition to any cancer risk borne by a person not exposed to these TACs. This threshold serves to determine whether or

[4] South Coast Air Quality Management District, *MATES V Estimated Risk*, https://experience.arcgis.com/experience/79d3b6304912414bb21ebdde80100b23/page/home/?views=view_38%2Cview_1#data_s=id%3AdataSource_105-a5ba9580e3aa43508a793fac819a5a4d%3A282, accessed March 2024.

not a given project has a potentially significant development-specific and cumulative impact. To put this risk in perspective, the existing risk of contracting cancer from all airborne air toxics in the vicinity of the Project Site is 549 in a million which is 55 times more than the SCAQMD's threshold of 10 in one million.[5]

The SCAQMD has also established non-carcinogenic risk parameters for use in HRAs. Noncarcinogenic risks are quantified by calculating a "hazard index," expressed as the ratio between the ambient pollutant concentration and its toxicity or Reference Exposure Level (REL). An REL is a concentration at or below which health effects are not likely to occur. A hazard index of less than 1.0 means that adverse health effects are not expected. Within this analysis, non-carcinogenic exposures of less than 1.0 are considered less than significant.

4.1 Potential Health Risk Impacts

CARB identified DPM as a TAC in 1998. Mobile sources (including trucks, buses, automobiles, trains, ships, and farm equipment) are by far the largest source of diesel emissions. The exhaust from diesel engines includes hundreds of different gaseous and particulate components, many of which are toxic. Diesel exhaust is composed of two phases, either gas or particulate – both contribute to the risk. The gas phase is composed of many of the urban TACs, such as acetaldehyde, acrolein, benzene, 1,3-butadiene, formaldehyde, and polycyclic aromatic hydrocarbons. The particulate phase has many different types that can be classified by size or composition. The sizes of diesel particulates of greatest health concern are fine and ultrafine particles. These particles may be composed of elemental carbon with adsorbed compounds such as organics, sulfates, nitrates, metals, and other trace elements. Diesel exhaust is emitted from a broad range of on- and off-road diesel engines. As shown in **Figure 1: Sensitive Receptor Locations,** the Project Site boundary is approximately 65 feet from existing sensitive receptors (single-family residences). This report includes an analysis of DPM and was performed using the U.S. EPA-approved AERMOD model. See **Attachment A: AERMOD Modeling and Exposure Assumptions**.

[5] South Coast Air Quality Management District, *MATES V Estimated Risk*, https://experience.arcgis.com/experience/79d3b6304912414bb21ebdde80100b23/page/home/?views=view_38%2Cview_1#data_s=id%3AdataSource_105-a5ba9580e3aa43508a793fac819a5a4d%3A282, accessed March 2024.

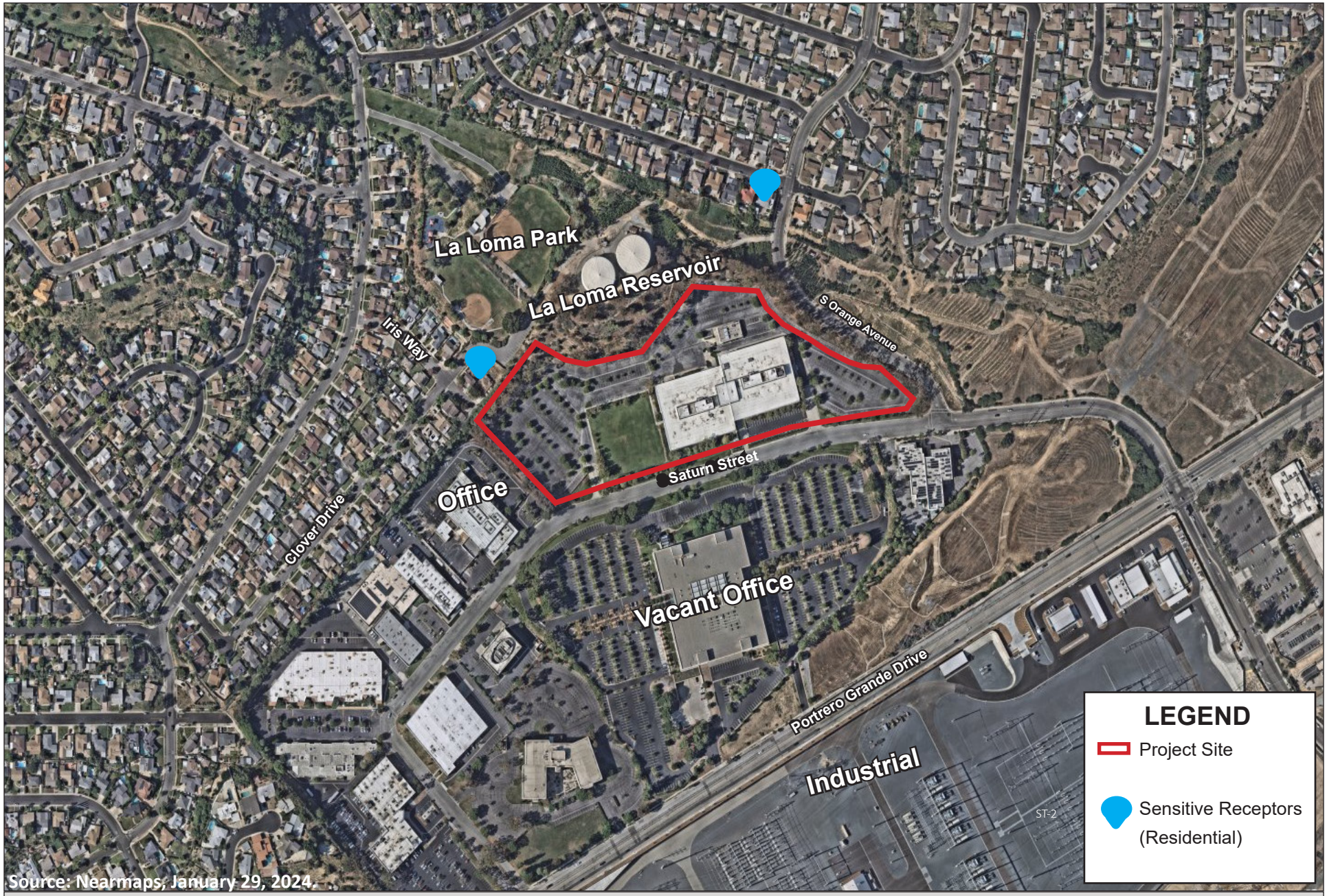


FIGURE 1: SENSITIVE RECEPTOR LOCATIONS
1977 Saturn Data Center Project

NOT TO SCALE

Kimley»Horn

Construction Carcinogenic Risk

Construction-related activities would result in Project-generated emissions of DPM from the exhaust of off-road, heavy-duty diesel equipment for site preparation (e.g., clearing, grading); paving; application of architectural coatings; on-road truck travel; and other miscellaneous activities. For construction activity, DPM is the primary toxic air contaminant of concern. On-road diesel-powered haul trucks traveling to and from the construction area to deliver materials and equipment are less of a concern because they would not stay on the site for long durations. Diesel exhaust from construction equipment operating at the site poses a health risk to nearby sensitive receptors.

Table 1: Construction Carcinogenic Risk Assessment shows the health risk for the construction of the Project. The analysis calculates risk based on exposure to construction concentrations during the entire two-year construction period.

Table 1: Construction Carcinogenic Risk Assessment

Exposure Scenario	Cancer Risk (Risk per Million)[1]	Significance Threshold (Risk per Million)	Exceeds Significance Threshold?
Residential Receptors	2.49	10	No
Worker Receptor	0.11	10	No

1. The reported annual pollutant concentration is at the closest maximally exposed individual resident (MEIR) to the Project Site.

Source: Refer to Attachment B: Modeling Data.

As shown in **Table 1**, the construction risk at residential and worker receptors would be 2.49 in one million and 0.11 in one million, respectively. The incremental cancer risk would be less than those levels at distances further from the Project Site. As such, the maximum cancer risk would be far below the SCAQMD threshold of 10 in one million, and impacts associated with carcinogenic risk would therefore be less than significant.

Table 2: Population Construction Cancer Burden shows the population cancer burden for the construction of the Project.

Table 2: Population Construction Cancer Burden

Burden	Significance Threshold	Exceeds Significance Threshold?
0.0002	0.5	No

Source: Refer to Attachment B: Modeling Data.

According to OEHHA, cancer burden, defined as the number of increased cancer cases expected in a population of one million, is used to assess public health impacts on a larger scale. Emissions of Project-generated DPM disperses, and concentration dissipates, rapidly with distance from the Project Site boundary. The residential receptors in Figure 1 are closest to the Project Site and would be the maximum receptor locations during construction.

In addition, **Figure 2: Zone of Impact Screening Isopleth Map** provides a zone of impact screening isopleth that illustrates where total excess lifetime cancer risk exposure could be greater than 1 in 1,000,000, which is the screening criteria per OEHHA and SCAQMD for further analysis of the total cancer burden.

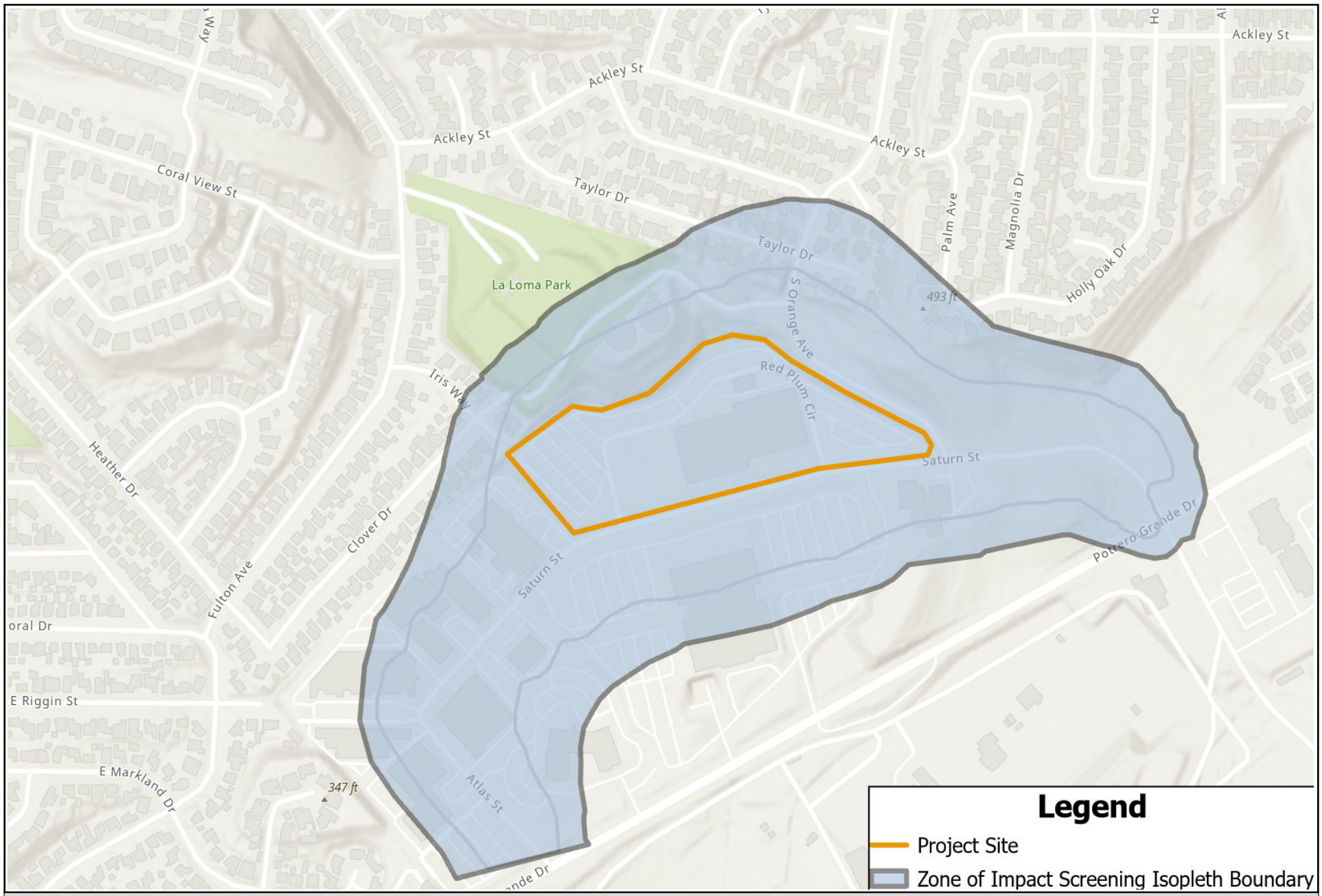


FIGURE 2: ZONE OF IMPACT SCREENING ISOPLETH MAP
1977 Saturn Data Center Project

NOT TO SCALE

Kimley»Horn

To be clear, this isopleth is highly conservative because it identifies the zone of potential impact over a 70-year lifetime exposure, and the Project construction duration is only approximately two years. Nonetheless, this report quantitatively analyzed the cancer burden within the zone of impact. As shown in Figure 2, the cancer burden for all receptors within the isopleth outline is well below the applicable SCAQMD threshold.

Quantitatively, the total cancer burden is the product of the number of persons in a residential population area and the estimated individual risk. As shown in Table 2, total cancer burden would be 0.0002, which is far below the SCAQMD's 0.5 cancer burden threshold. In addition, this modeled exposure scenario is temporary and ceases upon construction completion. Therefore, community-wide exposure to TACs from the Project would not result in a cancer burden of 0.5 or greater, and impacts would be less than significant.

Construction Non-Carcinogenic Hazard

The significance thresholds for TAC exposure also require an evaluation of non-cancer risk stated in terms of a hazard index. Non-cancer chronic impacts are calculated by dividing the annual average concentration by the REL for that substance. The REL is defined as the concentration at which no adverse non-cancer health effects are anticipated. RELs are designed to protect sensitive individuals within the population. According to OEHHA, the REL for DPM is 5 and the target organ is the respiratory system.[6]

Chronic non-carcinogenic impacts are shown in **Table 3: Construction Chronic Hazard Assessment**. A chronic hazard index of 1.0 is considered individually significant. The hazard index is calculated by dividing the chronic exposure by the reference exposure level. The chronic hazard was calculated based on the highest annual average concentration at the maximally exposed individual receptor. It should be noted that there is no acute REL for DPM and acute health risk cannot be calculated. The highest maximum chronic hazard index associated with DPM emissions from Project construction would be 0.0030 and 0.0021 at the residential and worker receptors, respectively. Therefore, construction non-carcinogenic hazard would not exceed the acceptable limits of 1.0 and impacts would be considered less than significant.

Table 3: Construction Chronic Hazard Assessment

Exposure Scenario	Annual Concentration (µg/m³)[1]	Chronic Hazard
Residential Receptors	0.0150	0.0030
Worker Receptors	0.0150	0.0021
SCAQMD Threshold	*N/A*	*1.0*
Threshold Exceeded?	**N/A**	**No**

1. The reported pollutant concentration is at the closest receptor (maximally exposed individual receptor).

Source: Refer to Attachment B: Modeling Data.

[6] California Office of Environmental Health Hazard Assessment, *OEHHA Acute, 8-hour and Chronic Reference Exposure Level (REL) Summary*, https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary, accessed March 2024.

Operational Health Risk Analysis

Operational emissions from the Project would result from mobile sources (i.e., motor vehicle use) and area sources (such as the use of landscape maintenance equipment, consumer products, and architectural coatings). As discussed in the Air Quality Assessment, the majority of these emissions would be generated by diesel and gasoline-powered vehicle travel occurring off-site from light-duty vehicles trips by staff to and from the Project Site. Light duty vehicles are not substantial sources of TAC emissions (e.g., DPM), which are primarily associated with diesel fueled vehicles.

The proposed Project would include up to 12 4-MW stationary emergency diesel generators upon loss of grid power. As discussed in the *1977 Saturn Data Project – Air Quality Analysis* (Kimley-Horn, April 2024), as part of the regulatory compliance process, the Applicant will obtain Permits to Operate (PTO) from the SCAQMD prior to installation or operation of the emergency generators, which verifies that the generators meet the applicable Best Available Control Technology (BACT) requirements and comply with SCAQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines) and Rule 1401 (New Source Review of Toxic Air Contaminants), which would minimize TAC emissions. An operational health risk analysis would be required to comply with SCAQMD's Rule 1401 permit requirements. DPM emissions and cancer risk associated with the proposed diesel generators would be analyzed within the required SCAQMD permit to ensure that associated emission levels remain less than significant.

Conclusion

As described above, impacts related to cancer risk would be less than significant. Additionally, non-carcinogenic hazards are calculated to be within acceptable limits. It should be noted that the impacts assess the Project's incremental contribution to health risk impacts, consistent with the SCAQMD guidance and methodology. The SCAQMD has not established separate cumulative thresholds and does not require combining impacts from cumulative projects. The SCAQMD considers projects that do not exceed the project-specific thresholds to generally not be cumulatively significant.[7] Therefore, impacts related to health risk from the Project would be less than significant.

Mitigation Measure: No mitigation is required.

Level of Significance: Less Than Significant Impact.

[7] SCAQMD, *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution*, August 2003.

5.0 References

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Attachment A

AERMOD Modeling and Exposure Assumptions

AERMOD Modeling and Exposure Assumptions

Meteorological Data. AERMOD requires hourly meteorological data consisting of wind vector, wind speed, temperature, atmospheric stability, and mixing height. The latest 5-year meteorological data set for the Pico Rivera Monitoring Station was obtained from the SCAQMD. Surface and upper air meteorological data from this station was selected as being the most representative for meteorology based on proximity to the Project site, as well as terrain, surrounding land uses, and surface characteristics.

Receptor Grid. To identify the maximum impacted sensitive receptors, a uniform Cartesian grid was placed over the sensitive receptors in the Project site's vicinity. According to the SCAQMD, a grid spacing of 50 meters or less must be used to identify the maximum impacted receptors (i.e., peak cancer risk and peak hazard indices).[1] Given the Project site's size, sensitive receptors were modeled with a maximum of 50-meter grid spacing.

Terrain Characteristics. As recommended by the SCAQMD, the United States Geological Survey (USGS) National Elevation Dataset (NED) terrain data was imported into AERMOD.

Averaging Times. AERMOD was run to obtain the unitized (i.e., 1 g/s) peak 1-hour and annual average (period) concentration in micrograms per cubic meter ($\mu g/m^3$) of PM_{10} at the nearby sensitive receptors. Estimated emissions were multiplied by the dispersion factors to obtain concentrations.

Project Sources.

Source Type	Represents	Release Height (m)[1]	Plume Height (m)[1]	Notes
Construction				
Line Volume	Hauling Trucks	3.4	6.8	-
Line Volume	On-site Construction Equipment	3.4	6.8	-

NA = not applicable
Sources:
1. U.S. EPA. 2012. *Haul Road Workgroup Final Report*. https://www.epa.gov/sites/default/files/2020-10/documents/haul_road_workgroup-final_report_package-20120302.pdf, accessed April 2024.

Cancer Risk. Based on the OEHHA methodology, residential inhalation cancer risk from annual average DPM concentrations are calculated by multiplying the daily inhalation dose, cancer potency factor, age sensitivity factor (ASF), frequency of time spent at home, and exposure duration divided by averaging time, yielding the excess cancer risk. These factors are discussed in more detail below. It is important to note that exposure duration is based on continual heavy truck operation along nearby roadways. Exposure through inhalation (Dose-air) is a function of breathing rate, exposure frequency, and concentration of substance in the air. To estimate cancer risk, the dose was estimated by applying the following formula to each ground-level concentration:

$$\text{Dose-air} = C_{air} * (BR/BW) * A * EF * 10^{-6}$$

Dose-air = dose through inhalation (mg/kg/day)
C_{air} = air concentration ($\mu g/m^3$) from air dispersion model
(DBR/BW) = daily breathing rate normalized to body weight (L/kg bodyweight-day)

[1] 18. South Coast Air Quality Management District, SCAQMD Modeling Guidance for AERMOD, http://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance.

A = inhalation absorption factor (unitless)
EF = exposure frequency (approximately 350 days per year for residential)
10^{-6} = conversion factor (micrograms to milligrams, liters to cubic meters)

OEHHA developed ASFs to consider the increased sensitivity to carcinogens during early-life exposure. In the absence of chemical-specific data, OEHHA recommends default ASFs presented in the Exposure Assumptions Table, below. Fraction of time at home (FAH) during the day is used to adjust exposure duration and cancer risk from a specific facility's emissions, based on the assumption that exposure to the facility's emissions are not occurring away from home. OEHHA recommends the FAH values presented in the table.

Exposure Assumptions

Scenario	Age	Exposure Frequency (days/year)	Exposure Duration (years)	Age Sensitivity Factor[1] (ASF)	Fraction of Time at Home (FAH)	Daily Breathing Rate (L/kg BW-day)[2]
Construction	**Residential**					
	Third trimester	350	0.25	10	85%	361
	0 to 2 years	350	1.75	10	85%	1,090
	Ages 2 through 8 years	350	7	3	72%	631
	Ages 9 through 15 years	350	0.5	3	72%	572
	Ages 16 and greater	350	0	1	73%	261
	Worker	250	9.5	1	N/A	230

1. Accounts for potential increased sensitivity to carcinogens during childhood.
2. Daily breathing rate normalized to body weight (L/kg body weight - day) (95th percentile for 3rd trimester to 2 years and 80th percentile for other age groups). Worker breathing rates are 95th percentile 8-hour breathing rates based on moderate intensity activity.

Source: California Office of Environmental Health Hazard Assessment, *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments*, February 2015.

To estimate the cancer risk, the dose is multiplied by the cancer potency factor, the ASF, the exposure duration divided by averaging time, and the frequency of time spent at home (for residents only):

$$Risk_{inh\text{-}r} = (Dose_{air} * CPF * ASF * (ED/AT) * FAH)$$

$Risk_{inh\text{-}res}$ = residential inhalation cancer risk (potential chances per million)
$Dose_{air}$ = daily dose through inhalation (mg/kg-day)
CPF = inhalation cancer potency factor ($mg/kg\text{-}day^{-1}$)
ASF = age sensitivity factor for a specified age group (unitless)
ED = exposure duration (years)
AT = averaging time of lifetime cancer risk (years)
FAH = fraction of time spent at home (unitless)

Chronic Non-Cancer Hazard. Non-cancer chronic impacts are calculated by dividing the annual average concentration by the REL for that substance. The REL is defined as the concentration at which no adverse non-cancer health effects are anticipated. For example, according to OEHHA, the chronic REL for DPM is

5 and the target organ is the respiratory system.[2] The following equation was used to determine the non-cancer risk:

$$\text{Hazard Index} = C_i/REL_i$$

C_i = concentration in the air of substance i (annual average concentration in $\mu g/m^3$)
REL_i = chronic noncancer Reference Exposure Level for substance ($\mu g/m^3$)

Health Risk Computation. A health risk computation was performed to determine the risk of developing an excess cancer risk calculated on a 30-year exposure scenario using the approach described in the OEHHA *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments* (February 2015) and the daily breathing rates, age sensitivity factors, exposure duration, and fraction of time at home. Health risks were analyzed at the point of maximum impact and are a conservative estimate. The pollutant concentrations are then used to estimate the long-term cancer health risk to an individual as well as the non-cancer chronic health index.

The off-site impacts would occur from the diesel trucks accessing the proposed Project. The cancer and chronic health risks are based on the annual average concentration of PM_{10} (used as a proxy for DPM). As noted above, the chronic and carcinogenic health risk calculations are based on the standardized equations contained in the U.S. EPA *Human Health Evaluation Manual* (1991) and the OEHHA Guidance Manual (2015). The health risk computation was performed to determine the risk of developing an excess cancer risk calculated on these worst-case exposure duration scenarios. The chronic and carcinogenic health risk calculations are based on the standardized equations contained in the OEHHA Guidance Manual. Only the risk associated with the worst-case location of the Project was assessed.

[2] California Office of Health Hazard Assessment, OEHHA Acute, *8-hour and Chronic Reference Exposure Level (REL) Summary*, 2020. https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary)

Attachment B

Modeling Results

CONSTRUCTION

	2025		Days	Vendor	Hauling	Vendor	Hauling
Demo	9/1/2025	10/30/2025	44	0	56	0	2464
Site Prep	10/31/2025	12/3/2025	24	0	0	0	0
Grading	12/4/2025	12/31/2025	20	0	406	0	8120
	2026						
Building Phase I	1/1/2026	8/1/2026	152	40	0	6080	0
Paving	8/2/2026	8/31/2026	21	0	0	0	0
Building Phase II	9/1/2026	12/31/2026	88	40	0	3520	0
	2027						
Building Phase II	1/1/2027	7/31/2027	151	40	0	6040	0
Arch Coating	6/1/2027	8/31/2027	66	0	0	0	0

On-Site Construction PM10 Exhaust (tons/yr)

Year	Phase	Emissions
2025	Demo	2.02E-02
2025	Site Prep	1.64E-02
2025	Grading	7.22E-03
	Total 2025	**4.38E-02**
2026	Building Phase I	2.88E-02
2026	Paving	3.36E-03
2026	Building Phase II	8.48E-03
	Total 2026	**4.06E-02**
2027	Building Phase II	1.26E-02
2027	Arch Coating	6.29E-04
	Total 2027	**1.32E-02**

Off-Site Construction PM10 Exhaust (tons/yr)

Year	Phase	Emissions
2025	Demo	1.09E-03
2025	Site Prep	0.00E+00
2025	Grading	3.58E-03
	Total 2025	**4.67E-03**
2026	Building Phase I	1.36E-03
2026	Paving	0.00E+00
2026	Building Phase II	7.79E-04
	Total 2026	**2.14E-03**
2027	Building Phase II	6.76E-04
2027	Arch Coating	0.00E+00
	Total 2027	**6.76E-04**

Construction

Group: ONSITE **PM10 Exhaust Onsite**

Year	Unmitigated Tons/Year	g/s	Weighted Average On-Site Rate	AERMOD Unitized Rate (g/s)
2025	4.38E-02	1.57E-02	**5.62E-03**	1
2026	4.06E-02	4.90E-03		
2027	1.32E-02	1.59E-03		

Group: OFFSITE

	Trips		Miles		Weighted
Year	Vendor	Hauling	Vendor	Hauling	Trip length
2025	0	10584	**10.2**	**20**	20.00
2026	9600	0	**10.2**	**20**	10.20
2027	6040	0	**10.2**	**20**	10.20

PM2.5 Exhaust Off-Site

	Tons/Year	g/s	g/s per mile	Weighted Average Off-Site Rate
2025	0.0047	1.67E-03	8.36E-05	**2.94E-05**
2026	2.14E-03	2.58E-04	2.53E-05	
2027	6.76E-04	8.16E-05	8.00E-06	

Group: OFFSITE

Roadway	Speed	Length (meters)	Length (Miles)	Emissions (g/sec per mile)	Emission Rate (g/sec)
Saturn Street	**40**	**1197**	0.74	2.94E-05	0.000021856

CONSTRUCTION RISK (UNMITIGATED)

CONSTRUCTION RISK (UNMITIGATED)

Unmitigated	
Onsite	Offsite
5.62E-03	2.19E-05

							Concentration (AVERAGE CONC) [u	Concentration (AVERAGE CONC) [ug/m^3]		Residential Dose					Risk by Age Group					
									Unmitigated												
	Discrete Re	X	Y	X, Y	Onsite	Offsite	Onsite	Offsite	Total	3rd Tri	0<2	2<9	9<16	16<30	3rd Tri	0<2	2<9	9<16	16<30	Total Risk
1	UCART1	396456.15	3766686.98	396456.15, 3766686.98	0.05501	0.08924	3.09E-04	1.95E-06	3.11E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.2E-09	3.8E-08	8.9E-09	0.0E+00	0.0E+00	5.1E-08
2	UCART1	396501.15	3766686.98	396501.15, 3766686.98	0.06037	0.10603	3.39E-04	2.32E-06	3.42E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.6E-09	4.2E-08	9.7E-09	0.0E+00	0.0E+00	5.6E-08
3	UCART1	396546.15	3766686.98	396546.15, 3766686.98	0.06619	0.12777	3.72E-04	2.79E-06	3.75E-04	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	5.1E-09	4.6E-08	1.1E-08	0.0E+00	0.0E+00	6.2E-08
4	UCART1	396591.15	3766686.98	396591.15, 3766686.98	0.07245	0.15627	4.07E-04	3.42E-06	4.11E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	5.1E-08	1.2E-08	0.0E+00	0.0E+00	6.8E-08
5	UCART1	396636.15	3766686.98	396636.15, 3766686.98	0.07906	0.19416	4.44E-04	4.24E-06	4.49E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	5.5E-08	1.3E-08	0.0E+00	0.0E+00	7.4E-08
6	UCART1	396681.15	3766686.98	396681.15, 3766686.98	0.08587	0.24505	4.83E-04	5.36E-06	4.88E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	6.6E-09	6.0E-08	1.4E-08	0.0E+00	0.0E+00	8.1E-08
7	UCART1	396726.15	3766686.98	396726.15, 3766686.98	0.09276	0.31541	5.21E-04	6.89E-06	5.28E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	6.5E-08	1.5E-08	0.0E+00	0.0E+00	8.7E-08
8	UCART1	396771.15	3766686.98	396771.15, 3766686.98	0.09928	0.41222	5.58E-04	9.01E-06	5.67E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	7.7E-09	7.0E-08	1.6E-08	0.0E+00	0.0E+00	9.4E-08
9	UCART1	396816.15	3766686.98	396816.15, 3766686.98	0.10552	0.55758	5.93E-04	1.22E-05	6.05E-04	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	8.2E-09	7.5E-08	1.7E-08	0.0E+00	0.0E+00	1.0E-07
10	UCART1	396861.15	3766686.98	396861.15, 3766686.98	0.11069	0.78173	6.22E-04	1.71E-05	6.39E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.7E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
11	UCART1	396456.15	3766731.98	396456.15, 3766731.98	0.05761	0.09264	3.24E-04	2.02E-06	3.26E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.4E-09	4.0E-08	9.3E-09	0.0E+00	0.0E+00	5.4E-08
12	UCART1	396501.15	3766731.98	396501.15, 3766731.98	0.0637	0.11128	3.58E-04	2.43E-06	3.60E-04	1.2E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	4.9E-09	4.4E-08	1.0E-08	0.0E+00	0.0E+00	6.0E-08
13	UCART1	396546.15	3766731.98	396546.15, 3766731.98	0.07059	0.13645	3.97E-04	2.98E-06	4.00E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.4E-09	4.9E-08	1.1E-08	0.0E+00	0.0E+00	6.6E-08
14	UCART1	396591.15	3766731.98	396591.15, 3766731.98	0.07823	0.17107	4.40E-04	3.74E-06	4.43E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	5.5E-08	1.3E-08	0.0E+00	0.0E+00	7.3E-08
15	UCART1	396636.15	3766731.98	396636.15, 3766731.98	0.08675	0.22063	4.88E-04	4.82E-06	4.92E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	6.1E-08	1.4E-08	0.0E+00	0.0E+00	8.1E-08
16	UCART1	396681.15	3766731.98	396681.15, 3766731.98	0.09569	0.29201	5.38E-04	6.38E-06	5.44E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	6.7E-08	1.6E-08	0.0E+00	0.0E+00	9.0E-08
17	UCART1	396726.15	3766731.98	396726.15, 3766731.98	0.10486	0.39962	5.89E-04	8.73E-06	5.98E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	8.1E-09	7.4E-08	1.7E-08	0.0E+00	0.0E+00	9.9E-08
18	UCART1	396771.15	3766731.98	396771.15, 3766731.98	0.11394	0.57015	6.40E-04	1.25E-05	6.53E-04	2.3E-07	6.8E-07	4.0E-07	3.6E-07	1.6E-07	8.9E-09	8.0E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
19	UCART1	396816.15	3766731.98	396816.15, 3766731.98	0.12267	0.85716	6.89E-04	1.87E-05	7.08E-04	2.5E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	9.6E-09	8.7E-08	2.0E-08	0.0E+00	0.0E+00	1.2E-07
20	UCART1	396861.15	3766731.98	396861.15, 3766731.98	0.13048	1.44671	7.33E-04	3.16E-05	7.65E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	9.4E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
21	UCART1	396906.15	3766731.98	396906.15, 3766731.98	0.137	3.20436	7.70E-04	7.00E-05	8.40E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
22	UCART1	396951.15	3766731.98	396951.15, 3766731.98	0.14201	4.17088	7.98E-04	9.12E-05	8.89E-04	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.5E-07
23	UCART1	396996.15	3766731.98	396996.15, 3766731.98	0.14526	2.63365	8.16E-04	5.76E-05	8.74E-04	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.4E-07
24	UCART1	397041.15	3766731.98	397041.15, 3766731.98	0.14666	0.80651	8.24E-04	1.76E-05	8.42E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
25	UCART1	396456.15	3766776.98	396456.15, 3766776.98	0.06028	0.09534	3.39E-04	2.08E-06	3.41E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	4.6E-09	4.2E-08	9.7E-09	0.0E+00	0.0E+00	5.6E-08
26	UCART1	396501.15	3766776.98	396501.15, 3766776.98	0.0671	0.11543	3.77E-04	2.52E-06	3.80E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.5E-08	5.2E-09	4.7E-08	1.1E-08	0.0E+00	0.0E+00	6.3E-08
27	UCART1	396546.15	3766776.98	396546.15, 3766776.98	0.07498	0.14313	4.21E-04	3.13E-06	4.25E-04	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	5.8E-09	5.2E-08	1.2E-08	0.0E+00	0.0E+00	7.0E-08
28	UCART1	396591.15	3766776.98	396591.15, 3766776.98	0.08416	0.18334	4.73E-04	4.01E-06	4.77E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	5.9E-08	1.4E-08	0.0E+00	0.0E+00	7.9E-08
29	UCART1	396636.15	3766776.98	396636.15, 3766776.98	0.09472	0.24381	5.32E-04	5.33E-06	5.38E-04	1.9E-07	5.6E-07	3.3E-07	2.9E-07	1.3E-07	7.3E-09	6.6E-08	1.5E-08	0.0E+00	0.0E+00	8.9E-08
30	UCART1	396681.15	3766776.98	396681.15, 3766776.98	0.1061	0.33236	5.96E-04	7.26E-06	6.04E-04	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	8.2E-09	7.4E-08	1.7E-08	0.0E+00	0.0E+00	1.0E-07
31	UCART1	396726.15	3766776.98	396726.15, 3766776.98	0.11822	0.48752	6.64E-04	1.07E-05	6.75E-04	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	9.2E-09	8.3E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
32	UCART1	396771.15	3766776.98	396771.15, 3766776.98	0.13088	0.76107	7.36E-04	1.66E-05	7.52E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	1.0E-08	9.3E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
33	UCART1	396816.15	3766776.98	396816.15, 3766776.98	0.14343	1.4068	8.06E-04	3.07E-05	8.37E-04	2.9E-07	8.7E-07	5.1E-07	4.6E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
34	UCART1	396861.15	3766776.98	396861.15, 3766776.98	0.15531	3.13349	8.73E-04	6.85E-05	9.41E-04	3.3E-07	9.8E-07	5.7E-07	5.2E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
35	UCART1	396906.15	3766776.98	396906.15, 3766776.98	0.16581	5.18096	9.32E-04	1.13E-04	1.05E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.4E-08	1.3E-07	3.0E-08	0.0E+00	0.0E+00	1.7E-07
36	UCART1	396951.15	3766776.98	396951.15, 3766776.98	0.1743	6.0444	9.80E-04	1.32E-04	1.11E-03	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.5E-08	1.4E-07	3.2E-08	0.0E+00	0.0E+00	1.8E-07
37	UCART1	396996.15	3766776.98	396996.15, 3766776.98	0.18029	2.03026	1.01E-03	4.44E-05	1.06E-03	3.7E-07	1.1E-06	6.4E-07	5.8E-07	2.6E-07	1.4E-08	1.3E-07	3.0E-08	0.0E+00	0.0E+00	1.7E-07
38	UCART1	397041.15	3766776.98	397041.15, 3766776.98	0.1835	0.92034	1.03E-03	2.01E-05	1.05E-03	3.6E-07	1.1E-06	6.4E-07	5.8E-07	2.6E-07	1.4E-08	1.3E-07	3.0E-08	0.0E+00	0.0E+00	1.7E-07
39	UCART1	397086.15	3766776.98	397086.15, 3766776.98	0.18386	0.55179	1.03E-03	1.21E-05	1.05E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.4E-08	1.3E-07	3.0E-08	0.0E+00	0.0E+00	1.7E-07
40	UCART1	397131.15	3766776.98	397131.15, 3766776.98	0.18149	0.3945	1.02E-03	8.62E-06	1.03E-03	3.6E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.4E-08	1.3E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
41	UCART1	396456.15	3766821.98	396456.15, 3766821.98	0.06271	0.09674	3.52E-04	2.11E-06	3.55E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.9E-08	4.8E-09	4.4E-08	1.0E-08	0.0E+00	0.0E+00	5.9E-08
42	UCART1	396501.15	3766821.98	396501.15, 3766821.98	0.07038	0.11793	3.96E-04	2.58E-06	3.98E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.4E-09	4.9E-08	1.1E-08	0.0E+00	0.0E+00	6.6E-08
43	UCART1	396546.15	3766821.98	396546.15, 3766821.98	0.07941	0.14759	4.46E-04	3.23E-06	4.50E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	5.5E-08	1.3E-08	0.0E+00	0.0E+00	7.4E-08
44	UCART1	396591.15	3766821.98	396591.15, 3766821.98	0.09	0.19109	5.06E-04	4.18E-06	5.10E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	6.3E-08	1.5E-08	0.0E+00	0.0E+00	8.4E-08
45	UCART1	396636.15	3766821.98	396636.15, 3766821.98	0.10271	0.26043	5.77E-04	5.69E-06	5.83E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	7.9E-09	7.2E-08	1.7E-08	0.0E+00	0.0E+00	9.6E-08
46	UCART1	396681.15	3766821.98	396681.15, 3766821.98	0.11723	0.37064	6.59E-04	8.10E-06	6.67E-04	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	9.1E-09	8.2E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
47	UCART1	396726.15	3766821.98	396726.15, 3766821.98	0.13318	0.58869	7.49E-04	1.29E-05	7.61E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	9.4E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
48	UCART1	396771.15	3766821.98	396771.15, 3766821.98	0.15049	1.09689	8.46E-04	2.40E-05	8.70E-04	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.4E-07
49	UCART1	396816.15	3766821.98	396816.15, 3766821.98	0.16867	2.66798	9.48E-04	5.83E-05	1.01E-03	3.5E-07	1.1E-06	6.1E-07	5.5E-07	2.5E-07	1.4E-08	1.2E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
50	UCART1	396861.15	3766821.98	396861.15, 3766821.98	0.18675	7.40739	1.05E-03	1.62E-04	1.21E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.6E-08	1.5E-07	3.5E-08	0.0E+00	0.0E+00	2.0E-07
51	UCART1	396906.15	3766821.98	396906.15, 3766821.98	0.20359	7.62596	1.14E-03	1.67E-04	1.31E-03	4.5E-07	1.4E-06	7.9E-07	7.2E-07	3.3E-07	1.8E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.2E-07
52	UCART1	396951.15	3766821.98	396951.15, 3766821.98	0.218	2.94291	1.23E-03	6.43E-05	1.29E-03	4.5E-07	1.3E-06	7.8E-07	7.1E-07	3.2E-07	1.8E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.1E-07
53	UCART1	396996.15	3766821.98	396996.15, 3766821.98	0.22887	1.5906	1.29E-03	3.48E-05	1.32E-03	4.6E-07	1.4E-06	8.0E-07	7.2E-07	3.3E-07	1.8E-08	1.6E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
54	UCART1	397041.15	3766821.98	397041.15, 3766821.98	0.23542	0.94414	1.32E-03	2.06E-05	1.34E-03	4.7E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	1.8E-08	1.7E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
55	UCART1	397086.15	3766821.98	397086.15, 3766821.98	0.23732	0.6301	1.33E-03	1.38E-05	1.35E-03	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.8E-08	1.7E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
56	UCART1	397131.15	3766821.98	397131.15, 3766821.98	0.2347	0.46468	1.32E-03	1.02E-05	1.33E-03	4.6E-07	1.4E-06	8.0E-07	7.3E-07	3.3E-07	1.8E-08	1.6E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
57	UCART1	397176.15	3766821.98	397176.15, 3766821.98	0.22785	0.37374	1.28E-03	8.17E-06	1.29E-03	4.5E-07	1.3E-06	7.8E-07	7.1E-07	3.2E-07	1.8E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.1E-07
58	UCART1	397221.15	3766821.98	397221.15, 3766821.98	0.21756	0.31651	1.22E-03	6.92E-06	1.23E-03	4.3E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.7E-08	1.5E-07	3.5E-08	0.0E+00	0.0E+00	2.0E-07
59	UCART1	396456.15	3766866.98	396456.15, 3766866.98	0.06493	0.09694	3.65E-04	2.12E-06	3.67E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	5.0E-09	4.5E-08	1.0E-08	0.0E+00	0.0E+00	6.1E-08
60	UCART1	396501.15	3766866.98	396501.15, 3766866.98	0.07351	0.11862	4.13E-04	2.59E-06	4.16E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.7E-09	5.1E-08	1.2E-08	0.0E+00	0.0E+00	6.9E-08
61	UCART1	396546.15	3766866.98	396546.15, 3766866.98	0.08372	0.1492	4.71E-04	3.26E-06	4.74E-04	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.4E-09	5.8E-08	1.4E-08	0.0E+00	0.0E+00	7.8E-08
62	UCART1	396591.15	3766866.98	396591.15, 3766866.98	0.09585	0.19411	5.39E-04	4.24E-06	5.43E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	6.7E-08	1.5E-08	0.0E+00	0.0E+00	9.0E-08
63	UCART1	396636.15	3766866.98	396636.15, 3766866.98	0.11071	0.26638	6.22E-04	5.82E-06	6.28E-04	2.2E-07	6.6E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	7.7E-08	1.8E-08	0.0E+00	0.0E+00	1.0E-07
64	UCART1	396681.15	3766866.98	396681.15, 3766866.98	0.12858	0.39389	7.23E-04	8.61E-06	7.31E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	9.9E-09	9.0E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
65	UCART1	396726.15	3766866.98	396726.15, 3766866.98	0.14946	0.65319	8.40E-04	1.43E-05	8.54E-04	3.0E-07	8.9E-07	5.2E-07	4.7E-07	2.1E-07	1.2E-08	1.1E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
66	UCART1	396771.15	3766866.98	396771.15, 3766866.98	0.17314	1.35986	9.73E-04	2.97E-05	1.00E-03	3.5E-07	1.0E-06	6.1E-07	5.5E-07	2.5E-07	1.4E-08	1.2E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
67	UCART1	396816.15	3766866.98	396816.15, 3766866.98	0.19931	5.52483	1.12E-03	1.21E-04	1.24E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.7E-08	1.5E-07	3.5E-08	0.0E+00	0.0E+00	2.1E-07
68	UCART1	396861.15	3766866.98	396861.15, 3766866.98	0.22695	10.6468	1.28E-03	2.33E-04	1.51E-03	5.2E-07	1.6E-06	9.1E-07	8.3E-07	3.8E-07	2.1E-08	1.9E-07	4.3E-08	0.0E+00	0.0E+00	2.5E-07
69	UCART1	396906.15	3766866.98	396906.15, 3766866.98	0.25436	3.92677	1.43E-03	8.58E-05	1.52E-03	5.2E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	2.1E-08	1.9E-07	4.3E-08	0.0E+00	0.0E+00	2.5E-07
70	UCART1	396951.15	3766866.98	396951.15, 3766866.98	0.27911	2.24237	1.57E-03	4.90E-05	1.62E-03	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.0E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.7E-07
71	UCART1	396996.15	3766866.98	396996.15, 3766866.98	0.29892	1.44482	1.68E-03	3.16E-05	1.71E-03	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.3E-08	2.1E-07	4.9E-08	0.0E+00	0.0E+00	2.8E-07
72	UCART1	397041.15	3766866.98	397041.15, 3766866.98	0.31173	0.98867	1.75E-03	2.16E-05	1.77E-03	6.1E-07	1.9E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	2.2E-07	5.1E-08	0.0E+00	0.0E+00	2.9E-07
73	UCART1	397086.15	3766866.98	397086.15, 3766866.98	0.31667	0.71363	1.78E-03	1.56E-05	1.80E-03	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.4E-08	2.2E-07	5.1E-08	0.0E+00	0.0E+00	3.0E-07
74	UCART1	397131.15	3766866.98	397131.15, 3766866.98	0.31362	0.54738	1.76E-03	1.20E-05	1.77E-03	6.1E-07	1.9E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	2.2E-07	5.1E-08	0.0E+00	0.0E+00	2.9E-07
75	UCART1	397176.15	3766866.98	397176.15, 3766866.98	0.30344	0.44907	1.71E-03	9.81E-06	1.72E-03	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.3E-08	2.1E-07	4.9E-08	0.0E+00	0.0E+00	2.8E-07
76	UCART1	397221.15	3766866.98	397221.15, 3766866.98	0.28761	0.3847	1.62E-03	8.41E-06	1.62E-03	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.7E-07
77	UCART1	397266.15	3766866.98	397266.15, 3766866.98	0.26776	0.33966	1.50E-03	7.42E-06	1.51E-03	5.2E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	2.1E-08	1.9E-07	4.3E-08	0.0E+00	0.0E+00	2.5E-07
78	UCART1	397311.15	3766866.98	397311.15, 3766866.98	0.24547	0.30635	1.38E-03	6.70E-06	1.39E-03	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
79	UCART1	397356.15	3766866.98	397356.15, 3766866.98	0.22202	0.28046	1.25E-03	6.13E-06	1.25E-03	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	1.7E-08	1.5E-07	3.6E-08	0.0E+00	0.0E+00	2.1E-07
80	UCART1	396456.15	3766911.98	396456.15, 3766911.98	0.06681	0.09597	3.76E-04	2.10E-06	3.78E-04	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.5E-08	5.1E-09	4.7E-08	1.1E-08	0.0E+00	0.0E+00	6.2E-08
81	UCART1	396501.15	3766911.98	396501.15, 3766911.98	0.07618	0.11734	4.28E-04	2.56E-06	4.31E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	5.3E-08	1.2E-08	0.0E+00	0.0E+00	7.1E-08
82	UCART1	396546.15	3766911.98	396546.15, 3766911.98	0.08751	0.14744	4.92E-04	3.22E-06	4.95E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	6.1E-08	1.4E-08	0.0E+00	0.0E+00	8.2E-08
83	UCART1	396591.15	3766911.98	396591.15, 3766911.98	0.10135	0.19172	5.70E-04	4.19E-06	5.74E-04	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	7.8E-09	7.1E-08	1.6E-08	0.0E+00	0.0E+00	9.5E-08
84	UCART1	396636.15	3766911.98	396636.15, 3766911.98	0.11883	0.26286	6.68E-04	5.75E-06	6.74E-04	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	9.2E-09	8.3E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
85	UCART1	396681.15	3766911.98	396681.15, 3766911.98	0.14056	0.38715	7.90E-04	8.46E-06	7.98E-04	2.8E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	1.1E-08	9.8E-08	2.3E-08	0.0E+00	0.0E+00	1.3E-07
86	UCART1	396726.15	3766911.98	396726.15, 3766911.98	0.16698	0.63618	9.39E-04	1.39E-05	9.52E-04	3.3E-07	1.0E-06	5.8E-07	5.2E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
87	UCART1	396771.15	3766911.98	396771.15, 3766911.98	0.19883	1.28292	1.12E-03	2.80E-05	1

CONSTRUCTION RISK (UNMITIGATED)

122	UCART1	397401.15	3766956.98	397401.15, 3766956.98	0.33215	0.42853	1.87E-03	9.37E-06	1.88E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	2.3E-07	5.4E-08	0.0E+00	0.0E+00	3.1E-07
123	UCART1	397446.15	3766956.98	397446.15, 3766956.98	0.28229	0.40252	1.59E-03	8.80E-06	1.60E-03	5.5E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.6E-07
124	UCART1	397491.15	3766956.98	397491.15, 3766956.98	0.23537	0.37687	1.32E-03	8.24E-06	1.33E-03	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.3E-07	1.8E-08	1.6E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
125	UCART1	397536.15	3766956.98	397536.15, 3766956.98	0.19564	0.35264	1.10E-03	7.71E-06	1.11E-03	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.5E-08	1.4E-07	3.2E-08	0.0E+00	0.0E+00	1.8E-07
126	UCART1	397581.15	3766956.98	397581.15, 3766956.98	0.16303	0.32987	9.16E-04	7.21E-06	9.24E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.3E-08	1.1E-07	2.6E-08	0.0E+00	0.0E+00	1.5E-07
127	UCART1	397626.15	3766956.98	397626.15, 3766956.98	0.13666	0.30478	7.68E-04	6.66E-06	7.75E-04	2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	1.1E-08	9.5E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
128	UCART1	397671.15	3766956.98	397671.15, 3766956.98	0.11552	0.27324	6.49E-04	5.97E-06	6.55E-04	2.3E-07	6.8E-07	4.0E-07	3.6E-07	1.6E-07	8.9E-09	8.1E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
129	UCART1	397716.15	3766956.98	397716.15, 3766956.98	0.09823	0.23303	5.52E-04	5.09E-06	5.57E-04	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	7.6E-09	6.9E-08	1.6E-08	0.0E+00	0.0E+00	9.2E-08
130	UCART1	397761.15	3766956.98	397761.15, 3766956.98	0.08286	0.18521	4.66E-04	4.05E-06	4.70E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	6.4E-09	5.8E-08	1.3E-08	0.0E+00	0.0E+00	7.8E-08
131	UCART1	397806.15	3766956.98	397806.15, 3766956.98	0.07171	0.14932	4.03E-04	3.26E-06	4.06E-04	1.4E-07	4.2E-07	2.5E-07	2.2E-07	1.0E-07	5.5E-09	5.0E-08	1.2E-08	0.0E+00	0.0E+00	6.7E-08
132	UCART1	397851.15	3766956.98	397851.15, 3766956.98	0.06272	0.12061	3.53E-04	2.64E-06	3.55E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.9E-08	4.8E-09	4.4E-08	1.0E-08	0.0E+00	0.0E+00	5.9E-08
133	UCART1	397896.15	3766956.98	397896.15, 3766956.98	0.05573	0.09934	3.13E-04	2.17E-06	3.15E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	3.9E-08	9.0E-09	0.0E+00	0.0E+00	5.2E-08
134	UCART1	397941.15	3766956.98	397941.15, 3766956.98	0.04927	0.08188	2.77E-04	1.79E-06	2.79E-04	9.6E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.8E-09	3.4E-08	8.0E-09	0.0E+00	0.0E+00	4.6E-08
135	UCART1	396456.15	3767001.98	396456.15, 3767001.98	0.06943	0.09114	3.90E-04	1.99E-06	3.92E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.8E-08	5.3E-09	4.8E-08	1.1E-08	0.0E+00	0.0E+00	6.5E-08
136	UCART1	396501.15	3767001.98	396501.15, 3767001.98	0.08006	0.11031	4.50E-04	2.41E-06	4.52E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.2E-09	5.6E-08	1.3E-08	0.0E+00	0.0E+00	7.5E-08
137	UCART1	396546.15	3767001.98	396546.15, 3767001.98	0.09346	0.13679	5.25E-04	2.99E-06	5.28E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	6.5E-08	1.5E-08	0.0E+00	0.0E+00	8.7E-08
138	UCART1	396591.15	3767001.98	396591.15, 3767001.98	0.11041	0.17475	6.21E-04	3.82E-06	6.24E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	7.7E-08	1.8E-08	0.0E+00	0.0E+00	1.0E-07
139	UCART1	396636.15	3767001.98	396636.15, 3767001.98	0.13265	0.23199	7.46E-04	5.07E-06	7.51E-04	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	1.0E-08	9.2E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
140	UCART1	396681.15	3767001.98	396681.15, 3767001.98	0.16221	0.32361	9.12E-04	7.07E-06	9.19E-04	3.2E-07	9.6E-07	5.6E-07	5.0E-07	2.3E-07	1.2E-08	1.1E-07	2.6E-08	0.0E+00	0.0E+00	1.5E-07
141	UCART1	396726.15	3767001.98	396726.15, 3767001.98	0.20188	0.48114	1.13E-03	1.05E-05	1.15E-03	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
142	UCART1	396771.15	3767001.98	396771.15, 3767001.98	0.25612	0.77725	1.44E-03	1.70E-05	1.46E-03	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	2.0E-08	1.8E-07	4.2E-08	0.0E+00	0.0E+00	2.4E-07
143	UCART1	396816.15	3767001.98	396816.15, 3767001.98	0.33049	1.38081	1.86E-03	3.02E-05	1.89E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	2.3E-07	5.4E-08	0.0E+00	0.0E+00	3.1E-07
144	UCART1	396861.15	3767001.98	396861.15, 3767001.98	0.43217	2.71443	2.43E-03	5.93E-05	2.49E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.4E-08	3.1E-07	7.1E-08	0.0E+00	0.0E+00	4.1E-07
145	UCART1	396906.15	3767001.98	396906.15, 3767001.98	0.56674	6.57229	3.19E-03	1.44E-04	3.33E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	4.5E-08	4.1E-07	9.5E-08	0.0E+00	0.0E+00	5.5E-07
146	UCART1	396951.15	3767001.98	396951.15, 3767001.98	0.73407	6.29333	4.13E-03	1.38E-04	4.26E-03	1.5E-06	4.5E-06	2.6E-06	2.3E-06	1.1E-06	5.8E-08	5.3E-07	1.2E-07	0.0E+00	0.0E+00	7.0E-07
147	UCART1	396996.15	3767001.98	396996.15, 3767001.98	0.91072	4.60497	5.12E-03	1.01E-04	5.22E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	7.1E-08	6.4E-07	1.5E-07	0.0E+00	0.0E+00	8.6E-07
148	UCART1	397041.15	3767001.98	397041.15, 3767001.98	1.03393	2.34619	5.81E-03	5.13E-05	5.86E-03	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	8.0E-08	7.2E-07	1.7E-07	0.0E+00	0.0E+00	9.7E-07
149	UCART1	397086.15	3767001.98	397086.15, 3767001.98	1.06115	1.66701	5.96E-03	3.64E-05	6.00E-03	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	8.2E-08	7.4E-07	1.7E-07	0.0E+00	0.0E+00	9.9E-07
150	UCART1	397131.15	3767001.98	397131.15, 3767001.98	1.00902	1.31772	5.67E-03	2.88E-05	5.70E-03	2.0E-06	6.0E-06	3.4E-06	3.1E-06	1.4E-06	7.8E-08	7.0E-07	1.6E-07	0.0E+00	0.0E+00	9.4E-07
151	UCART1	397176.15	3767001.98	397176.15, 3767001.98	0.94291	1.11367	5.30E-03	2.43E-05	5.32E-03	1.8E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	7.2E-08	6.6E-07	1.5E-07	0.0E+00	0.0E+00	8.8E-07
152	UCART1	397221.15	3767001.98	397221.15, 3767001.98	0.85736	0.95999	4.82E-03	2.10E-05	4.84E-03	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	6.6E-08	6.0E-07	1.4E-07	0.0E+00	0.0E+00	8.0E-07
153	UCART1	397266.15	3767001.98	397266.15, 3767001.98	0.7617	0.84054	4.28E-03	1.84E-05	4.30E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.8E-08	5.3E-07	1.2E-07	0.0E+00	0.0E+00	7.1E-07
154	UCART1	397311.15	3767001.98	397311.15, 3767001.98	0.65688	0.73905	3.69E-03	1.62E-05	3.71E-03	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.3E-07	5.0E-08	4.6E-07	1.1E-07	0.0E+00	0.0E+00	6.1E-07
155	UCART1	397356.15	3767001.98	397356.15, 3767001.98	0.52119	0.62838	2.93E-03	1.37E-05	2.94E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.0E-08	3.6E-07	8.4E-08	0.0E+00	0.0E+00	4.9E-07
156	UCART1	397401.15	3767001.98	397401.15, 3767001.98	0.40383	0.55787	2.27E-03	1.22E-05	2.28E-03	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	3.1E-08	2.8E-07	6.5E-08	0.0E+00	0.0E+00	3.8E-07
157	UCART1	397446.15	3767001.98	397446.15, 3767001.98	0.37008	0.56512	2.08E-03	1.24E-05	2.09E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.8E-08	2.6E-07	6.0E-08	0.0E+00	0.0E+00	3.5E-07
158	UCART1	397491.15	3767001.98	397491.15, 3767001.98	0.29822	0.53195	1.68E-03	1.16E-05	1.69E-03	5.8E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	2.3E-08	2.1E-07	4.8E-08	0.0E+00	0.0E+00	2.8E-07
159	UCART1	397536.15	3767001.98	397536.15, 3767001.98	0.23848	0.50372	1.34E-03	1.10E-05	1.35E-03	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.8E-08	1.7E-07	3.9E-08	0.0E+00	0.0E+00	2.2E-07
160	UCART1	397581.15	3767001.98	397581.15, 3767001.98	0.19191	0.48173	1.08E-03	1.05E-05	1.09E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.5E-08	1.3E-07	3.1E-08	0.0E+00	0.0E+00	1.8E-07
161	UCART1	397626.15	3767001.98	397626.15, 3767001.98	0.15652	0.46313	8.80E-04	1.01E-05	8.90E-04	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.5E-07
162	UCART1	397671.15	3767001.98	397671.15, 3767001.98	0.12902	0.42491	7.25E-04	9.29E-06	7.34E-04	2.5E-07	7.7E-07	4.4E-07	4.0E-07	1.8E-07	1.0E-08	9.0E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
163	UCART1	397716.15	3767001.98	397716.15, 3767001.98	0.10646	0.33725	5.98E-04	7.37E-06	6.06E-04	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	8.2E-09	7.5E-08	1.7E-08	0.0E+00	0.0E+00	1.0E-07
164	UCART1	397761.15	3767001.98	397761.15, 3767001.98	0.09012	0.25462	5.07E-04	5.56E-06	5.12E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	6.3E-08	1.5E-08	0.0E+00	0.0E+00	8.5E-08
165	UCART1	397806.15	3767001.98	397806.15, 3767001.98	0.07655	0.18739	4.30E-04	4.10E-06	4.34E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	5.4E-08	1.2E-08	0.0E+00	0.0E+00	7.2E-08
166	UCART1	397851.15	3767001.98	397851.15, 3767001.98	0.06596	0.14159	3.71E-04	3.09E-06	3.74E-04	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	5.1E-09	4.6E-08	1.1E-08	0.0E+00	0.0E+00	6.2E-08
167	UCART1	397896.15	3767001.98	397896.15, 3767001.98	0.05801	0.11178	3.26E-04	2.44E-06	3.28E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.5E-09	4.0E-08	9.4E-09	0.0E+00	0.0E+00	5.4E-08
168	UCART1	397941.15	3767001.98	397941.15, 3767001.98	0.05154	0.09074	2.90E-04	1.98E-06	2.92E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	3.6E-08	8.3E-09	0.0E+00	0.0E+00	4.8E-08
169	UCART1	396456.15	3767046.98	396456.15, 3767046.98	0.07006	0.08767	3.94E-04	1.92E-06	3.96E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	5.4E-09	4.9E-08	1.1E-08	0.0E+00	0.0E+00	6.5E-08
170	UCART1	396501.15	3767046.98	396501.15, 3767046.98	0.08109	0.10529	4.56E-04	2.30E-06	4.58E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	6.2E-09	5.6E-08	1.3E-08	0.0E+00	0.0E+00	7.6E-08
171	UCART1	396546.15	3767046.98	396546.15, 3767046.98	0.09515	0.12922	5.35E-04	2.82E-06	5.38E-04	1.9E-07	5.6E-07	3.3E-07	2.9E-07	1.3E-07	7.3E-09	6.6E-08	1.5E-08	0.0E+00	0.0E+00	8.9E-08
172	UCART1	396591.15	3767046.98	396591.15, 3767046.98	0.11327	0.16281	6.37E-04	3.56E-06	6.40E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.7E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
173	UCART1	396636.15	3767046.98	396636.15, 3767046.98	0.13735	0.21175	7.72E-04	4.63E-06	7.77E-04	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	1.1E-08	9.6E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
174	UCART1	396681.15	3767046.98	396681.15, 3767046.98	0.17034	0.28633	9.57E-04	6.26E-06	9.64E-04	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
175	UCART1	396726.15	3767046.98	396726.15, 3767046.98	0.21658	0.40545	1.22E-03	8.86E-06	1.23E-03	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.7E-08	1.5E-07	3.5E-08	0.0E+00	0.0E+00	2.0E-07
176	UCART1	396771.15	3767046.98	396771.15, 3767046.98	0.28337	0.60555	1.59E-03	1.32E-05	1.61E-03	5.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.7E-07
177	UCART1	396816.15	3767046.98	396816.15, 3767046.98	0.38342	0.95293	2.16E-03	2.08E-05	2.18E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	3.0E-08	2.7E-07	6.2E-08	0.0E+00	0.0E+00	3.6E-07
178	UCART1	396861.15	3767046.98	396861.15, 3767046.98	0.53745	1.576	3.02E-03	3.44E-05	3.06E-03	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	4.2E-08	3.8E-07	8.7E-08	0.0E+00	0.0E+00	5.1E-07
179	UCART1	396906.15	3767046.98	396906.15, 3767046.98	0.7824	2.79435	4.40E-03	6.11E-05	4.46E-03	1.5E-06	4.7E-06	2.7E-06	2.4E-06	1.1E-06	6.1E-08	5.5E-07	1.3E-07	0.0E+00	0.0E+00	7.4E-07
180	UCART1	396951.15	3767046.98	396951.15, 3767046.98	1.17143	6.26337	6.58E-03	1.37E-04	6.72E-03	2.3E-06	7.0E-06	4.1E-06	3.7E-06	1.7E-06	9.1E-08	8.3E-07	1.9E-07	0.0E+00	0.0E+00	1.1E-06
181	UCART1	396996.15	3767046.98	396996.15, 3767046.98	1.71825	6.46265	9.66E-03	1.41E-04	9.80E-03	3.4E-06	1.0E-05	5.9E-06	5.4E-06	2.5E-06	1.3E-07	1.2E-06	2.8E-07	0.0E+00	0.0E+00	1.6E-06
182	UCART1	397041.15	3767046.98	397041.15, 3767046.98	2.10736	6.1738	1.18E-02	1.35E-04	1.20E-02	4.1E-06	1.3E-05	7.2E-06	6.6E-06	3.0E-06	1.6E-07	1.5E-06	3.4E-07	0.0E+00	0.0E+00	2.0E-06
183	UCART1	397086.15	3767046.98	397086.15, 3767046.98	2.06345	3.85952	1.16E-02	8.44E-05	1.17E-02	4.0E-06	1.2E-05	7.1E-06	6.4E-06	2.9E-06	1.6E-07	1.4E-06	3.3E-07	0.0E+00	0.0E+00	1.9E-06
184	UCART1	397131.15	3767046.98	397131.15, 3767046.98	1.86296	2.76792	1.05E-02	6.05E-05	1.05E-02	3.6E-06	1.1E-05	6.4E-06	5.8E-06	2.6E-06	1.4E-07	1.3E-06	3.0E-07	0.0E+00	0.0E+00	1.7E-06
185	UCART1	397176.15	3767046.98	397176.15, 3767046.98	1.655	2.16402	9.30E-03	4.73E-05	9.35E-03	3.2E-06	9.8E-06	5.7E-06	5.1E-06	2.3E-06	1.3E-07	1.2E-06	2.7E-07	0.0E+00	0.0E+00	1.5E-06
186	UCART1	397221.15	3767046.98	397221.15, 3767046.98	1.44938	1.74544	8.15E-03	3.81E-05	8.18E-03	2.8E-06	8.6E-06	5.0E-06	4.5E-06	2.0E-06	1.1E-07	1.0E-06	2.3E-07	0.0E+00	0.0E+00	1.4E-06
187	UCART1	397266.15	3767046.98	397266.15, 3767046.98	1.24456	1.44102	7.00E-03	3.15E-05	7.03E-03	2.4E-06	7.3E-06	4.3E-06	3.9E-06	1.8E-06	9.6E-08	8.7E-07	2.0E-07	0.0E+00	0.0E+00	1.2E-06
188	UCART1	397311.15	3767046.98	397311.15, 3767046.98	1.04157	1.20888	5.85E-03	2.64E-05	5.88E-03	2.0E-06	6.1E-06	3.6E-06	3.2E-06	1.5E-06	8.0E-08	7.2E-07	1.7E-07	0.0E+00	0.0E+00	9.7E-07
189	UCART1	397356.15	3767046.98	397356.15, 3767046.98	0.84305	1.04426	4.74E-03	2.28E-05	4.76E-03	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-08	5.9E-07	1.4E-07	0.0E+00	0.0E+00	7.9E-07
190	UCART1	397401.15	3767046.98	397401.15, 3767046.98	0.58297	0.86031	3.28E-03	1.88E-05	3.30E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.5E-08	4.1E-07	9.4E-08	0.0E+00	0.0E+00	5.4E-07
191	UCART1	397446.15	3767046.98	397446.15, 3767046.98	0.48364	0.8543	2.72E-03	1.87E-05	2.74E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.8E-07	3.7E-08	3.4E-07	7.8E-08	0.0E+00	0.0E+00	4.5E-07
192	UCART1	397491.15	3767046.98	397491.15, 3767046.98	0.38524	0.82216	2.17E-03	1.80E-05	2.18E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	2.7E-07	6.2E-08	0.0E+00	0.0E+00	3.6E-07
193	UCART1	397536.15	3767046.98	397536.15, 3767046.98	0.29229	0.78409	1.64E-03	1.71E-05	1.66E-03	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	2.3E-08	2.0E-07	4.7E-08	0.0E+00	0.0E+00	2.7E-07
194	UCART1	397581.15	3767046.98	397581.15, 3767046.98	0.22553	0.77943	1.27E-03	1.70E-05	1.28E-03	4.4E-07	1.3E-06	7.8E-07	7.0E-07	3.2E-07	1.7E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.1E-07
195	UCART1	397626.15	3767046.98	397626.15, 3767046.98	0.17832	0.82152	1.00E-03	1.80E-05	1.02E-03	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.4E-08	1.3E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
196	UCART1	397671.15	3767046.98	397671.15, 3767046.98	0.1436	0.85707	8.07E-04	1.87E-05	8.26E-04	2.9E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
197	UCART1	397716.15	3767046.98	397716.15, 3767046.98	0.11756	0.63205	6.61E-04	1.38E-05	6.75E-04	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	9.2E-09	8.3E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
198	UCART1	397761.15	3767046.98	397761.15, 3767046.98	0.09681	0.37028	5.44E-04	8.09E-06	5.52E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	7.5E-09	6.8E-08	1.6E-08	0.0E+00	0.0E+00	9.1E-08
199	UCART1	397806.15	3767046.98	397806.15, 3767046.98	0.08116	0.23667	4.56E-04	5.17E-06	4.61E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	5.7E-08	1.3E-08	0.0E+00	0.0E+00	7.6E-08
200	UCART1	397851.15	3767046.98	397851.15, 3767046.98	0.06952	0.16654	3.91E-04	3.64E-06	3.94E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	5.4E-09	4.9E-08	1.1E-08	0.0E+00	0.0E+00	6.5E-08
201	UCART1	397896.15	3767046.98	397896.15, 3767046.98	0.06087	0.1265	3.42E-04	2.76E-06	3.45E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.7E-09	4.2E-08	9.8E-09	0.0E+00	0.0E+00	5.7E-08
202	UCART1	397941.15	3767046.98	397941.15, 3767046.98	0.05361	0.09949	3.01E-04	2.17E-06	3.03E-04	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	3.7E-08	8.7E-09	0.0E+00	0.0E+00	5.0E-08
203	UCART1	396456.15	3767091.98	396456.15, 3767091.98	0.07022	0.0838	3.95E-04	1.83E-06	3.97E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	5.4E-09	4.9E-08	1.1E-08	0.0E+00	0.0E+00	6.6E-08
204	UCART1	396501.15	3767091.98	396501.15, 3767091.98	0.0815	0.09975	4.58E-04	2.18E-06	4.60E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	5.7E-08	1.3E-08	0.0E+00	0.0E+00	7.6E-08
205	UCART1	396546.15	3767091.98	396546.15, 3767091.98	0.09589	0.1211	5.39E-04	2.65E-06	5.42E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	6.7E-08	1.5E-08	0.0E+00	0.0E+00	9.0E-08
206	UCART1	396591.15	3767091.98	396591.15, 3767091.98	0.11483	0.15027	6.45E-04	3.28E-06	6.49E-04	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	8.8E-09	8.0E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
207	UCART1	396636.15	3767091.98	396636.15, 3767091.98	0.14018	0.19162	7.88E-04	4.19E-06	7.92E-04	2.7E-07	8.3E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	9.8E-08	2.3E-08	0.0E+00	0.0E+00	1.3E-07
208	UCART1	396681.15	3767091.98	396681.15, 3767091.98	0.17527	0.25183	9.85E-04	5.50E-06	9.91E-04	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
209	UCART1	396726.15	3767091.98	396726.15, 3767091.98	0.22661	0.34218	1.27E-03	7.48E-06	1.28E-03	4.4E-07	1.3E-06	7.8E-07	7.0E-07	3.2E-07	1.7E-08	1.6E-07	3.7E-08	0.0E+00

254	UCART1	397716.15	3767136.98	397716.15, 3767136.98	0.13882	2.45294	7.80E-04	5.36E-05	8.34E-04	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
255	UCART1	397761.15	3767136.98	397761.15, 3767136.98	0.11364	0.76616	6.39E-04	1.67E-05	6.55E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.6E-07	8.9E-09	8.1E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
256	UCART1	397806.15	3767136.98	397806.15, 3767136.98	0.09326	0.373	5.24E-04	8.15E-06	5.32E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	6.6E-08	1.5E-08	0.0E+00	0.0E+00	8.8E-08
257	UCART1	397851.15	3767136.98	397851.15, 3767136.98	0.07822	0.2289	4.40E-04	5.00E-06	4.45E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	5.5E-08	1.3E-08	0.0E+00	0.0E+00	7.4E-08
258	UCART1	397896.15	3767136.98	397896.15, 3767136.98	0.06791	0.16234	3.82E-04	3.55E-06	3.85E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	4.7E-08	1.1E-08	0.0E+00	0.0E+00	6.4E-08
259	UCART1	397941.15	3767136.98	397941.15, 3767136.98	0.05542	0.11378	3.11E-04	2.49E-06	3.14E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	3.9E-08	9.0E-09	0.0E+00	0.0E+00	5.2E-08
260	UCART1	396456.15	3767181.98	396456.15, 3767181.98	0.06918	0.07427	3.89E-04	1.62E-06	3.90E-04	1.4E-07	4.1E-07	2.4E-07	2.1E-07	9.8E-08	5.3E-09	4.8E-08	1.1E-08	0.0E+00	0.0E+00	6.5E-08
261	UCART1	396501.15	3767181.98	396501.15, 3767181.98	0.08027	0.08702	4.51E-04	1.90E-06	4.53E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.2E-09	5.6E-08	1.3E-08	0.0E+00	0.0E+00	7.5E-08
262	UCART1	396546.15	3767181.98	396546.15, 3767181.98	0.09454	0.10205	5.31E-04	2.23E-06	5.34E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.3E-09	6.6E-08	1.5E-08	0.0E+00	0.0E+00	8.8E-08
263	UCART1	396591.15	3767181.98	396591.15, 3767181.98	0.11335	0.12255	6.37E-04	2.68E-06	6.40E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.7E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
264	UCART1	396636.15	3767181.98	396636.15, 3767181.98	0.13893	0.15248	7.81E-04	3.33E-06	7.84E-04	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	1.1E-08	9.7E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
265	UCART1	396681.15	3767181.98	396681.15, 3767181.98	0.17493	0.19059	9.83E-04	4.17E-06	9.87E-04	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
266	UCART1	396726.15	3767181.98	396726.15, 3767181.98	0.22761	0.24875	1.28E-03	5.44E-06	1.28E-03	4.4E-07	1.3E-06	7.8E-07	7.0E-07	3.2E-07	1.7E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.1E-07
267	UCART1	396771.15	3767181.98	396771.15, 3767181.98	0.31135	0.32264	1.75E-03	7.05E-06	1.76E-03	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.4E-08	2.2E-07	5.0E-08	0.0E+00	0.0E+00	2.9E-07
268	UCART1	396816.15	3767181.98	396816.15, 3767181.98	0.45781	0.42113	2.57E-03	9.20E-06	2.58E-03	8.9E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.5E-08	3.2E-07	7.4E-08	0.0E+00	0.0E+00	4.3E-07
269	UCART1	396861.15	3767181.98	396861.15, 3767181.98	0.75789	0.54899	4.26E-03	1.20E-05	4.27E-03	1.5E-06	4.5E-06	2.6E-06	2.3E-06	1.1E-06	5.8E-08	5.3E-07	1.2E-07	0.0E+00	0.0E+00	7.1E-07
270	UCART1	396906.15	3767181.98	396906.15, 3767181.98	1.59541	0.71345	8.97E-03	1.56E-05	8.98E-03	3.1E-06	9.4E-06	5.4E-06	4.9E-06	2.2E-06	1.2E-07	1.1E-06	2.6E-07	0.0E+00	0.0E+00	1.5E-06
271	UCART1	397446.15	3767181.98	397446.15, 3767181.98	2.09367	6.72519	1.18E-02	1.47E-04	1.19E-02	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	1.6E-07	1.5E-06	3.4E-07	0.0E+00	0.0E+00	2.0E-06
272	UCART1	397491.15	3767181.98	397491.15, 3767181.98	0.8282	7.61297	4.65E-03	1.66E-04	4.82E-03	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.6E-08	5.9E-07	1.4E-07	0.0E+00	0.0E+00	8.0E-07
273	UCART1	397536.15	3767181.98	397536.15, 3767181.98	0.49554	5.51289	2.79E-03	1.20E-04	2.91E-03	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	4.0E-08	3.6E-07	8.3E-08	0.0E+00	0.0E+00	4.8E-07
274	UCART1	397581.15	3767181.98	397581.15, 3767181.98	0.33596	5.2993	1.89E-03	1.16E-04	2.00E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	2.5E-07	5.7E-08	0.0E+00	0.0E+00	3.3E-07
275	UCART1	397626.15	3767181.98	397626.15, 3767181.98	0.24738	5.0002	1.39E-03	1.09E-04	1.50E-03	5.2E-07	1.6E-06	9.1E-07	8.2E-07	3.8E-07	2.0E-08	1.8E-07	4.3E-08	0.0E+00	0.0E+00	2.5E-07
276	UCART1	397671.15	3767181.98	397671.15, 3767181.98	0.18838	4.50181	1.06E-03	9.84E-05	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
277	UCART1	397716.15	3767181.98	397716.15, 3767181.98	0.14891	1.73003	8.37E-04	3.78E-05	8.75E-04	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.4E-07
278	UCART1	397761.15	3767181.98	397761.15, 3767181.98	0.12145	0.78057	6.83E-04	1.71E-05	7.00E-04	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.8E-07	9.5E-09	8.6E-08	2.0E-08	0.0E+00	0.0E+00	1.2E-07
279	UCART1	397806.15	3767181.98	397806.15, 3767181.98	0.1005	0.42209	5.65E-04	9.23E-06	5.74E-04	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	7.8E-09	7.1E-08	1.6E-08	0.0E+00	0.0E+00	9.5E-08
280	UCART1	397851.15	3767181.98	397851.15, 3767181.98	0.0845	0.26338	4.75E-04	5.76E-06	4.81E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	5.9E-08	1.4E-08	0.0E+00	0.0E+00	7.9E-08
281	UCART1	397896.15	3767181.98	397896.15, 3767181.98	0.07174	0.18067	4.03E-04	3.95E-06	4.07E-04	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	5.5E-09	5.0E-08	1.2E-08	0.0E+00	0.0E+00	6.7E-08
282	UCART1	397941.15	3767181.98	397941.15, 3767181.98	0.05824	0.12572	3.27E-04	2.75E-06	3.30E-04	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	4.5E-09	4.1E-08	9.4E-09	0.0E+00	0.0E+00	5.5E-08
283	UCART1	396456.15	3767226.98	396456.15, 3767226.98	0.068	0.06925	3.82E-04	1.51E-06	3.84E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	4.7E-08	1.1E-08	0.0E+00	0.0E+00	6.3E-08
284	UCART1	396501.15	3767226.98	396501.15, 3767226.98	0.07876	0.07976	4.43E-04	1.74E-06	4.44E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	5.5E-08	1.3E-08	0.0E+00	0.0E+00	7.3E-08
285	UCART1	396546.15	3767226.98	396546.15, 3767226.98	0.09255	0.09327	5.20E-04	2.04E-06	5.22E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.1E-09	6.4E-08	1.5E-08	0.0E+00	0.0E+00	8.6E-08
286	UCART1	396591.15	3767226.98	396591.15, 3767226.98	0.11065	0.1108	6.22E-04	2.42E-06	6.24E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	7.7E-08	1.8E-08	0.0E+00	0.0E+00	1.0E-07
287	UCART1	396636.15	3767226.98	396636.15, 3767226.98	0.13516	0.13476	7.60E-04	2.95E-06	7.63E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	9.4E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
288	UCART1	396681.15	3767226.98	396681.15, 3767226.98	0.16934	0.16473	9.52E-04	3.60E-06	9.55E-04	3.3E-07	1.0E-06	5.8E-07	5.2E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
289	UCART1	396726.15	3767226.98	396726.15, 3767226.98	0.2194	0.21338	1.23E-03	4.66E-06	1.24E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.7E-08	1.5E-07	3.5E-08	0.0E+00	0.0E+00	2.0E-07
290	UCART1	396771.15	3767226.98	396771.15, 3767226.98	0.29643	0.27028	1.67E-03	5.91E-06	1.67E-03	5.8E-07	1.7E-06	1.0E-06	9.2E-07	4.2E-07	2.3E-08	2.1E-07	4.8E-08	0.0E+00	0.0E+00	2.8E-07
291	UCART1	396816.15	3767226.98	396816.15, 3767226.98	0.42721	0.34211	2.40E-03	7.48E-06	2.41E-03	8.3E-07	2.5E-06	1.5E-06	1.3E-06	6.0E-07	3.3E-08	3.0E-07	6.9E-08	0.0E+00	0.0E+00	4.0E-07
292	UCART1	396861.15	3767226.98	396861.15, 3767226.98	0.6778	0.42664	3.81E-03	9.32E-06	3.82E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	5.2E-08	4.7E-07	1.1E-07	0.0E+00	0.0E+00	6.3E-07
293	UCART1	396906.15	3767226.98	396906.15, 3767226.98	1.22951	0.53376	6.91E-03	1.17E-05	6.92E-03	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	9.4E-08	8.5E-07	2.0E-07	0.0E+00	0.0E+00	1.1E-06
294	UCART1	396951.15	3767226.98	396951.15, 3767226.98	2.67472	0.64502	1.50E-02	1.41E-05	1.50E-02	5.2E-06	1.6E-05	9.1E-06	8.3E-06	3.8E-06	2.0E-07	1.9E-06	4.3E-07	0.0E+00	0.0E+00	2.5E-06
295	UCART1	397446.15	3767226.98	397446.15, 3767226.98	1.82602	2.3982	1.03E-02	5.24E-05	1.03E-02	3.6E-06	1.1E-05	6.2E-06	5.7E-06	2.6E-06	1.4E-07	1.3E-06	2.9E-07	0.0E+00	0.0E+00	1.7E-06
296	UCART1	397491.15	3767226.98	397491.15, 3767226.98	0.86578	2.72028	4.87E-03	5.95E-05	4.93E-03	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	6.7E-08	6.1E-07	1.4E-07	0.0E+00	0.0E+00	8.1E-07
297	UCART1	397536.15	3767226.98	397536.15, 3767226.98	0.54041	3.15075	3.04E-03	6.89E-05	3.11E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.8E-07	4.2E-08	3.8E-07	8.9E-08	0.0E+00	0.0E+00	5.1E-07
298	UCART1	397581.15	3767226.98	397581.15, 3767226.98	0.37134	3.13556	2.09E-03	6.85E-05	2.16E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.9E-08	2.7E-07	6.1E-08	0.0E+00	0.0E+00	3.6E-07
299	UCART1	397626.15	3767226.98	397626.15, 3767226.98	0.26765	2.79956	1.50E-03	6.12E-05	1.57E-03	5.4E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	2.1E-08	1.9E-07	4.5E-08	0.0E+00	0.0E+00	2.6E-07
300	UCART1	397671.15	3767226.98	397671.15, 3767226.98	0.20095	2.02892	1.13E-03	4.43E-05	1.17E-03	4.1E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
301	UCART1	397716.15	3767226.98	397716.15, 3767226.98	0.15746	1.20468	8.85E-04	2.63E-05	9.11E-04	3.2E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	1.2E-08	1.1E-07	2.6E-08	0.0E+00	0.0E+00	1.5E-07
302	UCART1	397761.15	3767226.98	397761.15, 3767226.98	0.12841	0.69598	7.22E-04	1.52E-05	7.37E-04	2.6E-07	7.7E-07	4.5E-07	4.0E-07	1.8E-07	1.0E-08	9.1E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
303	UCART1	397806.15	3767226.98	397806.15, 3767226.98	0.10658	0.42426	5.99E-04	9.27E-06	6.08E-04	2.1E-07	6.4E-07	3.7E-07	3.3E-07	1.5E-07	8.3E-09	7.5E-08	1.7E-08	0.0E+00	0.0E+00	1.0E-07
304	UCART1	397851.15	3767226.98	397851.15, 3767226.98	0.08911	0.27801	5.01E-04	6.08E-06	5.07E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	6.2E-08	1.4E-08	0.0E+00	0.0E+00	8.4E-08
305	UCART1	397896.15	3767226.98	397896.15, 3767226.98	0.07581	0.19513	4.26E-04	4.26E-06	4.30E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	5.3E-08	1.2E-08	0.0E+00	0.0E+00	7.1E-08
306	UCART1	397941.15	3767226.98	397941.15, 3767226.98	0.06477	0.14355	3.64E-04	3.14E-06	3.67E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	5.0E-09	4.5E-08	1.0E-08	0.0E+00	0.0E+00	6.1E-08
307	UCART1	396456.15	3767271.98	396456.15, 3767271.98	0.06358	0.06077	3.57E-04	1.33E-06	3.59E-04	1.2E-07	3.7E-07	2.2E-07	2.0E-07	9.0E-08	4.9E-09	4.4E-08	1.0E-08	0.0E+00	0.0E+00	5.9E-08
308	UCART1	396501.15	3767271.98	396501.15, 3767271.98	0.0728	0.06941	4.09E-04	1.52E-06	4.11E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	5.1E-08	1.2E-08	0.0E+00	0.0E+00	6.8E-08
309	UCART1	396546.15	3767271.98	396546.15, 3767271.98	0.0847	0.08036	4.76E-04	1.76E-06	4.78E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	5.9E-08	1.4E-08	0.0E+00	0.0E+00	7.9E-08
310	UCART1	396591.15	3767271.98	396591.15, 3767271.98	0.10316	0.09678	5.80E-04	2.12E-06	5.82E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	7.9E-09	7.2E-08	1.7E-08	0.0E+00	0.0E+00	9.6E-08
311	UCART1	396636.15	3767271.98	396636.15, 3767271.98	0.12545	0.11575	7.05E-04	2.53E-06	7.08E-04	2.4E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	9.6E-09	8.7E-08	2.0E-08	0.0E+00	0.0E+00	1.2E-07
312	UCART1	396681.15	3767271.98	396681.15, 3767271.98	0.15801	0.14175	8.88E-04	3.10E-06	8.91E-04	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.5E-07
313	UCART2	396726.15	3767271.98	396726.15, 3767271.98	0.20539	0.17714	1.15E-03	3.87E-06	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
314	UCART3	396771.15	3767271.98	396771.15, 3767271.98	0.27425	0.22885	1.54E-03	5.00E-06	1.55E-03	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	2.1E-08	1.9E-07	4.4E-08	0.0E+00	0.0E+00	2.6E-07
315	UCART4	396816.15	3767271.98	396816.15, 3767271.98	0.38219	0.28314	2.15E-03	6.19E-06	2.15E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.9E-08	2.7E-07	6.1E-08	0.0E+00	0.0E+00	3.6E-07
316	UCART5	396861.15	3767271.98	396861.15, 3767271.98	0.56985	0.34747	3.20E-03	7.59E-06	3.21E-03	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.0E-07	4.4E-08	4.0E-07	9.2E-08	0.0E+00	0.0E+00	5.3E-07
317	UCART6	396906.15	3767271.98	396906.15, 3767271.98	0.83114	0.39726	4.67E-03	8.68E-06	4.68E-03	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	6.4E-08	5.8E-07	1.3E-07	0.0E+00	0.0E+00	7.7E-07
318	UCART7	396951.15	3767271.98	396951.15, 3767271.98	1.34625	0.46546	7.57E-03	1.02E-05	7.58E-03	2.6E-06	7.9E-06	4.6E-06	4.2E-06	1.9E-06	1.0E-07	9.3E-07	2.2E-07	0.0E+00	0.0E+00	1.3E-06
319	UCART8	397311.15	3767271.98	397311.15, 3767271.98	8.5242	1.24966	4.79E-02	2.73E-05	4.79E-02	1.7E-05	5.0E-05	2.9E-05	2.6E-05	1.2E-05	6.5E-07	5.9E-06	1.4E-06	0.0E+00	0.0E+00	7.9E-06
320	UCART9	397356.15	3767271.98	397356.15, 3767271.98	4.93824	1.27693	2.78E-02	2.79E-05	2.78E-02	9.6E-06	2.9E-05	1.7E-05	1.5E-05	7.0E-06	3.8E-07	3.4E-06	7.9E-07	0.0E+00	0.0E+00	4.6E-06
321	UCART10	397401.15	3767271.98	397401.15, 3767271.98	2.23463	1.14731	1.26E-02	2.51E-05	1.26E-02	4.4E-06	1.3E-05	7.6E-06	6.9E-06	3.1E-06	1.7E-07	1.6E-06	3.6E-07	0.0E+00	0.0E+00	2.1E-06
322	UCART11	397446.15	3767271.98	397446.15, 3767271.98	1.30054	1.17832	7.31E-03	2.58E-05	7.34E-03	2.5E-06	7.7E-06	4.4E-06	4.0E-06	1.8E-06	1.0E-07	9.0E-07	2.1E-07	0.0E+00	0.0E+00	1.2E-06
323	UCART12	397491.15	3767271.98	397491.15, 3767271.98	0.81966	1.33406	4.61E-03	2.92E-05	4.64E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.2E-06	6.3E-08	5.7E-07	1.3E-07	0.0E+00	0.0E+00	7.7E-07
324	UCART13	397536.15	3767271.98	397536.15, 3767271.98	0.52703	1.44234	2.96E-03	3.15E-05	2.99E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	4.1E-08	3.7E-07	8.5E-08	0.0E+00	0.0E+00	4.9E-07
325	UCART14	397581.15	3767271.98	397581.15, 3767271.98	0.35119	1.42069	1.97E-03	3.11E-05	2.00E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	2.5E-07	5.7E-08	0.0E+00	0.0E+00	3.3E-07
326	UCART15	397626.15	3767271.98	397626.15, 3767271.98	0.25987	1.37275	1.46E-03	3.00E-05	1.49E-03	5.2E-07	1.6E-06	9.0E-07	8.2E-07	3.7E-07	2.0E-08	1.8E-07	4.3E-08	0.0E+00	0.0E+00	2.5E-07
327	UCART16	397671.15	3767271.98	397671.15, 3767271.98	0.21104	1.18998	1.19E-03	2.60E-05	1.21E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.6E-08	1.5E-07	3.5E-08	0.0E+00	0.0E+00	2.0E-07
328	UCART17	397716.15	3767271.98	397716.15, 3767271.98	0.16564	0.8615	9.31E-04	1.88E-05	9.50E-04	3.3E-07	9.9E-07	5.7E-07	5.2E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
329	UCART18	397761.15	3767271.98	397761.15, 3767271.98	0.13555	0.58729	7.62E-04	1.28E-05	7.75E-04	2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	1.1E-08	9.5E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
330	UCART19	397806.15	3767271.98	397806.15, 3767271.98	0.11262	0.39911	6.33E-04	8.72E-06	6.42E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.7E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
331	UCART20	397851.15	3767271.98	397851.15, 3767271.98	0.09392	0.27835	5.28E-04	6.08E-06	5.34E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.3E-09	6.6E-08	1.5E-08	0.0E+00	0.0E+00	8.8E-08
332	UCART21	397896.15	3767271.98	397896.15, 3767271.98	0.07922	0.20115	4.45E-04	4.40E-06	4.50E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	5.5E-08	1.3E-08	0.0E+00	0.0E+00	7.4E-08
333	UCART22	397941.15	3767271.98	397941.15, 3767271.98	0.06789	0.15118	3.82E-04	3.30E-06	3.85E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	4.7E-08	1.1E-08	0.0E+00	0.0E+00	6.4E-08
334	UCART23	396456.15	3767316.98	396456.15, 3767316.98	0.05715	0.05383	3.21E-04	1.18E-06	3.22E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	4.0E-08	9.2E-09	0.0E+00	0.0E+00	5.3E-08
335	UCART24	396501.15	3767316.98	396501.15, 3767316.98	0.06346	0.05964	3.57E-04	1.30E-06	3.58E-04	1.2E-07	3.7E-07	2.2E-07	2.0E-07	9.0E-08	4.9E-09	4.4E-08	1.0E-08	0.0E+00	0.0E+00	5.9E-08
336	UCART25	396546.15	3767316.98	396546.15, 3767316.98	0.07092	0.06649	3.99E-04	1.45E-06	4.00E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.4E-09	4.9E-08	1.1E-08	0.0E+00	0.0E+00	6.6E-08
337	UCART26	396591.15	3767316.98	396591.15, 3767316.98	0.08331	0.07734	4.68E-04	1.69E-06	4.70E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	6.4E-09	5.8E-08	1.3E-08	0.0E+00	0.0E+00	7.8E-08
338	UCART27	396636.15	3767316.98	396636.15, 3767316.98	0.10333	0.09384	5.81E-04	2.05E-06	5.83E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	7.9E-09	7.2E-08	1.7E-08	0.0E+00	0.0E+00	9.6E-08
339	UCART28	396681.15	3767316.98	396681.15, 3767316.98	0.13496	0.11796	7.59E-04	2.58E-06	7.61E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	9.4E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
340	UCART29	396726.15	3767316.98	396726.15, 3767316.98	0.1755	0.14568	9.86E-04	3.18E-06	9.90E-04	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
341	UCART30	396771.15	3767316.98	396771.15, 3767316.98	0.24882	0.1951	1.40E-03	4.26E-06	1.40E-03	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.9E-08	1.7

CONSTRUCTION RISK (UNMITIGATED)

386	UCART75	397536.15	3767361.98	397536.15, 3767361.98	0.4668	0.59318	2.62E-03	1.30E-05	2.64E-03	9.1E-07	2.8E-06	1.6E-06	1.4E-06	6.6E-07	3.6E-08	3.2E-07	7.5E-08	0.0E+00	0.0E+00	4.4E-07
387	UCART76	397581.15	3767361.98	397581.15, 3767361.98	0.3429	0.58486	1.93E-03	1.28E-05	1.94E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.6E-08	2.4E-07	5.5E-08	0.0E+00	0.0E+00	3.2E-07
388	UCART77	397626.15	3767361.98	397626.15, 3767361.98	0.25711	0.55593	1.45E-03	1.22E-05	1.46E-03	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	2.0E-08	1.8E-07	4.2E-08	0.0E+00	0.0E+00	2.4E-07
389	UCART78	397671.15	3767361.98	397671.15, 3767361.98	0.20065	0.5127	1.13E-03	1.12E-05	1.14E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.9E-07	1.5E-08	1.4E-07	3.2E-08	0.0E+00	0.0E+00	1.9E-07
390	UCART79	397716.15	3767361.98	397716.15, 3767361.98	0.17169	0.47838	9.65E-04	1.05E-05	9.75E-04	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.4E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
391	UCART80	397761.15	3767361.98	397761.15, 3767361.98	0.14141	0.39358	7.95E-04	8.60E-06	8.03E-04	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	1.1E-08	9.9E-08	2.3E-08	0.0E+00	0.0E+00	1.3E-07
392	UCART81	397806.15	3767361.98	397806.15, 3767361.98	0.11295	0.30178	6.35E-04	6.60E-06	6.41E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.7E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
393	UCART82	397851.15	3767361.98	397851.15, 3767361.98	0.09748	0.24102	5.48E-04	5.27E-06	5.53E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	7.5E-09	6.8E-08	1.6E-08	0.0E+00	0.0E+00	9.1E-08
394	UCART83	397896.15	3767361.98	397896.15, 3767361.98	0.08309	0.18941	4.67E-04	4.14E-06	4.71E-04	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	6.4E-09	5.8E-08	1.3E-08	0.0E+00	0.0E+00	7.8E-08
395	UCART84	397941.15	3767361.98	397941.15, 3767361.98	0.07081	0.14924	3.98E-04	3.26E-06	4.01E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.5E-09	4.9E-08	1.1E-08	0.0E+00	0.0E+00	6.6E-08
396	UCART85	396456.15	3767406.98	396456.15, 3767406.98	0.05314	0.04843	2.99E-04	1.06E-06	3.00E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	4.1E-09	3.7E-08	8.5E-09	0.0E+00	0.0E+00	5.0E-08
397	UCART86	396501.15	3767406.98	396501.15, 3767406.98	0.05701	0.0519	3.20E-04	1.13E-06	3.22E-04	1.1E-07	3.4E-07	1.9E-07	1.8E-07	8.0E-08	4.4E-09	4.0E-08	9.2E-09	0.0E+00	0.0E+00	5.3E-08
398	UCART87	396546.15	3767406.98	396546.15, 3767406.98	0.06313	0.05716	3.55E-04	1.25E-06	3.56E-04	1.2E-07	3.7E-07	2.2E-07	2.0E-07	8.9E-08	4.8E-09	4.4E-08	1.0E-08	0.0E+00	0.0E+00	5.9E-08
399	UCART88	396591.15	3767406.98	396591.15, 3767406.98	0.07481	0.06651	4.20E-04	1.45E-06	4.22E-04	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	5.7E-09	5.2E-08	1.2E-08	0.0E+00	0.0E+00	7.0E-08
400	UCART89	396636.15	3767406.98	396636.15, 3767406.98	0.09492	0.08142	5.33E-04	1.78E-06	5.35E-04	1.9E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.3E-09	6.6E-08	1.5E-08	0.0E+00	0.0E+00	8.8E-08
401	UCART90	396681.15	3767406.98	396681.15, 3767406.98	0.12191	0.09966	6.85E-04	2.18E-06	6.87E-04	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	9.3E-09	8.5E-08	2.0E-08	0.0E+00	0.0E+00	1.1E-07
402	UCART91	396726.15	3767406.98	396726.15, 3767406.98	0.15593	0.12052	8.76E-04	2.63E-06	8.79E-04	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.5E-07
403	UCART92	396771.15	3767406.98	396771.15, 3767406.98	0.19843	0.14451	1.12E-03	3.16E-06	1.12E-03	3.9E-07	1.2E-06	6.8E-07	6.1E-07	2.8E-07	1.5E-08	1.4E-07	3.2E-08	0.0E+00	0.0E+00	1.8E-07
404	UCART93	396816.15	3767406.98	396816.15, 3767406.98	0.2541	0.17344	1.43E-03	3.79E-06	1.43E-03	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	1.9E-08	1.8E-07	4.1E-08	0.0E+00	0.0E+00	2.4E-07
405	UCART94	396861.15	3767406.98	396861.15, 3767406.98	0.33004	0.20123	1.85E-03	4.40E-06	1.86E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.7E-07	2.5E-08	2.3E-07	5.3E-08	0.0E+00	0.0E+00	3.1E-07
406	UCART95	396906.15	3767406.98	396906.15, 3767406.98	0.40772	0.22131	2.29E-03	4.84E-06	2.30E-03	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	3.1E-08	2.8E-07	6.6E-08	0.0E+00	0.0E+00	3.8E-07
407	UCART96	396951.15	3767406.98	396951.15, 3767406.98	0.50657	0.24405	2.85E-03	5.33E-06	2.85E-03	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.9E-08	3.5E-07	8.1E-08	0.0E+00	0.0E+00	4.7E-07
408	UCART97	396996.15	3767406.98	396996.15, 3767406.98	0.63096	0.2675	3.55E-03	5.85E-06	3.55E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.9E-07	4.8E-08	4.4E-07	1.0E-07	0.0E+00	0.0E+00	5.9E-07
409	UCART98	397041.15	3767406.98	397041.15, 3767406.98	0.75419	0.2872	4.24E-03	6.28E-06	4.25E-03	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	5.8E-08	5.2E-07	1.2E-07	0.0E+00	0.0E+00	7.0E-07
410	UCART99	397086.15	3767406.98	397086.15, 3767406.98	0.8967	0.30914	5.04E-03	6.76E-06	5.05E-03	1.7E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	6.9E-08	6.2E-07	1.4E-07	0.0E+00	0.0E+00	8.3E-07
411	UCART100	397131.15	3767406.98	397131.15, 3767406.98	1.11692	0.3412	6.28E-03	7.46E-06	6.29E-03	2.2E-06	6.6E-06	3.8E-06	3.4E-06	1.6E-06	8.5E-08	7.7E-07	1.8E-07	0.0E+00	0.0E+00	1.0E-06
412	UCART101	397176.15	3767406.98	397176.15, 3767406.98	1.39538	0.37648	7.84E-03	8.23E-06	7.85E-03	2.7E-06	8.2E-06	4.8E-06	4.3E-06	2.0E-06	1.1E-07	9.7E-07	2.2E-07	0.0E+00	0.0E+00	1.3E-06
413	UCART102	397221.15	3767406.98	397221.15, 3767406.98	1.63196	0.41189	9.17E-03	9.00E-06	9.18E-03	3.2E-06	9.6E-06	5.6E-06	5.0E-06	2.3E-06	1.2E-07	1.1E-06	2.6E-07	0.0E+00	0.0E+00	1.5E-06
414	UCART103	397266.15	3767406.98	397266.15, 3767406.98	1.69517	0.44356	9.53E-03	9.69E-06	9.54E-03	3.3E-06	1.0E-05	5.8E-06	5.2E-06	2.4E-06	1.3E-07	1.2E-06	2.7E-07	0.0E+00	0.0E+00	1.6E-06
415	UCART104	397311.15	3767406.98	397311.15, 3767406.98	1.53817	0.4618	8.65E-03	1.01E-05	8.66E-03	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.2E-06	1.2E-07	1.1E-06	2.5E-07	0.0E+00	0.0E+00	1.4E-06
416	UCART105	397356.15	3767406.98	397356.15, 3767406.98	1.27746	0.46801	7.18E-03	1.02E-05	7.19E-03	2.5E-06	7.5E-06	4.4E-06	3.9E-06	1.8E-06	9.8E-08	8.9E-07	2.1E-07	0.0E+00	0.0E+00	1.2E-06
417	UCART106	397401.15	3767406.98	397401.15, 3767406.98	0.96088	0.44969	5.40E-03	9.83E-06	5.41E-03	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	7.4E-08	6.7E-07	1.5E-07	0.0E+00	0.0E+00	8.9E-07
418	UCART107	397446.15	3767406.98	397446.15, 3767406.98	0.74947	0.45328	4.21E-03	9.91E-06	4.22E-03	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	5.7E-08	5.2E-07	1.2E-07	0.0E+00	0.0E+00	7.0E-07
419	UCART108	397491.15	3767406.98	397491.15, 3767406.98	0.57417	0.45599	3.23E-03	9.97E-06	3.24E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	4.4E-08	4.0E-07	9.2E-08	0.0E+00	0.0E+00	5.4E-07
420	UCART109	397536.15	3767406.98	397536.15, 3767406.98	0.43868	0.45705	2.47E-03	9.99E-06	2.48E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.4E-08	3.0E-07	7.1E-08	0.0E+00	0.0E+00	4.1E-07
421	UCART110	397581.15	3767406.98	397581.15, 3767406.98	0.33701	0.45166	1.89E-03	9.87E-06	1.90E-03	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.6E-08	2.3E-07	5.4E-08	0.0E+00	0.0E+00	3.1E-07
422	UCART111	397626.15	3767406.98	397626.15, 3767406.98	0.26134	0.43369	1.47E-03	9.48E-06	1.48E-03	5.1E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	2.0E-08	1.8E-07	4.2E-08	0.0E+00	0.0E+00	2.4E-07
423	UCART112	397671.15	3767406.98	397671.15, 3767406.98	0.20429	0.39774	1.15E-03	8.69E-06	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
424	UCART113	397716.15	3767406.98	397716.15, 3767406.98	0.16429	0.35407	9.23E-04	7.74E-06	9.31E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.3E-08	1.1E-07	2.7E-08	0.0E+00	0.0E+00	1.5E-07
425	UCART114	397761.15	3767406.98	397761.15, 3767406.98	0.14408	0.3248	8.10E-04	7.10E-06	8.17E-04	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	1.1E-08	1.0E-07	2.3E-08	0.0E+00	0.0E+00	1.4E-07
426	UCART115	396456.15	3767451.98	396456.15, 3767451.98	0.04956	0.04482	2.79E-04	9.80E-07	2.80E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.8E-09	3.4E-08	8.0E-09	0.0E+00	0.0E+00	4.6E-08
427	UCART116	396501.15	3767451.98	396501.15, 3767451.98	0.05346	0.04822	3.00E-04	1.05E-06	3.02E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.5E-08	4.1E-09	3.7E-08	8.6E-09	0.0E+00	0.0E+00	5.0E-08
428	UCART117	396546.15	3767451.98	396546.15, 3767451.98	0.06048	0.05397	3.40E-04	1.18E-06	3.41E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	4.6E-09	4.2E-08	9.7E-09	0.0E+00	0.0E+00	5.6E-08
429	UCART118	396591.15	3767451.98	396591.15, 3767451.98	0.07077	0.06199	3.98E-04	1.35E-06	3.99E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.4E-09	4.9E-08	1.1E-08	0.0E+00	0.0E+00	6.6E-08
430	UCART119	396636.15	3767451.98	396636.15, 3767451.98	0.08822	0.07457	4.96E-04	1.63E-06	4.97E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.8E-09	6.1E-08	1.4E-08	0.0E+00	0.0E+00	8.2E-08
431	UCART120	396681.15	3767451.98	396681.15, 3767451.98	0.11078	0.0896	6.23E-04	1.96E-06	6.25E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	7.7E-08	1.8E-08	0.0E+00	0.0E+00	1.0E-07
432	UCART121	396726.15	3767451.98	396726.15, 3767451.98	0.13797	0.10591	7.75E-04	2.31E-06	7.78E-04	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	1.1E-08	9.6E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
433	UCART122	396771.15	3767451.98	396771.15, 3767451.98	0.17654	0.12707	9.92E-04	2.78E-06	9.95E-04	3.4E-07	1.0E-06	6.0E-07	5.5E-07	2.5E-07	1.4E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
434	UCART123	396816.15	3767451.98	396816.15, 3767451.98	0.22193	0.15035	1.25E-03	3.29E-06	1.25E-03	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	1.7E-08	1.5E-07	3.6E-08	0.0E+00	0.0E+00	2.1E-07
435	UCART124	396861.15	3767451.98	396861.15, 3767451.98	0.2776	0.1703	1.56E-03	3.72E-06	1.56E-03	5.4E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	2.1E-08	1.9E-07	4.5E-08	0.0E+00	0.0E+00	2.6E-07
436	UCART125	396906.15	3767451.98	396906.15, 3767451.98	0.33942	0.1897	1.91E-03	4.15E-06	1.91E-03	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.6E-08	2.4E-07	5.5E-08	0.0E+00	0.0E+00	3.2E-07
437	UCART126	396951.15	3767451.98	396951.15, 3767451.98	0.40861	0.20763	2.30E-03	4.54E-06	2.30E-03	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	3.1E-08	2.8E-07	6.6E-08	0.0E+00	0.0E+00	3.8E-07
438	UCART127	396996.15	3767451.98	396996.15, 3767451.98	0.49151	0.22507	2.76E-03	4.92E-06	2.77E-03	9.6E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.8E-08	3.4E-07	7.9E-08	0.0E+00	0.0E+00	4.6E-07
439	UCART128	397041.15	3767451.98	397041.15, 3767451.98	0.57898	0.24085	3.25E-03	5.26E-06	3.26E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.4E-08	4.0E-07	9.3E-08	0.0E+00	0.0E+00	5.4E-07
440	UCART129	397086.15	3767451.98	397086.15, 3767451.98	0.68506	0.25941	3.85E-03	5.67E-06	3.86E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.7E-07	5.2E-08	4.8E-07	1.1E-07	0.0E+00	0.0E+00	6.4E-07
441	UCART130	397131.15	3767451.98	397131.15, 3767451.98	0.81213	0.28033	4.56E-03	6.13E-06	4.57E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	6.2E-08	5.6E-07	1.3E-07	0.0E+00	0.0E+00	7.6E-07
442	UCART131	397176.15	3767451.98	397176.15, 3767451.98	0.96027	0.30426	5.40E-03	6.65E-06	5.40E-03	1.9E-06	5.6E-06	3.3E-06	3.0E-06	1.4E-06	7.3E-08	6.7E-07	1.5E-07	0.0E+00	0.0E+00	8.9E-07
443	UCART132	397221.15	3767451.98	397221.15, 3767451.98	1.10705	0.33275	6.22E-03	7.27E-06	6.23E-03	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	8.5E-08	7.7E-07	1.8E-07	0.0E+00	0.0E+00	1.0E-06
444	UCART133	397266.15	3767451.98	397266.15, 3767451.98	1.15689	0.35499	6.50E-03	7.76E-06	6.51E-03	2.3E-06	6.8E-06	3.9E-06	3.6E-06	1.6E-06	8.9E-08	8.0E-07	1.9E-07	0.0E+00	0.0E+00	1.1E-06
445	UCART134	397311.15	3767451.98	397311.15, 3767451.98	1.11184	0.37312	6.25E-03	8.15E-06	6.26E-03	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	8.5E-08	7.7E-07	1.8E-07	0.0E+00	0.0E+00	1.0E-06
446	UCART135	397356.15	3767451.98	397356.15, 3767451.98	0.97528	0.37906	5.48E-03	8.28E-06	5.49E-03	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	7.5E-08	6.8E-07	1.6E-07	0.0E+00	0.0E+00	9.1E-07
447	UCART136	397401.15	3767451.98	397401.15, 3767451.98	0.78728	0.36971	4.42E-03	8.08E-06	4.43E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	6.0E-08	5.5E-07	1.3E-07	0.0E+00	0.0E+00	7.3E-07
448	UCART137	397446.15	3767451.98	397446.15, 3767451.98	0.63613	0.36832	3.58E-03	8.05E-06	3.58E-03	1.2E-06	3.7E-06	2.2E-06	2.0E-06	9.0E-07	4.9E-08	4.4E-07	1.0E-07	0.0E+00	0.0E+00	5.9E-07
449	UCART138	397491.15	3767451.98	397491.15, 3767451.98	0.50985	0.36916	2.87E-03	8.07E-06	2.87E-03	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.9E-08	3.5E-07	8.2E-08	0.0E+00	0.0E+00	4.8E-07
450	UCART139	397536.15	3767451.98	397536.15, 3767451.98	0.40491	0.36762	2.28E-03	8.03E-06	2.28E-03	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	3.1E-08	2.8E-07	6.5E-08	0.0E+00	0.0E+00	3.8E-07
451	UCART140	397581.15	3767451.98	397581.15, 3767451.98	0.32272	0.36319	1.81E-03	7.94E-06	1.82E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.2E-07	5.2E-08	0.0E+00	0.0E+00	3.0E-07
452	UCART141	397626.15	3767451.98	397626.15, 3767451.98	0.25678	0.34893	1.44E-03	7.63E-06	1.45E-03	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	2.0E-08	1.8E-07	4.1E-08	0.0E+00	0.0E+00	2.4E-07
453	UCART142	397671.15	3767451.98	397671.15, 3767451.98	0.20585	0.3252	1.16E-03	7.11E-06	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
454	UCART143	397716.15	3767451.98	397716.15, 3767451.98	0.16693	0.29331	9.38E-04	6.41E-06	9.45E-04	3.3E-07	9.9E-07	5.7E-07	5.2E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
455	UCART144	397761.15	3767451.98	397761.15, 3767451.98	0.13885	0.26	7.80E-04	5.68E-06	7.86E-04	2.7E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	9.7E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
456	UCART145	396456.15	3767496.98	396456.15, 3767496.98	0.04644	0.04177	2.61E-04	9.13E-07	2.62E-04	9.1E-08	2.7E-07	1.6E-07	1.4E-07	6.6E-08	3.6E-09	3.2E-08	7.5E-09	0.0E+00	0.0E+00	4.3E-08
457	UCART146	396501.15	3767496.98	396501.15, 3767496.98	0.0508	0.04542	2.86E-04	9.93E-07	2.87E-04	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.9E-09	3.5E-08	8.2E-09	0.0E+00	0.0E+00	4.7E-08
458	UCART147	396546.15	3767496.98	396546.15, 3767496.98	0.05767	0.0509	3.24E-04	1.11E-06	3.25E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	4.0E-08	9.3E-09	0.0E+00	0.0E+00	5.4E-08
459	UCART148	396591.15	3767496.98	396591.15, 3767496.98	0.06807	0.05873	3.83E-04	1.28E-06	3.84E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	4.7E-08	1.1E-08	0.0E+00	0.0E+00	6.3E-08
460	UCART149	396636.15	3767496.98	396636.15, 3767496.98	0.0803	0.06747	4.51E-04	1.47E-06	4.53E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.2E-09	5.6E-08	1.3E-08	0.0E+00	0.0E+00	7.5E-08
461	UCART150	396681.15	3767496.98	396681.15, 3767496.98	0.09388	0.07666	5.28E-04	1.68E-06	5.29E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	6.5E-08	1.5E-08	0.0E+00	0.0E+00	8.8E-08
462	UCART151	396726.15	3767496.98	396726.15, 3767496.98	0.11507	0.08975	6.47E-04	1.96E-06	6.49E-04	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	8.8E-09	8.0E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
463	UCART152	396771.15	3767496.98	396771.15, 3767496.98	0.15591	0.11192	8.76E-04	2.45E-06	8.79E-04	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.5E-07
464	UCART153	396816.15	3767496.98	396816.15, 3767496.98	0.19478	0.13213	1.09E-03	2.89E-06	1.10E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.5E-08	1.4E-07	3.1E-08	0.0E+00	0.0E+00	1.8E-07
465	UCART154	396861.15	3767496.98	396861.15, 3767496.98	0.23913	0.14927	1.34E-03	3.26E-06	1.35E-03	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.8E-08	1.7E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
466	UCART155	396906.15	3767496.98	396906.15, 3767496.98	0.28601	0.16443	1.61E-03	3.59E-06	1.61E-03	5.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.7E-07
467	UCART156	396951.15	3767496.98	396951.15, 3767496.98	0.33684	0.17894	1.89E-03	3.91E-06	1.90E-03	6.6E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	2.3E-07	5.4E-08	0.0E+00	0.0E+00	3.1E-07
468	UCART157	396996.15	3767496.98	396996.15, 3767496.98	0.40022	0.19422	2.25E-03	4.24E-06	2.25E-03	7.8E-07	2.4E-06	1.4E-06	1.2E-06	5.6E-07	3.1E-08	2.8E-07	6.4E-08	0.0E+00	0.0E+00	3.7E-07
469	UCART158	397041.15	3767496.98	397041.15, 3767496.98	0.46179	0.2063	2.60E-03	4.51E-06	2.60E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.5E-08	3.2E-07	7.4E-08	0.0E+00	0.0E+00	4.3E-07
470	UCART159	397086.15	3767496.98	397086.15, 3767496.98	0.53215	0.21947	2.99E-03	4.80E-06	3.00E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	4.1E-08	3.7E-07	8.5E-08	0.0E+00	0.0E+00	5.0E-07
471	UCART160	397131.15	3767496.98	397131.15, 3767496.98	0.61974	0.23619	3.48E-03	5.16E-06	3.49E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	4.7E-08	4.3E-07	1.0E-07	0.0E+00	0.0E+00	5.8E-07
472	UCART161	397176.15	3767496.98	397176.15, 3767496.98	0.716	0.25505	4.02E-03	5.57E-06	4.03E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.5E-08	5.0E-07	1.1E-07	0.0E+00	0.0E+00	6.7E-07
473	UCART162	397221.15	3767496.98	397221.15, 3767496.98	0.80068	0.2747	4.50E-03	6.00E-06	4.51E-03	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	6.1E-08	5.6E-07	1.3E-07	0.0E+00

CONSTRUCTION RISK (UNMITIGATED)

518	UCART207	396546.15	3767586.98	396546.15, 3767586.98	0.05136	0.04479	2.89E-04	9.79E-07	2.90E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.2E-08	3.9E-09	3.6E-08	8.3E-09	0.0E+00	0.0E+00	4.8E-08
519	UCART208	396591.15	3767586.98	396591.15, 3767586.98	0.05742	0.04934	3.23E-04	1.08E-06	3.24E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	4.0E-08	9.2E-09	0.0E+00	0.0E+00	5.4E-08
520	UCART209	396636.15	3767586.98	396636.15, 3767586.98	0.06525	0.05493	3.67E-04	1.20E-06	3.68E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	5.0E-09	4.5E-08	1.0E-08	0.0E+00	0.0E+00	6.1E-08
521	UCART210	396681.15	3767586.98	396681.15, 3767586.98	0.07612	0.06218	4.28E-04	1.36E-06	4.29E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.8E-09	5.3E-08	1.2E-08	0.0E+00	0.0E+00	7.1E-08
522	UCART211	396726.15	3767586.98	396726.15, 3767586.98	0.10403	0.07877	5.85E-04	1.72E-06	5.86E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	8.0E-09	7.2E-08	1.7E-08	0.0E+00	0.0E+00	9.7E-08
523	UCART212	396771.15	3767586.98	396771.15, 3767586.98	0.12848	0.09241	7.22E-04	2.02E-06	7.24E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	9.8E-09	8.9E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
524	UCART213	396816.15	3767586.98	396816.15, 3767586.98	0.1477	0.10126	8.30E-04	2.21E-06	8.32E-04	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
525	UCART214	396861.15	3767586.98	396861.15, 3767586.98	0.17076	0.11137	9.60E-04	2.43E-06	9.62E-04	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
526	UCART215	396906.15	3767586.98	396906.15, 3767586.98	0.20362	0.12444	1.14E-03	2.72E-06	1.15E-03	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
527	UCART216	396951.15	3767586.98	396951.15, 3767586.98	0.23103	0.13332	1.30E-03	2.91E-06	1.30E-03	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.3E-07	1.8E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.2E-07
528	UCART217	396996.15	3767586.98	396996.15, 3767586.98	0.27574	0.14748	1.55E-03	3.22E-06	1.55E-03	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	2.1E-08	1.9E-07	4.4E-08	0.0E+00	0.0E+00	2.6E-07
529	UCART218	397041.15	3767586.98	397041.15, 3767586.98	0.3154	0.15782	1.77E-03	3.45E-06	1.78E-03	6.1E-07	1.9E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	2.2E-07	5.1E-08	0.0E+00	0.0E+00	2.9E-07
530	UCART219	397086.15	3767586.98	397086.15, 3767586.98	0.35613	0.16749	2.00E-03	3.66E-06	2.01E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	2.5E-07	5.7E-08	0.0E+00	0.0E+00	3.3E-07
531	UCART220	397131.15	3767586.98	397131.15, 3767586.98	0.39601	0.17646	2.23E-03	3.86E-06	2.23E-03	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.6E-07	3.0E-08	2.7E-07	6.4E-08	0.0E+00	0.0E+00	3.7E-07
532	UCART221	397176.15	3767586.98	397176.15, 3767586.98	0.43507	0.1858	2.45E-03	4.06E-06	2.45E-03	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	3.3E-08	3.0E-07	7.0E-08	0.0E+00	0.0E+00	4.0E-07
533	UCART222	397221.15	3767586.98	397221.15, 3767586.98	0.46804	0.19524	2.63E-03	4.27E-06	2.63E-03	9.1E-07	2.8E-06	1.6E-06	1.4E-06	6.6E-07	3.6E-08	3.2E-07	7.5E-08	0.0E+00	0.0E+00	4.4E-07
534	UCART223	397266.15	3767586.98	397266.15, 3767586.98	0.49591	0.20703	2.79E-03	4.52E-06	2.79E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.8E-08	3.4E-07	8.0E-08	0.0E+00	0.0E+00	4.6E-07
535	UCART224	397311.15	3767586.98	397311.15, 3767586.98	0.4985	0.21543	2.80E-03	4.71E-06	2.81E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.8E-08	3.5E-07	8.0E-08	0.0E+00	0.0E+00	4.6E-07
536	UCART225	397356.15	3767586.98	397356.15, 3767586.98	0.48549	0.22388	2.73E-03	4.89E-06	2.73E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.8E-07	3.7E-08	3.4E-07	7.8E-08	0.0E+00	0.0E+00	4.5E-07
537	UCART226	397401.15	3767586.98	397401.15, 3767586.98	0.44998	0.22763	2.53E-03	4.98E-06	2.53E-03	8.8E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.4E-08	3.1E-07	7.2E-08	0.0E+00	0.0E+00	4.2E-07
538	UCART227	397446.15	3767586.98	397446.15, 3767586.98	0.38422	0.21844	2.16E-03	4.77E-06	2.16E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.9E-08	2.7E-07	6.2E-08	0.0E+00	0.0E+00	3.6E-07
539	UCART228	397491.15	3767586.98	397491.15, 3767586.98	0.33866	0.2188	1.90E-03	4.78E-06	1.91E-03	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.6E-08	2.4E-07	5.4E-08	0.0E+00	0.0E+00	3.2E-07
540	UCART229	397536.15	3767586.98	397536.15, 3767586.98	0.29323	0.21693	1.65E-03	4.74E-06	1.65E-03	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.1E-07	2.2E-08	2.0E-07	4.7E-08	0.0E+00	0.0E+00	2.7E-07
541	UCART230	397581.15	3767586.98	397581.15, 3767586.98	0.25253	0.21384	1.42E-03	4.67E-06	1.42E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.9E-08	1.8E-07	4.1E-08	0.0E+00	0.0E+00	2.4E-07
542	UCART231	397626.15	3767586.98	397626.15, 3767586.98	0.21591	0.20763	1.21E-03	4.54E-06	1.22E-03	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.0E-07	1.7E-08	1.5E-07	3.5E-08	0.0E+00	0.0E+00	2.0E-07
543	UCART232	397671.15	3767586.98	397671.15, 3767586.98	0.18229	0.19622	1.02E-03	4.29E-06	1.03E-03	3.6E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.4E-08	1.3E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
544	UCART233	397716.15	3767586.98	397716.15, 3767586.98	0.15546	0.18377	8.74E-04	4.02E-06	8.78E-04	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.5E-07
545	UCART234	397761.15	3767586.98	397761.15, 3767586.98	0.13427	0.1707	7.55E-04	3.73E-06	7.58E-04	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	9.3E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
546	UCART235	396456.15	3767631.98	396456.15, 3767631.98	0.03951	0.03517	2.22E-04	7.69E-07	2.23E-04	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.6E-08	3.0E-09	2.7E-08	6.4E-09	0.0E+00	0.0E+00	3.7E-08
547	UCART236	396501.15	3767631.98	396501.15, 3767631.98	0.04349	0.03832	2.44E-04	8.38E-07	2.45E-04	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	3.3E-09	3.0E-08	7.0E-09	0.0E+00	0.0E+00	4.1E-08
548	UCART237	396546.15	3767631.98	396546.15, 3767631.98	0.04836	0.04204	2.72E-04	9.19E-07	2.73E-04	9.4E-08	2.9E-07	1.7E-07	1.5E-07	6.8E-08	3.7E-09	3.4E-08	7.8E-09	0.0E+00	0.0E+00	4.5E-08
549	UCART238	396591.15	3767631.98	396591.15, 3767631.98	0.05446	0.04652	3.06E-04	1.02E-06	3.07E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.2E-09	3.8E-08	8.8E-09	0.0E+00	0.0E+00	5.1E-08
550	UCART239	396636.15	3767631.98	396636.15, 3767631.98	0.06254	0.05213	3.52E-04	1.14E-06	3.53E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.8E-09	4.3E-08	1.0E-08	0.0E+00	0.0E+00	5.8E-08
551	UCART240	396681.15	3767631.98	396681.15, 3767631.98	0.07843	0.0623	4.41E-04	1.36E-06	4.42E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	5.4E-08	1.3E-08	0.0E+00	0.0E+00	7.3E-08
552	UCART241	396726.15	3767631.98	396726.15, 3767631.98	0.09928	0.07453	5.58E-04	1.63E-06	5.60E-04	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	7.6E-09	6.9E-08	1.6E-08	0.0E+00	0.0E+00	9.3E-08
553	UCART242	396771.15	3767631.98	396771.15, 3767631.98	0.11331	0.08204	6.37E-04	1.79E-06	6.39E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.7E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
554	UCART243	396816.15	3767631.98	396816.15, 3767631.98	0.12299	0.08686	6.91E-04	1.90E-06	6.93E-04	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	9.4E-09	8.5E-08	2.0E-08	0.0E+00	0.0E+00	1.1E-07
555	UCART244	396861.15	3767631.98	396861.15, 3767631.98	0.14478	0.097	8.14E-04	2.12E-06	8.16E-04	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	1.1E-08	1.0E-07	2.3E-08	0.0E+00	0.0E+00	1.3E-07
556	UCART245	396906.15	3767631.98	396906.15, 3767631.98	0.16915	0.10711	9.51E-04	2.34E-06	9.53E-04	3.3E-07	1.0E-06	5.8E-07	5.2E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
557	UCART246	396951.15	3767631.98	396951.15, 3767631.98	0.19048	0.11453	1.07E-03	2.50E-06	1.07E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.5E-08	1.3E-07	3.1E-08	0.0E+00	0.0E+00	1.8E-07
558	UCART247	396996.15	3767631.98	396996.15, 3767631.98	0.2225	0.12539	1.25E-03	2.74E-06	1.25E-03	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	1.7E-08	1.5E-07	3.6E-08	0.0E+00	0.0E+00	2.1E-07
559	UCART248	397041.15	3767631.98	397041.15, 3767631.98	0.2579	0.13634	1.45E-03	2.98E-06	1.45E-03	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	2.0E-08	1.8E-07	4.1E-08	0.0E+00	0.0E+00	2.4E-07
560	UCART249	397086.15	3767631.98	397086.15, 3767631.98	0.29203	0.14582	1.64E-03	3.19E-06	1.64E-03	5.7E-07	1.7E-06	1.0E-06	9.0E-07	4.1E-07	2.2E-08	2.0E-07	4.7E-08	0.0E+00	0.0E+00	2.7E-07
561	UCART250	397131.15	3767631.98	397131.15, 3767631.98	0.32471	0.1544	1.83E-03	3.37E-06	1.83E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.3E-07	5.2E-08	0.0E+00	0.0E+00	3.0E-07
562	UCART251	397176.15	3767631.98	397176.15, 3767631.98	0.34732	0.15971	1.95E-03	3.49E-06	1.96E-03	6.8E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.7E-08	2.4E-07	5.6E-08	0.0E+00	0.0E+00	3.2E-07
563	UCART252	397221.15	3767631.98	397221.15, 3767631.98	0.37024	0.16674	2.08E-03	3.64E-06	2.08E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.8E-08	2.6E-07	5.9E-08	0.0E+00	0.0E+00	3.4E-07
564	UCART253	397266.15	3767631.98	397266.15, 3767631.98	0.39157	0.17597	2.20E-03	3.85E-06	2.20E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	2.7E-07	6.3E-08	0.0E+00	0.0E+00	3.6E-07
565	UCART254	397311.15	3767631.98	397311.15, 3767631.98	0.39898	0.18377	2.24E-03	4.02E-06	2.25E-03	7.8E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	3.1E-08	2.8E-07	6.4E-08	0.0E+00	0.0E+00	3.7E-07
566	UCART255	397356.15	3767631.98	397356.15, 3767631.98	0.39304	0.19048	2.21E-03	4.16E-06	2.21E-03	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	2.7E-07	6.3E-08	0.0E+00	0.0E+00	3.7E-07
567	UCART256	397401.15	3767631.98	397401.15, 3767631.98	0.37229	0.19444	2.09E-03	4.25E-06	2.10E-03	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.2E-07	2.9E-08	2.6E-07	6.0E-08	0.0E+00	0.0E+00	3.5E-07
568	UCART257	397446.15	3767631.98	397446.15, 3767631.98	0.3294	0.1894	1.85E-03	4.14E-06	1.86E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.3E-07	5.3E-08	0.0E+00	0.0E+00	3.1E-07
569	UCART258	397491.15	3767631.98	397491.15, 3767631.98	0.2947	0.18876	1.66E-03	4.13E-06	1.66E-03	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	2.3E-08	2.0E-07	4.7E-08	0.0E+00	0.0E+00	2.7E-07
570	UCART259	397536.15	3767631.98	397536.15, 3767631.98	0.25998	0.18692	1.46E-03	4.09E-06	1.47E-03	5.1E-07	1.5E-06	8.9E-07	8.0E-07	3.7E-07	2.0E-08	1.8E-07	4.2E-08	0.0E+00	0.0E+00	2.4E-07
571	UCART260	397581.15	3767631.98	397581.15, 3767631.98	0.22755	0.18388	1.28E-03	4.02E-06	1.28E-03	4.4E-07	1.3E-06	7.8E-07	7.0E-07	3.2E-07	1.7E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.1E-07
572	UCART261	397626.15	3767631.98	397626.15, 3767631.98	0.19827	0.17916	1.11E-03	3.92E-06	1.12E-03	3.9E-07	1.2E-06	6.8E-07	6.1E-07	2.8E-07	1.5E-08	1.4E-07	3.2E-08	0.0E+00	0.0E+00	1.8E-07
573	UCART262	397671.15	3767631.98	397671.15, 3767631.98	0.17096	0.17097	9.61E-04	3.74E-06	9.65E-04	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
574	UCART263	397716.15	3767631.98	397716.15, 3767631.98	0.14795	0.16136	8.32E-04	3.53E-06	8.35E-04	2.9E-07	8.7E-07	5.1E-07	4.6E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
575	UCART264	397761.15	3767631.98	397761.15, 3767631.98	0.129	0.15088	7.25E-04	3.30E-06	7.28E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	9.9E-09	9.0E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
576	UCART265	396456.15	3767676.98	396456.15, 3767676.98	0.03733	0.0332	2.10E-04	7.26E-07	2.11E-04	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	2.6E-08	6.0E-09	0.0E+00	0.0E+00	3.5E-08
577	UCART266	396501.15	3767676.98	396501.15, 3767676.98	0.0412	0.03622	2.32E-04	7.92E-07	2.32E-04	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	3.2E-09	2.9E-08	6.6E-09	0.0E+00	0.0E+00	3.8E-08
578	UCART267	396546.15	3767676.98	396546.15, 3767676.98	0.04609	0.03989	2.59E-04	8.72E-07	2.60E-04	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.5E-09	3.2E-08	7.4E-09	0.0E+00	0.0E+00	4.3E-08
579	UCART268	396591.15	3767676.98	396591.15, 3767676.98	0.0517	0.04395	2.91E-04	9.61E-07	2.92E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	3.6E-08	8.3E-09	0.0E+00	0.0E+00	4.8E-08
580	UCART269	396636.15	3767676.98	396636.15, 3767676.98	0.06161	0.05063	3.46E-04	1.11E-06	3.47E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.7E-09	4.3E-08	9.9E-09	0.0E+00	0.0E+00	5.7E-08
581	UCART270	396681.15	3767676.98	396681.15, 3767676.98	0.07815	0.0609	4.39E-04	1.33E-06	4.41E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	5.4E-08	1.3E-08	0.0E+00	0.0E+00	7.3E-08
582	UCART271	396726.15	3767676.98	396726.15, 3767676.98	0.08978	0.06772	5.05E-04	1.48E-06	5.06E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	6.2E-08	1.4E-08	0.0E+00	0.0E+00	8.4E-08
583	UCART272	396771.15	3767676.98	396771.15, 3767676.98	0.09888	0.0728	5.56E-04	1.59E-06	5.57E-04	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	7.6E-09	6.9E-08	1.6E-08	0.0E+00	0.0E+00	9.2E-08
584	UCART273	396816.15	3767676.98	396816.15, 3767676.98	0.10613	0.07638	5.97E-04	1.67E-06	5.98E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	8.1E-09	7.4E-08	1.7E-08	0.0E+00	0.0E+00	9.9E-08
585	UCART274	396861.15	3767676.98	396861.15, 3767676.98	0.11974	0.08289	6.73E-04	1.81E-06	6.75E-04	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	9.2E-09	8.3E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
586	UCART275	396906.15	3767676.98	396906.15, 3767676.98	0.13098	0.08746	7.36E-04	1.91E-06	7.38E-04	2.6E-07	7.7E-07	4.5E-07	4.0E-07	1.8E-07	1.0E-08	9.1E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
587	UCART276	396951.15	3767676.98	396951.15, 3767676.98	0.15244	0.09619	8.57E-04	2.10E-06	8.59E-04	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.1E-07	1.2E-08	1.1E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
588	UCART277	396996.15	3767676.98	396996.15, 3767676.98	0.17937	0.10635	1.01E-03	2.32E-06	1.01E-03	3.5E-07	1.1E-06	6.1E-07	5.5E-07	2.5E-07	1.4E-08	1.2E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
589	UCART278	397041.15	3767676.98	397041.15, 3767676.98	0.20991	0.11703	1.18E-03	2.56E-06	1.18E-03	4.1E-07	1.2E-06	7.2E-07	6.5E-07	3.0E-07	1.6E-08	1.5E-07	3.4E-08	0.0E+00	0.0E+00	2.0E-07
590	UCART279	397086.15	3767676.98	397086.15, 3767676.98	0.2407	0.127	1.35E-03	2.78E-06	1.36E-03	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.8E-08	1.7E-07	3.9E-08	0.0E+00	0.0E+00	2.2E-07
591	UCART280	397131.15	3767676.98	397131.15, 3767676.98	0.27024	0.13613	1.52E-03	2.98E-06	1.52E-03	5.3E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	2.1E-08	1.9E-07	4.3E-08	0.0E+00	0.0E+00	2.5E-07
592	UCART281	397176.15	3767676.98	397176.15, 3767676.98	0.28799	0.14077	1.62E-03	3.08E-06	1.62E-03	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.7E-07
593	UCART282	397221.15	3767676.98	397221.15, 3767676.98	0.30227	0.14521	1.70E-03	3.17E-06	1.70E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.3E-07	2.3E-08	2.1E-07	4.9E-08	0.0E+00	0.0E+00	2.8E-07
594	UCART283	397266.15	3767676.98	397266.15, 3767676.98	0.31263	0.15002	1.76E-03	3.28E-06	1.76E-03	6.1E-07	1.8E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	2.2E-07	5.0E-08	0.0E+00	0.0E+00	2.9E-07
595	UCART284	397311.15	3767676.98	397311.15, 3767676.98	0.3242	0.15806	1.82E-03	3.45E-06	1.83E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.2E-07	5.2E-08	0.0E+00	0.0E+00	3.0E-07
596	UCART285	397356.15	3767676.98	397356.15, 3767676.98	0.32402	0.16434	1.82E-03	3.59E-06	1.82E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.2E-07	5.2E-08	0.0E+00	0.0E+00	3.0E-07
597	UCART286	397401.15	3767676.98	397401.15, 3767676.98	0.3131	0.16874	1.76E-03	3.69E-06	1.76E-03	6.1E-07	1.8E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	2.2E-07	5.0E-08	0.0E+00	0.0E+00	2.9E-07
598	UCART287	397446.15	3767676.98	397446.15, 3767676.98	0.28342	0.16545	1.59E-03	3.62E-06	1.60E-03	5.5E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.6E-07
599	UCART288	397491.15	3767676.98	397491.15, 3767676.98	0.2536	0.16238	1.43E-03	3.55E-06	1.43E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.9E-08	1.8E-07	4.1E-08	0.0E+00	0.0E+00	2.4E-07
600	UCART289	397536.15	3767676.98	397536.15, 3767676.98	0.23031	0.1627	1.29E-03	3.56E-06	1.30E-03	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.2E-07	1.8E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.1E-07
601	UCART290	397581.15	3767676.98	397581.15, 3767676.98	0.20565	0.16077	1.16E-03	3.51E-06	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
602	UCART291	397626.15	3767676.98	397626.15, 3767676.98	0.18173	0.15679	1.02E-03	3.43E-06	1.02E-03	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.4E-08	1.3E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
603	UCART292	397671.15	3767676.98	397671.15, 3767676.98	0.15973	0.15096	8.98E-04	3.30E-06	9.01E-04	3.1E-07	9.4E-07	5.5E-07	4.9E-07	2.3E-07	1.2E-08	1.1E-07	2.6E-08	0.0E+00	0.0E+00	1.5E-07
604	UCART293	397716.15	3767676.98	397716.15, 3767676.98	0.14015	0.14346	7.88E-04	3.14E-06	7.91E-04	2.7E-07	8.3E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	9.7E-08	2.3E-08	0.0E+00	0.0E+00	1.3E-07
605	UCART294	397761.15	3767676.98	397761.15, 3767676.98	0.12366	0.13526	6.95E-04	2.96E-06	6.98E-04	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	9.5E-09	8.6E-08	2.0E-08	0.0E+00

Worker Risk (Unmitigated)

Discrete Receptor ID				Construction	Worker Dose	Worker Risk
	X	Y	X, Y	Total	Construction	Construction
1	UCART1	396456.15	3766686.98	396456.15, 3766686.98	3.11E-04	2.1E-07	3.2E-09
2	UCART1	396501.15	3766686.98	396501.15, 3766686.98	3.42E-04	2.3E-07	3.6E-09
3	UCART1	396546.15	3766686.98	396546.15, 3766686.98	3.75E-04	2.5E-07	3.9E-09
4	UCART1	396591.15	3766686.98	396591.15, 3766686.98	4.11E-04	2.7E-07	4.3E-09
5	UCART1	396636.15	3766686.98	396636.15, 3766686.98	4.49E-04	3.0E-07	4.7E-09
6	UCART1	396681.15	3766686.98	396681.15, 3766686.98	4.88E-04	3.2E-07	5.1E-09
7	UCART1	396726.15	3766686.98	396726.15, 3766686.98	5.28E-04	3.5E-07	5.5E-09
8	UCART1	396771.15	3766686.98	396771.15, 3766686.98	5.67E-04	3.8E-07	5.9E-09
9	UCART1	396816.15	3766686.98	396816.15, 3766686.98	6.05E-04	4.0E-07	6.3E-09
10	UCART1	396861.15	3766686.98	396861.15, 3766686.98	6.39E-04	4.2E-07	6.6E-09
11	UCART1	396456.15	3766731.98	396456.15, 3766731.98	3.26E-04	2.2E-07	3.4E-09
12	UCART1	396501.15	3766731.98	396501.15, 3766731.98	3.60E-04	2.4E-07	3.7E-09
13	UCART1	396546.15	3766731.98	396546.15, 3766731.98	4.00E-04	2.6E-07	4.2E-09
14	UCART1	396591.15	3766731.98	396591.15, 3766731.98	4.43E-04	2.9E-07	4.6E-09
15	UCART1	396636.15	3766731.98	396636.15, 3766731.98	4.92E-04	3.3E-07	5.1E-09
16	UCART1	396681.15	3766731.98	396681.15, 3766731.98	5.44E-04	3.6E-07	5.7E-09
17	UCART1	396726.15	3766731.98	396726.15, 3766731.98	5.98E-04	4.0E-07	6.2E-09
18	UCART1	396771.15	3766731.98	396771.15, 3766731.98	6.53E-04	4.3E-07	6.8E-09
19	UCART1	396816.15	3766731.98	396816.15, 3766731.98	7.08E-04	4.7E-07	7.4E-09
20	UCART1	396861.15	3766731.98	396861.15, 3766731.98	7.65E-04	5.1E-07	8.0E-09
21	UCART1	396906.15	3766731.98	396906.15, 3766731.98	8.40E-04	5.6E-07	8.7E-09
22	UCART1	396951.15	3766731.98	396951.15, 3766731.98	8.89E-04	5.9E-07	9.2E-09
23	UCART1	396996.15	3766731.98	396996.15, 3766731.98	8.74E-04	5.8E-07	9.1E-09
24	UCART1	397041.15	3766731.98	397041.15, 3766731.98	8.42E-04	5.6E-07	8.8E-09
25	UCART1	396456.15	3766776.98	396456.15, 3766776.98	3.41E-04	2.3E-07	3.5E-09
26	UCART1	396501.15	3766776.98	396501.15, 3766776.98	3.80E-04	2.5E-07	3.9E-09
27	UCART1	396546.15	3766776.98	396546.15, 3766776.98	4.25E-04	2.8E-07	4.4E-09
28	UCART1	396591.15	3766776.98	396591.15, 3766776.98	4.77E-04	3.2E-07	5.0E-09
29	UCART1	396636.15	3766776.98	396636.15, 3766776.98	5.38E-04	3.6E-07	5.6E-09
30	UCART1	396681.15	3766776.98	396681.15, 3766776.98	6.04E-04	4.0E-07	6.3E-09
31	UCART1	396726.15	3766776.98	396726.15, 3766776.98	6.75E-04	4.5E-07	7.0E-09
32	UCART1	396771.15	3766776.98	396771.15, 3766776.98	7.52E-04	5.0E-07	7.8E-09
33	UCART1	396816.15	3766776.98	396816.15, 3766776.98	8.37E-04	5.5E-07	8.7E-09
34	UCART1	396861.15	3766776.98	396861.15, 3766776.98	9.41E-04	6.2E-07	9.8E-09
35	UCART1	396906.15	3766776.98	396906.15, 3766776.98	1.05E-03	6.9E-07	1.1E-08
36	UCART1	396951.15	3766776.98	396951.15, 3766776.98	1.11E-03	7.4E-07	1.2E-08
37	UCART1	396996.15	3766776.98	396996.15, 3766776.98	1.06E-03	7.0E-07	1.1E-08
38	UCART1	397041.15	3766776.98	397041.15, 3766776.98	1.05E-03	7.0E-07	1.1E-08
39	UCART1	397086.15	3766776.98	397086.15, 3766776.98	1.05E-03	6.9E-07	1.1E-08
40	UCART1	397131.15	3766776.98	397131.15, 3766776.98	1.03E-03	6.8E-07	1.1E-08
41	UCART1	396456.15	3766821.98	396456.15, 3766821.98	3.55E-04	2.3E-07	3.7E-09
42	UCART1	396501.15	3766821.98	396501.15, 3766821.98	3.98E-04	2.6E-07	4.1E-09
43	UCART1	396546.15	3766821.98	396546.15, 3766821.98	4.50E-04	3.0E-07	4.7E-09

44	UCART1	396591.15	3766821.98	396591.15, 3766821.98	5.10E-04	3.4E-07	5.3E-09
45	UCART1	396636.15	3766821.98	396636.15, 3766821.98	5.83E-04	3.9E-07	6.1E-09
46	UCART1	396681.15	3766821.98	396681.15, 3766821.98	6.67E-04	4.4E-07	6.9E-09
47	UCART1	396726.15	3766821.98	396726.15, 3766821.98	7.61E-04	5.0E-07	7.9E-09
48	UCART1	396771.15	3766821.98	396771.15, 3766821.98	8.70E-04	5.8E-07	9.0E-09
49	UCART1	396816.15	3766821.98	396816.15, 3766821.98	1.01E-03	6.7E-07	1.0E-08
50	UCART1	396861.15	3766821.98	396861.15, 3766821.98	1.21E-03	8.0E-07	1.3E-08
51	UCART1	396906.15	3766821.98	396906.15, 3766821.98	1.31E-03	8.7E-07	1.4E-08
52	UCART1	396951.15	3766821.98	396951.15, 3766821.98	1.29E-03	8.5E-07	1.3E-08
53	UCART1	396996.15	3766821.98	396996.15, 3766821.98	1.32E-03	8.7E-07	1.4E-08
54	UCART1	397041.15	3766821.98	397041.15, 3766821.98	1.34E-03	8.9E-07	1.4E-08
55	UCART1	397086.15	3766821.98	397086.15, 3766821.98	1.35E-03	8.9E-07	1.4E-08
56	UCART1	397131.15	3766821.98	397131.15, 3766821.98	1.33E-03	8.8E-07	1.4E-08
57	UCART1	397176.15	3766821.98	397176.15, 3766821.98	1.29E-03	8.5E-07	1.3E-08
58	UCART1	397221.15	3766821.98	397221.15, 3766821.98	1.23E-03	8.1E-07	1.3E-08
59	UCART1	396456.15	3766866.98	396456.15, 3766866.98	3.67E-04	2.4E-07	3.8E-09
60	UCART1	396501.15	3766866.98	396501.15, 3766866.98	4.16E-04	2.8E-07	4.3E-09
61	UCART1	396546.15	3766866.98	396546.15, 3766866.98	4.74E-04	3.1E-07	4.9E-09
62	UCART1	396591.15	3766866.98	396591.15, 3766866.98	5.43E-04	3.6E-07	5.6E-09
63	UCART1	396636.15	3766866.98	396636.15, 3766866.98	6.28E-04	4.2E-07	6.5E-09
64	UCART1	396681.15	3766866.98	396681.15, 3766866.98	7.31E-04	4.8E-07	7.6E-09
65	UCART1	396726.15	3766866.98	396726.15, 3766866.98	8.54E-04	5.7E-07	8.9E-09
66	UCART1	396771.15	3766866.98	396771.15, 3766866.98	1.00E-03	6.6E-07	1.0E-08
67	UCART1	396816.15	3766866.98	396816.15, 3766866.98	1.24E-03	8.2E-07	1.3E-08
68	UCART1	396861.15	3766866.98	396861.15, 3766866.98	1.51E-03	1.0E-06	1.6E-08
69	UCART1	396906.15	3766866.98	396906.15, 3766866.98	1.52E-03	1.0E-06	1.6E-08
70	UCART1	396951.15	3766866.98	396951.15, 3766866.98	1.62E-03	1.1E-06	1.7E-08
71	UCART1	396996.15	3766866.98	396996.15, 3766866.98	1.71E-03	1.1E-06	1.8E-08
72	UCART1	397041.15	3766866.98	397041.15, 3766866.98	1.77E-03	1.2E-06	1.8E-08
73	UCART1	397086.15	3766866.98	397086.15, 3766866.98	1.80E-03	1.2E-06	1.9E-08
74	UCART1	397131.15	3766866.98	397131.15, 3766866.98	1.77E-03	1.2E-06	1.8E-08
75	UCART1	397176.15	3766866.98	397176.15, 3766866.98	1.72E-03	1.1E-06	1.8E-08
76	UCART1	397221.15	3766866.98	397221.15, 3766866.98	1.62E-03	1.1E-06	1.7E-08
77	UCART1	397266.15	3766866.98	397266.15, 3766866.98	1.51E-03	1.0E-06	1.6E-08
78	UCART1	397311.15	3766866.98	397311.15, 3766866.98	1.39E-03	9.2E-07	1.4E-08
79	UCART1	397356.15	3766866.98	397356.15, 3766866.98	1.25E-03	8.3E-07	1.3E-08
80	UCART1	396456.15	3766911.98	396456.15, 3766911.98	3.78E-04	2.5E-07	3.9E-09
81	UCART1	396501.15	3766911.98	396501.15, 3766911.98	4.31E-04	2.8E-07	4.5E-09
82	UCART1	396546.15	3766911.98	396546.15, 3766911.98	4.95E-04	3.3E-07	5.1E-09
83	UCART1	396591.15	3766911.98	396591.15, 3766911.98	5.74E-04	3.8E-07	6.0E-09
84	UCART1	396636.15	3766911.98	396636.15, 3766911.98	6.74E-04	4.5E-07	7.0E-09
85	UCART1	396681.15	3766911.98	396681.15, 3766911.98	7.98E-04	5.3E-07	8.3E-09
86	UCART1	396726.15	3766911.98	396726.15, 3766911.98	9.52E-04	6.3E-07	9.9E-09
87	UCART1	396771.15	3766911.98	396771.15, 3766911.98	1.15E-03	7.6E-07	1.2E-08
88	UCART1	396816.15	3766911.98	396816.15, 3766911.98	1.42E-03	9.4E-07	1.5E-08
89	UCART1	396861.15	3766911.98	396861.15, 3766911.98	1.71E-03	1.1E-06	1.8E-08
90	UCART1	396906.15	3766911.98	396906.15, 3766911.98	1.93E-03	1.3E-06	2.0E-08
91	UCART1	396951.15	3766911.98	396951.15, 3766911.98	2.12E-03	1.4E-06	2.2E-08
92	UCART1	396996.15	3766911.98	396996.15, 3766911.98	2.31E-03	1.5E-06	2.4E-08
93	UCART1	397041.15	3766911.98	397041.15, 3766911.98	2.44E-03	1.6E-06	2.5E-08
94	UCART1	397086.15	3766911.98	397086.15, 3766911.98	2.50E-03	1.7E-06	2.6E-08
95	UCART1	397131.15	3766911.98	397131.15, 3766911.98	2.46E-03	1.6E-06	2.6E-08
96	UCART1	397176.15	3766911.98	397176.15, 3766911.98	2.37E-03	1.6E-06	2.5E-08

97	UCART1	397221.15	3766911.98	397221.15, 3766911.98	2.22E-03	1.5E-06	2.3E-08
98	UCART1	397266.15	3766911.98	397266.15, 3766911.98	2.04E-03	1.4E-06	2.1E-08
99	UCART1	397311.15	3766911.98	397311.15, 3766911.98	1.85E-03	1.2E-06	1.9E-08
100	UCART1	397356.15	3766911.98	397356.15, 3766911.98	1.64E-03	1.1E-06	1.7E-08
101	UCART1	396456.15	3766956.98	396456.15, 3766956.98	3.86E-04	2.6E-07	4.0E-09
102	UCART1	396501.15	3766956.98	396501.15, 3766956.98	4.43E-04	2.9E-07	4.6E-09
103	UCART1	396546.15	3766956.98	396546.15, 3766956.98	5.14E-04	3.4E-07	5.3E-09
104	UCART1	396591.15	3766956.98	396591.15, 3766956.98	6.02E-04	4.0E-07	6.3E-09
105	UCART1	396636.15	3766956.98	396636.15, 3766956.98	7.16E-04	4.7E-07	7.4E-09
106	UCART1	396681.15	3766956.98	396681.15, 3766956.98	8.62E-04	5.7E-07	9.0E-09
107	UCART1	396726.15	3766956.98	396726.15, 3766956.98	1.05E-03	7.0E-07	1.1E-08
108	UCART1	396771.15	3766956.98	396771.15, 3766956.98	1.30E-03	8.6E-07	1.3E-08
109	UCART1	396816.15	3766956.98	396816.15, 3766956.98	1.62E-03	1.1E-06	1.7E-08
110	UCART1	396861.15	3766956.98	396861.15, 3766956.98	2.08E-03	1.4E-06	2.2E-08
111	UCART1	396906.15	3766956.98	396906.15, 3766956.98	2.51E-03	1.7E-06	2.6E-08
112	UCART1	396951.15	3766956.98	396951.15, 3766956.98	2.94E-03	1.9E-06	3.1E-08
113	UCART1	396996.15	3766956.98	396996.15, 3766956.98	3.31E-03	2.2E-06	3.4E-08
114	UCART1	397041.15	3766956.98	397041.15, 3766956.98	3.59E-03	2.4E-06	3.7E-08
115	UCART1	397086.15	3766956.98	397086.15, 3766956.98	3.69E-03	2.4E-06	3.8E-08
116	UCART1	397131.15	3766956.98	397131.15, 3766956.98	3.57E-03	2.4E-06	3.7E-08
117	UCART1	397176.15	3766956.98	397176.15, 3766956.98	3.41E-03	2.3E-06	3.5E-08
118	UCART1	397221.15	3766956.98	397221.15, 3766956.98	3.16E-03	2.1E-06	3.3E-08
119	UCART1	397266.15	3766956.98	397266.15, 3766956.98	2.88E-03	1.9E-06	3.0E-08
120	UCART1	397311.15	3766956.98	397311.15, 3766956.98	2.55E-03	1.7E-06	2.7E-08
121	UCART1	397356.15	3766956.98	397356.15, 3766956.98	2.12E-03	1.4E-06	2.2E-08
122	UCART1	397401.15	3766956.98	397401.15, 3766956.98	1.88E-03	1.2E-06	2.0E-08
123	UCART1	397446.15	3766956.98	397446.15, 3766956.98	1.60E-03	1.1E-06	1.7E-08
124	UCART1	397491.15	3766956.98	397491.15, 3766956.98	1.33E-03	8.8E-07	1.4E-08
125	UCART1	397536.15	3766956.98	397536.15, 3766956.98	1.11E-03	7.3E-07	1.2E-08
126	UCART1	397581.15	3766956.98	397581.15, 3766956.98	9.24E-04	6.1E-07	9.6E-09
127	UCART1	397626.15	3766956.98	397626.15, 3766956.98	7.75E-04	5.1E-07	8.1E-09
128	UCART1	397671.15	3766956.98	397671.15, 3766956.98	6.55E-04	4.3E-07	6.8E-09
129	UCART1	397716.15	3766956.98	397716.15, 3766956.98	5.57E-04	3.7E-07	5.8E-09
130	UCART1	397761.15	3766956.98	397761.15, 3766956.98	4.70E-04	3.1E-07	4.9E-09
131	UCART1	397806.15	3766956.98	397806.15, 3766956.98	4.06E-04	2.7E-07	4.2E-09
132	UCART1	397851.15	3766956.98	397851.15, 3766956.98	3.55E-04	2.3E-07	3.7E-09
133	UCART1	397896.15	3766956.98	397896.15, 3766956.98	3.15E-04	2.1E-07	3.3E-09
134	UCART1	397941.15	3766956.98	397941.15, 3766956.98	2.79E-04	1.8E-07	2.9E-09
135	UCART1	396456.15	3767001.98	396456.15, 3767001.98	3.92E-04	2.6E-07	4.1E-09
136	UCART1	396501.15	3767001.98	396501.15, 3767001.98	4.52E-04	3.0E-07	4.7E-09
137	UCART1	396546.15	3767001.98	396546.15, 3767001.98	5.28E-04	3.5E-07	5.5E-09
138	UCART1	396591.15	3767001.98	396591.15, 3767001.98	6.24E-04	4.1E-07	6.5E-09
139	UCART1	396636.15	3767001.98	396636.15, 3767001.98	7.51E-04	5.0E-07	7.8E-09
140	UCART1	396681.15	3767001.98	396681.15, 3767001.98	9.19E-04	6.1E-07	9.6E-09
141	UCART1	396726.15	3767001.98	396726.15, 3767001.98	1.15E-03	7.6E-07	1.2E-08
142	UCART1	396771.15	3767001.98	396771.15, 3767001.98	1.46E-03	9.6E-07	1.5E-08
143	UCART1	396816.15	3767001.98	396816.15, 3767001.98	1.89E-03	1.2E-06	2.0E-08
144	UCART1	396861.15	3767001.98	396861.15, 3767001.98	2.49E-03	1.6E-06	2.6E-08
145	UCART1	396906.15	3767001.98	396906.15, 3767001.98	3.33E-03	2.2E-06	3.5E-08
146	UCART1	396951.15	3767001.98	396951.15, 3767001.98	4.26E-03	2.8E-06	4.4E-08
147	UCART1	396996.15	3767001.98	396996.15, 3767001.98	5.22E-03	3.5E-06	5.4E-08
148	UCART1	397041.15	3767001.98	397041.15, 3767001.98	5.86E-03	3.9E-06	6.1E-08
149	UCART1	397086.15	3767001.98	397086.15, 3767001.98	6.00E-03	4.0E-06	6.2E-08

150	UCART1	397131.15	3767001.98	397131.15, 3767001.98	5.70E-03	3.8E-06	5.9E-08
151	UCART1	397176.15	3767001.98	397176.15, 3767001.98	5.32E-03	3.5E-06	5.5E-08
152	UCART1	397221.15	3767001.98	397221.15, 3767001.98	4.84E-03	3.2E-06	5.0E-08
153	UCART1	397266.15	3767001.98	397266.15, 3767001.98	4.30E-03	2.8E-06	4.5E-08
154	UCART1	397311.15	3767001.98	397311.15, 3767001.98	3.71E-03	2.5E-06	3.9E-08
155	UCART1	397356.15	3767001.98	397356.15, 3767001.98	2.94E-03	1.9E-06	3.1E-08
156	UCART1	397401.15	3767001.98	397401.15, 3767001.98	2.28E-03	1.5E-06	2.4E-08
157	UCART1	397446.15	3767001.98	397446.15, 3767001.98	2.09E-03	1.4E-06	2.2E-08
158	UCART1	397491.15	3767001.98	397491.15, 3767001.98	1.69E-03	1.1E-06	1.8E-08
159	UCART1	397536.15	3767001.98	397536.15, 3767001.98	1.35E-03	8.9E-07	1.4E-08
160	UCART1	397581.15	3767001.98	397581.15, 3767001.98	1.09E-03	7.2E-07	1.1E-08
161	UCART1	397626.15	3767001.98	397626.15, 3767001.98	8.90E-04	5.9E-07	9.3E-09
162	UCART1	397671.15	3767001.98	397671.15, 3767001.98	7.34E-04	4.9E-07	7.6E-09
163	UCART1	397716.15	3767001.98	397716.15, 3767001.98	6.06E-04	4.0E-07	6.3E-09
164	UCART1	397761.15	3767001.98	397761.15, 3767001.98	5.12E-04	3.4E-07	5.3E-09
165	UCART1	397806.15	3767001.98	397806.15, 3767001.98	4.34E-04	2.9E-07	4.5E-09
166	UCART1	397851.15	3767001.98	397851.15, 3767001.98	3.74E-04	2.5E-07	3.9E-09
167	UCART1	397896.15	3767001.98	397896.15, 3767001.98	3.28E-04	2.2E-07	3.4E-09
168	UCART1	397941.15	3767001.98	397941.15, 3767001.98	2.92E-04	1.9E-07	3.0E-09
169	UCART1	396456.15	3767046.98	396456.15, 3767046.98	3.96E-04	2.6E-07	4.1E-09
170	UCART1	396501.15	3767046.98	396501.15, 3767046.98	4.58E-04	3.0E-07	4.8E-09
171	UCART1	396546.15	3767046.98	396546.15, 3767046.98	5.38E-04	3.6E-07	5.6E-09
172	UCART1	396591.15	3767046.98	396591.15, 3767046.98	6.40E-04	4.2E-07	6.7E-09
173	UCART1	396636.15	3767046.98	396636.15, 3767046.98	7.77E-04	5.1E-07	8.1E-09
174	UCART1	396681.15	3767046.98	396681.15, 3767046.98	9.64E-04	6.4E-07	1.0E-08
175	UCART1	396726.15	3767046.98	396726.15, 3767046.98	1.23E-03	8.1E-07	1.3E-08
176	UCART1	396771.15	3767046.98	396771.15, 3767046.98	1.61E-03	1.1E-06	1.7E-08
177	UCART1	396816.15	3767046.98	396816.15, 3767046.98	2.18E-03	1.4E-06	2.3E-08
178	UCART1	396861.15	3767046.98	396861.15, 3767046.98	3.06E-03	2.0E-06	3.2E-08
179	UCART1	396906.15	3767046.98	396906.15, 3767046.98	4.46E-03	2.9E-06	4.6E-08
180	UCART1	396951.15	3767046.98	396951.15, 3767046.98	6.72E-03	4.4E-06	7.0E-08
181	UCART1	396996.15	3767046.98	396996.15, 3767046.98	9.80E-03	6.5E-06	1.0E-07
182	UCART1	397041.15	3767046.98	397041.15, 3767046.98	1.20E-02	7.9E-06	1.2E-07
183	UCART1	397086.15	3767046.98	397086.15, 3767046.98	1.17E-02	7.7E-06	1.2E-07
184	UCART1	397131.15	3767046.98	397131.15, 3767046.98	1.05E-02	7.0E-06	1.1E-07
185	UCART1	397176.15	3767046.98	397176.15, 3767046.98	9.35E-03	6.2E-06	9.7E-08
186	UCART1	397221.15	3767046.98	397221.15, 3767046.98	8.18E-03	5.4E-06	8.5E-08
187	UCART1	397266.15	3767046.98	397266.15, 3767046.98	7.03E-03	4.6E-06	7.3E-08
188	UCART1	397311.15	3767046.98	397311.15, 3767046.98	5.88E-03	3.9E-06	6.1E-08
189	UCART1	397356.15	3767046.98	397356.15, 3767046.98	4.76E-03	3.2E-06	5.0E-08
190	UCART1	397401.15	3767046.98	397401.15, 3767046.98	3.30E-03	2.2E-06	3.4E-08
191	UCART1	397446.15	3767046.98	397446.15, 3767046.98	2.74E-03	1.8E-06	2.8E-08
192	UCART1	397491.15	3767046.98	397491.15, 3767046.98	2.18E-03	1.4E-06	2.3E-08
193	UCART1	397536.15	3767046.98	397536.15, 3767046.98	1.66E-03	1.1E-06	1.7E-08
194	UCART1	397581.15	3767046.98	397581.15, 3767046.98	1.28E-03	8.5E-07	1.3E-08
195	UCART1	397626.15	3767046.98	397626.15, 3767046.98	1.02E-03	6.8E-07	1.1E-08
196	UCART1	397671.15	3767046.98	397671.15, 3767046.98	8.26E-04	5.5E-07	8.6E-09
197	UCART1	397716.15	3767046.98	397716.15, 3767046.98	6.75E-04	4.5E-07	7.0E-09
198	UCART1	397761.15	3767046.98	397761.15, 3767046.98	5.52E-04	3.7E-07	5.7E-09
199	UCART1	397806.15	3767046.98	397806.15, 3767046.98	4.61E-04	3.1E-07	4.8E-09
200	UCART1	397851.15	3767046.98	397851.15, 3767046.98	3.94E-04	2.6E-07	4.1E-09
201	UCART1	397896.15	3767046.98	397896.15, 3767046.98	3.45E-04	2.3E-07	3.6E-09
202	UCART1	397941.15	3767046.98	397941.15, 3767046.98	3.03E-04	2.0E-07	3.2E-09

203	UCART1	396456.15	3767091.98	396456.15, 3767091.98	3.97E-04	2.6E-07	4.1E-09
204	UCART1	396501.15	3767091.98	396501.15, 3767091.98	4.60E-04	3.0E-07	4.8E-09
205	UCART1	396546.15	3767091.98	396546.15, 3767091.98	5.42E-04	3.6E-07	5.6E-09
206	UCART1	396591.15	3767091.98	396591.15, 3767091.98	6.49E-04	4.3E-07	6.7E-09
207	UCART1	396636.15	3767091.98	396636.15, 3767091.98	7.92E-04	5.2E-07	8.2E-09
208	UCART1	396681.15	3767091.98	396681.15, 3767091.98	9.91E-04	6.6E-07	1.0E-08
209	UCART1	396726.15	3767091.98	396726.15, 3767091.98	1.28E-03	8.5E-07	1.3E-08
210	UCART1	396771.15	3767091.98	396771.15, 3767091.98	1.72E-03	1.1E-06	1.8E-08
211	UCART1	396816.15	3767091.98	396816.15, 3767091.98	2.44E-03	1.6E-06	2.5E-08
212	UCART1	396861.15	3767091.98	396861.15, 3767091.98	3.70E-03	2.4E-06	3.8E-08
213	UCART1	396906.15	3767091.98	396906.15, 3767091.98	6.18E-03	4.1E-06	6.4E-08
214	UCART1	396951.15	3767091.98	396951.15, 3767091.98	1.18E-02	7.8E-06	1.2E-07
215	UCART1	397131.15	3767091.98	397131.15, 3767091.98	2.81E-02	1.9E-05	2.9E-07
216	UCART1	397176.15	3767091.98	397176.15, 3767091.98	2.15E-02	1.4E-05	2.2E-07
217	UCART1	397221.15	3767091.98	397221.15, 3767091.98	1.69E-02	1.1E-05	1.8E-07
218	UCART1	397266.15	3767091.98	397266.15, 3767091.98	1.36E-02	9.0E-06	1.4E-07
219	UCART1	397311.15	3767091.98	397311.15, 3767091.98	1.09E-02	7.2E-06	1.1E-07
220	UCART1	397356.15	3767091.98	397356.15, 3767091.98	8.40E-03	5.6E-06	8.7E-08
221	UCART1	397401.15	3767091.98	397401.15, 3767091.98	5.81E-03	3.8E-06	6.0E-08
222	UCART1	397446.15	3767091.98	397446.15, 3767091.98	3.97E-03	2.6E-06	4.1E-08
223	UCART1	397491.15	3767091.98	397491.15, 3767091.98	2.64E-03	1.7E-06	2.7E-08
224	UCART1	397536.15	3767091.98	397536.15, 3767091.98	1.91E-03	1.3E-06	2.0E-08
225	UCART1	397581.15	3767091.98	397581.15, 3767091.98	1.39E-03	9.2E-07	1.4E-08
226	UCART1	397626.15	3767091.98	397626.15, 3767091.98	1.16E-03	7.7E-07	1.2E-08
227	UCART1	397671.15	3767091.98	397671.15, 3767091.98	9.74E-04	6.4E-07	1.0E-08
228	UCART1	397716.15	3767091.98	397716.15, 3767091.98	7.61E-04	5.0E-07	7.9E-09
229	UCART1	397761.15	3767091.98	397761.15, 3767091.98	6.01E-04	4.0E-07	6.2E-09
230	UCART1	397806.15	3767091.98	397806.15, 3767091.98	4.89E-04	3.2E-07	5.1E-09
231	UCART1	397851.15	3767091.98	397851.15, 3767091.98	4.18E-04	2.8E-07	4.3E-09
232	UCART1	397896.15	3767091.98	397896.15, 3767091.98	3.65E-04	2.4E-07	3.8E-09
233	UCART1	397941.15	3767091.98	397941.15, 3767091.98	3.16E-04	2.1E-07	3.3E-09
234	UCART1	396456.15	3767136.98	396456.15, 3767136.98	3.95E-04	2.6E-07	4.1E-09
235	UCART1	396501.15	3767136.98	396501.15, 3767136.98	4.58E-04	3.0E-07	4.8E-09
236	UCART1	396546.15	3767136.98	396546.15, 3767136.98	5.40E-04	3.6E-07	5.6E-09
237	UCART1	396591.15	3767136.98	396591.15, 3767136.98	6.48E-04	4.3E-07	6.7E-09
238	UCART1	396636.15	3767136.98	396636.15, 3767136.98	7.95E-04	5.3E-07	8.3E-09
239	UCART1	396681.15	3767136.98	396681.15, 3767136.98	9.99E-04	6.6E-07	1.0E-08
240	UCART1	396726.15	3767136.98	396726.15, 3767136.98	1.30E-03	8.6E-07	1.4E-08
241	UCART1	396771.15	3767136.98	396771.15, 3767136.98	1.78E-03	1.2E-06	1.8E-08
242	UCART1	396816.15	3767136.98	396816.15, 3767136.98	2.59E-03	1.7E-06	2.7E-08
243	UCART1	396861.15	3767136.98	396861.15, 3767136.98	4.21E-03	2.8E-06	4.4E-08
244	UCART1	396906.15	3767136.98	396906.15, 3767136.98	8.38E-03	5.5E-06	8.7E-08
245	UCART1	397311.15	3767136.98	397311.15, 3767136.98	2.82E-02	1.9E-05	2.9E-07
246	UCART1	397356.15	3767136.98	397356.15, 3767136.98	1.99E-02	1.3E-05	2.1E-07
247	UCART1	397401.15	3767136.98	397401.15, 3767136.98	1.30E-02	8.6E-06	1.3E-07
248	UCART1	397446.15	3767136.98	397446.15, 3767136.98	6.84E-03	4.5E-06	7.1E-08
249	UCART1	397491.15	3767136.98	397491.15, 3767136.98	3.45E-03	2.3E-06	3.6E-08
250	UCART1	397536.15	3767136.98	397536.15, 3767136.98	2.28E-03	1.5E-06	2.4E-08
251	UCART1	397581.15	3767136.98	397581.15, 3767136.98	1.60E-03	1.1E-06	1.7E-08
252	UCART1	397626.15	3767136.98	397626.15, 3767136.98	1.34E-03	8.9E-07	1.4E-08
253	UCART1	397671.15	3767136.98	397671.15, 3767136.98	1.04E-03	6.9E-07	1.1E-08
254	UCART1	397716.15	3767136.98	397716.15, 3767136.98	8.34E-04	5.5E-07	8.7E-09
255	UCART1	397761.15	3767136.98	397761.15, 3767136.98	6.55E-04	4.3E-07	6.8E-09

256	UCART1	397806.15	3767136.98	397806.15, 3767136.98	5.32E-04	3.5E-07	5.5E-09
257	UCART1	397851.15	3767136.98	397851.15, 3767136.98	4.45E-04	2.9E-07	4.6E-09
258	UCART1	397896.15	3767136.98	397896.15, 3767136.98	3.85E-04	2.5E-07	4.0E-09
259	UCART1	397941.15	3767136.98	397941.15, 3767136.98	3.14E-04	2.1E-07	3.3E-09
260	UCART1	396456.15	3767181.98	396456.15, 3767181.98	3.90E-04	2.6E-07	4.1E-09
261	UCART1	396501.15	3767181.98	396501.15, 3767181.98	4.53E-04	3.0E-07	4.7E-09
262	UCART1	396546.15	3767181.98	396546.15, 3767181.98	5.34E-04	3.5E-07	5.5E-09
263	UCART1	396591.15	3767181.98	396591.15, 3767181.98	6.40E-04	4.2E-07	6.7E-09
264	UCART1	396636.15	3767181.98	396636.15, 3767181.98	7.84E-04	5.2E-07	8.2E-09
265	UCART1	396681.15	3767181.98	396681.15, 3767181.98	9.87E-04	6.5E-07	1.0E-08
266	UCART1	396726.15	3767181.98	396726.15, 3767181.98	1.28E-03	8.5E-07	1.3E-08
267	UCART1	396771.15	3767181.98	396771.15, 3767181.98	1.76E-03	1.2E-06	1.8E-08
268	UCART1	396816.15	3767181.98	396816.15, 3767181.98	2.58E-03	1.7E-06	2.7E-08
269	UCART1	396861.15	3767181.98	396861.15, 3767181.98	4.27E-03	2.8E-06	4.4E-08
270	UCART1	396906.15	3767181.98	396906.15, 3767181.98	8.98E-03	5.9E-06	9.3E-08
271	UCART1	397446.15	3767181.98	397446.15, 3767181.98	1.19E-02	7.9E-06	1.2E-07
272	UCART1	397491.15	3767181.98	397491.15, 3767181.98	4.82E-03	3.2E-06	5.0E-08
273	UCART1	397536.15	3767181.98	397536.15, 3767181.98	2.91E-03	1.9E-06	3.0E-08
274	UCART1	397581.15	3767181.98	397581.15, 3767181.98	2.00E-03	1.3E-06	2.1E-08
275	UCART1	397626.15	3767181.98	397626.15, 3767181.98	1.50E-03	9.9E-07	1.6E-08
276	UCART1	397671.15	3767181.98	397671.15, 3767181.98	1.16E-03	7.7E-07	1.2E-08
277	UCART1	397716.15	3767181.98	397716.15, 3767181.98	8.75E-04	5.8E-07	9.1E-09
278	UCART1	397761.15	3767181.98	397761.15, 3767181.98	7.00E-04	4.6E-07	7.3E-09
279	UCART1	397806.15	3767181.98	397806.15, 3767181.98	5.74E-04	3.8E-07	6.0E-09
280	UCART1	397851.15	3767181.98	397851.15, 3767181.98	4.81E-04	3.2E-07	5.0E-09
281	UCART1	397896.15	3767181.98	397896.15, 3767181.98	4.07E-04	2.7E-07	4.2E-09
282	UCART1	397941.15	3767181.98	397941.15, 3767181.98	3.30E-04	2.2E-07	3.4E-09
283	UCART1	396456.15	3767226.98	396456.15, 3767226.98	3.84E-04	2.5E-07	4.0E-09
284	UCART1	396501.15	3767226.98	396501.15, 3767226.98	4.44E-04	2.9E-07	4.6E-09
285	UCART1	396546.15	3767226.98	396546.15, 3767226.98	5.22E-04	3.5E-07	5.4E-09
286	UCART1	396591.15	3767226.98	396591.15, 3767226.98	6.24E-04	4.1E-07	6.5E-09
287	UCART1	396636.15	3767226.98	396636.15, 3767226.98	7.63E-04	5.0E-07	7.9E-09
288	UCART1	396681.15	3767226.98	396681.15, 3767226.98	9.55E-04	6.3E-07	9.9E-09
289	UCART1	396726.15	3767226.98	396726.15, 3767226.98	1.24E-03	8.2E-07	1.3E-08
290	UCART1	396771.15	3767226.98	396771.15, 3767226.98	1.67E-03	1.1E-06	1.7E-08
291	UCART1	396816.15	3767226.98	396816.15, 3767226.98	2.41E-03	1.6E-06	2.5E-08
292	UCART1	396861.15	3767226.98	396861.15, 3767226.98	3.82E-03	2.5E-06	4.0E-08
293	UCART1	396906.15	3767226.98	396906.15, 3767226.98	6.92E-03	4.6E-06	7.2E-08
294	UCART1	396951.15	3767226.98	396951.15, 3767226.98	1.50E-02	1.0E-05	1.6E-07
295	UCART1	397446.15	3767226.98	397446.15, 3767226.98	1.03E-02	6.8E-06	1.1E-07
296	UCART1	397491.15	3767226.98	397491.15, 3767226.98	4.93E-03	3.3E-06	5.1E-08
297	UCART1	397536.15	3767226.98	397536.15, 3767226.98	3.11E-03	2.1E-06	3.2E-08
298	UCART1	397581.15	3767226.98	397581.15, 3767226.98	2.16E-03	1.4E-06	2.2E-08
299	UCART1	397626.15	3767226.98	397626.15, 3767226.98	1.57E-03	1.0E-06	1.6E-08
300	UCART1	397671.15	3767226.98	397671.15, 3767226.98	1.17E-03	7.8E-07	1.2E-08
301	UCART1	397716.15	3767226.98	397716.15, 3767226.98	9.11E-04	6.0E-07	9.5E-09
302	UCART1	397761.15	3767226.98	397761.15, 3767226.98	7.37E-04	4.9E-07	7.7E-09
303	UCART1	397806.15	3767226.98	397806.15, 3767226.98	6.08E-04	4.0E-07	6.3E-09
304	UCART1	397851.15	3767226.98	397851.15, 3767226.98	5.07E-04	3.4E-07	5.3E-09
305	UCART1	397896.15	3767226.98	397896.15, 3767226.98	4.30E-04	2.8E-07	4.5E-09
306	UCART1	397941.15	3767226.98	397941.15, 3767226.98	3.67E-04	2.4E-07	3.8E-09
307	UCART1	396456.15	3767271.98	396456.15, 3767271.98	3.59E-04	2.4E-07	3.7E-09
308	UCART1	396501.15	3767271.98	396501.15, 3767271.98	4.11E-04	2.7E-07	4.3E-09

309	UCART1	396546.15	3767271.98	396546.15, 3767271.98	4.78E-04	3.2E-07	5.0E-09
310	UCART1	396591.15	3767271.98	396591.15, 3767271.98	5.82E-04	3.9E-07	6.1E-09
311	UCART1	396636.15	3767271.98	396636.15, 3767271.98	7.08E-04	4.7E-07	7.4E-09
312	UCART1	396681.15	3767271.98	396681.15, 3767271.98	8.91E-04	5.9E-07	9.3E-09
313	UCART2	396726.15	3767271.98	396726.15, 3767271.98	1.16E-03	7.7E-07	1.2E-08
314	UCART3	396771.15	3767271.98	396771.15, 3767271.98	1.55E-03	1.0E-06	1.6E-08
315	UCART4	396816.15	3767271.98	396816.15, 3767271.98	2.15E-03	1.4E-06	2.2E-08
316	UCART5	396861.15	3767271.98	396861.15, 3767271.98	3.21E-03	2.1E-06	3.3E-08
317	UCART6	396906.15	3767271.98	396906.15, 3767271.98	4.68E-03	3.1E-06	4.9E-08
318	UCART7	396951.15	3767271.98	396951.15, 3767271.98	7.58E-03	5.0E-06	7.9E-08
319	UCART8	397311.15	3767271.98	397311.15, 3767271.98	4.79E-02	3.2E-05	5.0E-07
320	UCART9	397356.15	3767271.98	397356.15, 3767271.98	2.78E-02	1.8E-05	2.9E-07
321	UCART10	397401.15	3767271.98	397401.15, 3767271.98	1.26E-02	8.3E-06	1.3E-07
322	UCART11	397446.15	3767271.98	397446.15, 3767271.98	7.34E-03	4.9E-06	7.6E-08
323	UCART12	397491.15	3767271.98	397491.15, 3767271.98	4.64E-03	3.1E-06	4.8E-08
324	UCART13	397536.15	3767271.98	397536.15, 3767271.98	2.99E-03	2.0E-06	3.1E-08
325	UCART14	397581.15	3767271.98	397581.15, 3767271.98	2.00E-03	1.3E-06	2.1E-08
326	UCART15	397626.15	3767271.98	397626.15, 3767271.98	1.49E-03	9.9E-07	1.5E-08
327	UCART16	397671.15	3767271.98	397671.15, 3767271.98	1.21E-03	8.0E-07	1.3E-08
328	UCART17	397716.15	3767271.98	397716.15, 3767271.98	9.50E-04	6.3E-07	9.9E-09
329	UCART18	397761.15	3767271.98	397761.15, 3767271.98	7.75E-04	5.1E-07	8.1E-09
330	UCART19	397806.15	3767271.98	397806.15, 3767271.98	6.42E-04	4.2E-07	6.7E-09
331	UCART20	397851.15	3767271.98	397851.15, 3767271.98	5.34E-04	3.5E-07	5.6E-09
332	UCART21	397896.15	3767271.98	397896.15, 3767271.98	4.50E-04	3.0E-07	4.7E-09
333	UCART22	397941.15	3767271.98	397941.15, 3767271.98	3.85E-04	2.5E-07	4.0E-09
334	UCART23	396456.15	3767316.98	396456.15, 3767316.98	3.22E-04	2.1E-07	3.4E-09
335	UCART24	396501.15	3767316.98	396501.15, 3767316.98	3.58E-04	2.4E-07	3.7E-09
336	UCART25	396546.15	3767316.98	396546.15, 3767316.98	4.00E-04	2.6E-07	4.2E-09
337	UCART26	396591.15	3767316.98	396591.15, 3767316.98	4.70E-04	3.1E-07	4.9E-09
338	UCART27	396636.15	3767316.98	396636.15, 3767316.98	5.83E-04	3.9E-07	6.1E-09
339	UCART28	396681.15	3767316.98	396681.15, 3767316.98	7.61E-04	5.0E-07	7.9E-09
340	UCART29	396726.15	3767316.98	396726.15, 3767316.98	9.90E-04	6.5E-07	1.0E-08
341	UCART30	396771.15	3767316.98	396771.15, 3767316.98	1.40E-03	9.3E-07	1.5E-08
342	UCART31	396816.15	3767316.98	396816.15, 3767316.98	1.89E-03	1.3E-06	2.0E-08
343	UCART32	396861.15	3767316.98	396861.15, 3767316.98	2.66E-03	1.8E-06	2.8E-08
344	UCART33	396906.15	3767316.98	396906.15, 3767316.98	3.37E-03	2.2E-06	3.5E-08
345	UCART34	396951.15	3767316.98	396951.15, 3767316.98	4.98E-03	3.3E-06	5.2E-08
346	UCART35	396996.15	3767316.98	396996.15, 3767316.98	7.24E-03	4.8E-06	7.5E-08
347	UCART36	397311.15	3767316.98	397311.15, 3767316.98	2.18E-02	1.4E-05	2.3E-07
348	UCART37	397356.15	3767316.98	397356.15, 3767316.98	1.41E-02	9.3E-06	1.5E-07
349	UCART38	397401.15	3767316.98	397401.15, 3767316.98	8.46E-03	5.6E-06	8.8E-08
350	UCART39	397446.15	3767316.98	397446.15, 3767316.98	5.72E-03	3.8E-06	5.9E-08
351	UCART40	397491.15	3767316.98	397491.15, 3767316.98	3.92E-03	2.6E-06	4.1E-08
352	UCART41	397536.15	3767316.98	397536.15, 3767316.98	2.67E-03	1.8E-06	2.8E-08
353	UCART42	397581.15	3767316.98	397581.15, 3767316.98	1.88E-03	1.2E-06	2.0E-08
354	UCART43	397626.15	3767316.98	397626.15, 3767316.98	1.40E-03	9.3E-07	1.5E-08
355	UCART44	397671.15	3767316.98	397671.15, 3767316.98	1.19E-03	7.9E-07	1.2E-08
356	UCART45	397716.15	3767316.98	397716.15, 3767316.98	9.84E-04	6.5E-07	1.0E-08
357	UCART46	397761.15	3767316.98	397761.15, 3767316.98	7.96E-04	5.3E-07	8.3E-09
358	UCART47	397806.15	3767316.98	397806.15, 3767316.98	6.45E-04	4.3E-07	6.7E-09
359	UCART48	397851.15	3767316.98	397851.15, 3767316.98	5.50E-04	3.6E-07	5.7E-09
360	UCART49	397896.15	3767316.98	397896.15, 3767316.98	4.62E-04	3.1E-07	4.8E-09
361	UCART50	397941.15	3767316.98	397941.15, 3767316.98	4.00E-04	2.6E-07	4.2E-09

362	UCART51	396456.15	3767361.98	396456.15, 3767361.98	3.18E-04	2.1E-07	3.3E-09
363	UCART52	396501.15	3767361.98	396501.15, 3767361.98	3.36E-04	2.2E-07	3.5E-09
364	UCART53	396546.15	3767361.98	396546.15, 3767361.98	3.73E-04	2.5E-07	3.9E-09
365	UCART54	396591.15	3767361.98	396591.15, 3767361.98	4.42E-04	2.9E-07	4.6E-09
366	UCART55	396636.15	3767361.98	396636.15, 3767361.98	5.36E-04	3.5E-07	5.6E-09
367	UCART56	396681.15	3767361.98	396681.15, 3767361.98	7.03E-04	4.7E-07	7.3E-09
368	UCART57	396726.15	3767361.98	396726.15, 3767361.98	9.43E-04	6.2E-07	9.8E-09
369	UCART58	396771.15	3767361.98	396771.15, 3767361.98	1.26E-03	8.3E-07	1.3E-08
370	UCART59	396816.15	3767361.98	396816.15, 3767361.98	1.64E-03	1.1E-06	1.7E-08
371	UCART60	396861.15	3767361.98	396861.15, 3767361.98	2.21E-03	1.5E-06	2.3E-08
372	UCART61	396906.15	3767361.98	396906.15, 3767361.98	2.77E-03	1.8E-06	2.9E-08
373	UCART62	396951.15	3767361.98	396951.15, 3767361.98	3.59E-03	2.4E-06	3.7E-08
374	UCART63	396996.15	3767361.98	396996.15, 3767361.98	5.00E-03	3.3E-06	5.2E-08
375	UCART64	397041.15	3767361.98	397041.15, 3767361.98	6.37E-03	4.2E-06	6.6E-08
376	UCART65	397086.15	3767361.98	397086.15, 3767361.98	7.44E-03	4.9E-06	7.7E-08
377	UCART66	397131.15	3767361.98	397131.15, 3767361.98	9.80E-03	6.5E-06	1.0E-07
378	UCART67	397176.15	3767361.98	397176.15, 3767361.98	1.26E-02	8.3E-06	1.3E-07
379	UCART68	397221.15	3767361.98	397221.15, 3767361.98	1.55E-02	1.0E-05	1.6E-07
380	UCART69	397266.15	3767361.98	397266.15, 3767361.98	1.57E-02	1.0E-05	1.6E-07
381	UCART70	397311.15	3767361.98	397311.15, 3767361.98	1.22E-02	8.1E-06	1.3E-07
382	UCART71	397356.15	3767361.98	397356.15, 3767361.98	9.55E-03	6.3E-06	9.9E-08
383	UCART72	397401.15	3767361.98	397401.15, 3767361.98	6.50E-03	4.3E-06	6.8E-08
384	UCART73	397446.15	3767361.98	397446.15, 3767361.98	4.95E-03	3.3E-06	5.2E-08
385	UCART74	397491.15	3767361.98	397491.15, 3767361.98	3.63E-03	2.4E-06	3.8E-08
386	UCART75	397536.15	3767361.98	397536.15, 3767361.98	2.64E-03	1.7E-06	2.7E-08
387	UCART76	397581.15	3767361.98	397581.15, 3767361.98	1.94E-03	1.3E-06	2.0E-08
388	UCART77	397626.15	3767361.98	397626.15, 3767361.98	1.46E-03	9.6E-07	1.5E-08
389	UCART78	397671.15	3767361.98	397671.15, 3767361.98	1.14E-03	7.5E-07	1.2E-08
390	UCART79	397716.15	3767361.98	397716.15, 3767361.98	9.75E-04	6.5E-07	1.0E-08
391	UCART80	397761.15	3767361.98	397761.15, 3767361.98	8.03E-04	5.3E-07	8.4E-09
392	UCART81	397806.15	3767361.98	397806.15, 3767361.98	6.41E-04	4.2E-07	6.7E-09
393	UCART82	397851.15	3767361.98	397851.15, 3767361.98	5.53E-04	3.7E-07	5.8E-09
394	UCART83	397896.15	3767361.98	397896.15, 3767361.98	4.71E-04	3.1E-07	4.9E-09
395	UCART84	397941.15	3767361.98	397941.15, 3767361.98	4.01E-04	2.7E-07	4.2E-09
396	UCART85	396456.15	3767406.98	396456.15, 3767406.98	3.00E-04	2.0E-07	3.1E-09
397	UCART86	396501.15	3767406.98	396501.15, 3767406.98	3.22E-04	2.1E-07	3.3E-09
398	UCART87	396546.15	3767406.98	396546.15, 3767406.98	3.56E-04	2.4E-07	3.7E-09
399	UCART88	396591.15	3767406.98	396591.15, 3767406.98	4.22E-04	2.8E-07	4.4E-09
400	UCART89	396636.15	3767406.98	396636.15, 3767406.98	5.35E-04	3.5E-07	5.6E-09
401	UCART90	396681.15	3767406.98	396681.15, 3767406.98	6.87E-04	4.5E-07	7.1E-09
402	UCART91	396726.15	3767406.98	396726.15, 3767406.98	8.79E-04	5.8E-07	9.1E-09
403	UCART92	396771.15	3767406.98	396771.15, 3767406.98	1.12E-03	7.4E-07	1.2E-08
404	UCART93	396816.15	3767406.98	396816.15, 3767406.98	1.43E-03	9.5E-07	1.5E-08
405	UCART94	396861.15	3767406.98	396861.15, 3767406.98	1.86E-03	1.2E-06	1.9E-08
406	UCART95	396906.15	3767406.98	396906.15, 3767406.98	2.30E-03	1.5E-06	2.4E-08
407	UCART96	396951.15	3767406.98	396951.15, 3767406.98	2.85E-03	1.9E-06	3.0E-08
408	UCART97	396996.15	3767406.98	396996.15, 3767406.98	3.55E-03	2.4E-06	3.7E-08
409	UCART98	397041.15	3767406.98	397041.15, 3767406.98	4.25E-03	2.8E-06	4.4E-08
410	UCART99	397086.15	3767406.98	397086.15, 3767406.98	5.05E-03	3.3E-06	5.2E-08
411	UCART10	397131.15	3767406.98	397131.15, 3767406.98	6.29E-03	4.2E-06	6.5E-08
412	UCART10	397176.15	3767406.98	397176.15, 3767406.98	7.85E-03	5.2E-06	8.2E-08
413	UCART10	397221.15	3767406.98	397221.15, 3767406.98	9.18E-03	6.1E-06	9.5E-08
414	UCART10	397266.15	3767406.98	397266.15, 3767406.98	9.54E-03	6.3E-06	9.9E-08

415	UCART10	397311.15	3767406.98	397311.15, 3767406.98	8.66E-03	5.7E-06	9.0E-08
416	UCART10	397356.15	3767406.98	397356.15, 3767406.98	7.19E-03	4.8E-06	7.5E-08
417	UCART10	397401.15	3767406.98	397401.15, 3767406.98	5.41E-03	3.6E-06	5.6E-08
418	UCART10	397446.15	3767406.98	397446.15, 3767406.98	4.22E-03	2.8E-06	4.4E-08
419	UCART10	397491.15	3767406.98	397491.15, 3767406.98	3.24E-03	2.1E-06	3.4E-08
420	UCART10	397536.15	3767406.98	397536.15, 3767406.98	2.48E-03	1.6E-06	2.6E-08
421	UCART11	397581.15	3767406.98	397581.15, 3767406.98	1.90E-03	1.3E-06	2.0E-08
422	UCART11	397626.15	3767406.98	397626.15, 3767406.98	1.48E-03	9.8E-07	1.5E-08
423	UCART11	397671.15	3767406.98	397671.15, 3767406.98	1.16E-03	7.7E-07	1.2E-08
424	UCART11	397716.15	3767406.98	397716.15, 3767406.98	9.31E-04	6.2E-07	9.7E-09
425	UCART11	397761.15	3767406.98	397761.15, 3767406.98	8.17E-04	5.4E-07	8.5E-09
426	UCART11	396456.15	3767451.98	396456.15, 3767451.98	2.80E-04	1.8E-07	2.9E-09
427	UCART11	396501.15	3767451.98	396501.15, 3767451.98	3.02E-04	2.0E-07	3.1E-09
428	UCART11	396546.15	3767451.98	396546.15, 3767451.98	3.41E-04	2.3E-07	3.5E-09
429	UCART11	396591.15	3767451.98	396591.15, 3767451.98	3.99E-04	2.6E-07	4.1E-09
430	UCART11	396636.15	3767451.98	396636.15, 3767451.98	4.97E-04	3.3E-07	5.2E-09
431	UCART12	396681.15	3767451.98	396681.15, 3767451.98	6.25E-04	4.1E-07	6.5E-09
432	UCART12	396726.15	3767451.98	396726.15, 3767451.98	7.78E-04	5.1E-07	8.1E-09
433	UCART12	396771.15	3767451.98	396771.15, 3767451.98	9.95E-04	6.6E-07	1.0E-08
434	UCART12	396816.15	3767451.98	396816.15, 3767451.98	1.25E-03	8.3E-07	1.3E-08
435	UCART12	396861.15	3767451.98	396861.15, 3767451.98	1.56E-03	1.0E-06	1.6E-08
436	UCART12	396906.15	3767451.98	396906.15, 3767451.98	1.91E-03	1.3E-06	2.0E-08
437	UCART12	396951.15	3767451.98	396951.15, 3767451.98	2.30E-03	1.5E-06	2.4E-08
438	UCART12	396996.15	3767451.98	396996.15, 3767451.98	2.77E-03	1.8E-06	2.9E-08
439	UCART12	397041.15	3767451.98	397041.15, 3767451.98	3.26E-03	2.2E-06	3.4E-08
440	UCART12	397086.15	3767451.98	397086.15, 3767451.98	3.86E-03	2.6E-06	4.0E-08
441	UCART13	397131.15	3767451.98	397131.15, 3767451.98	4.57E-03	3.0E-06	4.8E-08
442	UCART13	397176.15	3767451.98	397176.15, 3767451.98	5.40E-03	3.6E-06	5.6E-08
443	UCART13	397221.15	3767451.98	397221.15, 3767451.98	6.23E-03	4.1E-06	6.5E-08
444	UCART13	397266.15	3767451.98	397266.15, 3767451.98	6.51E-03	4.3E-06	6.8E-08
445	UCART13	397311.15	3767451.98	397311.15, 3767451.98	6.26E-03	4.1E-06	6.5E-08
446	UCART13	397356.15	3767451.98	397356.15, 3767451.98	5.49E-03	3.6E-06	5.7E-08
447	UCART13	397401.15	3767451.98	397401.15, 3767451.98	4.43E-03	2.9E-06	4.6E-08
448	UCART13	397446.15	3767451.98	397446.15, 3767451.98	3.58E-03	2.4E-06	3.7E-08
449	UCART13	397491.15	3767451.98	397491.15, 3767451.98	2.87E-03	1.9E-06	3.0E-08
450	UCART13	397536.15	3767451.98	397536.15, 3767451.98	2.28E-03	1.5E-06	2.4E-08
451	UCART14	397581.15	3767451.98	397581.15, 3767451.98	1.82E-03	1.2E-06	1.9E-08
452	UCART14	397626.15	3767451.98	397626.15, 3767451.98	1.45E-03	9.6E-07	1.5E-08
453	UCART14	397671.15	3767451.98	397671.15, 3767451.98	1.16E-03	7.7E-07	1.2E-08
454	UCART14	397716.15	3767451.98	397716.15, 3767451.98	9.45E-04	6.3E-07	9.8E-09
455	UCART14	397761.15	3767451.98	397761.15, 3767451.98	7.86E-04	5.2E-07	8.2E-09
456	UCART14	396456.15	3767496.98	396456.15, 3767496.98	2.62E-04	1.7E-07	2.7E-09
457	UCART14	396501.15	3767496.98	396501.15, 3767496.98	2.87E-04	1.9E-07	3.0E-09
458	UCART14	396546.15	3767496.98	396546.15, 3767496.98	3.25E-04	2.2E-07	3.4E-09
459	UCART14	396591.15	3767496.98	396591.15, 3767496.98	3.84E-04	2.5E-07	4.0E-09
460	UCART14	396636.15	3767496.98	396636.15, 3767496.98	4.53E-04	3.0E-07	4.7E-09
461	UCART15	396681.15	3767496.98	396681.15, 3767496.98	5.29E-04	3.5E-07	5.5E-09
462	UCART15	396726.15	3767496.98	396726.15, 3767496.98	6.49E-04	4.3E-07	6.7E-09
463	UCART15	396771.15	3767496.98	396771.15, 3767496.98	8.79E-04	5.8E-07	9.1E-09
464	UCART15	396816.15	3767496.98	396816.15, 3767496.98	1.10E-03	7.3E-07	1.1E-08
465	UCART15	396861.15	3767496.98	396861.15, 3767496.98	1.35E-03	8.9E-07	1.4E-08
466	UCART15	396906.15	3767496.98	396906.15, 3767496.98	1.61E-03	1.1E-06	1.7E-08
467	UCART15	396951.15	3767496.98	396951.15, 3767496.98	1.90E-03	1.3E-06	2.0E-08

468	UCART15	396996.15	3767496.98	396996.15, 3767496.98	2.25E-03	1.5E-06	2.3E-08
469	UCART15	397041.15	3767496.98	397041.15, 3767496.98	2.60E-03	1.7E-06	2.7E-08
470	UCART15	397086.15	3767496.98	397086.15, 3767496.98	3.00E-03	2.0E-06	3.1E-08
471	UCART16	397131.15	3767496.98	397131.15, 3767496.98	3.49E-03	2.3E-06	3.6E-08
472	UCART16	397176.15	3767496.98	397176.15, 3767496.98	4.03E-03	2.7E-06	4.2E-08
473	UCART16	397221.15	3767496.98	397221.15, 3767496.98	4.51E-03	3.0E-06	4.7E-08
474	UCART16	397266.15	3767496.98	397266.15, 3767496.98	4.75E-03	3.1E-06	4.9E-08
475	UCART16	397311.15	3767496.98	397311.15, 3767496.98	4.66E-03	3.1E-06	4.8E-08
476	UCART16	397356.15	3767496.98	397356.15, 3767496.98	4.33E-03	2.9E-06	4.5E-08
477	UCART16	397401.15	3767496.98	397401.15, 3767496.98	3.70E-03	2.4E-06	3.8E-08
478	UCART16	397446.15	3767496.98	397446.15, 3767496.98	3.09E-03	2.0E-06	3.2E-08
479	UCART16	397491.15	3767496.98	397491.15, 3767496.98	2.52E-03	1.7E-06	2.6E-08
480	UCART16	397536.15	3767496.98	397536.15, 3767496.98	2.07E-03	1.4E-06	2.2E-08
481	UCART17	397581.15	3767496.98	397581.15, 3767496.98	1.70E-03	1.1E-06	1.8E-08
482	UCART17	397626.15	3767496.98	397626.15, 3767496.98	1.39E-03	9.2E-07	1.4E-08
483	UCART17	397671.15	3767496.98	397671.15, 3767496.98	1.14E-03	7.6E-07	1.2E-08
484	UCART17	397716.15	3767496.98	397716.15, 3767496.98	9.44E-04	6.2E-07	9.8E-09
485	UCART17	397761.15	3767496.98	397761.15, 3767496.98	7.98E-04	5.3E-07	8.3E-09
486	UCART17	396456.15	3767541.98	396456.15, 3767541.98	2.57E-04	1.7E-07	2.7E-09
487	UCART17	396501.15	3767541.98	396501.15, 3767541.98	2.78E-04	1.8E-07	2.9E-09
488	UCART17	396546.15	3767541.98	396546.15, 3767541.98	3.09E-04	2.0E-07	3.2E-09
489	UCART17	396591.15	3767541.98	396591.15, 3767541.98	3.53E-04	2.3E-07	3.7E-09
490	UCART17	396636.15	3767541.98	396636.15, 3767541.98	3.95E-04	2.6E-07	4.1E-09
491	UCART18	396681.15	3767541.98	396681.15, 3767541.98	4.54E-04	3.0E-07	4.7E-09
492	UCART18	396726.15	3767541.98	396726.15, 3767541.98	5.70E-04	3.8E-07	5.9E-09
493	UCART18	396771.15	3767541.98	396771.15, 3767541.98	8.05E-04	5.3E-07	8.4E-09
494	UCART18	396816.15	3767541.98	396816.15, 3767541.98	9.67E-04	6.4E-07	1.0E-08
495	UCART18	396861.15	3767541.98	396861.15, 3767541.98	1.13E-03	7.5E-07	1.2E-08
496	UCART18	396906.15	3767541.98	396906.15, 3767541.98	1.38E-03	9.1E-07	1.4E-08
497	UCART18	396951.15	3767541.98	396951.15, 3767541.98	1.61E-03	1.1E-06	1.7E-08
498	UCART18	396996.15	3767541.98	396996.15, 3767541.98	1.89E-03	1.2E-06	2.0E-08
499	UCART18	397041.15	3767541.98	397041.15, 3767541.98	2.11E-03	1.4E-06	2.2E-08
500	UCART18	397086.15	3767541.98	397086.15, 3767541.98	2.44E-03	1.6E-06	2.5E-08
501	UCART19	397131.15	3767541.98	397131.15, 3767541.98	2.75E-03	1.8E-06	2.9E-08
502	UCART19	397176.15	3767541.98	397176.15, 3767541.98	3.08E-03	2.0E-06	3.2E-08
503	UCART19	397221.15	3767541.98	397221.15, 3767541.98	3.41E-03	2.3E-06	3.5E-08
504	UCART19	397266.15	3767541.98	397266.15, 3767541.98	3.60E-03	2.4E-06	3.7E-08
505	UCART19	397311.15	3767541.98	397311.15, 3767541.98	3.60E-03	2.4E-06	3.7E-08
506	UCART19	397356.15	3767541.98	397356.15, 3767541.98	3.42E-03	2.3E-06	3.6E-08
507	UCART19	397401.15	3767541.98	397401.15, 3767541.98	3.10E-03	2.0E-06	3.2E-08
508	UCART19	397446.15	3767541.98	397446.15, 3767541.98	2.57E-03	1.7E-06	2.7E-08
509	UCART19	397491.15	3767541.98	397491.15, 3767541.98	2.19E-03	1.4E-06	2.3E-08
510	UCART19	397536.15	3767541.98	397536.15, 3767541.98	1.85E-03	1.2E-06	1.9E-08
511	UCART20	397581.15	3767541.98	397581.15, 3767541.98	1.57E-03	1.0E-06	1.6E-08
512	UCART20	397626.15	3767541.98	397626.15, 3767541.98	1.31E-03	8.7E-07	1.4E-08
513	UCART20	397671.15	3767541.98	397671.15, 3767541.98	1.09E-03	7.2E-07	1.1E-08
514	UCART20	397716.15	3767541.98	397716.15, 3767541.98	9.16E-04	6.1E-07	9.5E-09
515	UCART20	397761.15	3767541.98	397761.15, 3767541.98	7.86E-04	5.2E-07	8.2E-09
516	UCART20	396456.15	3767586.98	396456.15, 3767586.98	2.44E-04	1.6E-07	2.5E-09
517	UCART20	396501.15	3767586.98	396501.15, 3767586.98	2.64E-04	1.7E-07	2.7E-09
518	UCART20	396546.15	3767586.98	396546.15, 3767586.98	2.90E-04	1.9E-07	3.0E-09
519	UCART20	396591.15	3767586.98	396591.15, 3767586.98	3.24E-04	2.1E-07	3.4E-09
520	UCART20	396636.15	3767586.98	396636.15, 3767586.98	3.68E-04	2.4E-07	3.8E-09

521	UCART21	396681.15	3767586.98	396681.15, 3767586.98	4.29E-04	2.8E-07	4.5E-09
522	UCART21	396726.15	3767586.98	396726.15, 3767586.98	5.86E-04	3.9E-07	6.1E-09
523	UCART21	396771.15	3767586.98	396771.15, 3767586.98	7.24E-04	4.8E-07	7.5E-09
524	UCART21	396816.15	3767586.98	396816.15, 3767586.98	8.32E-04	5.5E-07	8.7E-09
525	UCART21	396861.15	3767586.98	396861.15, 3767586.98	9.62E-04	6.4E-07	1.0E-08
526	UCART21	396906.15	3767586.98	396906.15, 3767586.98	1.15E-03	7.6E-07	1.2E-08
527	UCART21	396951.15	3767586.98	396951.15, 3767586.98	1.30E-03	8.6E-07	1.4E-08
528	UCART21	396996.15	3767586.98	396996.15, 3767586.98	1.55E-03	1.0E-06	1.6E-08
529	UCART21	397041.15	3767586.98	397041.15, 3767586.98	1.78E-03	1.2E-06	1.8E-08
530	UCART21	397086.15	3767586.98	397086.15, 3767586.98	2.01E-03	1.3E-06	2.1E-08
531	UCART22	397131.15	3767586.98	397131.15, 3767586.98	2.23E-03	1.5E-06	2.3E-08
532	UCART22	397176.15	3767586.98	397176.15, 3767586.98	2.45E-03	1.6E-06	2.5E-08
533	UCART22	397221.15	3767586.98	397221.15, 3767586.98	2.63E-03	1.7E-06	2.7E-08
534	UCART22	397266.15	3767586.98	397266.15, 3767586.98	2.79E-03	1.8E-06	2.9E-08
535	UCART22	397311.15	3767586.98	397311.15, 3767586.98	2.81E-03	1.9E-06	2.9E-08
536	UCART22	397356.15	3767586.98	397356.15, 3767586.98	2.73E-03	1.8E-06	2.8E-08
537	UCART22	397401.15	3767586.98	397401.15, 3767586.98	2.53E-03	1.7E-06	2.6E-08
538	UCART22	397446.15	3767586.98	397446.15, 3767586.98	2.16E-03	1.4E-06	2.3E-08
539	UCART22	397491.15	3767586.98	397491.15, 3767586.98	1.91E-03	1.3E-06	2.0E-08
540	UCART22	397536.15	3767586.98	397536.15, 3767586.98	1.65E-03	1.1E-06	1.7E-08
541	UCART23	397581.15	3767586.98	397581.15, 3767586.98	1.42E-03	9.4E-07	1.5E-08
542	UCART23	397626.15	3767586.98	397626.15, 3767586.98	1.22E-03	8.1E-07	1.3E-08
543	UCART23	397671.15	3767586.98	397671.15, 3767586.98	1.03E-03	6.8E-07	1.1E-08
544	UCART23	397716.15	3767586.98	397716.15, 3767586.98	8.78E-04	5.8E-07	9.1E-09
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546	UCART23	396456.15	3767631.98	396456.15, 3767631.98	2.23E-04	1.5E-07	2.3E-09
547	UCART23	396501.15	3767631.98	396501.15, 3767631.98	2.45E-04	1.6E-07	2.6E-09
548	UCART23	396546.15	3767631.98	396546.15, 3767631.98	2.73E-04	1.8E-07	2.8E-09
549	UCART23	396591.15	3767631.98	396591.15, 3767631.98	3.07E-04	2.0E-07	3.2E-09
550	UCART23	396636.15	3767631.98	396636.15, 3767631.98	3.53E-04	2.3E-07	3.7E-09
551	UCART24	396681.15	3767631.98	396681.15, 3767631.98	4.42E-04	2.9E-07	4.6E-09
552	UCART24	396726.15	3767631.98	396726.15, 3767631.98	5.60E-04	3.7E-07	5.8E-09
553	UCART24	396771.15	3767631.98	396771.15, 3767631.98	6.39E-04	4.2E-07	6.6E-09
554	UCART24	396816.15	3767631.98	396816.15, 3767631.98	6.93E-04	4.6E-07	7.2E-09
555	UCART24	396861.15	3767631.98	396861.15, 3767631.98	8.16E-04	5.4E-07	8.5E-09
556	UCART24	396906.15	3767631.98	396906.15, 3767631.98	9.53E-04	6.3E-07	9.9E-09
557	UCART24	396951.15	3767631.98	396951.15, 3767631.98	1.07E-03	7.1E-07	1.1E-08
558	UCART24	396996.15	3767631.98	396996.15, 3767631.98	1.25E-03	8.3E-07	1.3E-08
559	UCART24	397041.15	3767631.98	397041.15, 3767631.98	1.45E-03	9.6E-07	1.5E-08
560	UCART24	397086.15	3767631.98	397086.15, 3767631.98	1.64E-03	1.1E-06	1.7E-08
561	UCART25	397131.15	3767631.98	397131.15, 3767631.98	1.83E-03	1.2E-06	1.9E-08
562	UCART25	397176.15	3767631.98	397176.15, 3767631.98	1.96E-03	1.3E-06	2.0E-08
563	UCART25	397221.15	3767631.98	397221.15, 3767631.98	2.08E-03	1.4E-06	2.2E-08
564	UCART25	397266.15	3767631.98	397266.15, 3767631.98	2.20E-03	1.5E-06	2.3E-08
565	UCART25	397311.15	3767631.98	397311.15, 3767631.98	2.25E-03	1.5E-06	2.3E-08
566	UCART25	397356.15	3767631.98	397356.15, 3767631.98	2.21E-03	1.5E-06	2.3E-08
567	UCART25	397401.15	3767631.98	397401.15, 3767631.98	2.10E-03	1.4E-06	2.2E-08
568	UCART25	397446.15	3767631.98	397446.15, 3767631.98	1.86E-03	1.2E-06	1.9E-08
569	UCART25	397491.15	3767631.98	397491.15, 3767631.98	1.66E-03	1.1E-06	1.7E-08
570	UCART25	397536.15	3767631.98	397536.15, 3767631.98	1.47E-03	9.7E-07	1.5E-08
571	UCART26	397581.15	3767631.98	397581.15, 3767631.98	1.28E-03	8.5E-07	1.3E-08
572	UCART26	397626.15	3767631.98	397626.15, 3767631.98	1.12E-03	7.4E-07	1.2E-08
573	UCART26	397671.15	3767631.98	397671.15, 3767631.98	9.65E-04	6.4E-07	1.0E-08

574	UCART26	397716.15	3767631.98	397716.15, 3767631.98	8.35E-04	5.5E-07	8.7E-09
575	UCART26	397761.15	3767631.98	397761.15, 3767631.98	7.28E-04	4.8E-07	7.6E-09
576	UCART26	396456.15	3767676.98	396456.15, 3767676.98	2.11E-04	1.4E-07	2.2E-09
577	UCART26	396501.15	3767676.98	396501.15, 3767676.98	2.32E-04	1.5E-07	2.4E-09
578	UCART26	396546.15	3767676.98	396546.15, 3767676.98	2.60E-04	1.7E-07	2.7E-09
579	UCART26	396591.15	3767676.98	396591.15, 3767676.98	2.92E-04	1.9E-07	3.0E-09
580	UCART26	396636.15	3767676.98	396636.15, 3767676.98	3.47E-04	2.3E-07	3.6E-09
581	UCART27	396681.15	3767676.98	396681.15, 3767676.98	4.41E-04	2.9E-07	4.6E-09
582	UCART27	396726.15	3767676.98	396726.15, 3767676.98	5.06E-04	3.3E-07	5.3E-09
583	UCART27	396771.15	3767676.98	396771.15, 3767676.98	5.57E-04	3.7E-07	5.8E-09
584	UCART27	396816.15	3767676.98	396816.15, 3767676.98	5.98E-04	4.0E-07	6.2E-09
585	UCART27	396861.15	3767676.98	396861.15, 3767676.98	6.75E-04	4.5E-07	7.0E-09
586	UCART27	396906.15	3767676.98	396906.15, 3767676.98	7.38E-04	4.9E-07	7.7E-09
587	UCART27	396951.15	3767676.98	396951.15, 3767676.98	8.59E-04	5.7E-07	8.9E-09
588	UCART27	396996.15	3767676.98	396996.15, 3767676.98	1.01E-03	6.7E-07	1.1E-08
589	UCART27	397041.15	3767676.98	397041.15, 3767676.98	1.18E-03	7.8E-07	1.2E-08
590	UCART27	397086.15	3767676.98	397086.15, 3767676.98	1.36E-03	9.0E-07	1.4E-08
591	UCART28	397131.15	3767676.98	397131.15, 3767676.98	1.52E-03	1.0E-06	1.6E-08
592	UCART28	397176.15	3767676.98	397176.15, 3767676.98	1.62E-03	1.1E-06	1.7E-08
593	UCART28	397221.15	3767676.98	397221.15, 3767676.98	1.70E-03	1.1E-06	1.8E-08
594	UCART28	397266.15	3767676.98	397266.15, 3767676.98	1.76E-03	1.2E-06	1.8E-08
595	UCART28	397311.15	3767676.98	397311.15, 3767676.98	1.83E-03	1.2E-06	1.9E-08
596	UCART28	397356.15	3767676.98	397356.15, 3767676.98	1.82E-03	1.2E-06	1.9E-08
597	UCART28	397401.15	3767676.98	397401.15, 3767676.98	1.76E-03	1.2E-06	1.8E-08
598	UCART28	397446.15	3767676.98	397446.15, 3767676.98	1.60E-03	1.1E-06	1.7E-08
599	UCART28	397491.15	3767676.98	397491.15, 3767676.98	1.43E-03	9.5E-07	1.5E-08
600	UCART28	397536.15	3767676.98	397536.15, 3767676.98	1.30E-03	8.6E-07	1.3E-08
601	UCART29	397581.15	3767676.98	397581.15, 3767676.98	1.16E-03	7.7E-07	1.2E-08
602	UCART29	397626.15	3767676.98	397626.15, 3767676.98	1.02E-03	6.8E-07	1.1E-08
603	UCART29	397671.15	3767676.98	397671.15, 3767676.98	9.01E-04	6.0E-07	9.4E-09
604	UCART29	397716.15	3767676.98	397716.15, 3767676.98	7.91E-04	5.2E-07	8.2E-09
605	UCART29	397761.15	3767676.98	397761.15, 3767676.98	6.98E-04	4.6E-07	7.3E-09

Risk Summary

Residential Exposure
Construction (Unmitigated)

Location	X	Y	X, Y	Rec #	Concentration	Construction Risk	Risk Per Million	Threhold	
Residences West	396951.15	3767226.98	396951.15, 3767226.98	294	0.015047396	2.48747E-06	2.48746849	1.00E-05	LTS
Cancer Burden	396951.15	3767226.98	396951.15, 3767226.98	294	0.015047396	2.48747E-06	2.48746849	1.00E-05	LTS

Worker Exposure
Construction (Unmitigated)

Location	X	Y	X, Y	Rec #	Concentration	Construction Risk	Risk Per Million	Threhold	
Worker South	397131.15	3767046.98	397131.15, 3767046.98	184	0.010531286	1.09497E-07	0.109496518	1.00E-05	LTS

Table XX: Carcinogenic Risk Assessment

Exposure Scenario	Cancer Risk (Risk per Million)[1, 2]	Significance Threshold (Risk per Million)	Exceeds Significance Threshold?
Construction			
Residential	2.49	10	**No**
Worker	0.11	10	**No**

Table XX: Chronic Hazard Assessment

Exposure Scenario	Annual Concentration ($\mu g/m^3$) [1, 2]	Chronic Hazard [1]
Construction		
Residential	0.0150	0.0030
Worker	0.0105	0.0021
SCAQMD Threshold	*N/A*	*1*
Threshold Exceeded?	**N/A**	**No**

[1] Refer to Appendix A. According to OEHHA, the REL for DPM is 5 and the target organ is the respiratory system.

[2] The reported pollutant concentration is at the closest receptor (maximally exposed individual receptor).

REL (DPM): 5

Hazard Index = Ci/RELi

Risk Parameters

Phase I Construction Only (Start 3rd Tri)

0<2	1090	10	0.85	0.750
2<9	631	3	0.72	1
9<16	572	3	0.72	0
16<30	261	1	0.73	0
*Breathing rates are 95th percentile for 3rd to 2 and 80th percentile for 2				2

230	ft, distance to edge of 2 in one million risk isopleth	350	ft, distance to edge of 1 in one million risk isopleth
166,106	sq ft, area of circle with radius of 230 ft	384,650	sq ft, area of circle with radius of 350 ft
3.59E-08	sq miles/sq ft, conversion rate	3.59E-08	sq miles/sq ft, conversion rate
0.0060	sq miles	0.0138	sq miles
		218,544	sq ft, Area under the 1 in-one-million "ring"
		0.0078	sq miles, Area under the 1 in-one-million "ring"
61096	people City-wide	61096	people City-wide
7.7	sq miles	7.7	sq miles
7934.545455	people/sq mile	7934.545455	people/sq mile
47.263	people	62.18	people
2.49E-06	Average Cancer Risk in the 2 in one million isopleth	1.50E-06	Average Cancer Risk in the 1 in one million isopleth

0.0002 **Total Cancer Burden**

Appendix C

Tree Evaluation Report

Kimley»Horn

Consulting Arborist's Report

March 21, 2024
Revised 7/15/24

Tree Evaluation Report

1977 Saturn, Monterey Park

Prepared by: **Arborgate Consulting, Inc.**
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Introduction

Background

The project site is located in a commercial area of the City of Monterey Park at 1977 Saturn. SDCF Monterey Park is planning to reconfigure the site and the existing building. The site has been empty since about 2016, but the irrigation system is currently functioning. SDCF has asked Arborgate Consulting to evaluate and document the existing trees within the property lines. All the existing trees on this property are included in this study.

Assignment

Arborgate Consulting was asked to provide review and arboricultural evaluation of about 340 trees' health and condition, professional opinions on their preservation, and report as appropriate for the City of Monterey Park. Each tree 4-inch caliper or larger was to be measured and evaluated for health and structural quality for inclusion in this report. Photographs to illustrate typical conditions and setting will be included in the appendix. Recommendations by this consultant the landscape architect will be included for retention or removal, and for necessary construction clearance. This version of the report includes recommendations from Chris Ford the landscape architect.

Observations

General Conditions

This site is currently vacant and has been since about 2016. The site was built out almost 45 years ago in 1979. The property is being maintained and irrigated, but with no activity within the building. The building is two story and the size is 205,628 square feet. The building and 847 stalls of parking are set on a 15.83-acre site.

The parking lot tree pallet is dominated by carrotwoods, *Cupaniopsis anacardioides;* and cultivars of London plane tree, *Platanus x Hispanica*, that nearly surround the building. The main species on the surrounding project edges are eucalypt species, *Eucalyptus sideroxylon* and *Corymbia citriodora*, formerly *Eucalyptus citriodora*. Brazil peppers, *Schinus terebinthifolius,* sprout up as weeds among the trees on the edges of the surrounding slopes and landscape areas. Most of these are smaller than would be expected after 45 years, but most are constrained by hard pruning and the small root space in parking islands. As would be expected, the curbs adjoining and surrounding these trees have been damaged despite frequent pruning to control the size of these trees. Due to years of hard low-bid pruning, most of the trees have weak structure and some are falling apart. The parking lot planting spaces are a mixture of small square planters and end-cap island planters The small square planters do not have root barriers installed, but the carrotwoods' health is still failing due to lack of root space. The image on page 4 shows the general location of tree species.

The west edge of the site is delineated by a row of red ironbark, *Eucalyptus sideroxylon*, that are crowded and untrained. Several have died.

The street trees along Saturn east of the entry are larger cultivars of southern Magnolia, *Magnolia grandiflora cv*. Most are healthy, but being outside the fence, they are not included in the scope of this report. West of the entry there are sycamores along the street, possibly street trees, they are included in the report.

The preponderance of species planted here are carrotwoods and sycamores. There are 97 carrotwoods, 96 lemon gums, 55 red ironbarks, 37 London planes, 33 California sycamore, 13 magnolias and 10 Chinese elms. In many circles this would be considered mono-cultures. Of the 337 trees, 29.6% are carrotwoods, 29.4% are lemon gums, and 16.8% are red ironbark. Urban foresters often state that no more than 5% of the community plant pallet should be of one species. Being subject to many common ailments, the combined Platanus species come to 21.4%. This would mean that if a pest or disease infested or infected one of the main tree species, it could mean a significant loss of this site's tree canopy.

All, or nearly all, the elms, red ironbarks and lemon gums can be preserved because they are out of the way of improvements, but it looks like most and nearly all carrotwoods should be removed.

Due to the small size of the square parking islands, and the shallow rooted nature of this species, the carrotwoods planted there have significant dieback, are chlorotic and running out of root space. Soil chemistry has declined.

There are no rare or endangered species on site. Only one of the tree species is native or naturally occurring in California. None of these trees are naturally occurring on this site.

General Location of Tree Species



Pruning

As one way to reduce costs and slow down the growth of the trees, hard pruning, including topping and heading have been used. Trees in the small parking lot planters are equivalent to the urban trees in small sidewalk cutouts. One study published in American Forests magazine said that nationwide the average lifespan of urban trees is just seven years. The same article said that Los Angeles claims to have seventeen years of lifespan for their urban trees.

Trees with less foliage area grow slower than those allowed to grow naturally and unimpeded. However, the roots, trunks and limbs *must* increase in diameter or die. Parking lot trees are essentially potted plants, the ones with root barriers even more so.

There is a way to keep trees smaller by pruning, but it takes more knowledge, time and thought. The low-bid type of pruning found on this site is as common as the desire to save money, but now more trees have another reason to be removed. Not only do they have inadequate root space, but now their structure is beginning to fall apart and unless they are pruned more frequently, there will be more limb or branch failures. The carrotwoods in east front lot were headed back severely and probably in the wrong season. As a result, many got sun burned trunks, decay and dead branches around their canopies.

Heading cuts have created brushes of sprouts and growth just behind the pruning cuts, and the dominant sprouts become awkward doglegs. No training was done to properly space the main limbs and if they were growing better, the crowded limbs would begin to pinch each other out. Bark has been trapped between these limbs, further weaking their attachment. Now many of these limbs are also growing too long and with the brush of growth created by heading, are end heavy…i.e. not good trees to park under. This is why California State Government Code 53067 so strongly decries topping and heading.

> *"Topping is the practice of cutting back large diameter branches of a mature tree to stubs and is a particularly destructive pruning practice. It is stressful to mature trees, and may result in reduced vigor, decline, or even death of trees. In addition, new branches that form below the cuts are only weakly attached to the tree and are in danger of splitting out. Topped trees require constant maintenance to prevent this from happening and it is often impossible to restore the structure of the tree crown after topping."*

All or nearly all text books on arboriculture and pruning standards, e.g., ANSI A300 also warn against topping and heading.

A number of the red ironbarks behind the building were poorly trained. Codominant limbs with included bark is a common reason for limb failure. This species has unusually thick bark for a eucalypt. When the bark is included or trapped between limbs, it is more of a weakness than the same defect in other species.

Many of the London plane trees around the west lawn area had poorly made pruning cuts. They were too flush to the trunks. This is another issue that all pruning standards and guides warn against. A large number of trees in this area are declining, and a number have serious decay issues.

Soil Management

The two main related issues regarding soil management are compaction and turf management. Roots simply cannot penetrate soil compacted more than 300 PSI, (pounds per square inch) and resist penetration at compaction levels over 150 PSI. When the parking areas are graded and compacted, then the parking islands are built, the landscape contractors dig planting holes into the islands and square planters, but do not loosen the whole planter. As a result the roots are confined into much less space than trees need.

All the trees growing around the lawns here are shallow or very shallow rooted. Lawn areas are rototilled, at most loosening the top six inches. The lawns are then mowed and irrigated frequently. If you want to compact soil, you moisten it and roll back and forth over it. The west lawn area was soggy wet. Weekly the lawn mowers roll back and forth on wet or moist soil, and gradually that 6-inch deep area is compacted. The roots never were able to grow deeper than six-inches, and then that is reduced. So, trees in turf are shallow rooted. Then as the roots grow in diameter and stick up above the surface the lawn mowers injure them more and more. Many, if not most of the trees now in or previously in lawn areas have been injured by lawn maintenance equipment. Those injuries frequently lead to decay, and the decay can spread into the base of the tree. Turf is fertilized more than trees need and with much more nitrogen than trees should have. This weakens their wood and increases the length of their branches – not a good combination.

These factors conspire to reduce longevity of the trees. But now this site will be reconfigured and most of the site trees should be removed. Despite the shorter life spans from poor maintenance practices, most of the trees will go to a land fill or be ground and become mulch for the new smaller landscape area anyway.

They have all served their useful life span and are in decline. There are few if any of these trees that are worth transplanting.

Abbreviations in Matrix

The size, species, evaluation of health, structural condition, location, and the description of defects, health and condition of the trees are listed below. Arboricultural terms are defined in the glossary.

Abbreviations used in the following matrix include:

1s = one sided
1sRF = one-sided root flare
2long = too long
brk = broken limb
Chlor = chlorotic
Cod = codominant branching
Cr = crowded
Crk = cracked
CrS = crowded scaffold limbs
CrR = crowded roots
cv = cultivar
Db = dieback
Dk = decay
DKB = decayed base
DKT = decayed trunk
DL = dog-leg scaffolds
DLT = dog-leg trunk
Epi = epicormic shoots
FC = flush cuts
Hd = headed
Inc = included bark
LB = low branched
Lt = lion-tailing
noRF = no visible root flare
OL = over-lifted
OP = over-pruned
mSp = slightly sparse
Sp = sparse
Sh = shallow roots
SS = sunscald bark
Sup = suppressed crown class
SW-lift = sidewalk lifted
T = trunk
T-bow = bowed trunk
TD – tear down
Tinj = trunk injury
TO = limb tear out
Topd = topped
TTgird = trunk girdled by tree ties
Xing = crossing, rubbing limbs

Tree Evaluation Matrix

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Roots	Comments
1	Eucalyptus sideroxylon	19	45	30	C	C-	covered	Sp 1s
2	Eucalyptus sideroxylon	21	50	36	B	C	covered	Cod CrS
3	Eucalyptus sideroxylon	22	50	36	C	C-	covered	Cod Xing
4	Eucalyptus sideroxylon	22	55	30	B	C-	covered	Cod mLean
5	Eucalyptus sideroxylon	23 @ 2'	50	30	C	C-	covered	Cod LB 1s
6	Eucalyptus sideroxylon	14+11	40	36	C	C-	covered	Cod inc Sp Tinj
7	Eucalyptus sideroxylon	16	32	32	D	D	covered	Cod DL S-crk Sp
8	Eucalyptus sideroxylon	14	45	30	C-	C-	covered	Cod Hd DL Sp FC
9	Eucalyptus sideroxylon	16	55	36	C	C	covered	Cod-top inc
10	Eucalyptus sideroxylon	6,6,7,8,9	50	30	C	C-	covered	Stump Sprts TB
11	Eucalyptus sideroxylon	24	50	40	F	F	covered	Dead
12	Eucalyptus sideroxylon	17	50	36	C	C	okay	Cod inc
13	Eucalyptus sideroxylon	12+10	45	36	C-	C-	covered	Cod inc Sp epi
14	Eucalyptus sideroxylon	14	40	30	C-	C-	NoRF	Cod inc mLean Sp TB
15	Eucalyptus sideroxylon	13	45	26	C	C-	covered	Cod Hd DL TB Sp
16	Eucalyptus sideroxylon	14	40	24	F	F	covered	Cod Hd DL
17	Eucalyptus sideroxylon	23	45	26	D	D	covered	Cod inc Hd Bepi
18	Eucalyptus sideroxylon	14	35	24	F	F	covered	Hd mLean
19	Eucalyptus sideroxylon	16	50	36	C	C	covered	Cod DL 2long epi
20	Eucalyptus sideroxylon	14	50	30	C	B	covered	Cod-top mLean TB Hd
21	Eucalyptus sideroxylon	15	50	30	C	B	covered	CrS Sp Hd DL
22	Eucalyptus sideroxylon	16	50	30	C	C	covered	Cod-top Hd DL epi

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Roots	Comments
23	Eucalyptus sideroxylon	18	60	36	C-	C	covered	Cod Hd DL epi TB Bepi
24	Eucalyptus sideroxylon	20 @ 3'	55	32	C	C	covered	1s Cod LB TB Bepi
25	Eucalyptus sideroxylon	16	45	38	C-	C	covered	T-bow cod Hd DL TB Sp
26	Eucalyptus sideroxylon	16	50	30	B	C	covered	DLT cod-top Hd DL
27	Eucalyptus sideroxylon	13	50	25	C-	C	covered	Cod inc Sp TB
28	Eucalyptus sideroxylon	20	45	30	C	C-	covered	Cod inc Hd DL TB
29	Eucalyptus sideroxylon	8	20	15	C	C-	covered	Sup cod Hd DL TB
30	Eucalyptus sideroxylon	24	60	45	C	C-	okay	Cod inc mLean Hd DL TB
31	Eucalyptus sideroxylon	21	60	45	C-	C-	okay	Cod inc brk Sp TB Hd DL
32	Ulmus parvifolia	16	35	35	C	C-	covered	Leans out, cod topd 4 line-clearing epi
33	Ulmus parvifolia	6,6,6,5	30	20	C	C-	covered	1s cod topd 4 line-clearing
34	Ulmus parvifolia	14	35	30	C	C-	covered	1s topd Hd cod
35	Ulmus parvifolia	14	35	30	C	C-	covered	1s topd cod
36	Ulmus parvifolia	8,8,5	35	35	D	C-	covered	1s topd cod FC
37	Ulmus parvifolia	7,7,4,4	35	20	C	C-	covered	1s topd cod epi
38	Corymbia citriodora	14	65	40	C-	C-	covered	1s topd cod inc
39	Corymbia citriodora	15	70	30	C	C	covered	OP Sp Lt leans out DL
40	Ulmus parvifolia	17 @ 1'	35	30	C-	C-	covered	Cod inc Sp LB topd Hd
41	Ulmus parvifolia	13	30	22	C-	C-	covered	Cod inc Sp FC Lt
42	Ulmus parvifolia	16 @ 2'	30	30	C	C	covered	Cod inc Sp epi topd Hd
43	Ulmus parvifolia	14 @ 1'	25	24	C-	C-	Crowded	Cod inc B on swale
44	Eucalyptus leucoxylon	17	40	20	B	D	Crowded	Cod mLean Hd on swale
45	Corymbia citriodora	20	90	50	C	C	okay	SP Lt OP mDb
46	Corymbia citriodora	19	90	45	C	C	okay	SP Lt OP
47	Corymbia citriodora	12	60	30	C	C	okay	SP Lt OP TB cod DL

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Roots	Comments
48	Corymbia citriodora	10	50	18	C	D	okay	Binj DLT Sp OL
49	Corymbia citriodora	4+5	40	20	D	C	covered	Xing TB
50	Corymbia citriodora	6	45	20	C	C-	covered	Leans Sp
51	Corymbia citriodora	13	65	30	C	C	covered	Cod OL Hd DL Sp
52	Corymbia citriodora	9	70	25	C-	C	covered	Cod OL Sp
53	Corymbia citriodora	5	60	15	C	C	covered	Cod Bepi
54	Corymbia citriodora	18	70	40	C	D	covered	Cod OL Lt TB DL
55	Eucalyptus sideroxylon	17	45	24	B	C-	covered	Hd topd
56	Corymbia citriodora	13	70	28	C	C	okay	OL T-bow Lt
57	Corymbia citriodora	5	35	12	C	C-	okay	Binj OL cod
58	Corymbia citriodora	15	70	40	C-	D	okay	OP Lt Sp mDb
59	Cupaniopsis anacardioides	4	18	16	B	B	okay	CrS Bepi
60	Corymbia citriodora	2+2+2	20	9	C	C	covered	Stump Sprts TB Sp
61	Corymbia citriodora	9	70	20	C-	C-	okay	DLT OP Lt Sp Binj
62	Corymbia citriodora	8	65	25	C-	C	okay	OP Lt Sp TB
63	Corymbia citriodora	8	65	25	C-	C	okay	OP Lt Sp TB
64	Corymbia citriodora	4,2,2,1	35	15	B	C-	covered	Stump sprouts TB
65	Corymbia citriodora	11	65	35	C-	C-	covered	Cod OL OP Sp
66	Schinus terebinthifolius	1,1,1,1,1,1	8	12	A	D	covered	Stump sprouts
67	Grevillea robusta	15	45	22	B	B	Sh	mTop Db
68	Corymbia citriodora	15	80	36	C	C	okay	Gaffed OL OP Lt
69	Corymbia citriodora	4+5	35	18	C	C	covered	Cod OL OP
70	Corymbia citriodora	10	70	35	C-	C	okay	OL Lt OP Sp
71	Corymbia citriodora	3,4,5,3	45	24	C	C-	covered	stump sprouts
72	Corymbia citriodora	14+14+12	80	45	C	C-	covered	Cod OL Lt OP

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Roots	Comments
73	Corymbia citriodora	14	70	30	D	C-	covered	Cod OL Lt OP
74	Eucalyptus sideroxylon	18	70	32	B	C-	covered	Cod Hd DL 2long
75	Corymbia citriodora	8	40	18	C-	C-	okay	OL OP Sp Hd DL Lt
76	Corymbia citriodora	12	40	20	C-	C-	okay	OL OP Sp Hd DL Lt
77	Eucalyptus sideroxylon	17	65	30	B	C	covered	Cod Hd DL
78	Eucalyptus sideroxylon	13+14	60	35	B	C	covered	Cod Hd DL
79	Corymbia citriodora	12	70	30	C	C	okay	OL cod
80	Corymbia citriodora	6	55	18	C	C	covered	Sup by #79 Cr
81	Eucalyptus sideroxylon	14	70	35	B	C	okay	Cr#82 cod OL Hd DL
82	Eucalyptus sideroxylon	15	70	35	B	C	covered	Cr#81 cod 2long
83	Corymbia citriodora	14	70	35	C	C-	covered	OP Lt Sp
84	Corymbia citriodora	13	70	30	C	C-	covered	OP Lt Sp
85	Eucalyptus sideroxylon	21	70	20	C-	D	okay	Topd Hd DL Sp
86	Eucalyptus sideroxylon	20	70	35	C	C-	Sh	Cid CrS DL Xing epi
87	Eucalyptus sideroxylon	20	65	35	B	D	covered	T-seam cod inc Hd DL epi
88	Eucalyptus sideroxylon	11	60	20	C-	D	Sh	Sup Hd Sp Cr#89
89	Eucalyptus sideroxylon	24"b	65	35	C	D	covered	Cod inc 1s Hd DL Cr#88
90	Corymbia citriodora	16	70	35	C	C-	okay	Cod OP Lt Sp mDb
91	Corymbia citriodora	12	65	30	D	C-	okay	Sp Tinj Sp mDB FC
92	Corymbia citriodora	8	40	25	C-	D	covered	T-bow Sp
93	Corymbia citriodora	10	60	30	C	C	covered	2long Sp
94	Corymbia citriodora	10	55	24	C	C	covered	2long Sp
95	Eucalyptus sideroxylon	10	22	28	C	D	covered	T-bow Xing
96	Eucalyptus sideroxylon	8	45	12	D	D	covered	OL Sp Bepi
97	Corymbia citriodora	13	85	25	C	C-	covered	Leans

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Roots	Comments
98	Corymbia citriodora	10+12+13	80	40	D	D	covered	Db Xing leans
99	Eucalyptus sideroxylon	8+8+8	60	35	C	C-	covered	Sp DL Hd
100	Eucalyptus sideroxylon	15	80	40	B	C-	covered	Cod inc Hd DL
101	Magnolia grandiflora	13	18	16	C	C-	Sh	Top Hd Lt
102	Magnolia grandiflora	14	40	30	B	C	Sh	Cod mLt
103	Cupaniopsis anacardioides	10	24	20	C	C	Sh	Cod inc Xing pale
104	Cupaniopsis anacardioides	11.5	22	20	C	C	Sh	Cod inc Xing Sp pale
105	Cupaniopsis anacardioides	10	20	22	C	C-	Sh	Cod Binj Xing pale Sp T-seam
106	Cupaniopsis anacardioides	6.5	14	18	C	D	Crowded	Cod CrS LB mDb Tinj
107	Cupaniopsis anacardioides	8	16	18	C	C	Crowded	Cod Xing epi Db
108	Cupaniopsis anacardioides	7.2	16	14	D	D	Crowded	Leans cod inc Db Sp
109	Cupaniopsis anacardioides	10	18	20	C-	C-	Sh Crowded	Bleeding cod CrS Db Sp
110	Cupaniopsis anacardioides	8.5	16	16	C-	D	Crowded	Tinj cod Crk Db Sp
111	Cupaniopsis anacardioides	8.2	18	20	B	C	Crowded	Cod inc CrS Xing
112	Cupaniopsis anacardioides	6.2	18	20	B	C	Crowded	Cod CrS
113	Cupaniopsis anacardioides	7.5	20	20	B	C-	Crowded	Cod inc CrS Xing
114	Cupaniopsis anacardioides	9.5	20	20	C	C-	Crowded	Cod inc CrS Xing
115	Cupaniopsis anacardioides	9.2	20	20	B	C	Crowded	Cod inc CrS
116	Cupaniopsis anacardioides	9.2	20	18	C	C-	Crowded	Cod inc CrS TO Xing T-seams
117	Cupaniopsis anacardioides	10	20	20	D	D	Crowded	Cod inc CrS Db FC
118	Cupaniopsis anacardioides	11	20	20	C-	D	Crowded	Cod inc CrS Crk epi
119	Cupaniopsis anacardioides	9.3	20	20	B	D	Crowded	Cod inc CrS Crk epi
120	Cupaniopsis anacardioides	7.4	18	18	D	D	Crowded	Cod inc CrS Db Hd SS
121	Cupaniopsis anacardioides	9.4	20	20	C	C-	Crowded	Cod inc CrS mDb FC epi
122	Cupaniopsis anacardioides	9	20	20	C	C-	Crowded	Cod inc CrS Xing epi

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Roots	Comments
123	Cupaniopsis anacardioides	9	18	16	D	D	Sh Crowded	Cod inc CrS Xing epi Hd Db epi pale
124	Cupaniopsis anacardioides	9.2	16	15	D	D	Crowded	Cod inc Xing Hd Db epi
125	Cupaniopsis anacardioides	8.8	18	18	D	D	Crowded	T-galls cod inc Xing Hd Db epi pale
126	Cupaniopsis anacardioides	10	20	20	B	C-	Crowded	Cod CrS epi
127	Cupaniopsis anacardioides	11.5	20	28	B	C-	Crowded	Cod inc CrS epi
128	Cupaniopsis anacardioides	7.5	16	16	D	D	Crowded	Cod yellow SS CrS inc Db epi
129	Cupaniopsis anacardioides	8.6	15	18	C-	C-	Crowded	Cod inc CrS mDb epi pale
130	Cupaniopsis anacardioides	9	18	18	C-	C-	Crowded	Cod Db T-galls
131	Cupaniopsis anacardioides	8.6	18	18	C-	D	Crowded	Cod inc CrS Xing epi Db T-galls
132	Cupaniopsis anacardioides	9.5	20	20	C	D	Crowded	Cod inc CrS Xing epi pale
133	Cupaniopsis anacardioides	8.5 @ 3'	18	18	C	C-	Crowded	Cod inc Xing epi pale
134	Cupaniopsis anacardioides	7.6	20	20	B	D	Crowded	Cod inc CrS Crk Xing
135	Cupaniopsis anacardioides	11	20	20	C	D	Crowded	Cod inc CrS Xing Hd DL epi
136	Cupaniopsis anacardioides	8.5	20	20	C	C-	Sh Crowded	Cod inc CrS Hd DL epi
137	Cupaniopsis anacardioides	9	20	20	C	C-	Sh Crowded	Cod inc CrS Hd DL Xing epi
138	Cupaniopsis anacardioides	7.5	17	17	C	D	galls	Cod inc SS pale Hd DL epi
139	Cupaniopsis anacardioides	8	18	18	C-	D	galls	Cod inc CrS Xing Hd DL epi
140	Cupaniopsis anacardioides	8.8	20	20	C	D	Crowded	Cod inc CrS Xing Hd DL epi
141	Cupaniopsis anacardioides	9.5	20	20	C	D	Crowded	Cod inc CrS Xing Hd DL epi
142	Cupaniopsis anacardioides	7	18	18	C-	D	Crowded	Cod inc CrS Xing Db Hd DL epi
143	Cupaniopsis anacardioides	10	24	24	C	D	Crowded	Cod inc CrS Xing Db Hd DL epi pale
144	Cupaniopsis anacardioides	8.4	22	22	C-	D	Crowded	Cod inc CrS mLean Xing SS Db
145	Cupaniopsis anacardioides	10	20	20	B	C	Sh Crowded	Cod Hd DL Xing
146	Cupaniopsis anacardioides	18	28	30	B	C	Sh Crowded	Cod inc Hd DL
147	Cupaniopsis anacardioides	9.2	18	20	C	C-	Crowded	Cod inc CrS Hd DL

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Roots	Comments
148	Cupaniopsis anacardioides	7.3	18	18	C	C-	Crowded	Cod CrS Hd DL epi Xing
149	Cupaniopsis anacardioides	9.7	20	20	C	C-	Crowded	Cod inc CrS Hd DL epi Xing
150	Cupaniopsis anacardioides	12	20	20	B	C-	Crowded	Cod inc CrS Db DL Hd epi Xing
151	Cupaniopsis anacardioides	8.5	16	16	C-	D	Crowded	Cod Db DL Hd epi Xing
152	Cupaniopsis anacardioides	11	16	16	C-	D	Sh Crowded	Cod CrS inc Hd DL epi Xing
153	Cupaniopsis anacardioides	7.2	16	14	C-	D	Crowded	Cod CrS inc Hd DL epi Xing
154	Cupaniopsis anacardioides	6	14	12	C-	D	Crowded	Cod inc CrS Hd DL Db
155	Cupaniopsis anacardioides	5.6	14	12	D	D	Crowded	Cod Db SS T-crk yellow
156	Cupaniopsis anacardioides	13	20	20	C-	C-	Crowded	Cod inc CrS Hd epi DL Db
157	Cupaniopsis anacardioides	10.2	20	20	C-	D	Crowded	Cod inc CrS Hd epi DL Db
158	Platanus racemosa	19	55	35	C-	D	MB DK	Leans cod mildew FC epi 1s
159	Platanus racemosa	18	75	30	C	C	MB DK	T-bow Hd DL
160	Platanus racemosa	12.6	70	30	C	C	MB DK	CrS 1s Hd DL
161	Platanus racemosa	13	70	30	C	C	MB DK	Cod Hd DL
162	Platanus racemosa	13.5	70	30	C	C-	MB DK	Hd DL
163	Platanus racemosa	13.5	70	30	C	C	MB DK	Hd DL
164	Platanus racemosa	9.2	50	12	D	D	MB DK	Cod Cr#165 1s-cut leans
165	Platanus racemosa	15	55	40	C	C	MB DK	Cod FC Dk leans 45°
166	Platanus racemosa	8.9	40	30	D	D	Sprung DK	Cod epi leans 60°
167	Platanus racemosa	18	80	36	B	C	MB DK	Cod leans 45°
168	Platanus racemosa	11.5	50	30	C	C-	MB DK	Topd FC
169	Platanus racemosa	18	70	30	C	D	MB DK	hd DL leans 60°
170	Platanus racemosa	17	50	30	D	F	MB DK	TDK dead top
171	Platanus racemosa	16	50	25	D	D	MB DK	TDK topd dead top
172	Platanus racemosa	15	50	25	C-	D	MB DK	TDK Hd DL

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Roots	Comments
173	Platanus racemosa	14	45	22	C	D	MB DK	BDK Hd Db
174	Platanus racemosa	17	40	24	C	D	MB DK	BDK Hd
175	Platanus racemosa	19	60	35	B	C-	MB DK	Cod CrS Hd epi
176	Platanus racemosa	18	80	38	B	C	MB DK	Xing Hd DL
177	Platanus racemosa	18	80	30	B	C	MB DK	Hd DL epi
178	Platanus racemosa	20	80	36	B	C	MB DK	Hd DL epi
179	Platanus racemosa	19	70	50	B	C	MB DK	Cod Hd DL epi
180	Platanus racemosa	25	70	60	B	C	MB DK	CrS T-bow Leans 60° cod Hd DL
181	Platanus x Hispanica	16	60	50	B	C	covered	CrS Hd DL
182	Platanus x Hispanica	10	45	40	C	C	covered	1s cod
183	Platanus x Hispanica	10	35	27	C	C-	MB DK	dead leafs retained, cod 1s Hd DL
184	Platanus x Hispanica	10	37	25	C	C-	MB DK	dead leafs retained, Hd DL cod
185	Platanus x Hispanica	9	26	12	D	D	MB DK	dead leafs retained, TDk FC topd Hd Db
186	Platanus x Hispanica	10	16	11	D-	D-	MB DK	dead leafs retained, TDk FC topd Hd Db
187	Platanus x Hispanica	9	16	15	D	D	MB DK	dead leafs retained, TDk FC topd Hd Db
188	Platanus x Hispanica	10	30	28	D	D	MB DK	dead leafs retained, 1s TDk FC topd Hd Db
189	Platanus x Hispanica	11	28	25	D	D	MB DK	dead leafs retained, topd Hd Db
190	Platanus x Hispanica	10	30	28	C-	C	MB DK	dead leafs retained, cod topd Hd Db
191	Platanus x Hispanica	6.5	21	20	C-	C-	MB DK	dead leafs retained, CrS Hd Db wet
192	Platanus x Hispanica	6	20	15	C-	D	MB DK	dead leafs retained, Cod SDk leans Db wet
193	Platanus x Hispanica	10	32	32	B	C	Sh MB	Cod Hd DL epi wet
194	Platanus x Hispanica	7.5	28	25	C-	C-	MB DK	dead leafs retained, cod Hd DL epi
195	Platanus x Hispanica	9.5	28	28	C	C-	MB DK	dead leafs retained, cod Hd DL epi
196	Platanus x Hispanica	9.5	32	24	C	C-	covered	dead leafs retained, FC Hd DL epi
197	Platanus x Hispanica	12	32	30	C	C	covered	dead leafs retained, FC Hd DL cod 2long

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Roots	Comments
198	Schinus molle	11	30	30	C	C	Circ Cr	Cod Sp
199	Cupaniopsis anacardioides	6.6	14	12	D	D	Crowded	Cod inc Xing Tinj Db chlor
200	Cupaniopsis anacardioides	7.3	14	14	D	D	Crowded	Cod inc Lt FC Db TO chlor
201	Cupaniopsis anacardioides	8	16	16	C-	C-	Crowded	Cod inc CrS Db chlor
202	Cupaniopsis anacardioides	8	14	16	D	C-	Crowded	Cod inc CrS TO FC Db chlor
203	Cupaniopsis anacardioides	10	18	16	D	C-	Crowded	Cod inc CrS Xing FC Db chlor
204	Cupaniopsis anacardioides	6	16	15	C-	C-	Crowded	Cod inc CrS Xing Db chlor
205	Cupaniopsis anacardioides	5	14	14	C-	C-	Crowded	Cod inc Tinj Db chlor
206	Cupaniopsis anacardioides	8	16	18	C	C-	Crowded	Cod inc CrS mDb mChlor
207	Cupaniopsis anacardioides	9.5	18	18	C	C-	Crowded	Cod inc CrS mDb mChlor
208	Cupaniopsis anacardioides	11	18	20	B	C	Crowded	Cod inc CrS TO Hd DL Db
209	Ligustrum japonicum	8	18	18	C	C-	Crowded	Cod inc CrS Hd DL Db Chlor
210	Cupaniopsis anacardioides	9.5	18	16	D	D	Crowded	Cod inc CrS Db Chlor
211	Cupaniopsis anacardioides	6	12	10	D	D-	Crowded	Cod inc CrS SS Xing Db Chlor
212	Cupaniopsis anacardioides	7	18	10	D	D-	Crowded	Cod inc SS Xing Db Chlor
213	Cupaniopsis anacardioides	7	15	14	C-	C-	Crowded	Cod inc CrS mSS Xing Db Chlor
214	Cupaniopsis anacardioides	7	14	16	C-	C-	Crowded	Cod inc CrS Cr#215 Db Chlor
215	Cupaniopsis anacardioides	9	18	18	B	C	Crowded	Cod inc mDb
216	Cupaniopsis anacardioides	10	18	18	C	C	Crowded	Cod inc CrS mDb
217	Cupaniopsis anacardioides	12	20	20	B	C	Crowded	Cod inc Hd DL
218	Cupaniopsis anacardioides	13	18	22	C	C	Crowded	Cod inc Hd mDb
219	Platanus x Hispanica	15	50	30	C	C-	SW lift	Cod Hd Lt DL epi
220	Platanus x Hispanica	7	27	24	C	C-	covered	Cod Hd DL
221	Platanus x Hispanica	8	28	26	C	C-	covered	Cod Hd DL FC Dk
222	Platanus x Hispanica	8	27	20	C	C-	covered	Cod Hd DL

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Roots	Comments
223	Platanus x Hispanica	6	18	16	C	C-	covered	Cod Hd DL leans
224	Platanus x Hispanica	14	80	35	B	C	mSW lift	Hd DL epi
225	Platanus x Hispanica	11	50	24	B	C-	Crowded	1s T-bow epi Hd DL
226	Platanus x Hispanica	10	45	24	B	C-	covered	mT-bow Hd DL epi
227	Platanus x Hispanica	7	45	22	C	C-	covered	Hd DL
228	Platanus x Hispanica	9	30	28	B	C-	covered	Cod epi Hd DL
229	Platanus x Hispanica	8	40	20	B	C-	okay	Cod epi Hd DL
230	Platanus x Hispanica	11	45	30	B	C-	okay	Cod FC Hd DL
231	Platanus x Hispanica	11	45	30	B	C-	MB	Cod Hd DL
232	Platanus x Hispanica	12	50	30	C	C-	MB	Cod epi Hd DL Lt
233	Platanus x Hispanica	12	50	35	C	C-	okay	mLean Hd DL
234	Platanus x Hispanica	13	50	40	B	C-	MB	1s cod epi Hd DL Lt
235	Platanus x Hispanica	6	22	15	C	C-	MB	Cod epi Hd DL
236	Platanus x Hispanica	8	28	18	C	D	okay	Cod FC DL Lt S-seam
237	Platanus x Hispanica	9.5	28	20	C	D	Db	Cod epi FC Dk Tinj Dk Db
238	Platanus x Hispanica	11	40	22	B	C	Crowded	Cod epi Hd DL Db
239	Magnolia grandiflora	13	30	30	C	C-	Sh MB	Cod CrS Hd DL
240	Cupaniopsis anacardioides	14	30	30	B	C-	covered	Cod inc CrS Xing Hd DL epi
241	Cupaniopsis anacardioides	16 @ 3'	26	30	C-	C-	okay	Cod inc CrS LB Hd DL Xing Db chlor
242	Cupaniopsis anacardioides	9	18	26	C-	C-	okay	Cod inc CrS Hd DL Xing Db chlor
243	Cupaniopsis anacardioides	8	18	18	C-	C-	okay	Cod inc epi Hd DL Db chlor
244	Cupaniopsis anacardioides	10	20	20	C	C	okay	Cod inc epi Hd DL
245	Cupaniopsis anacardioides	4.5	14	11	C-	C-	Crowded	Cod inc CrS Xing Hd DL chlor
246	Cupaniopsis anacardioides	5	14	13	C-	D	1sRF	Cod SS CrS T-galls Hd DL Db
247	Cupaniopsis anacardioides	7	14	12	D	D	galls	Cod SS inc Hd DL Db chlor

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Roots	Comments
248	Cupaniopsis anacardioides	8	12	14	D	D	Crowded	Cod SS inc Hd DL Db
249	Cupaniopsis anacardioides	7	16	12	D	D	epi	Cod SS inc Hd DL Db chlor
250	Cupaniopsis anacardioides	5	13	10	D	D	Crowded	Cod SS inc Hd DL Db chlor
251	Cupaniopsis anacardioides	9	16	14	D	D	galls	Cod SS inc Hd DL Db chlor
252	Cupaniopsis anacardioides	16	30	30	C	C	Sh	Cod inc CrS Sp Hd DL
253	Cupaniopsis anacardioides	15	20	24	C-	C-	Sh	Cod inc Hd DL Db chlor
254	Cupaniopsis anacardioides	15	28	38	C-	C-	Sh	Cod inc CrS Hd mDb Xing
255	Cupaniopsis anacardioides	11	24	26	C-	C-	okay	Cod inc CrS Hd mDb Xing
256	Cupaniopsis anacardioides	6	12	9	D	D	Crowded	Cod inc CrS SS Hd Db Xing
257	Cupaniopsis anacardioides	6	15	10	D	D	Crowded	Cod epi SS Hd DL Db chlor
258	Cupaniopsis anacardioides	7	15	11	D	D	Crowded	Cod epi Hd Db chlor
259	Cupaniopsis anacardioides	9.5	18	14	D	D	Crowded	Cod inc SS Hd Db chlor Sp
260	Cupaniopsis anacardioides	6.5	16	16	C-	C-	Crowded	Cod inc CrS Hd DL Db chlor
261	Corymbia citriodora	20	90	30	C-	C	covered	1s Cod Sp
262	Corymbia citriodora	10	50	24	C-	C-	covered	OL 2long Lt
263	Corymbia citriodora	13	80	30	C	C-	covered	OL 2long Lt Sp mLean
264	Corymbia citriodora	13	80	30	C-	C-	covered	Leans 2long Sp
265	Corymbia citriodora	8	60	14	C-	C-	covered	OL Sp Lt
266	Corymbia citriodora	12	65	40	C-	D	covered	1s DLT Sp Lt
267	Cupaniopsis anacardioides	13	24	28	B	C-	okay	Cod inc CrS SS epi Hd DL
268	Corymbia citriodora	14	90	30	C	C-	okay	Cod inc 2long
269	Corymbia citriodora	11	80	25	C-	C	okay	2long DL Lt Sp
270	Corymbia citriodora	7	70	25	C-	C-	covered	Sp Lt OL
271	Corymbia citriodora	11	80	35	C-	C-	okay	Sp Lt OL
272	Corymbia citriodora	9	50	20	C-	C-	okay	1s Sp OL Sup

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Roots	Comments
273	Corymbia citriodora	30	90	50	C	C-	Sh	Gaffed Lt 2long
274	Corymbia citriodora	18	80	50	C-	C-	okay	2long Sp Lt
275	Corymbia citriodora	14	70	35	C-	C-	covered	1s cod 2long
276	Corymbia citriodora	11	45	35	D	D	covered	1s cod Sup
277	Corymbia citriodora	10	80	35	C-	C-	covered	2long cod Sp
278	Corymbia citriodora	10	70	30	C	C	covered	2long Sp Lt
279	Corymbia citriodora	8,8,8,9	75	35	C	C-	Sh	2long Lt
280	Corymbia citriodora	7	45	25	C-	C-	okay	Cod Sp Lt
281	Corymbia citriodora	6	40	14	C-	D	okay	T-bow Sp OL
282	Corymbia citriodora	10	65	27	C	C-	okay	Sp cod Lt
283	Corymbia citriodora	11	70	30	C-	C-	Sh	Cod Sp Lt 2long
284	Corymbia citriodora	8	60	20	C-	C-	okay	Cod Sp Lt 2long
285	Corymbia citriodora	8	70	27	C-	C-	covered	Cod Sp Lt 2long
286	Corymbia citriodora	5	40	6	D	D	covered	Near dead Sp
287	Corymbia citriodora	11	80	30	C-	C-	covered	2long Sp Lt
288	Corymbia citriodora	27	90	50	B	C	covered	Hd DL Lt
289	Corymbia citriodora	6	60	16	C-	C-	okay	Cod Sp lt
290	Corymbia citriodora	10	70	20	C-	C-	okay	OL Lt Hd DL Sp
291	Corymbia citriodora	10	70	40	C	C-	okay	2long Sp Hd D|L
292	Corymbia citriodora	11	70	36	B	C	okay	Lt Hd DL
293	Corymbia citriodora	17	90	40	B	C	okay	Lt Hd
294	Corymbia citriodora	9	70	20	C	C	covered	Leans Lt
295	Corymbia citriodora	6	40	12	C-	C-	covered	Sp cod-top Lt OL
296	Corymbia citriodora	5	45	16	D	C-	covered	Sp cod-top Lt OL
297	Corymbia citriodora	5+5+5	45	20	B	C	okay	Stump sprouts epi

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Roots	Comments
298	Corymbia citriodora	16	90	30	C	C	covered	OL Cr#299 Lt
299	Corymbia citriodora	16	90	30	B	C	covered	OL Cr#298 Lt
300	Corymbia citriodora	16	90	25	C-	D	covered	Cod inc topd
301	Corymbia citriodora	12	80	28	D	C-	covered	2long Sp Hd DL
302	Corymbia citriodora	15	80	30	C	C-	covered	OL Hd /Lt
303	Corymbia citriodora	8	40	17	C-	C-	okay	1s Sp OL Lt leans
304	Corymbia citriodora	16	90	36	B	C-	covered	Leans Hd DL Lt
305	Corymbia citriodora	14	90	30	B	C-	covered	OL Cr#304
306	Corymbia citriodora	5+6+7	60	32	B	C-	covered	Stump sprouts Bepi
307	Eucalyptus sideroxylon	15	70	40	B	C	okay	Cod epi Hd DL
308	Eucalyptus sideroxylon	17	75	36	B	D	okay	1s cod inc
309	Eucalyptus sideroxylon	19	80	40	B	C-	okay	Cod inc Cr#310
310	Corymbia citriodora	14	80	45	C	C-	okay	1s T-bow Cr#309 Tinj, hit by 309
311	Corymbia citriodora	12	50	20	C-	C-	okay	1s Sp 2long Lt
312	Corymbia citriodora	12+13+15	90	50	A	C	okay	Cod inc epi
313	Eucalyptus sideroxylon	16	70	40	C	C	okay	Cod Sp
314	Eucalyptus sideroxylon	9	30	25	C-	C	covered	DLT
315	Eucalyptus leucoxylon	5+6+7	25	22	B	C-	covered	DLT topd bushy
316	Corymbia citriodora	6.5	30	25	C-	C-	covered	1s T-bow
317	Corymbia citriodora	12	60	18	C-	C-	covered	OL Sp
318	Corymbia citriodora	7	40	18	C-	C-	NoRF deep	Cod Sp
319	Eucalyptus sideroxylon	15	60	30	C	D	okay	Cod inc TO Hd DL crk
320	Corymbia citriodora	30	100	45	B	C	okay	2long Lt
321	Eucalyptus sideroxylon	10+12	25	34	B	D	covered	Topd 4 wires
322	Eucalyptus sideroxylon	15	60	36	C	C-	covered	T-bow DLS Hd DL Sp

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Roots	Comments
323	Eucalyptus sideroxylon	17	70	50	C	C-	okay	Cod inc OL Hd DL
324	Corymbia citriodora	5.5	45	20	D	C-	okay	Sp Lt OL
325	Corymbia citriodora	8.5	40	30	C-	C-	okay	Sp OL Lt
326	Corymbia citriodora	13	70	40	C-	C-	okay	Cod Sp Lt
327	Corymbia citriodora	9	30	20	C-	C-	okay	1s cod Sp Lt
328	Magnolia grandiflora	9	16	16	C-	C	Sh MB	City tree? LB Sp
329	Magnolia grandiflora	10	20	18	C	C-	Sh MB	City tree? CrS
330	Magnolia grandiflora	9	18	16	B	C	Covered	City tree? Lt
331	Magnolia grandiflora	8	16	16	B	C	Covered	City tree? Cod Lt
332	Magnolia grandiflora	8	16	16	D	D	Covered	City tree? Cod Lt Sp Db
333	Magnolia grandiflora	9	15	14	B	C	Covered	City tree? Cod
334	Magnolia grandiflora	8	16	15	C	C-	Covered	City tree? Cod Lt
335	Magnolia grandiflora	7	14	13	C	C-	Covered	City tree? Cod CrS
336	Magnolia grandiflora	8	14	13	D	C-	Covered	City tree? Cod CrS Sp Db
337	Magnolia grandiflora	8	20	18	D	C-	Covered	City tree? Cod CrS Sp Db

Tree Evaluation Details

Carrotwood trees, *Cupaniopsis anacardioides.*

Ninety seven of the trees are carrotwood trees, originally promoted by Sunset Western Garden Book as a good tree to plant by your swimming pool and a good parking lot tree. New communities, like Irvine, jumped on the bandwagon and planted many in small planting spaces without looking at older trees in botanic gardens or older communities. Unfortunately, they are neither clean nor safe near paving. Once they are sexually mature, they drop large amounts of seed, and their shallow roots are almost as hard on paving as Ficus.

The soils and/or the lack of root space may be the cause of their chlorosis. Also, the heavy pruning to keep them from outgrowing their planters could also cause chlorosis, due to related dieback in the roots. Timing may also be a factor. Like most sub-tropical species, carrotwoods should be pruned in late spring or early summer. Unfortunately, all this pruning did not correct the more serious structural defects in these trees. Crowded scaffold limbs, especially with included bark, are apt to split out or pinch each other out. Their pruning also included some topping and heading, which causes epicormic branching and weak branching as well.

In the parking lot, the soil surrounding the islands and under the paving is compacted to 90% or more and not conducive to root growth. As a result, either the roots stay in the confined planter soil and/or they grow in a thin layer between the curbs, asphalt, and soil below.

Red ironbark, *Eucalyptus sideroxylon*

Of all the eucalypts common to southern California, I know of none that have such poor structure. I don't know their Designer's intent, but the thick bark is probably better protection in fires. However, the thick bark often gets trapped in the narrow crotches common to this species. The public fear of eucalypts includes many species that don't have such problems. This common fear of eucalypts may be one reason all the red ironbarks were topped. It may also have to do with how high the tree service's lift truck can reach. Regardless, the severe topping here has killed several red ironbarks and ruined the others.

Lemon gum, *Corymbia citriodora*

Many of the lemon gums were also lion-tailed, over-lifted and/or over-pruned. This species can make a fine large landscape specimen, but now they will need much better and much more frequent pruning to control the sprout growth and restore a stronger architecture. Many have weak health and sparse foliage. Part is due to over-pruning and part is probably due to the lemon gum psyllid.

The strength and beauty of their structure will take years of corrective pruning to restore. The first thing to restore is their health. Then a tree service that understands corrective pruning can begin to restore their structure. Until they are healthy again, pruning should be delayed. A tree service that understands corrective will cost much more that the tree service that ruined them.

The eucalypts and elms on this north, east and west slopes will probably be able to remain and be mostly unaffected by construction. Ensuring proper irrigation and treatment of psyllids will be needed going forward.

London plane tree, *Platanus x Hispanica*

London plane trees can be a good lawn tree. Many of the ones on site have been limbed up too soon and too hard. The sudden exposure of the trunk to more sun has sun scalded several of their trunks. The pruning cuts were flush, which damages the branch collar. A number by the edge of the lawn area have decayed trunks due to flush cuts. Also many around the lawn are retaining dead leaves. This is a sign of declining health. The lawn area is very wet, which increases the odds of root rot diseases, aka water molds. About the only healthy ones with adequate to fair structure are in the landscaping in front of the building. Those are the few with a dominant central leader. Lawn mower damage has also blighted many of these trees.

California sycamore, *Platanus racemosa*

Sycamores also can be a good lawn tree. For some unknown reason they do not seem to have kept a dominant central trunk. This species is one of the main ones to be attacked by the invasive shot-hole borers. It also tends to have more anthracnose than the London plane tree. On this site it looks like they have been mixed in with London plane trees. Also, sometimes they hybridize. If they did not have seed heads, I had a hard time identifying one from the other this time of year. London plane trees only have one or two balls to each cluster and their leaves are more tomentose. California sycamore has three or four seed ball per cluster. Usually, the sycamore grows much faster than the London plane tree. So the larger Platanus are probably sycamores.

Chinese elm, *Ulmus parviflora*

The Chinese elms are located at the top of the west slope, under power lines. Line clearance pruning has not been good to these trees. No sign of elm anthracnose was seen. To avoid more line clearance pruning, and the ugly effect on the trees, directional pruning should be used to help keep them growing away from the lines.

This species, like the Brazil pepper, can become a weed. So maintenance people should be able to recognize it and remove them before the grow to larger sizes. Both can sucker or root sprout, so they should be treated with herbicide immediately after cutting.

Photographic Documentation



Red ironbarks #7 to 12



Red ironbarks #16 & 18 are dead



Chinese elms #32 to 37 are in back. Lemon gums #23, 39 and 45 are in front



Carrotwoods #113 to 130 in front. Red ironbarks behind on the hill. Note sunscald on the carrotwood in front



Looking east through the carrotwoods. Not the small growing space



Lemon gums 45 to 54. Note the sparse foliage



Carrotwood #151 – note sunscald



Carrotwood #155 – note sunscald



Lemon gums #69, 70 & 71 at right. Red ironbark #72 up the hill.



Lemon gums #73, 75, 76, 79, 80, 83 & 84, with red ironbarks behind



Lemon gums 90, 91, 92, and 94. Red ironbarks #89, 95, 96 & 97 behind.



Lemon gums #261 to 273 (right to left)



Lemon gum #312. This is what they should look like.



Lemon gums #316 to 318 in front, #320 in back



California sycamore #180 with decay at base, needs decay testing.



London plane trees #188, 189 & 190 – note retained dead leaves.



Platanus #170 to 179



Platanus #169 to 176 (right to left)



Platanus #158 to 168 (right to left)



Platanus #158 to 162



Platanus #229 to 238 (right to left)

Analysis

Of the 337 trees in the scope of this report, the two most common species are the carrotwood and lemon gum. The most common in the parking lot is the carrotwood. The most common tree around the site edges is the lemon gum.

All, or nearly all, the elms, red ironbarks and lemon gums can be preserved because they are out of the way of improvements, but it looks like most and nearly all carrotwoods should be removed.

The following Matrix of Recommendations will list the trees that should be removed for health and structural condition reasons. Magnolias along Saturn need to be removed and replaced for the new road dedication and new sidewalk. Elms under the wires across the top edge of the site need to be removed for the electrical easement. Some trees out of the path of construction with a "C-" rating may be retained with appropriate professional correction measures. The owners or managers will need to decide if such lower quality trees are worth the necessary three or four years of corrective pruning to restore them to a more sound condition.

Since the carrotwoods are the predominant species, and it is hard to find well trained specimens from nurseries, spot replacements with specimen box size trees may not produce lasting results. Starting with smaller trees, like 5 or 15 gallon contain size, is more conducive to training. However, typical landscape maintenance personnel are not trained in training trees. Therefor replacement with another species may be the best plan.

Another plan would be to hire a board certified master arborist or registered consulting arborist to provide specifications for training and oversee the training.

Recommendations

Removals and Retention

This consultant is not aware of which trees along Saturn are City street trees. City streets are controlled by the City, and permission to remove those along Saturn for the new road and sidewalk alignment must be obtained, as soon as practical. Not being sure of the season the work will be done, in this instance, for all City trees to remain, I recommend a foot of clearance from the trunk for every for every inch of caliper.

There are few carrotwood trees worth going to extra trouble to protect and preserve during construction. Besides damage done by poor pruning, they were a poor choice in the first place. Some people may suggest transplanting them to other places. However, transplanting of trees in the path of construction to other places on site is not recommended. Their structural condition and shallow roots reduce their value, their health reduces their survival rate, and transplanting cannot be justified on a cost versus value basis, and there is no known need for them elsewhere on this site.

The Brazil peppers around the north edges are small bushy weeds and so outside the scope of this report. They should be removed as soon as possible. They are likely to root-sprout when cut down and when their roots are cut or damaged. The roots of pepper trees removed should be removed as much as reasonable. A common practice is to paint the stump

of peppers cut down with Round up or Garlan herbicide right after cutting, within three minutes of cutting. The Chinese elms under the power lines, are also prone to sprouting after being cut down.

Eucalyptus seldom transplant successfully. There is no reason to try to transplant any of them. All the red ironbark and lemon gums are outside the work area. There are more than enough eucalypts and there is no reason to keep any that are suppressed or in really poor health.

In this current version of the report, with 27 additional removals included, a total of 186 trees need to be removed.

Protection of Existing Trees to Remain

If existing trees designated to remain are damaged during construction, the Contractor shall replace such plants of the same species and size as those damaged (as reasonable) at no cost to the owner. Determination of extent of the damage and the value of damaged plants shall rest solely with this consultant or the owner's representative. Value loss will be calculated using the method established by the Council of Tree & Landscape Appraisers, 10th edition of The Guide for Plant Appraisal. Determination of whether to accept compensation through plant replacement or monetary settlement shall rest solely with the owner.

Before removals begin, all the trees shall be clearly marked for removal or retention, and written instructions given to the contractor. Ideally, the contractor, arborist and owner's representative should meet to discuss the removal and marking.

Protection Barrier: Protection barriers shall be installed around trees to be preserved. The barriers shall be constructed of secure chain-link fencing. The barrier shall be placed as far from the base of the tree(s) as possible, at least 1-foot per inch of trunk diameter and beyond the drip-line. The fencing shall be maintained in good repair throughout the duration of the project, and shall not be removed, relocated, or encroached upon without permission of the arborist involved. The City street trees shall be protected according to City requirements and standards.

Storage of Materials: There shall be NO storage of materials or supplies of any kind within the area of the protection barriers. Concrete and cement materials, block, stone, sand and soil shall not be placed within the drip-line of the tree.

Fuel Storage: Fuel storage shall NOT be permitted within 150 feet of any tree to be preserved. Refueling, servicing and maintenance of equipment and machinery shall NOT be permitted within 150 feet of trees to remain.

Debris and Waste Materials: Debris and waste from construction or other activities shall NOT be permitted within protected areas. Wash down of concrete or cement handling equipment, in particular, shall NOT be permitted within 150 feet of protected trees.

Planting near Trees Designated for Protection: Any digging within designated protection zones shall done using supersonic air (AirSpade or AirKnife) directly as the digging medium, by means of a nozzle, whose nominal rated input pressure (available from manufacturer's literature) must not exceed 130 psig (pounds per square inch at gage) unless otherwise approved. Nozzles designed for input above 130 psig can damage fine roots and are not recommended. Air compressors rated between 100 to 125 psig recommended.

Grade Changes: Any grade changes proposed should be approved by a Registered Consulting Arborist before construction begins, and precautions taken to mitigate potential injuries. Grade changes can be particularly damaging to trees. Even as little as two inches of fill can cause the death of a tree. Lowering the grade can destroy major portions of a root system.

Damages: Any tree damages or injuries should be reported to the project arborist as soon as possible. Severed roots shall be pruned cleanly to healthy tissue, using proper pruning tools. Broken branches or limbs shall be pruned according to International Society of Arboriculture Pruning Guidelines and ANSI A-300, part 1 Pruning Standards.

Preventive Measures: Before construction begins, irrigation and fertilization of the affected trees is recommended to improve tree vigor and health. Soil analysis testing should be completed to assure fertilization with the appropriate fertilizer products. Pruning of the tree canopies and branches should be done at the direction of the project arborist to remove any dead or broken branches, and to provide the necessary clearances for the construction equipment.

Monitoring and Maintenance

Most edge trees not in the construction area, not designated to be removed, and not impacted by construction access, can remain, be monitored, and maintained for the long term, based on the project manager's plans, budget and judgement. All City street trees must remain, unless removal permits are provided. However, better pruning and better soil management by the owners will increase the longevity and appearance of the remaining trees. Some trees along the construction access routes may need to be trimmed up for construction vehicle clearance. This needs to be determined by the general contractor before work begins, but should be according to ANSI A300 standards.

Trees at the edges of construction first need to be trimmed up as necessary and fenced at their driplines to protect them. There are many aspects of construction that can harm the roots and or canopies of the trees. Periodic monitoring of the trees is advised during construction by an expert that would recognize the potential threats and be able to correctly identify their status. The frequency of monitoring visits should be *at least* monthly.

If portions of the irrigation system need to be shut down during construction, plans need to be made in advance to provide supplemental irrigation for landscape areas that would be deprived.

Begin training up the canopy for better clearance over the drive aisles and entries. Consider their width when they reach a more mature size. None of these trees are full grown.

The lower limbs that will be removed for clearance should not be cut back to the trunk in one pruning cycle. Cut them back slightly inside and below the upper canopy, leaving at least 80 percent of the foliage the first year. Depending on limb size, they may need to be removed over several years or more. When the lower limb is finally fully removed, cut back only to the branch collar. Do not remove more than 20% of the total foliage in any one pruning cycle.

All pruning must conform to American National Standards Institute A300, part 1. The trees listed in the matrix as "save if corrected" means corrective pruning to these standards. If only low-bid pruning will be applied, the trees marked in this way should be removed.

Due to the shallow roots of nearly all parking lot trees, to keep trees that remain stable and healthy, they will need at least twelve times trunk diameter clearance for root cutting, assuming roots are cleanly cut, not torn, e.g., a 10-inch DBH tree needs 10 feet of clearance. All cutting of roots over 1" diameter must be made with clean cuts. A backhoe will not make a clean cut.

Matrix of Recommendations

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Recommendations	Clearance radius
1	Eucalyptus sideroxylon	19	45	30	C	C-	Maintain in place	19
2	Eucalyptus sideroxylon	21	50	36	B	C	Maintain in place	21
3	Eucalyptus sideroxylon	22	50	36	C	C-	Maintain in place	22
4	Eucalyptus sideroxylon	22	55	30	B	C-	Maintain in place	22
5	Eucalyptus sideroxylon	23 @ 2'	50	30	C	C-	Maintain in place	22
6	Eucalyptus sideroxylon	14+11	40	36	C	C-	Maintain in place	18
7	Eucalyptus sideroxylon	16	32	32	D	D	Maintain in place	16
8	Eucalyptus sideroxylon	14	45	30	C-	C-	Maintain in place	14
9	Eucalyptus sideroxylon	16	55	36	C	C	Maintain in place	16
10	Eucalyptus sideroxylon	6,6,7,8,9	50	30	C	C-	Maintain in place	17
11	Eucalyptus sideroxylon	24	50	40	F	F	Remove	N/A
12	Eucalyptus sideroxylon	17	50	36	C	C	Maintain in place	17
13	Eucalyptus sideroxylon	12+10	45	36	C-	C-	Maintain in place	16
14	Eucalyptus sideroxylon	14	40	30	C-	C-	Maintain in place	14
15	Eucalyptus sideroxylon	13	45	26	C	C-	Maintain in place	13
16	Eucalyptus sideroxylon	14	40	24	F	F	Remove	N/A
17	Eucalyptus sideroxylon	23	45	26	D	D	Maintain in place	23
18	Eucalyptus sideroxylon	14	35	24	F	F	Remove	N/A
19	Eucalyptus sideroxylon	16	50	36	C	C	Maintain in place	16
20	Eucalyptus sideroxylon	14	50	30	C	B	Maintain in place	14
21	Eucalyptus sideroxylon	15	50	30	C	B	Maintain in place	15
22	Eucalyptus sideroxylon	16	50	30	C	C	Maintain in place	16
23	Eucalyptus sideroxylon	18	60	36	C-	C	Maintain in place	18

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Recommendations	Clearance radius
24	Eucalyptus sideroxylon	20 @ 3'	55	32	C	C	Maintain in place	19
25	Eucalyptus sideroxylon	16	45	38	C-	C	Maintain in place	16
26	Eucalyptus sideroxylon	16	50	30	B	C	Maintain in place	16
27	Eucalyptus sideroxylon	13	50	25	C-	C	Maintain in place	13
28	Eucalyptus sideroxylon	20	45	30	C	C-	Maintain in place	20
29	Eucalyptus sideroxylon	8	20	15	C	C-	Maintain in place	8
30	Eucalyptus sideroxylon	24	60	45	C	C-	Maintain in place	24
31	Eucalyptus sideroxylon	21	60	45	C-	C-	Maintain in place	21
32	Ulmus parvifolia	16	35	35	C	C-	Remove	N/A
33	Ulmus parvifolia	6,6,6,5	30	20	C	C-	Remove	N/A
34	Ulmus parvifolia	14	35	30	C	C-	Remove	N/A
35	Ulmus parvifolia	14	35	30	C	C-	Remove	N/A
36	Ulmus parvifolia	8,8,5	35	35	D	C-	Remove	N/A
37	Ulmus parvifolia	7,7,4,4	35	20	C	C-	Remove	N/A
38	Corymbia citriodora	14	65	40	C-	C-	Maintain in place	14
39	Corymbia citriodora	15	70	30	C	C	Maintain in place	15
40	Ulmus parvifolia	17 @ 1'	35	30	C-	C-	Remove	N/A
41	Ulmus parvifolia	13	30	22	C-	C-	Remove	N/A
42	Ulmus parvifolia	16 @ 2'	30	30	C	C	Remove	N/A
43	Ulmus parvifolia	14 @ 1'	25	24	C-	C-	Remove	N/A
44	Eucalyptus leucoxylon	17	40	20	B	D	Remove	N/A
45	Corymbia citriodora	20	90	50	C	C	Maintain in place	20
46	Corymbia citriodora	19	90	45	C	C	Maintain in place	19
47	Corymbia citriodora	12	60	30	C	C	Maintain in place	12
48	Corymbia citriodora	10	50	18	C	D	Maintain in place	10

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Recommendations	Clearance radius
49	Corymbia citriodora	4+5	40	20	D	C	Maintain in place	7
50	Corymbia citriodora	6	45	20	C	C-	Maintain in place	6
51	Corymbia citriodora	13	65	30	C	C	Maintain in place	13
52	Corymbia citriodora	9	70	25	C-	C	Maintain in place	9
53	Corymbia citriodora	5	60	15	C	C	Maintain in place	5
54	Corymbia citriodora	18	70	40	C	D	Maintain in place	18
55	Eucalyptus sideroxylon	17	45	24	B	C-	Maintain in place	17
56	Corymbia citriodora	13	70	28	C	C	Maintain in place	13
57	Corymbia citriodora	5	35	12	C	C-	Maintain in place	5
58	Corymbia citriodora	15	70	40	C-	D	Maintain in place	15
59	Cupaniopsis anacardioides	4	18	16	B	B	Maintain in place	3
60	Corymbia citriodora	2+2+2	20	9	C	C	Maintain in place	4
61	Corymbia citriodora	9	70	20	C-	C-	Maintain in place	9
62	Corymbia citriodora	8	65	25	C-	C	Maintain in place	8
63	Corymbia citriodora	8	65	25	C-	C	Maintain in place	8
64	Corymbia citriodora	4,2,2,1	35	15	B	C-	Maintain in place	5
65	Corymbia citriodora	11	65	35	C-	C-	Maintain in place	11
66	Schinus terebinthifolius	1,1,1,1,1,1	8	12	A	D	Remove + herbicide	N/A
67	Grevillea robusta	15	45	22	B	B	Maintain in place	15
68	Corymbia citriodora	15	80	36	C	C	Maintain in place	15
69	Corymbia citriodora	4+5	35	18	C	C	Maintain in place	7
70	Corymbia citriodora	10	70	35	C-	C	Maintain in place	10
71	Corymbia citriodora	3,4,5,3	45	24	C	C-	Maintain in place	9
72	Corymbia citriodora	14+14+12	80	45	C	C-	Maintain in place	23
73	Corymbia citriodora	14	70	30	D	C-	Maintain in place	14

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Recommendations	Clearance radius
74	Eucalyptus sideroxylon	18	70	32	B	C-	Maintain in place	18
75	Corymbia citriodora	8	40	18	C-	C-	Maintain in place	8
76	Corymbia citriodora	12	40	20	C-	C-	Maintain in place	12
77	Eucalyptus sideroxylon	17	65	30	B	C	Maintain in place	17
78	Eucalyptus sideroxylon	13+14	60	35	B	C	Maintain in place	19
79	Corymbia citriodora	12	70	30	C	C	Maintain in place	12
80	Corymbia citriodora	6	55	18	C	C	Maintain in place	6
81	Eucalyptus sideroxylon	14	70	35	B	C	Maintain in place	14
82	Eucalyptus sideroxylon	15	70	35	B	C	Maintain in place	15
83	Corymbia citriodora	14	70	35	C	C-	Maintain in place	14
84	Corymbia citriodora	13	70	30	C	C-	Maintain in place	13
85	Eucalyptus sideroxylon	21	70	20	C-	D	Maintain in place	21
86	Eucalyptus sideroxylon	20	70	35	C	C-	Maintain in place	20
87	Eucalyptus sideroxylon	20	65	35	B	D	Maintain in place	20
88	Eucalyptus sideroxylon	11	60	20	C-	D	Maintain in place	11
89	Eucalyptus sideroxylon	24"b	65	35	C	D	Maintain in place	22
90	Corymbia citriodora	16	70	35	C	C-	Maintain in place	16
91	Corymbia citriodora	12	65	30	D	C-	Maintain in place	12
92	Corymbia citriodora	8	40	25	C-	D	Maintain in place	8
93	Corymbia citriodora	10	60	30	C	C	Maintain in place	10
94	Corymbia citriodora	10	55	24	C	C	Maintain in place	10
95	Eucalyptus sideroxylon	10	22	28	C	D	Maintain in place	10
96	Eucalyptus sideroxylon	8	45	12	D	D	Maintain in place	8
97	Corymbia citriodora	13	85	25	C	C-	Maintain in place	13
98	Corymbia citriodora	10+12+13	80	40	D	D	Maintain in place	22

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Recommendations	Clearance radius
99	Eucalyptus sideroxylon	8+8+8	60	35	C	C-	Maintain in place	14
100	Eucalyptus sideroxylon	15	80	40	B	C-	Maintain in place	15
101	Magnolia grandiflora	13	18	16	C	C-	Replace	N/A
102	Magnolia grandiflora	14	40	30	B	C	Replace	N/A
103	Cupaniopsis anacardioides	10	24	20	C	C	Replace	N/A
104	Cupaniopsis anacardioides	11.5	22	20	C	C	Replace	N/A
105	Cupaniopsis anacardioides	10	20	22	C	C-	Replace	N/A
106	Cupaniopsis anacardioides	6.5	14	18	C	D	Replace	N/A
107	Cupaniopsis anacardioides	8	16	18	C	C	Replace	N/A
108	Cupaniopsis anacardioides	7.2	16	14	D	D	Replace	N/A
109	Cupaniopsis anacardioides	10	18	20	C-	C-	Replace	N/A
110	Cupaniopsis anacardioides	8.5	16	16	C-	D	Replace	N/A
111	Cupaniopsis anacardioides	8.2	18	20	B	C	Replace	N/A
112	Cupaniopsis anacardioides	6.2	18	20	B	C	Replace	N/A
113	Cupaniopsis anacardioides	7.5	20	20	B	C-	Replace	N/A
114	Cupaniopsis anacardioides	9.5	20	20	C	C-	Replace	N/A
115	Cupaniopsis anacardioides	9.2	20	20	B	C	Replace	N/A
116	Cupaniopsis anacardioides	9.2	20	18	C	C-	Replace	N/A
117	Cupaniopsis anacardioides	10	20	20	D	D	Replace	N/A
118	Cupaniopsis anacardioides	11	20	20	C-	D	Replace	N/A
119	Cupaniopsis anacardioides	9.3	20	20	B	D	Replace	N/A
120	Cupaniopsis anacardioides	7.4	18	18	D	D	Replace	N/A
121	Cupaniopsis anacardioides	9.4	20	20	C	C-	Replace	N/A
122	Cupaniopsis anacardioides	9	20	20	C	C-	Replace	N/A
123	Cupaniopsis anacardioides	9	18	16	D	D	Replace	N/A

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Recommendations	Clearance radius
124	Cupaniopsis anacardioides	9.2	16	15	D	D	Replace	N/A
125	Cupaniopsis anacardioides	8.8	18	18	D	D	Replace	N/A
126	Cupaniopsis anacardioides	10	20	20	B	C-	Replace	N/A
127	Cupaniopsis anacardioides	11.5	20	28	B	C-	Replace	N/A
128	Cupaniopsis anacardioides	7.5	16	16	D	D	Replace	N/A
129	Cupaniopsis anacardioides	8.6	15	18	C-	C-	Replace	N/A
130	Cupaniopsis anacardioides	9	18	18	C-	C-	Replace	N/A
131	Cupaniopsis anacardioides	8.6	18	18	C-	D	Replace	N/A
132	Cupaniopsis anacardioides	9.5	20	20	C	D	Replace	N/A
133	Cupaniopsis anacardioides	8.5 @ 3'	18	18	C	C-	Replace	N/A
134	Cupaniopsis anacardioides	7.6	20	20	B	D	Replace	N/A
135	Cupaniopsis anacardioides	11	20	20	C	D	Replace	N/A
136	Cupaniopsis anacardioides	8.5	20	20	C	C-	Replace	N/A
137	Cupaniopsis anacardioides	9	20	20	C	C-	Replace	N/A
138	Cupaniopsis anacardioides	7.5	17	17	C	D	Replace	N/A
139	Cupaniopsis anacardioides	8	18	18	C-	D	Replace	N/A
140	Cupaniopsis anacardioides	8.8	20	20	C	D	Replace	N/A
141	Cupaniopsis anacardioides	9.5	20	20	C	D	Replace	N/A
142	Cupaniopsis anacardioides	7	18	18	C-	D	Replace	N/A
143	Cupaniopsis anacardioides	10	24	24	C	D	Replace	N/A
144	Cupaniopsis anacardioides	8.4	22	22	C-	D	Replace	N/A
145	Cupaniopsis anacardioides	10	20	20	B	C	Replace	N/A
146	Cupaniopsis anacardioides	18	28	30	B	C	Replace	N/A
147	Cupaniopsis anacardioides	9.2	18	20	C	C-	Replace	N/A
148	Cupaniopsis anacardioides	7.3	18	18	C	C-	Replace	N/A

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Recommendations	Clearance radius
149	Cupaniopsis anacardioides	9.7	20	20	C	C-	Replace	N/A
150	Cupaniopsis anacardioides	12	20	20	B	C-	Replace	N/A
151	Cupaniopsis anacardioides	8.5	16	16	C-	D	Replace	N/A
152	Cupaniopsis anacardioides	11	16	16	C-	D	Replace	N/A
153	Cupaniopsis anacardioides	7.2	16	14	C-	D	Replace	N/A
154	Cupaniopsis anacardioides	6	14	12	C-	D	Replace	N/A
155	Cupaniopsis anacardioides	5.6	14	12	D	D	Replace	N/A
156	Cupaniopsis anacardioides	13	20	20	C-	C-	Replace	N/A
157	Cupaniopsis anacardioides	10.2	20	20	C-	D	Replace	N/A
158	Platanus racemosa	19	55	35	C-	D	Replace	N/A
159	Platanus racemosa	18	75	30	C	C	Replace	N/A
160	Platanus racemosa	12.6	70	30	C	C	Replace	N/A
161	Platanus racemosa	13	70	30	C	C	Replace	N/A
162	Platanus racemosa	13.5	70	30	C	C-	Replace	N/A
163	Platanus racemosa	13.5	70	30	C	C	Replace	N/A
164	Platanus racemosa	9.2	50	12	D	D	Replace	N/A
165	Platanus racemosa	15	55	40	C	C	Replace	N/A
166	Platanus racemosa	8.9	40	30	D	D	Replace	N/A
167	Platanus racemosa	18	80	36	B	C	Replace	N/A
168	Platanus racemosa	11.5	50	30	C	C-	Replace	N/A
169	Platanus racemosa	18	70	30	C	D	Replace	N/A
170	Platanus racemosa	17	50	30	D	F	Replace	N/A
171	Platanus racemosa	16	50	25	D	D	Replace	N/A
172	Platanus racemosa	15	50	25	C-	D	Replace	N/A
173	Platanus racemosa	14	45	22	C	D	Replace	N/A

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Recommendations	Clearance radius
174	Platanus racemosa	17	40	24	C	D	Replace	N/A
175	Platanus racemosa	19	60	35	B	C-	Replace	N/A
176	Platanus racemosa	18	80	38	B	C	Replace	N/A
177	Platanus racemosa	18	80	30	B	C	Replace	N/A
178	Platanus racemosa	20	80	36	B	C	Replace	N/A
179	Platanus racemosa	19	70	50	B	C	Replace	N/A
180	Platanus racemosa	25	70	60	B	C	Replace	N/A
181	Platanus x Hispanica	16	60	50	B	C	Replace	N/A
182	Platanus x Hispanica	10	45	40	C	C	Replace	N/A
183	Platanus x Hispanica	10	35	27	C	C-	Replace	N/A
184	Platanus x Hispanica	10	37	25	C	C-	Replace	N/A
185	Platanus x Hispanica	9	26	12	D	D	Replace	N/A
186	Platanus x Hispanica	10	16	11	D-	D-	Replace	N/A
187	Platanus x Hispanica	9	16	15	D	D	Replace	N/A
188	Platanus x Hispanica	10	30	28	D	D	Replace	N/A
189	Platanus x Hispanica	11	28	25	D	D	Replace	N/A
190	Platanus x Hispanica	10	30	28	C-	C	Replace	N/A
191	Platanus x Hispanica	6.5	21	20	C-	C-	Replace	N/A
192	Platanus x Hispanica	6	20	15	C-	D	Replace	N/A
193	Platanus x Hispanica	10	32	32	B	C	Replace	N/A
194	Platanus x Hispanica	7.5	28	25	C-	C-	Replace	N/A
195	Platanus x Hispanica	9.5	28	28	C	C-	Replace	N/A
196	Platanus x Hispanica	9.5	32	24	C	C-	Replace	N/A
197	Platanus x Hispanica	12	32	30	C	C	Replace	N/A
198	Schinus molle	11	30	30	C	C	Replace	N/A

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Recommendations	Clearance radius
199	Cupaniopsis anacardioides	6.6	14	12	D	D	Replace	N/A
200	Cupaniopsis anacardioides	7.3	14	14	D	D	Replace	N/A
201	Cupaniopsis anacardioides	8	16	16	C-	C-	Replace	N/A
202	Cupaniopsis anacardioides	8	14	16	D	C-	Replace	N/A
203	Cupaniopsis anacardioides	10	18	16	D	C-	Replace	N/A
204	Cupaniopsis anacardioides	6	16	15	C-	C-	Replace	N/A
205	Cupaniopsis anacardioides	5	14	14	C-	C-	Replace	N/A
206	Cupaniopsis anacardioides	8	16	18	C	C-	Replace	N/A
207	Cupaniopsis anacardioides	9.5	18	18	C	C-	Replace	N/A
208	Cupaniopsis anacardioides	11	18	20	B	C	Replace	N/A
209	Ligustrum japonicum	8	18	18	C	C-	Replace	N/A
210	Cupaniopsis anacardioides	9.5	18	16	D	D	Replace	N/A
211	Cupaniopsis anacardioides	6	12	10	D	D-	Replace	N/A
212	Cupaniopsis anacardioides	7	18	10	D	D-	Replace	N/A
213	Cupaniopsis anacardioides	7	15	14	C-	C-	Replace	N/A
214	Cupaniopsis anacardioides	7	14	16	C-	C-	Replace	N/A
215	Cupaniopsis anacardioides	9	18	18	B	C	Replace	N/A
216	Cupaniopsis anacardioides	10	18	18	C	C	Replace	N/A
217	Cupaniopsis anacardioides	12	20	20	B	C	Replace	N/A
218	Cupaniopsis anacardioides	13	18	22	C	C	Replace	N/A
219	Platanus x Hispanica	15	50	30	C	C-	Replace	N/A
220	Platanus x Hispanica	7	27	24	C	C-	Replace	N/A
221	Platanus x Hispanica	8	28	26	C	C-	Replace	N/A
222	Platanus x Hispanica	8	27	20	C	C-	Replace	N/A
223	Platanus x Hispanica	6	18	16	C	C-	Replace	N/A

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Recommendations	Clearance radius
224	Platanus x Hispanica	14	80	35	B	C	Replace	N/A
225	Platanus x Hispanica	11	50	24	B	C-	Replace	N/A
226	Platanus x Hispanica	10	45	24	B	C-	Replace	N/A
227	Platanus x Hispanica	7	45	22	C	C-	Replace	N/A
228	Platanus x Hispanica	9	30	28	B	C-	Replace	N/A
229	Platanus x Hispanica	8	40	20	B	C-	Replace	N/A
230	Platanus x Hispanica	11	45	30	B	C-	Replace	N/A
231	Platanus x Hispanica	11	45	30	B	C-	Replace	N/A
232	Platanus x Hispanica	12	50	30	C	C-	Replace	N/A
233	Platanus x Hispanica	12	50	35	C	C-	Replace	N/A
234	Platanus x Hispanica	13	50	40	B	C-	Replace	N/A
235	Platanus x Hispanica	6	22	15	C	C-	Replace	N/A
236	Platanus x Hispanica	8	28	18	C	D	Replace	N/A
237	Platanus x Hispanica	9.5	28	20	C	D	Replace	N/A
238	Platanus x Hispanica	11	40	22	B	C	Replace	N/A
239	Magnolia grandiflora	13	30	30	C	C-	Replace	N/A
240	Cupaniopsis anacardioides	14	30	30	B	C-	Replace	N/A
241	Cupaniopsis anacardioides	16 @ 3'	26	30	C-	C-	Replace	N/A
242	Cupaniopsis anacardioides	9	18	26	C-	C-	Replace	N/A
243	Cupaniopsis anacardioides	8	18	18	C-	C-	Replace	N/A
244	Cupaniopsis anacardioides	10	20	20	C	C	Replace	N/A
245	Cupaniopsis anacardioides	4.5	14	11	C-	C-	Replace	N/A
246	Cupaniopsis anacardioides	5	14	13	C-	D	Replace	N/A
247	Cupaniopsis anacardioides	7	14	12	D	D	Replace	N/A
248	Cupaniopsis anacardioides	8	12	14	D	D	Replace	N/A

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Recommendations	Clearance radius
249	Cupaniopsis anacardioides	7	16	12	D	D	Replace	N/A
250	Cupaniopsis anacardioides	5	13	10	D	D	Replace	N/A
251	Cupaniopsis anacardioides	9	16	14	D	D	Replace	N/A
252	Cupaniopsis anacardioides	16	30	30	C	C	Replace	N/A
253	Cupaniopsis anacardioides	15	20	24	C-	C-	Replace	N/A
254	Cupaniopsis anacardioides	15	28	38	C-	C-	Replace	N/A
255	Cupaniopsis anacardioides	11	24	26	C-	C-	Replace	N/A
256	Cupaniopsis anacardioides	6	12	9	D	D	Replace	N/A
257	Cupaniopsis anacardioides	6	15	10	D	D	Replace	N/A
258	Cupaniopsis anacardioides	7	15	11	D	D	Replace	N/A
259	Cupaniopsis anacardioides	9.5	18	14	D	D	Replace	N/A
260	Cupaniopsis anacardioides	6.5	16	16	C-	C-	Replace	N/A
261	Corymbia citriodora	20	90	30	C-	C	Maintain in place	20
262	Corymbia citriodora	10	50	24	C-	C-	Maintain in place	10
263	Corymbia citriodora	13	80	30	C	C-	Maintain in place	13
264	Corymbia citriodora	13	80	30	C-	C-	Maintain in place	13
265	Corymbia citriodora	8	60	14	C-	C-	Maintain in place	8
266	Corymbia citriodora	12	65	40	C-	D	Maintain in place	12
267	Cupaniopsis anacardioides	13	24	28	B	C-	Replace	N/A
268	Corymbia citriodora	14	90	30	C	C-	Maintain in place	14
269	Corymbia citriodora	11	80	25	C-	C	Maintain in place	11
270	Corymbia citriodora	7	70	25	C-	C-	Maintain in place	7
271	Corymbia citriodora	11	80	35	C-	C-	Maintain in place	11
272	Corymbia citriodora	9	50	20	C-	C-	Maintain in place	9
273	Corymbia citriodora	30	90	50	C	C-	Maintain in place	30

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Recommendations	Clearance radius
274	Corymbia citriodora	18	80	50	C-	C-	Maintain in place	18
275	Corymbia citriodora	14	70	35	C-	C-	Maintain in place	14
276	Corymbia citriodora	11	45	35	D	D	Maintain in place	11
277	Corymbia citriodora	10	80	35	C-	C-	Maintain in place	10
278	Corymbia citriodora	10	70	30	C	C	Maintain in place	10
279	Corymbia citriodora	8,8,8,9	75	35	C	C-	Maintain in place	17
280	Corymbia citriodora	7	45	25	C-	C-	Maintain in place	7
281	Corymbia citriodora	6	40	14	C-	D	Maintain in place	6
282	Corymbia citriodora	10	65	27	C	C-	Maintain in place	10
283	Corymbia citriodora	11	70	30	C-	C-	Maintain in place	11
284	Corymbia citriodora	8	60	20	C-	C-	Maintain in place	8
285	Corymbia citriodora	8	70	27	C-	C-	Maintain in place	8
286	Corymbia citriodora	5	40	6	D	D	Maintain in place	5
287	Corymbia citriodora	11	80	30	C-	C-	Maintain in place	11
288	Corymbia citriodora	27	90	50	B	C	Maintain in place	27
289	Corymbia citriodora	6	60	16	C-	C-	Maintain in place	6
290	Corymbia citriodora	10	70	20	C-	C-	Maintain in place	10
291	Corymbia citriodora	10	70	40	C	C-	Maintain in place	10
292	Corymbia citriodora	11	70	36	B	C	Maintain in place	11
293	Corymbia citriodora	17	90	40	B	C	Maintain in place	17
294	Corymbia citriodora	9	70	20	C	C	Maintain in place	9
295	Corymbia citriodora	6	40	12	C-	C-	Maintain in place	6
296	Corymbia citriodora	5	45	16	D	C-	Maintain in place	5
297	Corymbia citriodora	5+5+5	45	20	B	C	Maintain in place	9
298	Corymbia citriodora	16	90	30	C	C	Maintain in place	16

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Recommendations	Clearance radius
299	Corymbia citriodora	16	90	30	B	C	Maintain in place	16
300	Corymbia citriodora	16	90	25	C-	D	Maintain in place	16
301	Corymbia citriodora	12	80	28	D	C-	Maintain in place	12
302	Corymbia citriodora	15	80	30	C	C-	Maintain in place	15
303	Corymbia citriodora	8	40	17	C-	C-	Maintain in place	8
304	Corymbia citriodora	16	90	36	B	C-	Maintain in place	16
305	Corymbia citriodora	14	90	30	B	C-	Maintain in place	14
306	Corymbia citriodora	5+6+7	60	32	B	C-	Maintain in place	11
307	Eucalyptus sideroxylon	15	70	40	B	C	Maintain in place	15
308	Eucalyptus sideroxylon	17	75	36	B	D	Maintain in place	17
309	Eucalyptus sideroxylon	19	80	40	B	C-	Maintain in place	19
310	Corymbia citriodora	14	80	45	C	C-	Maintain in place	14
311	Corymbia citriodora	12	50	20	C-	C-	Maintain in place	12
312	Corymbia citriodora	12+13+15	90	50	A	C	Maintain in place	24
313	Eucalyptus sideroxylon	16	70	40	C	C	Maintain in place	16
314	Eucalyptus sideroxylon	9	30	25	C-	C	Maintain in place	9
315	Eucalyptus leucoxylon	5+6+7	25	22	B	C-	Maintain in place	17
316	Corymbia citriodora	6.5	30	25	C-	C-	Maintain in place	6.5
317	Corymbia citriodora	12	60	18	C-	C-	Maintain in place	12
318	Corymbia citriodora	7	40	18	C-	C-	Maintain in place	7
319	Eucalyptus sideroxylon	15	60	30	C	D	Maintain in place	15
320	Corymbia citriodora	30	100	45	B	C	Maintain in place	30
321	Eucalyptus sideroxylon	10+12	25	34	B	D	Maintain in place	15
322	Eucalyptus sideroxylon	15	60	36	C	C-	Maintain in place	15
323	Eucalyptus sideroxylon	17	70	50	C	C-	Maintain in place	17

Tag	Species	DBH	Ht.	Wd.	Health	Structure	Recommendations	Clearance radius
324	Corymbia citriodora	5.5	45	20	D	C-	Maintain in place	5.5
325	Corymbia citriodora	8.5	40	30	C-	C-	Maintain in place	8.5
326	Corymbia citriodora	13	70	40	C-	C-	Maintain in place	13
327	Corymbia citriodora	9	30	20	C-	C-	Maintain in place	9
328	Magnolia grandiflora	9	16	16	C-	C	Replace, Rd. dedication	N/A
329	Magnolia grandiflora	10	20	18	C	C-	Replace, Rd. dedication	N/A
330	Magnolia grandiflora	9	18	16	B	C	Replace, Rd. dedication	N/A
331	Magnolia grandiflora	8	16	16	B	C	Replace, Rd. dedication	N/A
332	Magnolia grandiflora	8	16	16	D	D	Replace, Rd. dedication	N/A
333	Magnolia grandiflora	9	15	14	B	C	Replace, Rd. dedication	N/A
334	Magnolia grandiflora	8	16	15	C	C-	Replace, Rd. dedication	N/A
335	Magnolia grandiflora	7	14	13	C	C-	Replace, Rd. dedication	N/A
336	Magnolia grandiflora	8	14	13	D	C-	Replace, Rd. dedication	N/A
337	Magnolia grandiflora	8	20	18	D	C-	Replace, Rd. dedication	N/A

Appendix

A. Resume
B. Glossary
C. Tree Maps
D. Botanic Name – Common Name Cross-reference
E. Bibliography

A. Resume

Credentials

American Society of Consulting Arborists – Registered Consulting Arborist #365
American Society of Consulting Arborists – Tree & Plant Appraisal Qualified
American Society of Landscape Architects (ASLA), Emeritus
International Society of Arboriculture – Tree Risk Assessment Qualified
International Society of Arboriculture – Certified Arborist #WE-0180a

Experience

Mr. Applegate is an independent consulting arborist. He has been in the horticulture industry since 1963, providing professional arboricultural consulting since 1984 within both private and public sectors. His expertise includes appraisal, tree preservation, diagnosis of tree and palm growth problems, construction impact mitigation, environmental assessment, expert witness testimony, risk assessment, pruning specifications, species selection and tree health monitoring.

Mr. Applegate consults for insurance companies, major developers, universities, theme parks, universities, homeowners' associations, landscape architects, landscape contractors, property managers, attorneys and governmental bodies.

Notable projects on which he has consulted are: Disneyland, Disneyland Hotel, DisneySeas-Tokyo, Disney's Wild Animal Kingdom, the New Tomorrowland, Disney's California Adventure, Disney Hong Kong project, Universal Studios, Knott's Berry Farm, J. Paul Getty Museum, Tustin Ranch, Newport Coast, Crystal Court, Newport Fashion Island Palms, Bixby Ranch Country Club, Playa Vista, MTA Purple and Expo Lines, MWD-California Lakes, Loyola-Marymount campus, Cal Tech, Cal State Long Beach, Pierce College, The Irvine Concourse, UCI, USC, UCLA, LA City College, LA Trade Tech, Riverside City College, Crafton Hills College, and the State of California review of the Landscape Architecture License exam (re: plant materials)

Education

Bachelor of Science in Landscape Architecture,
California State Polytechnic University, Pomona 1973
Arboricultural Consulting Academy (by ASCA)
Arbor-Day Farm, Kansas City 1995
Continuing Education Courses in Arboriculture
required to maintain Certified Arborist status and for ASCA membership

Professional Affiliations

American Society of Consulting Arborists (ASCA), Full Member
American Society of Landscape Architects (ASLA), Full Member
International Society of Arboriculture (ISA), Regular Member
International Palm Society (IPS), Member
California Tree Failure Report Program, UC Davis, Participant
Street Tree Seminar (STS), Associate Member

Community Affiliations

Horticulture Advisory Committee, Saddleback College (1988 – 1998)
Landscape Arch. License Exam prep, Instructor, Cal Poly Pomona (1986-90)
American Institute of Landscape Architects Board of Directors (1980-82)
California Landscape Architect Student Scholarship Fund-Chairman (1985)
International Society of Arboriculture-Examiner-tree worker certification (1990)
Guest lecturer at UCLA, Cal Poly, Saddleback College, & Palomar Junior College

B. Glossary

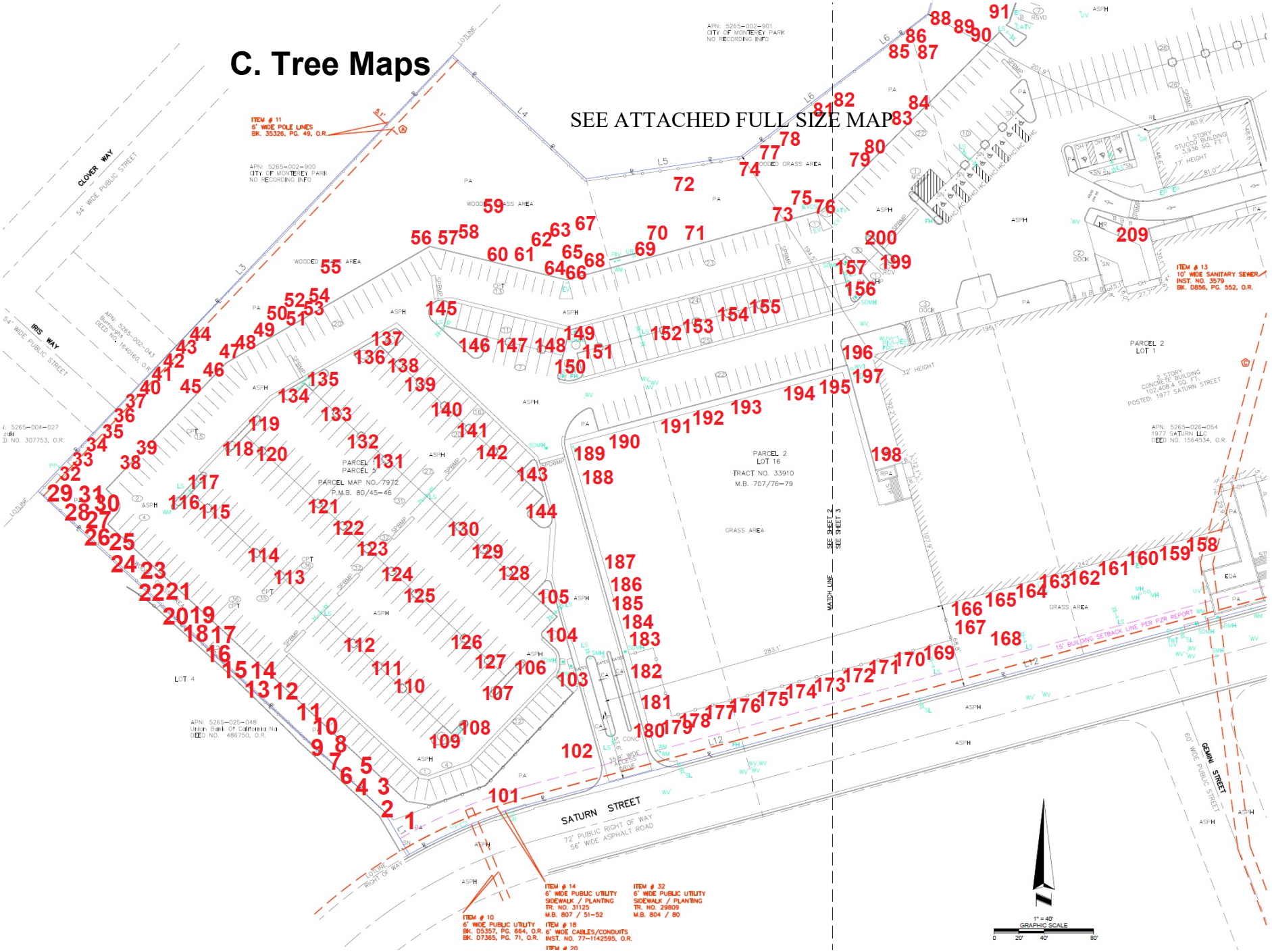
Air-roots	pneumatophores, a special type of breathing root, which is stemmed out from the subterranean root system. Most notably they help the plants of salt marshes to absorb oxygen and other gases from the air, e.g. bald cypress, but also some palm species in heavy and/or wet soils.
ANSI	American National Standards Institute, ANSI A300 pertains to trees, ANSI A300 part 1, pruning
Arboriculture	The selection, cultivation, and care of trees, vines, and shrubs.
Arborist	A person possessing the technical competence through experience and related training to provide for or supervise the management of trees or other woody plants in a landscape setting.
ASCA	The American Society of Consulting Arborists, Inc. a professional society, as described in its by-laws.
ASLA	American Society of Landscape Architects, Inc. a professional society, as described in its by-laws
Branch angle	The angle of attachment between two branches, aka crotch angle.
Canopy	The part of the crown composed of foliage and twigs, for an individual tree or collective group of trees.
Chlorotic	Lacking in chlorophyll, typically yellow or yellowish in color.
Codominant	Leaders equal in size and relative importance, developed from two apical buds at the top of a stem. Each codominant stem is an extension of the stem below it. There are no branch collars or trunk collars at the bases of codominant stems.
Crown	The upper portions of a tree or shrub, including the main limbs, branches, and twigs.
Crown reduction	Reducing the size of the canopy using thinning versus heading cuts. Should not exceed 20 to 25 percent branch removal.
Crown restoration	Restoration of natural and/or structurally sound form to a tree which has been previously topped, headed or damaged. (synonym – crown restructure pruning)
Cultivar	A unique form or type propagated through selective breeding and maintained for specific purposes and retains those attributes in further propagation. An acronym for “cultivated variety”; cultivars can be naturally occurring plants, but usually have been cultivated with specific desirable characteristics in appearance and/or resilience. Maybe a field selection or a horticultural variety that has originated and persisted under cultivation. Usually enclosed in single quotes after the genus and species names.
Decay	Progressive deterioration of organic tissues, usually caused by fungal or bacterial organisms, resulting in loss of cell structure, strength, and function. In wood, the loss of structural strength.

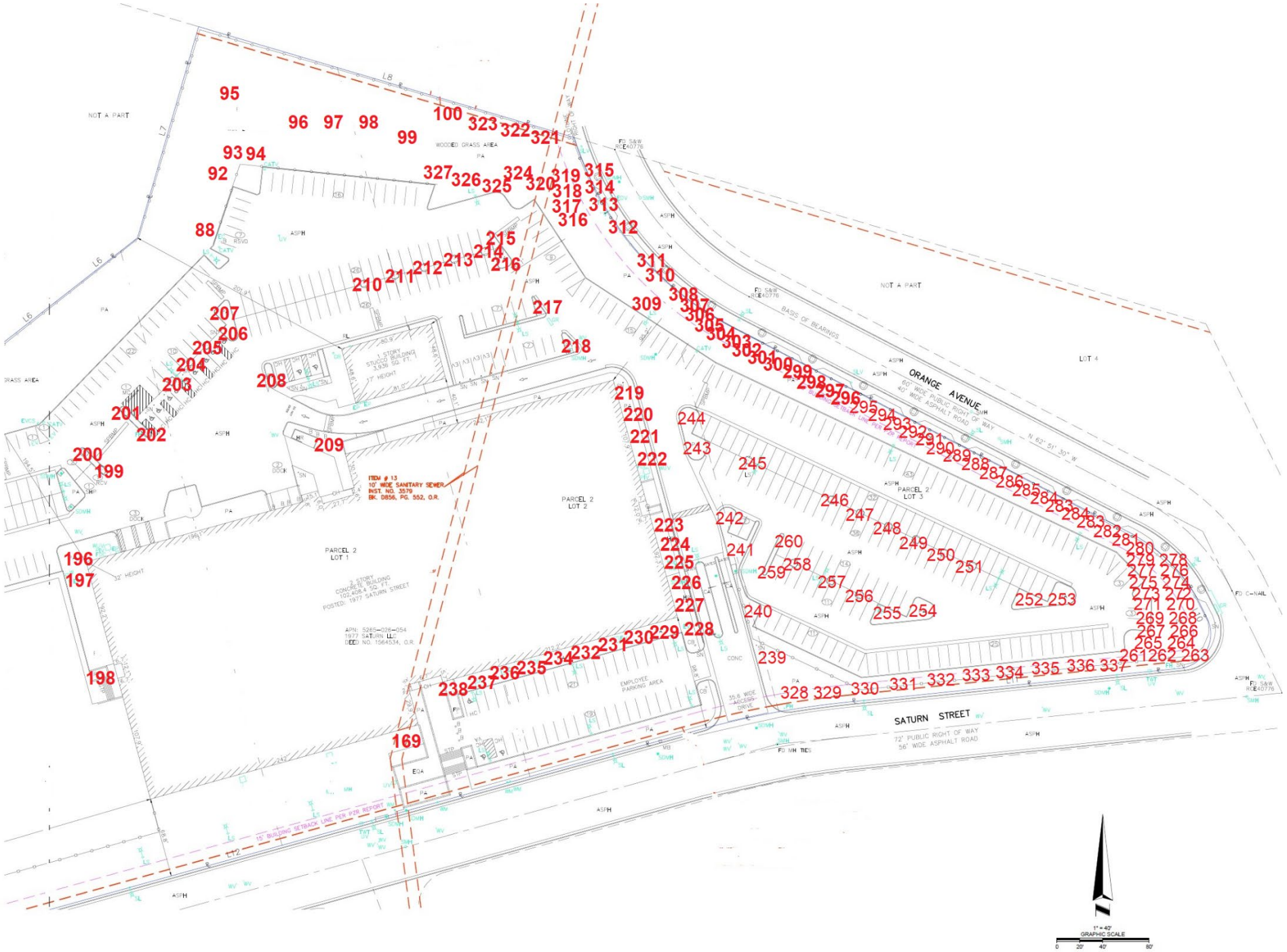
Decline	Progressive reduction of health or vigor of a plant.
Dripline	A projected line on the ground that corresponds to the spread of branches in the canopy; the farthest spread of branches.
Epicormic	Epi - upon; cormic – stem. Branches that are upon the stem, i.e. sprouting from either dormant buds in the cambial zone, or from buds sprung anew from ray traces. Epicormic shoots are a sign that energy reserves have been lowered
Excurrent	Referring to crowns having a strong central leader.
Flush cut	Pruning technique in which both branch and stem tissue are removed, generally considered poor practice
Gall	An abnormal swollen lump on the trunk, limb or roots, possibly caused by insects or bacteria
Girdling root	A root that partially or entirely encircles the trunk and/or buttress roots, which could restrict growth and downward movement of photosynthate and/or water and nutrients up.
Heading	Pruning techniques where the cut is made to a bud, weak lateral branch or stub.
Included bark	Bark or cortex tissue that is included or trapped between close-growing branches. Usually found in narrow or tight crotches.
Leader	A dominant upright stem, usually the main trunk. There can be several leaders in one tree.
Limb	A large lateral branch growing from the main trunk.
Lion-tailed	The removal of all, or a great deal of, the inner branches and/or watersprouts from the crown of a tree. Lion's Tailing is not an acceptable pruning practice, see ANSI A-300.10.1.7.
Over-lifted	More than 30% of the lower limbs removed.
Over-pruned	More than 25% of the foliage removed.
Root system	The portion of the tree containing the root organs, including buttress roots, transport roots, and fine absorbing roots; all underground parts of the tree.
Scaffold limb	Primary structural branch of the crown.
Sprout	Also water sprout. A shoot or stem that grows from the bark of a tree; adventitious or secondary growth.
Stress	"Stress is a potentially injurious, reversible condition, caused by energy drain, disruption, or blockage, or by life processes operating near the limits for which they were genetically programmed." Alex Shigo

Shrub	The name usually given to a relatively short (less than 15 feet) woody plant, with multiple stems arising near the ground.
Suppressed	Trees which have been overtopped and whose crown development is restricted from above
Topping	The practice of cutting large limbs back severely, without regard to form or habit of the tree. Cuts are usually made between lateral branch nodes. This practice is extremely injurious to trees, and promotes decay in the canopy.
Trees	woody plant, (more than 15 feet) with a single or few trunks near the base.
Value	The relative worth, merit, or importance of a thing, expressed as a single point, a range, or a relationship to a benchmark.
Vigor	Active, healthy growth of plants: ability to respond to stress factors.

C. Tree Maps

SEE ATTACHED FULL SIZE MAP




ORANGE AVENUE
SATURN STREET
PARCEL 2 LOT 1
PARCEL 2 LOT 2
PARCEL 2 LOT 3
LOT 4
NOT A PART
ITEM # 13 10' WIDE SANITARY SEWER INST. NO. 3579 BK. D856, PG. 552, O.R.
15' BUILDING SETBACK LINE PER PZR REPORT
1" = 40' GRAPHIC SCALE

D. Botanic Name – Common Name Cross-reference

Botanic name	Common name
Corymbia citriodora	Lemon gum
Cupaniopsis anacardioides	Carrotwood
Eucalyptus leucoxylon	White ironbark
Eucalyptus sideroxylon	Red ironbark
Magnolia grandiflora cv.	Southern magnolia cultivar
Platanus racemosa	California sycamore
Platanus x Hispanica	London plane
Schinus terebinthifolius	Brazil pepper
Ulmus parviflora	Chinese elm

E. Bibliography for Additional Information

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Harris, R. W., and Clark, J. R., and Matheny, N. P.1999. *Arboriculture - Integrated Management of Landscape Trees, Shrubs, And Vine*s, 4th Edition. Prentice Hall

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Disclaimer

Good, current information on tree preservation has been applied. However, even when every tree is inspected, inspection involves sampling, therefore some areas of decay or weakness may be missed. A complete tree hazard evaluation was not requested or performed. Weather, winds and the magnitude and direction of storms are not predictable and some failures may still occur despite the best application of high professional standards – especially considering the unknown amount of necessary root cutting. Future tree maintenance will also affect the trees health and stability and is not under the supervision or scrutiny of this consultant. Continuing construction activity such as trenching will also affect the health and safety, but are unknown and unsupervised by this consultant. Trees are living, dynamic organisms and their future status cannot be predicted with complete certainty by any expert. This consultant does not assume liability for any tree failures involved with this property.

Should the plans change, additional trees may need to be evaluated for likely impacts and mitigation measures. This report is in response to the proposed plans provided to this consultant, and the accepted scope of work.

Certification

I, Gregory W. Applegate, certify to the best of my knowledge and belief:

That the statements of fact contained in this report are true and correct. That the report analysis, opinions, and conclusions are limited only the reported assumptions and limiting conditions, and are my personal unbiased professional analysis, opinions and conclusions.

That I have no present or prospective interest in the vegetation that is the subject of this report, and I have no personal interest or bias with respect to the parties involved.

That my compensation is not contingent upon a reporting that favors the cause of the client, the attainment of a stipulated result, or the occurrence of a subsequent event.

That my analysis, opinions, and conclusions were developed, and this report has been prepared, in conformity the standards of arboricultural practice.

That I have made a personal inspection of the plants that are the subject of this report.

Furthermore, the opinions above are held with reasonable degree of professional certainty, predicated on over 50 years of experience in the nursery, landscape, and arboricultural industries and the documents and information provided me.

Arborgate Consulting, Inc.
Gregory W. Applegate, ASCA, ASLA emeritus _____ Date 7-15-2024
Registered Consulting Arborist #365



Appendix D

Cultural Resources Assessment

Kimley»Horn

CULTURAL RESOURCES ASSESSMENT

1977 Saturn Data Center Project

City of Monterey Park, Los Angeles County, California

Prepared for:

Bryan Marsh, CEO
SDCF Monterey Park, LLC
660 Steamboat Road
Greenwich, Connecticut 06830

Prepared by:

David Brunzell, M.A., RPA
Contributions by Nicholas Shepetuk, B.A
BCR Consulting LLC
Claremont, California 91711

Project No. SDC2401

Data Base Information:
Type of Study: Phase I Cultural Resources Assessment
Resources Recorded: 1977 Saturn Street
Keywords: Historic-Period Office Building; Historic-Period Commercial Building
USGS Quadrangle: 7.5-minute *El Monte, California* (1994)

BCR CONSULTING LLC

July 17, 2024

MANAGEMENT SUMMARY

BCR Consulting LLC (BCR Consulting) is under contract to SDCF Monterey Park, LLC to conduct a Cultural Resources Assessment of the 1977 Saturn Data Center Project (project) in the City of Monterey Park, Los Angeles County, California. The work is being performed pursuant to the California Environmental Quality Act (CEQA). A cultural resources records search, additional research, field survey, and Sacred Lands File Search with the Native American Heritage Commission (NAHC) were conducted for the project. The records search revealed that 12 cultural resource studies have taken place resulting in five cultural resources identified within a one-half mile radius of the project site. Of the 12 previous studies, one has assessed the project site for cultural resources, and no cultural resources have been previously identified within its boundaries.

During the research and field survey, BCR Consulting archaeologists identified a historic-period (45 or more years old) office building that occupies the project site. BCR Consulting recommends that this resource does not meet eligibility criteria for the California Register of Historical Resources (California Register) and as such it is not recommended a historical resource under CEQA. Based on these results no further cultural resource work is recommended for the current undertaking. Disturbances associated with previous excavation and construction of the existing historic-period building at the project site have been severe and have disrupted soil beyond depths at which buried cultural resources are likely. Also, no significant buried cultural resources have been recorded in the vicinity of the project site. As a result, the potential to encounter in-situ remains associated with significant archaeological materials during project-related excavation is low.

While the current study has not indicated sensitivity for unknown cultural resources within the project boundaries, ground disturbing activities always have the potential to reveal buried deposits not observed on the surface during previous surveys. Prior to the initiation of ground-disturbing activities, field personnel should be alerted to the possibility of buried prehistoric or historic cultural deposits. In the event that field personnel encounter buried cultural materials, work in the immediate vicinity of the find should cease and a qualified archaeologist should be retained to assess the significance of the find. The qualified archaeologist shall have the authority to stop or divert construction excavation as necessary. If the qualified archaeologist finds that any cultural resources present meet eligibility requirements for listing on the California Register or the National Register, plans for the treatment, evaluation, and mitigation of impacts to the find will need to be developed. Prehistoric or historic cultural materials that may be encountered during ground-disturbing activities include:

- historic artifacts such as glass bottles and fragments, cans, nails, ceramic and pottery fragments, and other metal objects;
- historic structural or building foundations, walkways, cisterns, pipes, privies, and other structural elements;
- prehistoric flaked-stone artifacts and debitage (waste material), consisting of obsidian, basalt, and or cryptocrystalline silicates;
- groundstone artifacts, including mortars, pestles, and grinding slabs;
- dark, greasy soil that may be associated with charcoal, ash, bone, shell, flaked stone, groundstone, and fire affected rocks.

Results of the Sacred Lands File search were positive and the NAHC recommended contacting the Gabrieleno Band of Mission Indians-Kizh Nation for more information. The City will initiate Assembly Bill (AB) 52 Native American Consultation for the project with tribes, as required. Since the city will initiate and carry out the required Native American Consultation, the results of the consultation are not provided in this report. However, this report may be used during the consultation process, and BCR Consulting staff is available to answer questions and address concerns as necessary.

According to CEQA Guidelines, projects subject to CEQA must determine whether the project would "directly or indirectly destroy a unique paleontological resource". The Paleontological Overview provided in Appendix E has recommended that:

> I have conducted a thorough search of our paleontology collection records for the locality and specimen data for proposed development at the Stratcap 1977 Saturn project area as outlined on the portion of the El Monte USGS topographic quadrangle map that you sent to me via e-mail on February 20, 2024. We do not have any fossil localities that lie directly within the proposed project area, but we do have fossil localities nearby from the same sedimentary deposits that may occur in the proposed project area, either at the surface or at depth.
>
> The following table shows the closest known localities in the collection of the Natural History Museum of Los Angeles County (NHMLA).
>
> [Table excluded, see Appendix E]
>
> This records search covers only the records of the NHMLA. It is not intended as a paleontological assessment of the project area for the purposes of CEQA or NEPA. Potentially fossil-bearing units are present in the project area, either at the surface or in the subsurface. As such, NHMLA recommends that a full paleontological assessment of the project area be conducted by a paleontologist meeting Federal (43 Code of Federal Regulations Part 49.110) or Society of Vertebrate Paleontology standards.

If human remains are encountered during the undertaking, State Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The County Coroner must be notified of the find immediately. If the remains are determined to be prehistoric, the Coroner will notify the Native American Heritage Commission (NAHC), which will determine and notify a Most Likely Descendant (MLD). With the permission of the landowner or his/her authorized representative, the MLD may inspect the site of the discovery. The MLD shall complete the inspection within 48 hours of notification by the NAHC.

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A: DEPARTMENT OF PARKS AND RECREATION 523 FORMS
B: RECORDS SEARCH BIBLIOGRAPHY
C: PROJECT PHOTOGRAPHS
D: NAHC SACRED LANDS FILE SEARCH
E: PALEONTOLOGICAL RESOURCE RESUTLS

INTRODUCTION

BCR Consulting LLC (BCR Consulting) is under contract to SDCF Monterey Park, LLC to complete a Cultural Resources Assessment of the 1977 Saturn Data Center Project (project) in the City of Monterey Park (City), Los Angeles County, California. The project occupies approximately 15.80 acres and is bound by a municipal property to the north, commercial complexes to the south and southwest, residential properties to the northwest and northeast, and vacant lots to the east. A cultural resources records search, additional research, intensive-level pedestrian field survey, paleontological overview, and Sacred Lands File search with the Native American Heritage Commission (NAHC) were conducted for the project in partial fulfillment of the California Environmental Quality Act (CEQA). The project site is located in a non-sectioned portion of Township 1 South, Range 12 West, San Bernardino Baseline and Meridian. It is depicted on the United States Geological Survey (USGS) *El Monte, California* (1994) 7.5-minute topographic quadrangle (Figure 1).

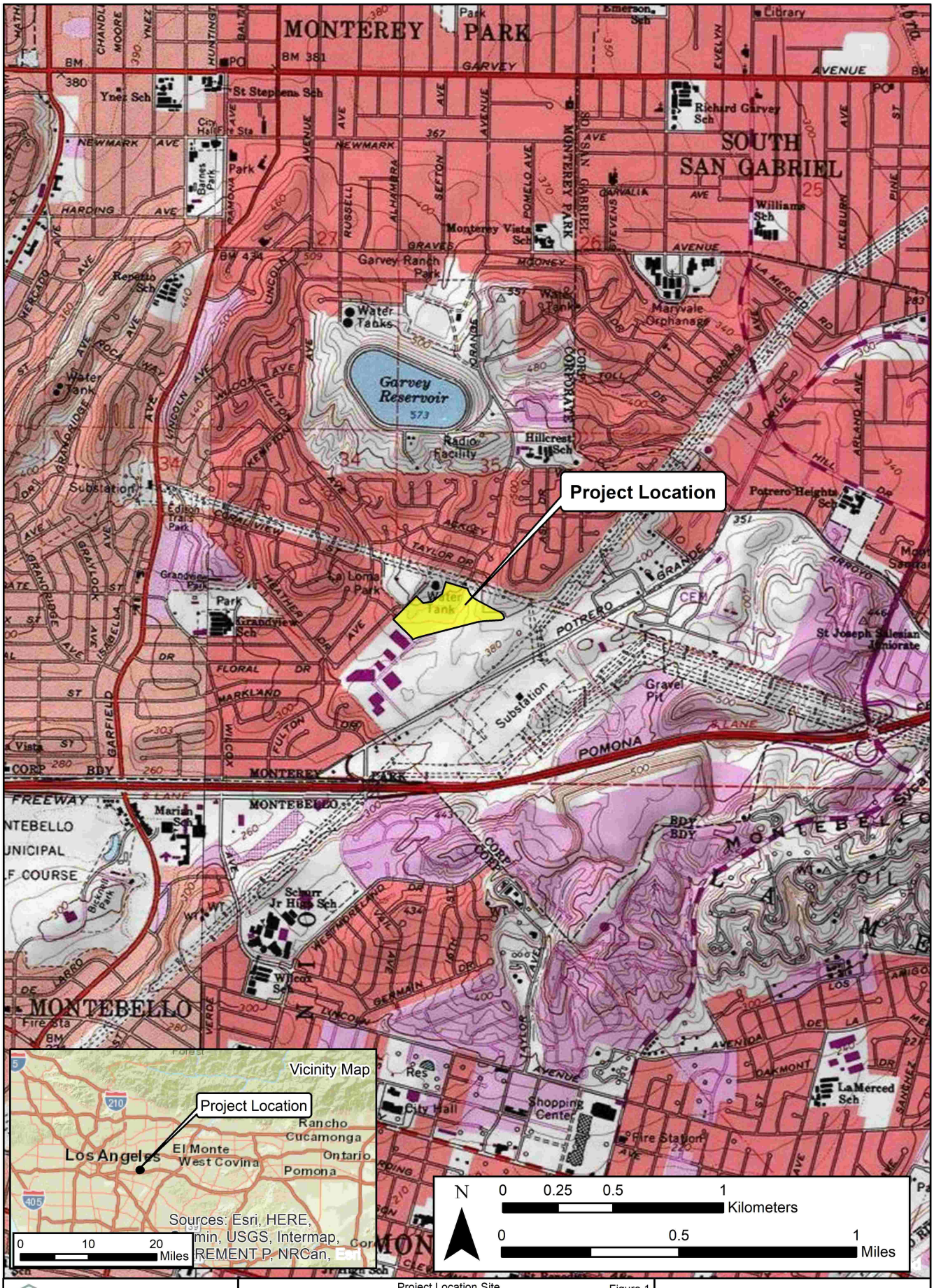
Regulatory Setting

The California Environmental Quality Act. CEQA applies to all discretionary projects undertaken or subject to approval by the state's public agencies (California Code of Regulations 14(3), § 15002(i)). Under CEQA, "A project with an effect that may cause a substantial adverse change in the significance of a historical resource is a project that may have a significant effect on the environment" (Cal. Code Regs. tit. 14(3), § 15064.5(b)). State CEQA Guidelines section 15064.5(a) defines a "historical resource" as a resource that meets one or more of the following criteria:

- Listed in, or eligible for listing in, the California Register of Historical Resources (California Register)
- Listed in a local register of historical resources (as defined at Cal. Public Res. Code § 5020.1(k))
- Identified as significant in a historical resource survey meeting the requirements of § 5024.1(g) of the Cal. Public Res. Code
- Determined to be a historical resource by a project's lead agency (Cal. Code Regs. tit. 14(3), § 15064.5(a))

A historical resource consists of "Any object, building, structure, site, area, place, record, or manuscript which a lead agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California…Generally, a resource shall be considered by the lead agency to be 'historically significant' if the resource meets the criteria for listing in the California Register of Historical Resources" (Cal. Code Regs. tit. 14(3), § 15064.5(a)(3)).

The significance of a historical resource is impaired when a project demolishes or materially alters in an adverse manner those physical characteristics of a historical resource that convey its historical significance and that justify its eligibility for the California Register. If an impact on a historical or archaeological resource is significant, CEQA requires feasible measures to minimize the impact (State CEQA Guidelines § 15126.4 (a)(1)). Mitigation of significant impacts must lessen or eliminate the physical impact that the project will have on the resource.



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Project Location Site
Stratcap 1977 Saturn Park Project

Reference: ESRI; USGS Quad: El Monte (1981), California

Figure 1

SDCF Monterey Park, LLC

Section 5024.1 of the Cal. Public Res. Code established the California Register. Generally, a resource is considered by the lead agency to be "historically significant" if the resource meets the criteria for listing in the California Register (Cal. Code Regs. tit. 14(3), § 15064.5(a)(3)). The eligibility criteria for the California Register are similar to those of the National Register of Historic Places (National Register), and a resource that meets one or more of the eligibility criteria of the National Register will be eligible for the California Register. The California Register program encourages public recognition and protection of resources of architectural, historical, archaeological, and cultural significance, identifies historical resources for state and local planning purposes, determines eligibility for state historic preservation grant funding and affords certain protections under CEQA. Criteria for Designation:

1. Associated with events that have made a significant contribution to the broad patterns of local or regional history or the cultural heritage of California or the United States.
2. Associated with the lives of persons important to local, California or national history.
3. Embodies the distinctive characteristics of a type, period, region or method of construction or represents the work of a master or possesses high artistic values.
4. Has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California or the nation.

In addition to meeting one or more of the above criteria, the California Register requires that sufficient time has passed since a resource's period of significance to "obtain a scholarly perspective on the events or individuals associated with the resources." (CCR 4852 [d][2]). Fifty years is normally considered sufficient time for a potential historical resource, and in order that the evaluation remain valid for a minimum of five years after the date of this report, all resources older than 45 years (i.e. resources from the "historic-period") will be evaluated for California Register listing eligibility, or CEQA significance. The California Register also requires that a resource possess integrity. This is defined as the ability for the resource to convey its significance through seven aspects: location, setting, design, materials, workmanship, feeling, and association.

Finally, CEQA requires that significant effects on unique archaeological resources be considered and addressed. CEQA defines a unique archaeological resource as any archaeological artifact, object, or site about which it can be clearly demonstrated that, without merely adding to the current body of knowledge, there is a high probability that it meets any of the following criteria:

1. Contains information needed to answer important scientific research questions and there is a demonstrable public interest in that information.
2. Has a special and particular quality such as being the oldest of its type or the best available example of its type.
3. Is directly associated with a scientifically recognized important prehistoric or historic event or person.

CEQA Guidelines Section 15064.5 Appendix G includes significance criteria relative to archaeological and historical resources. These have been utilized as thresholds of significance here, and a project would have a significant environmental impact if it would:

a) cause a substantial adverse change in the significance of a historical resource as defined in section 10564.5;

b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 10564.5;

c) Disturb any human remains, including those interred outside of formal cemeteries.

Tribal Cultural Resources. The Legislature added requirements regarding tribal cultural resources for CEQA in Assembly Bill 52 (AB 52) that took effect July 1, 2015. AB 52 requires consultation with California Native American tribes and consideration of tribal cultural resources in the CEQA process. By including tribal cultural resources early in the CEQA process, the legislature intended to ensure that local and Tribal governments, public agencies, and project proponents would have information available, early in the project planning process, to identify and address potential adverse impacts to tribal cultural resources. By taking this proactive approach, the legislature also intended to reduce the potential for delay and conflicts in the environmental review process. To help determine whether a project may have such an effect, the Public Resources Code requires a lead agency to consult with any California Native American tribe that requests consultation and is traditionally and culturally affiliated with the geographic area of a Proposed Project. Since the City will initiate and carry out the required AB52 Native American Consultation, the results of the consultation are not provided in this report. However, this report may be used during the consultation process, and BCR Consulting staff are available to answer questions and address comments as necessary.

Paleontological Resources. CEQA provides guidance relative to significant impacts on paleontological resources, indicating that a project would have a significant impact on paleontological resources if it disturbs or destroys a unique paleontological resource or site or unique geologic feature. Section 5097.5 of the California Public Resources Code specifies that any unauthorized removal of paleontological remains is a misdemeanor. Further, California Penal Code Section 622.5 sets the penalties for damage or removal of paleontological resources. CEQA documentation prepared for projects would be required to analyze paleontological resources as a condition of the CEQA process to disclose potential impacts. Please note that as of January 2018 paleontological resources are considered in the geological rather than cultural category. Therefore, paleontological resources are not summarized in the body of this report.

NATURAL SETTING

The local geologic region coincides with the physiographic area known as the Los Angeles Basin. It is characterized as a transverse-oriented lowland basin and coastal plain approximately 50 miles long and 20 miles wide. The basin originated as a deep marine trough during the Pliocene (7-2 million years ago) that eventually filled with shallow water fossil bearing sediments. By the beginning of the Pleistocene (after 2 million years ago) uplifting created the series of plains and mesas along the coast that now characterize the

area (Lambert 1994, Mendenhall 1905, Woodford et al. 1954). Local rainfall ranges from 5 to 15 inches annually (Jaeger and Smith 1971:36-37). The project region comprises a portion of the Los Angeles River flood plain, which (locally channelized and paved) flows from north to south. Although much of the native vegetation has been locally removed, chaparral, coastal sage scrub, and riparian vegetation communities dominate regional flora. Key native plants include black sage, California brittlebush, California buckwheat, California sagebrush, deerweed, golden yarrow, laurel sumac, lemonadeberry, poison oak, purple sage, sticky monkeyflower, sugar bush, toyon, white sage, coastal century plant, coastal cholla, prickly-pear cactus, arroyo willow, and bulrush. These plants were utilized by local animal species, kangaroo rats, California horned lizard, orange-throated whiptail, horned lizard, brown-headed cowbird, California gnatcatcher, California quail, cactus wren, darkling beetle, harvester ant, and Palos Verdes blue butterfly (Williams et al. 2008:117,122). Peripheral species included deer, and various rodents, rabbits, and birds -many of which were utilized by prehistoric and historic inhabitants (see Lightfoot and Parrish 2009).

CULTURAL SETTING

Prehistoric Context

Two primary regional syntheses are commonly utilized in the archaeological literature for southern California. The first was advanced by Wallace in 1955, and defines four cultural horizons, each with characteristic local variations: Early Man Horizon, Milling Stone, Intermediate, and Late Prehistoric. Employing a more ecological approach, Warren and Crabtree (1986) defined five periods in southern California prehistory: Lake Mojave, Pinto, Gypsum, Saratoga Springs, and Protohistoric. Warren and Crabtree viewed cultural continuity and change in terms of various significant environmental shifts, defining the cultural ecological approach for archaeological research of the California deserts and coast. Many changes in settlement patterns and subsistence focus are viewed as cultural adaptations to a changing environment, beginning with the gradual environmental warming in the late Pleistocene, the desiccation of the desert lakes during the early Holocene, the short return to pluvial conditions during the middle Holocene, and the general warming and drying trend, with periodic reversals that continue to this day (Warren and Crabtree 1986).

Ethnography

Although no prehistoric sites have been locally recorded, in general the project site is situated within Gabrielino territory.

Gabrielino. The Gabrielino probably first encountered Europeans when Spanish explorers reached California's southern coast during the 15th and 16th centuries (Bean and Smith 1978; Kroeber 1925). The first documented encounter, however, occurred in 1769 when Gaspar de Portola's expedition crossed Gabrielino territory (Bean and Smith 1978). Other brief encounters took place over the years and are documented in McCawley 1996 (citing numerous sources). The Gabrielino name has been attributed by association with the Spanish mission of San Gabriel, and refers to a subset of people sharing speech and customs with other Cupan speakers (such as the Juaneño/Luiseño/Ajachemem) from the greater Takic branch of the Uto-Aztecan language family (Bean and Smith 1978). Gabrielino villages occupied the watersheds of various rivers (locally including the Santa Ana) and intermittent streams. Chiefs were usually descended through the male line and often

administered several villages. Gabrielino society was somewhat stratified and is thought to have contained three hierarchically ordered social classes which dictated ownership rights and social status and obligations (Bean and Smith 1978:540-546). Plants utilized for food were heavily relied upon and included acorn-producing oaks, as well as seed-producing grasses and sage. Animal protein was commonly derived from rabbits and deer in inland regions, while coastal populations supplemented their diets with fish, shellfish, and marine mammals (Boscana 1933, Heizer 1968, Johnston 1962, McCawley 1996). Dog, coyote, bear, tree squirrel, pigeon, dove, mud hen, eagle, buzzard, raven, lizards, frogs, and turtles were specifically not utilized as a food source (Kroeber 1925:652).

History

Historic-era California is generally divided into three periods: the Spanish or Mission Period (1769 to 1821), the Mexican or Rancho Period (1821 to 1848), and the American Period (1848 to present).

Spanish Period. The first European to pass through the area is thought to be a Spaniard called Father Francisco Garces. Having become familiar with the area, Garces acted as a guide to Juan Bautista de Anza, who had been commissioned to lead a group across the desert from a Spanish outpost in Arizona to set up quarters at the Mission San Gabriel in 1771 near what today is Pasadena (Beck and Haase 1974). Garces was followed by Alta California Governor Pedro Fages, who briefly explored the region in 1772. Searching for San Diego Presidio deserters, Fages had traveled through Riverside to San Bernardino, crossed over the mountains into the Mojave Desert, and then journeyed westward to the San Joaquin Valley (Beck and Haase 1974).

Mexican Period. In 1821, Mexico overthrew Spanish rule and the missions began to decline. By 1833, the Mexican government passed the Secularization Act, and the missions, reorganized as parish churches, lost their vast land holdings, and released their neophytes (Beattie and Beattie 1974).

American Period. The American Period, 1848–Present, began with the Treaty of Guadalupe Hidalgo. In 1850, California was accepted into the Union of the United States primarily due to the population increase created by the Gold Rush of 1849. The cattle industry reached its greatest prosperity during the first years of the American Period. Mexican Period land grants had created large pastoral estates in California, and demand for beef during the Gold Rush led to a cattle boom that lasted from 1849–1855. However, beginning about 1855, the demand for beef began to decline due to imports of sheep from New Mexico and cattle from the Mississippi and Missouri Valleys. When the beef market collapsed, many California ranchers lost their ranchos through foreclosure. A series of disastrous floods in 1861–1862, followed by a significant drought further diminished the economic impact of local ranching. This decline combined with ubiquitous agricultural and real estate developments of the late 19th century, set the stage for diversified economic pursuits that continue to this day (Beattie and Beattie 1974; Cleland 1941).

Monterey Park. Prior to the discovery of gold at Sutter's Mill in 1848, settlements throughout the state consisted of scattered missions and ranches with most streams and rivers running uncontrolled. Spanish Rancher Jose Lugo built the first Adobe in 1840 near

what is now South Garfield Avenue in Monterey Park. During the Gold Rush, miners built hundreds of miles of flumes to sluice gold in streams, creeks, and rivers. Gold became scarce by the 1860s, and many residents of the newly admitted state of California turned to farming which heightened the demand for water. In subsequent decades the expansion of local agriculture was accompanied by higher populations and a diversified economy.

Following the American Civil War, some of the West San Gabriel Valley's first European settlers were arriving in the area, among them was a young Italian Shepherd named Alessandro Repetto who would build one of the first residences in what is now Monterey Park. Repetto purchased 5,000 acres from Rancho San Antonio and built his residence about one-half mile north of where Garfield Avenue intersects with the Pomona Freeway. Some years later, following his service as a mail courier for both the Pony Express and the US Army, Richard Garvey purchased property in the King's Hills of Monterey Pass. He established a ranch and began bringing in spring water from nearby Rio Hondo and formed Garvey Lake near the current location of Garvey Ranch Park. The 1881 completion of the Southern Pacific Railroad and the 1885 completion of the Santa Fe Railroad connected the region from the Mexican border as far north as Ventura and as far inland as Arizona. This resulted in an influx of settlers and land speculators who began subdividing and developing local tracts (Brock et. al. 1992:19). Groundwater was pumped through artesian wells, and open canals were commonly used to transport water as early as the 1860s. Over his lifetime, Richard Garvey sold parcels of his land to pay debts and costs incurred for development of his property beginning in 1906, with what was known as Ramona Acres, northeast of what is now the intersection of Garvey and Garfield Avenues.

The swell of southern California's population into the twentieth century necessitated more creative means of meeting both domestic and commercial water demands (Carle 2004:227; California Department of Water Resources 2020; Harding 1960:2, 109). After learning of a plan for their northern neighbors in Pasadena, South Pasadena, and Alhambra to build a sewage facility adjacent to their community, the residents of what is now Monterey Park voted in favor of cityhood in 1916. The City's new board of directors outlawed sewage facilities within city boundaries and derived its name from an old government map labeling the hills of the area as "Monterey Hills". By 1920, a large area of southern Monterey Park had separated from Monterey Park and formed the city of Montebello. By this time, Asian and Asian-American populations began settling in the Monterey Highlands area, establishing potato and flower farms, as well as improving and renaming the Monterey Pass Trail, now named Coyote Pass by Pioneer Masami Abe. In 1926, bagged potato chips were invented by Laura Scudder near the corner of Atlantic and Garvey Avenue. Scudder ran her business in the back of her husband's gas station, and would iron wax paper bags closed to maintain the freshness of the chips inside before distributing them to retailers.

Real estate had boomed as an industry by the 1920's due to the development of residential subdivisions and growing commercial opportunities. One individual at the center of this phenomenon was Peter N. Snyder, who was responsible for much of the development along Atlantic Boulevard and Garfield Avenue. Snyder aspired to establish a garden community in the Monterey Hills to rival Bel-Air and Beverly Hills to the northwest. This development was to be named Midwick View Estates, and would be centered around Jardin del Encanto, a Spanish-style building with impressive water features that still remains today and would

have served as the administrative and community center. The development flopped due to the Great Depression. Development in the area, like much of the country, had stagnated following the depression and saw little growth until the end of World War II. After World War II residential subdivisions were constructed throughout the San Gabriel Valley to accommodate returning service personnel. Development continued to proliferate through the 1960s and 1970s, and former industrial landmarks such as the old Davidson Brickyard was replaced by strip malls, modern corporate centers, and industrial parks (Monterey Park 2023; Sonksen 2013).

Lloyd's Bank. Lloyd's Bank California was the initial occupant of the project site, and briefly in 1980 utilized the project location as their US headquarters (Los Angeles Times 1980). Currently known as Lloyd's Banking Group, Lloyds Bank was established in Birmingham, England in 1765 by Sampson Lloyd and John Taylor. The bank was originally known as Taylors & Lloyds and occupied the same office in Birmingham until 1864, providing finance services in Birmingham during the industrial revolution. In 1853 it was renamed Lloyds and Company and having merged with Moilliet and Sons in 1865 became incorporated as Lloyds Banking Company Ltd. Under its new name it became a joint-stock investment bank and began to invest capital in various industrial sectors to maximize yields with minimal risk exposure. It became Lloyds Bank Ltd. in 1889. As the bank continued to expand its capital base, it reorganized from a partnership to a corporation with shareholders and a board of directors. From the late 19th to the early 20th century, Lloyds acquired the assets of more than 50 banks and after World War I it merged with Capital & Counties Bank making it one of the largest banks in England. In 1971 Lloyds acquired most of BOLSA International Bank, Ltd and the merger resulted in the formation of Lloyds and BOLSA International Bank, Ltd., which expanded its holdings into France, Spain, and Portugal. By 1978 it had branches and/or subsidiaries throughout 43 countries and its members could utilize its financial services globally. Lloyds merged with the Trustee Savings Bank in 1995 and it became known as Lloyds TSB Group PLC, and in 2009 it absorbed Halifax Bank of Scotland PLC, creating Lloyds Banking Group, as it is currently known. During the financial crisis of 2008, the United Kingdom government took large equity stakes in several of that country's largest banks to help avoid a financial collapse and in doing so became the owner of 43 percent of Lloyds. The government increased its equity stake to 65 percent in 2009. As conditions improved, the government reduced its ownership to 24 percent by 2015.

Functionally, Lloyd's accounting was calculated by individual bankers until 1929 when they began to use a mechanized system. By 1962 early computers were in use to process increasingly complex financial calculations and in 1972, Lloyd's installed a Cashpoint machine in Brentwood, Essex which was the United Kingdom's first real time Automatic Teller Machine. Internet banking was launched in 1998 and the first mobile app appeared in 2011. Today, Lloyds Banking Group is one of the larges banks in the United Kingdom and is currently headquartered in London (Lloyds Banking Group 2024, Duignan 2024).

The subject building was operated by Lloyds Bank California which formed in 1974 as a subsidiary of Lloyds and BOLSA International Bank, Ltd. Lloyds Bank of California initiated some automated services and by 1981 all systems utilized the IBM computer. Its ATM network expanded significantly in 1984 when Lloyds Bank California joined 11 other financial institutions to utilize the Star System ATM network. In 1985, Lloyds bank began to

explore unloading capital of Lloyds Bank California due to poor returns and reallocating its U.S. resources, divesting from individuals to refocus on its corporate business in New York (Broder 1986). In 1986 Sanwa Bank California acquired Lloyds Bank California's branches (including the project site). Sanwa Bank operated at the project site until about 2001 when Sanwa Bank California merged with Tokai Bank of California (Reckard 2002).

PERSONNEL

David Brunzell, M.A., RPA acted as the Project Manager and Principal Investigator for the current study. Mr. Brunzell meets the United States Secretary of the Interior Professional Qualification Standards for Archaeology and Architectural History. Mr. Brunzell completed the Department of Park and Recreation (DPR) 523 forms and wrote the technical report with contributions from BCR Consulting Archaeological Field Director Nicholas Shepetuk, B.A. BCR Consulting Staff Archaeologist Douglas Kazmier, B.A., conducted the field survey.

METHODS

This work was completed pursuant to CEQA, the Public Resources Code (PRC) Chapter 2.6, Section 21083.2, and California Code of Regulations (CCR) Title 14, Chapter 3, Article 5, Section 15064.5. The pedestrian cultural resources survey was intended to locate and document previously recorded or new cultural resources, including archaeological sites, features, isolates, and historic-period buildings, that exceed 45 years in age within defined project boundaries. The project site was examined using 15-meter transect intervals, where accessible. This study is intended to determine whether cultural resources are located within the project boundaries, whether any cultural resources are significant pursuant to the above-referenced regulations and standards, and to develop specific mitigation measures that will address potential impacts to existing or potential resources. Tasks pursued to achieve that end include:

- Cultural resources records search to review the results of any studies conducted within a half-mile radius of the project boundaries;
- Additional research through various local and regional resources;
- Systematic pedestrian survey of the entire accessible project site;
- California Register eligibility evaluation for resources identified;
- Development of recommendations and mitigation measures for cultural resources documented within the project boundaries, following CEQA;
- Completion of DPR 523 forms for any discovered cultural resources.

Research

Records Search. On February 14, 2024 (prior to the field survey) a records search was conducted at the South Central Coastal Information Center (SCCIC) at California State University, Fullerton. This archival research reviewed the status of all recorded historic and prehistoric cultural resources, and survey and excavation reports completed within one-half mile of the project site. Additional resources reviewed included the National Register, the California Register, and documents and inventories published by the California Office of Historic Preservation. These include the lists of California Historical Landmarks, California

Points of Historical Interest, Listing of National Register Properties, and the Inventory of Historic Structures.

Additional Research. BCR Consulting performed additional research through Los Angeles County Assessor's records, historic aerial photographs, and various other internet resources.

Field Survey

An intensive-level cultural resources field survey of the project site was conducted on February 21, 2024. The survey was conducted by walking parallel transects spaced approximately 15 meters apart across the accessible project site. Cultural Resources were recorded on DPR 523 forms. Digital photographs were taken at various points within the project site. These included overviews as well as detail photographs of all cultural resources. Cultural resources were recorded per the California OHP *Instructions for Recording Historical Resources* in the field using:

- Detailed note taking for entry on DPR Forms (see Appendix A)
- Hand-held Garmin Global Positioning systems for mapping purposes
- Digital photographic overviews and photographs of all cultural resources (see Appendix A and C).

RESULTS

Research

Records Search. Data from the SCCIC revealed that 12 previous cultural resources studies have taken place, and five cultural resources have been recorded within one-half mile of the project site. One of the previous studies has assessed the project site for cultural resources resulting in no cultural resources having been recorded within its boundaries. The records search results are summarized in Table A, and the complete records search bibliography is provided in Appendix B.

Table A. Cultural Resources and Reports Within One-Half Mile of the Project Site

USGS 7.5 Min Quad	Cultural Resources Within One-Half Mile of Project Site	Studies W/in One-Half Mile
El Monte, California (1994)	P-19-190175: Historic-Period Transmission Tower (0.4 Miles NW) P-19-190261: Historic-Period Transmission Tower (0.1 Miles N) P-19-190502: Historic-Period Transmission Line (0.35 Miles SE) P-19-190508: Historic-Period Transmission Line (0.45 Miles SE) P-19-192441: Historic-Period Substation (0.3 Miles SE)	LA-547, 1013*, 5476, 6303, 8700, 9705, 10175, 11990, 11991, 12040, 12137, 13261

*Previously assessed a portion of the project site

Additional Research. Additional research was performed for the project site to provide the background for the historic-period building within its boundaries. According to Los Angeles County Assessor records, the commercial building that occupies the project site was constructed in 1979 and City records show that its first building permit was issued on June 19, 1979 (Los Angeles County Assessor 2023; Monterey Park 2024). Historic aerial photographs indicate that landscaping and completion of the attached parking lot was not

complete until 1982. No alterations to the property, other than maintenance and upkeep, are discernable based on this research. As indicated in the History section above, the subject building was operated by Lloyds Bank California from 1980 until divesting to Sanwa Bank in 1986. Sanwa Bank operated at the project site until about 2001 when Sanwa Bank California merged with Tokai Bank of California (Reckard 2002).

The building is described in the Field Survey section below. Research has not revealed an architect or designer. The building was exhibits features consistent with an architectural style known as Corporate Modernism, an outgrowth of International Style. Henry Russell Hitchcock and Phillip Johnson proposed the International Style in 1932, using it to reference buildings constructed as early as 1922 and through the 1930s primarily in France and Germany. Its popularity spread through the 1930s and 1940s to the United Kingdom, North and South American, Scandinavia, and Japan. In the 1950s and 1960s the style was nearly ubiquitous in the design of skyscrapers in the United States. In the 1970s and 1980s the International Style had gone out of fashion as formulaic and it gave way to updated forms of design and decoration as well as building materials that became known as postmodern. Major architects that utilized the International Style included Richard Neutra and Philip Johnson in the United States, Walter Gropius and Ludwig Mies van der Rohe in Germany and the U.S., J.J.P. Oud in the Netherlands, and Le Corbusier in France. Characteristics include rectilinear forms with minimal decoration and ornament, open interior spaces, and use of cantilever construction intended to convey the illusion of weightlessness. Materials emphasize highly visible glass and steel and rely heavily on reinforced concrete that is usually less visible (Zelazko 2024).

The term Corporate Modernism was coined by Historian David Nye to describe the blending of modernist aesthetics with corporate interests. Its roots can be traced to businesses in the 1930s who designed unique and futuristic products “emphasizing sleekness, streamlined contours, and functional appearance” that utilized more modern materials that would conform to economic limitations of the era (Sacasas 2012). It has been used to describe many International Style buildings constructed in the late 20th century (Hanly 2024). Gordon Bunshaft is cited as the creator of the style although some of its hallmarks predate his creations and research has not revealed that he ever used the term. Bunshaft’s designs were widely used in post-World War II office towers, banks, and apartment buildings in New York City. The Lever House in New York represents Bunshaft’s most well recognized and comprehensive contribution to the style, reflecting the ubiquitous features of “gridded geometries, glass spandrels, and volumes that were boxes of slabs surrounded by open space, which would then be applied, often with much lesser degrees of success, to countless buildings across America and the world” (Berman 2023).

The eastern municipal water tank adjacent to the north side of the subject property was constructed between 1953 and 1956, and the western tank was added between 2000 and 2003 (USDA 1928, 1938, 1948, 1952, 1953, 1956, 1964, 1972, 1980, 1981, 1982, 2000, 2003). The general character of the rest of the surrounding area has not changed significantly since prior to the development of the subject property. The majority of the residential neighborhoods in the area were constructed between 1948 and 1980. Garvey Reservoir, a major local landmark located 0.45 miles north of the project site, was constructed between 1953 and 1956.

Field Survey

During the field survey, Mr. Kazmier carefully inspected the project site and identified one historic-period commercial building at 1977 Saturn Street, described in detail below. One main building and one utility building were present on the property. No artifacts or potential for significant buried remains have been identified. DPR 523 Forms required to record the building are included in Appendix A, and photographs are provided in Appendix A and C.

No other cultural resources (including prehistoric or historic archaeological or historic architectural resources) were identified during the field survey. Much of the project site has been paved over or was otherwise subject to severe disturbances related to construction or intensive landscaping. Sediments, where visible, consist of loamy sand, most of which has been imported. Vegetation is limited to landscaped grasses and ornamental trees.

1977 Saturn Street. This historic-period commercial building was originally constructed in 1979 (Los Angeles County Assessor 2023; Monterey Park 2024) for use as a corporate office. Lloyd's Bank California was the initial occupant and briefly in 1980 utilized the location as their US headquarters (Los Angeles Times 1980). They occupied the building from 1980 to 1986, after which Sanwa Bank occupied the building until about 2002. The building is a four-story steel-frame concrete structure. Fenestration comprises two horizontally oriented, parallel, solid rows of reflective windows, or glass spandrels, that stretch around the majority of the building perimeter. Four large bay doors are located on the northern elevation. Smaller entryways are located along the length of the building's perimeter at irregular intervals. The primary access doors are located near the center of the southern edge and are set approximately 10 feet into the exterior walls. The west half of the building is approximately half-a-story lower and 30 feet farther to the southeast. This design was meant to compensate for the westerly slope on which it was constructed. There are multiple rooftop equipment enclosures that run along the center axis of the building. Its stylistic elements that are consistent with Corporate Modernism include rectilinear form with minimal decoration and ornament, glass spandrels, and reinforced concrete. It lacks the characteristic gridded geometry, cantilever construction, highly visible steel, and boxes of slabs surrounded by open spaces present in the more representative examples of the style.

SIGNIFICANCE EVALUATIONS

During the field survey, one historic-period cultural resource was identified. CEQA calls for the evaluation and recordation of historic and archaeological resources. The criteria for determining the significance of impacts to cultural resources are based on Section 15064.5 of the *CEQA Guidelines* and Guidelines for the Nomination of Properties to the California Register. Properties eligible for listing in the California Register and subject to review under CEQA are those meeting the criteria for listing in the California Register, or designation under a local ordinance.

Significance Criteria

California Register of Historical Resources. The California Register criteria are based on National Register criteria. For a property to be eligible for inclusion on the California Register or as a City Landmark, one or more of the following criteria must be met:

1. It is associated with the events that have made a significant contribution to the broad patterns of local or regional history, or the cultural heritage of California or the U.S.;
2. It is associated with the lives of persons important to local, California, or U.S. history;
3. It embodies the distinctive characteristics of a type, period, region, or method of construction, represents the work of a master, possesses high artistic values; and/or
4. It has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation.

In addition to meeting one or more of the above criteria, the California Register requires that sufficient time has passed since a resource's period of significance to "obtain a scholarly perspective on the events or individuals associated with the resources." (CCR 4852 [d][2]). The California Register also requires that a resource possess integrity. This is defined as the ability for the resource to convey its significance through seven aspects: location, setting, design, materials, workmanship, feeling, and association.

Evaluations

1977 Saturn Street. The building located at the project site fits within the context of Late 20th Century commercial development, specifically in Monterey Park through the 1960s and 1970s when strip malls, modern corporate centers, and industrial parks began to replace former industrial landmarks. The building was briefly utilized by Lloyds Banking Group during a foray into California. Research has not indicated that this represented a significant expansion or contraction of the business or of California's financial market. Research has failed to associate it with important events related to the development of the area. It is therefore not eligible for the California Register under California Register Criterion 1. Research has also failed to associate the building with the lives of any persons important to local, California, or U.S. History. This resource is therefore not eligible for the California Register under California Register Criterion 2. The resource contains some stylistic elements of Corporate Modernism but is not a particularly distinctive example of the style. Research has failed to indicate that it represents the work of an important creative individual or possess high artistic values. Therefore, the building is not eligible under California Register Criterion 3. The resource has not and is not likely to yield information important to prehistory or history and is therefore not eligible for listing under California Register Criterion 4. Based on these results, the project site and its historic-period buildings are recommended not eligible under any of the four criteria for listing on the California Register, and as such are not recommended historical resources under CEQA.

RECOMMENDATIONS

During the research and field survey, BCR Consulting archaeologists identified a historic-period office building that occupies the project site. BCR Consulting recommends that this resource does not meet eligibility criteria for the California Register and as such it is not recommended a historical resource under CEQA. Based on these results no further cultural resource work is recommended for the current undertaking. Disturbances associated with previous excavation and construction of the existing historic-period building at the project site have been severe and have disrupted soil beyond depths at which buried cultural resources are likely. Also, no significant buried cultural resources have been recorded in the vicinity of the project site. As a result, the potential to encounter in-situ remains associated

with significant archaeological materials during project-related excavation is low. Therefore, no significant impact related to historical resources is anticipated and no further investigations are recommended unless:

- The proposed project is changed to include areas that have not been subject to this cultural resource assessment;
- Cultural materials are encountered during project activities.

The current study attempted to determine whether significant archaeological deposits were present on the proposed project site. Although none were yielded during the records search and field survey, ground-disturbing activities have the potential to reveal buried deposits not observed on the surface. Prior to the initiation of ground-disturbing activities, field personnel should be alerted to the possibility of buried prehistoric or historic cultural deposits. In the event that field personnel encounter buried cultural materials, work in the immediate vicinity of the find should cease and a qualified archaeologist should be retained to assess the significance of the find. The qualified archaeologist shall have the authority to stop or divert construction excavation as necessary. If the qualified archaeologist finds that any cultural resources present meet eligibility requirements for listing on the California Register or the National Register, plans for the treatment, evaluation, and mitigation of impacts to the find will need to be developed. Prehistoric or historic cultural materials that may be encountered during ground-disturbing activities include:

- historic-period artifacts such as glass bottles and fragments, cans, nails, ceramic and pottery fragments, and other metal objects;
- historic-period structural or building foundations, walkways, cisterns, pipes, privies, and other structural elements;
- prehistoric flaked-stone artifacts and debitage (waste material), consisting of obsidian, basalt, and or cryptocrystalline silicates;
- groundstone artifacts, including mortars, pestles, and grinding slabs;
- dark, greasy soil that may be associated with charcoal, ash, bone, shell, flaked stone, groundstone, and fire affected rocks;
- human remains.

Results of the Sacred Lands File search were positive and the NAHC recommended contacting the Gabrieleno Band of Mission Indians-Kizh Nation for more information. The City will initiate Assembly Bill (AB) 52 Native American Consultation for the project with tribes, as required. Since the city will initiate and carry out the required Native American Consultation, the results of the consultation are not provided in this report. However, this report may be used during the consultation process, and BCR Consulting staff is available to answer questions and address concerns as necessary.

According to CEQA Guidelines, projects subject to CEQA must determine whether the project would “directly or indirectly destroy a unique paleontological resource”. The Paleontological Overview provided in Appendix E has recommended that:

> I have conducted a thorough search of our paleontology collection records for the locality and specimen data for proposed development at the Stratcap 1977 Saturn project area as outlined on the portion of the El Monte USGS topographic quadrangle map that you sent to me via e-mail on February 20, 2024. We do not

> have any fossil localities that lie directly within the proposed project area, but we do have fossil localities nearby from the same sedimentary deposits that may occur in the proposed project area, either at the surface or at depth.
>
> The following table shows the closest known localities in the collection of the Natural History Museum of Los Angeles County (NHMLA).
>
> [Table excluded, see Appendix E]
>
> This records search covers only the records of the NHMLA. It is not intended as a paleontological assessment of the project area for the purposes of CEQA or NEPA. Potentially fossil-bearing units are present in the project area, either at the surface or in the subsurface. As such, NHMLA recommends that a full paleontological assessment of the project area be conducted by a paleontologist meeting Federal (43 Code of Federal Regulations Part 49.110) or Society of Vertebrate Paleontology standards.

If human remains are encountered during any project activities, State Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The County Coroner must be notified of the find immediately. If the remains are determined to be prehistoric, the Coroner will notify the NAHC, which will determine and notify a Most Likely Descendant (MLD). With the permission of the landowner or his/her authorized representative, the MLD may inspect the site of the discovery. The MLD shall complete the inspection within 48 hours of notification by the NAHC.

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APPENDIX A

DEPARTMENT OF PARKS AND RECREATION 523 FORMS

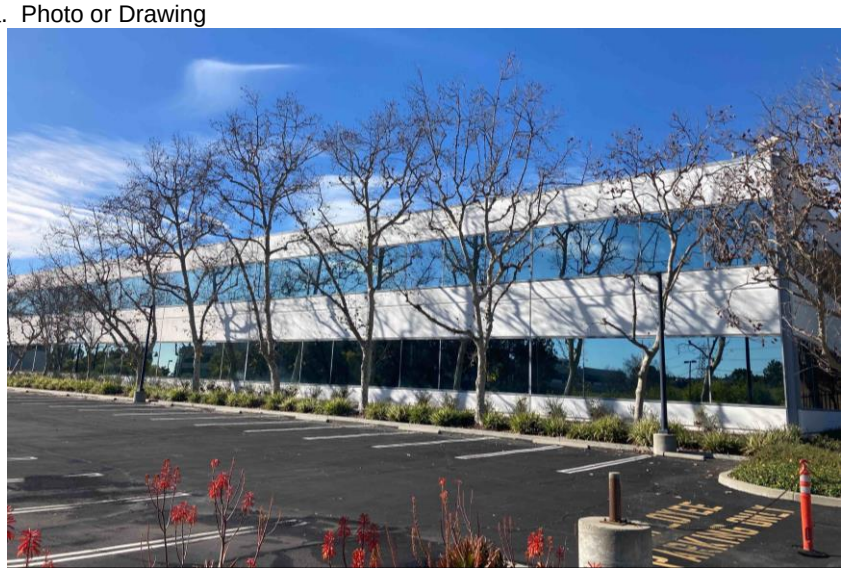
P1. Other Identifier: 1977 Saturn Street
***P2. Location:** ☐ **Not for Publication** ☑ **Unrestricted** ***a. County:** Los Angeles
and (P2b and P2c or P2d. Attach a Location Map as necessary.)
***b. USGS 7.5' Quad:** *El Monte, California* **Date:** 1981 **T** 1 S; **R** 12 W; Section 36**;** SBBM
c. Address: N/A City: Monterey Park Zip: 91755
d. UTM: Zone: 11S 397143 mE/ 3767139 mN (SW corner; G.P.S.; NAD83) Elevation: 1440 feet AMSL
e. Other Locational Data: This resource is located approximately 477 feet west by northwest of the intersection of Saturn Street and S Orange Ave.

***P3a. Description:** (Describe resource and its major elements: design, materials, condition, alterations, size, setting, boundaries)
This commercial building was originally constructed in 1979 (Los Angeles County Assessor) for use as a corporate office. Research has not revealed the exact date that the construction was completed, but the earliest building permit (record no. BH-005537) available through the City of Monterey Park was dated June 19, 1979 (City of Monterey Park 2024). A copy of the permit was not available through the City, so the nature of the permit is unknown. Since construction was completed at an unknown date before June 19, it is likely that the building is over 45 years old and is being treated as a "potential historical resource." Lloyd's Bank California was the initial occupant and briefly utilized the location as their US headquarters (Los Angeles Times 1980). The building is four stories. Fenestration comprises two horizontally-oriented, parallel, solid rows of reflective windows that stretch around the majority of the building perimeter. Four large bay doors are located on the northern elevation. Smaller entryways are located along the length of the building's perimeter at irregular intervals. The primary access doors are located near the center of the southern edge and are set approximately 10 feet into the exterior walls. The west half of the building is approximately half-a-story lower and 30 feet farther to the southeast. This design was meant to compensate for the westerly slope on which it was constructed. There are multiple rooftop equipment enclosures that run along the center axis of the building.

Its stylistic elements that are consistent with Corporate Modernism include rectilinear form with minimal decoration and ornament, glass spandrels, and reinforced concrete. It lacks the characteristic gridded geometry, cantilever construction, highly visible steel, and boxes of slabs surrounded by open spaces present in the more representative examples of the styles.

***P3b. Resource Attributes:** HP7. 3+ story commercial building

P5a. Photo or Drawing



P5b. Description of Photo: (View, date, accession) Northwest, 2/21/24

***P6. Date Built:**
☑Historic ☐Prehistoric ☐Both

***P7. Owner and Address:**
BRE CA SATURN LLC

***P8. Recorded by:**
D. Kazmier
BCR Consulting LLC
Claremont, CA 91711

***P9. Date:** February 21, 2024

***P10. Survey Type:** Intensive.

***P11. Report Citation** *Cultural Resources Assessment of the Stratcap 1977 Saturn Project, Monterey Park, Los Angeles County, California.*

***Attachments:** ☐NONE ☑ Location Map ☐Sketch Map ☐ Continuation Sheet ☑ Building, Structure, and Object Record ☐Archaeological Record ☐District Record ☐Linear Feature Record ☐Milling Station Record ☐Rock Art Record ☐Artifact Record ☐Photograph Record ☐ Other (List):

B1. Historic Name: N/A B2. Common Name: 1977 Saturn Street
B3. Original Use: Corporate Office

***B5. Architectural Style:** Corporate Modernism

***B6. Construction History:** (Construction date, alterations, and date of alterations):
According to Los Angeles County Assessor records, the commercial building that occupies the project site was constructed in 1979 and City records show that its first building permit was issued on June 19, 1979. Historic aerial photographs indicate that landscaping and completion of the attached parking lot was not complete until 1982. No alterations to the property, other than maintenance and upkeep, are discernable based on this research. The subject building was operated by Lloyds Bank California from 1980 until divesting to Sanwa Bank in 1986. Sanwa Bank operated at the project site until about 2001 when Sanwa Bank California merged with Tokai Bank of California.

***B7. Moved?** ☑No ☐Yes ☐Unknown

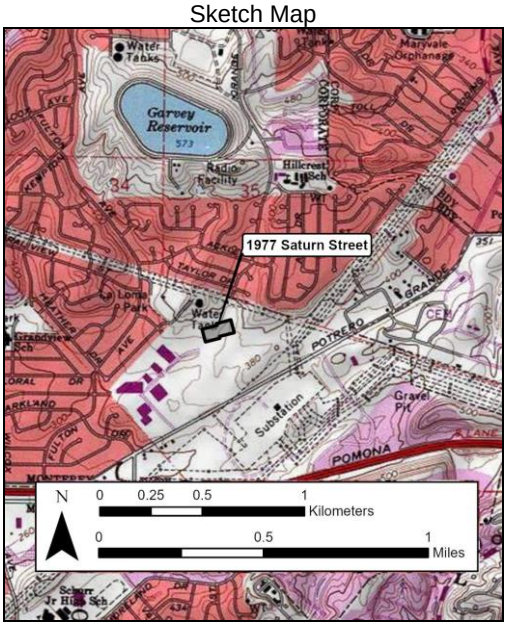
***B8. Related Features:** None

B9a. Architect: Unknown b. Builder: Unknown

***B10. Significance: Theme:** Late 20th Century Commercial Development **Area:** Monterey Park **Property Type:** Industrial
Applicable Criteria: N/A
(Discuss importance in terms of historical/architectural context as defined by theme/period/geographic scope. Address integrity.)
(See Continuation Sheet, Page 3 for Historical Context)

National Register of Historic Places and the California Register of Historical Resources requires that a significance criterion (A-D; 1-4) be met for a resource to be eligible. A resource is eligible if (A/1) it is associated with events that have made a significant contribution to the broad patterns of history and cultural heritage; (B/2) it is associated with the lives of persons important in the past; (C/3) it embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic value; or (D/4) it has yielded or is likely to yield information important in prehistory or history. The National Register and the California Register also require that sufficient time has passed since a resource's period of significance (normally 45 years) to "obtain a scholarly perspective on the events or individuals associated with the resources". The National Register and the California Register also require that a resource possess integrity. This is defined as the ability for the resource to convey its significance through seven aspects: location, setting, design, materials, workmanship, feeling, and association.

Sketch Map



The building located at the project site fits within the context of Late 20th Century commercial development, specifically in Monterey Park through the 1960s and 1970s when strip malls, modern corporate centers, and industrial parks began to replace former industrial landmarks. The building was briefly utilized by Lloyds Banking Group during a foray into California. Research has not indicated that this represented a significant expansion or contraction of the business or of California's financial market. Research has failed to associate it with important events related to the development of the area. It is therefore not eligible under Criterion A/1. That research has also failed to associate the building with the lives of any persons important to local, California, or U.S. History. This resource is therefore not eligible under Criterion A/2. The resource contains some stylistic elements of Corporate Modernism but is not a particularly distinctive example of the style. Research has failed to indicate that it represents the work of an important creative individual or possess high artistic values. Therefore, the building is not eligible under Criterion C/3. The resource has not and is not likely to yield information important to prehistory or history and is therefore not eligible for listing under California Register Criterion D/4. Based on these results, the project site and its historic-period buildings are recommended not eligible under any of the four criteria for listing and BCR Consulting recommends assigning at Status Code of 6Z.

B11. Additional Resource Attributes: None

***B12. References:** See Page 5
***B14. Evaluators:** David Brunzell, BCR Consulting, Claremont, California
***Date of Evaluation** 06/08/2023

B10. Significance (Continued from page 2.)

Monterey Park. Prior to the discovery of gold at Sutter's Mill in 1848, settlements throughout the state consisted of scattered missions and ranches with most streams and rivers running uncontrolled. Spanish Rancher Jose Lugo built the first Adobe in 1840 near what is now South Garfield Avenue in Monterey Park. During the Gold Rush, miners built hundreds of miles of flumes to sluice gold in streams, creeks, and rivers. Gold became scarce by the 1860s, and many residents of the newly admitted state of California turned to farming which heightened the demand for water. In subsequent decades the expansion of local agriculture was accompanied by higher populations and a diversified economy.

Following the American Civil War, some of the West San Gabriel Valley's first European settlers were arriving in the area, among them was a young Italian Shepherd named Alessandro Repetto who would build one of the first residences in what is now Monterey Park. Repetto purchased 5,000 acres from Rancho San Antonio and built his residence about one-half mile north of where Garfield Avenue intersects with the Pomona Freeway. Some years later, following his service as a mail courier for both the Pony Express and the US Army, Richard Garvey purchased property in the King's Hills of Monterey Pass. He established a ranch and began bringing in spring water from nearby Rio Hondo and formed Garvey Lake near the current location of Garvey Ranch Park. The 1881 completion of the Southern Pacific Railroad and the 1885 completion of the Santa Fe Railroad connected the region from the Mexican border as far north as Ventura and as far inland as Arizona. This resulted in an influx of settlers and land speculators who began subdividing and developing local tracts (Brock et. al. 1992:19). Groundwater was pumped through artesian wells, and open canals were commonly used to transport water as early as the 1860s. Over his lifetime, Richard Garvey sold parcels of his land to pay debts and costs incurred for development of his property beginning in 1906, with what was known as Ramona Acres, northeast of what is now the intersection of Garvey and Garfield Avenues.

The swell of southern California's population into the twentieth century necessitated more creative means of meeting both domestic and commercial water demands (Carle 2004:227; California Department of Water Resources 2020; Harding 1960:2, 109). After learning of a plan for their northern neighbors in Pasadena, South Pasadena, and Alhambra to build a sewage facility adjacent to their community, the residents of what is now Monterey Park voted in favor of cityhood in 1916. The City's new board of directors outlawed sewage facilities within city boundaries and derived its name from an old government map labeling the hills of the area as "Monterey Hills". By 1920, a large area of southern Monterey Park had separated from Monterey Park and formed the city of Montebello. By this time, Asian and Asian-American populations began settling in the Monterey Highlands area, establishing potato and flower farms, as well as improving and renaming the Monterey Pass Trail, now named Coyote Pass by Pioneer Masami Abe. In 1926, bagged potato chips were invented by Laura Scudder near the corner of Atlantic and Garvey Avenue. Scudder ran her business in the back of her husband's gas station, and would iron wax paper bags closed to maintain the freshness of the chips inside before distributing them to retailers.

Real estate had boomed as an industry by the 1920's due to the development of residential subdivisions and growing commercial opportunities. One individual at the center of this phenomenon was Peter N. Snyder, who was responsible for much of the development along Atlantic Boulevard and Garfield Avenue. Snyder aspired to establish a garden community in the Monterey Hills to rival Bel-Air and Beverly Hills to the northwest. This development was to be named Midwick View Estates, and would be centered around Jardin del Encanto, a Spanish-style building with impressive water features that still remains today and would have served as the administrative and community center. The development flopped due to the Great Depression. Development in the area, like much of the country, had stagnated following the depression and saw little growth until the end of World War II. After World War II residential subdivisions were constructed throughout the San Gabriel Valley to accommodate returning service personnel. Development continued to proliferate through the 1960s and 1970s, and former industrial landmarks such as the old Davidson Brickyard was replaced by strip malls, modern corporate centers, and industrial parks (Monterey Park 2023; Sonksen 2013).

Lloyd's Bank. Lloyd's Bank California was the initial occupant of the project site, and briefly in 1980 utilized the project location as their US headquarters (Los Angeles Times 1980). Currently known as Lloyd's Banking Group, Lloyds Bank was established in Birmingham, England in 1765 by Sampson Lloyd and John Taylor. The bank was originally known as Taylors & Lloyds and occupied the same office in Birmingham until 1864, providing finance services in Birmingham during the industrial revolution. In 1853 it was renamed Lloyds and Company and having merged with Moilliet and Sons in 1865 became incorporated as Lloyds Banking Company Ltd. Under its new name it became a joint-stock investment bank and began to invest capital in various industrial sectors to maximize yields with minimal risk exposure. It became Lloyds Bank Ltd. in 1889. As the bank continued to expand its capital base, it reorganized from a partnership to a more modern corporation with shareholders and a board of directors. From the late 19th to the early 20th century, Lloyds acquired the assets of more than 50 banks and after World War I it merged with Capital & Counties Bank making it one of the largest banks in England. In 1971 Lloyds acquired most of BOLSA International Bank, Ltd and the merger resulted in the formation of Lloyds and BOLSA International Bank, Ltd., which expanded its holdings into France, Spain, and Portugal. By 1978 it had branches and/or subsidiaries throughout 43 countries and its members could utilize its financial services globally. Lloyds merged with the Trustee Savings Bank in 1995 and it became known as Lloyds TSB Group PLC, and in 2009 it absorbed Halifax Bank of Scotland PLC, creating Lloyds Banking Group, as it is currently known. During the financial crisis of 2008, the United Kingdom government took large equity stakes in several of that country's largest banks to help avoid a financial collapse and in doing so became the owner of 43 percent of Lloyds. The government increased its equity stake to 65 percent in 2009 (Continued on page 4).

(Continued from page 3) As conditions improved, the government had reduced its ownership to 24 percent by 2015. Functionally, Lloyd's accounting was calculated by individual bankers until 1929 when they began to use a mechanized system. By 1962 early computers were in use to process increasingly complex financial calculations and in 1972, Lloyd's installed a Cashpoint machine in Brentwood, Essex which was the United Kingdom's first real time Automatic Teller Machine. Internet banking was launched in 1998 and the first mobile app appeared in 2011. Today, Lloyds Banking Group is one of the larges banks in the United Kingdom and is currently headquartered in London (Lloyds Banking Group 2024, Duignan 2024).

1977 Saturn Street. The subject building was operated by Lloyds Bank California which formed in 1974 as a subsidiary of Lloyds and BOLSA International Bank, Ltd. Lloyds Bank of California initiated some automated services and by 1981 all systems utilized the IBM computer. Its ATM network expanded significantly in 1984 when Lloyds Bank California joined 11 other financial institutions to utilize the Star System ATM network. In 1985, Lloyds bank began to explore unloading capital of Lloyds Bank California due to poor returns and reallocating its U.S. resources, divesting from individuals to refocus on its corporate business in New York (Broder 1986). In 1986 Sanwa Bank California acquired Lloyds Bank California's branches (including the project site). Sanwa Bank operated at the project site until about 2001 when Sanwa Bank California merged with Tokai Bank of California (Reckard 2002). Since the Sanwa Bank era is recent, a context is not considered relevant so has not been developed for the current project.

Additional research was performed for the project site to provide the background for the historic-period building within its boundaries. According to Los Angeles County Assessor records, the commercial building that occupies the project site was constructed in 1979 and City records show that its first building permit was issued on June 19, 1979 (Los Angeles County Assessor 2023; Monterey Park 2024). Historic aerial photographs indicate that landscaping and completion of the attached parking lot was not complete until 1982. No alterations to the property, other than maintenance and upkeep, are discernable based on this research. As indicated in the History section above, the subject building was operated by Lloyds Bank California from 1980 until divesting to Sanwa Bank in 1986. Sanwa Bank operated at the project site until about 2001 when Sanwa Bank California merged with Tokai Bank of California (Reckard 2002).

The building is described in the Field Survey section below. Research has not revealed an architect or designer. The building was exhibits features consistent with an architectural style known as Corporate Modernism, an outgrowth of International Style. Henry Russell Hitchcock and Phillip Johnson proposed the International Style in 1932, using it to reference buildings constructed as early as 1922 and through the 1930s primarily in France and Germany. Its popularity spread through the 1930s and 1940s to the United Kingdom, North and South American, Scandinavia, and Japan. In the 1950s and 1960s the style was nearly ubiquitous in the design of skyscrapers in the United States. In the 1970s and 1980s the International Style had gone out of fashion as formulaic and it gave way to updated forms of design and decoration as well as building materials that became known as postmodern. Major architects that utilized the International Style included Richard Neutra and Philip Johnson in the United States, Walter Gropius and Ludwig Mies van der Rohe in Germany and the U.S., J.J.P. Oud in the Netherlands, and Le Corbusier in France. Characteristics include rectilinear forms with minimal decoration and ornament, open interior spaces, and use of cantilever construction intended to convey the illusion of weightlessness. Materials emphasize highly visible glass and steel and rely heavily on reinforced concrete that is usually less visible (Zelazko 2024).

The term Corporate Modernism was coined by Historian David Nye to describe the blending of modernist aesthetics with corporate interests. Its roots can be traced to businesses in the 1930s who designed unique and futuristic products "emphasizing sleekness, streamlined contours, and functional appearance" that utilized more modern materials that would conform to economic limitations of the era (Sacasas 2012). It has been used to describe many International Style buildings constructed in the late 20th century (Hanly 2024). Gordon Bunshaft is cited as the creator of the style although many of its hallmarks predate his creations and research has not revealed that he ever used the term. Bunshaft's designs were widely used in post-World War II office towers, banks, and apartment buildings in New York City. The Lever House in New York represents Bunshaft's most well recognized and comprehensive contribution to the style, reflecting the ubiquitous features of "gridded geometries, glass spandrels, and volumes that were boxes of slabs surrounded by open space, which would then be applied, often with much lesser degrees of success, to countless buildings across America and the world" (Berman 2023).

The eastern municipal water tank adjacent to the north side of the subject property was constructed between 1953 and 1956, and the western tank was added between 2000 and 2003 (USDA 1928, 1938, 1948, 1952, 1953, 1956, 1964, 1972, 1980, 1981, 1982, 2000, 2003). The general character of the rest of the surrounding area has not changed significantly since prior to the development of the subject property. The majority of the residential neighborhoods in the area were constructed between 1948 and 1980. Garvey Reservoir, a major local landmark located 0.45 miles north of the project site, was constructed between 1953 and 1956.

***B12. References** (continued from page 2)**:**

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APPENDIX B

RECORDS SEARCH BIBLIOGRAPHY

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
LA-00547		1979	Robinson, R. W.	Cultural Resources Investigation Re: Minor Land Division, Tentative Map No. 11444	R.W. Robinson Consulting Archaeologist	
LA-01013		1981	Schroth, Adella	Historical Assessment of the Southeast Economic Project, Monterey Park, California	Archaeological Resource Management Corp.	
LA-05476		2000	Romani, Gwendolyn R.	Archaeological Survey Report: Los Angeles-San Diego Fiber Optic Project: Mesa Substation to Chino Hills State Park Segment	Compass Rose Archaeological, Inc.	19-101223, 30-000614
LA-06303		2001	Thane, Michael D.	Review of Requirements Under the National Historic Preservation Act of 1966 Propoosed Potrero Tower Site 700 East Potrero Grande Drive Monterey Park, Los Angeles County, California 91754	Law Engineering and Environmental Services, Inc.	
LA-08700		2006	Bonner, Wayne H.	Cultural Resources Records Search and Site Visit Results for T-mobile Candidate Ie05350d (sce Monterey Park), 2000 East Clover Drive, Monterey Park, Los Angeles County, California	Michael Brandman Associates	
LA-09705		2007	Anonymous	Cultural Resources Inventory of the Southern California Edison Company Tehachapi Renewable Transmission Project, Kern, Los Angeles and San Bernardino Counties, California. ARR #05-01-01046	Pacific Legacy, Inc.	19-001128, 19-001299, 19-001300, 19-001315, 19-001359, 19-001382, 19-002131, 19-002206, 19-002212, 19-002350, 19-002363, 19-002411, 19-002412, 19-002998, 19-003018, 19-003025, 19-003031, 19-003032, 19-003136, 19-003141, 19-003152, 19-003720, 19-003721, 19-003722, 19-003723, 19-003727, 19-003728, 19-003729, 19-003730, 19-003731, 19-003732, 19-003733, 19-003734, 19-003735, 19-003736, 19-003737, 19-003738, 19-003739, 19-003740, 19-003741, 19-003742, 19-003990, 19-100631, 19-100806, 19-100807, 19-100808

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
LA-10175		2009	Unknown	Confidential Cultural Resources Specialist Report for the Tehachapi Transmission Project	Applied Earthworks, Aspen Environmental Group	19-000806, 19-001128, 19-001299, 19-001300, 19-001315, 19-001357, 19-001382, 19-001636, 19-001770, 19-001771, 19-001783, 19-001956, 19-001957, 19-002206, 19-002212, 19-002343, 19-002350, 19-002363, 19-002411, 19-002412, 19-003009, 19-003018, 19-003025, 19-003031, 19-003032, 19-003037, 19-003090, 19-003099, 19-003136, 19-003152, 19-003295, 19-003385, 19-003477, 19-003606, 19-003638, 19-003795, 19-003852, 19-003853, 19-003854, 19-100277, 19-100439, 19-100496, 19-100644, 19-120031, 19-120032, 19-120072, 19-120074, 19-180689, 19-186545, 19-186860, 19-186870, 19-186871, 19-186872, 19-186873, 19-186875, 19-186876, 19-186877, 19-186917, 19-186921, 19-186923, 19-186925, 19-187713
LA-11990		2010	Wetherbee, Matthew, Jackson, Thomas, and Tinsley-Becker, Wendy	Supplemental Cultural Resources Survey Report for the Southern California Edison Tehachapi Renewable Transmission Project Segment 7 Rio Hondo-Amamdor-Jose-Mesa 66kv Line Relocation, Los Angeles County, California	Pacific Legacy & Urbana Preservation and Planning	19-003814, 19-004079, 19-004117, 19-004118
LA-11991		2010	Schneider, Tsim and Holson, John	Supplemental Archaeological Survey Report #2, Tehachapi Renewable Transmission Project Segment 7, Los Angeles County, California	Pacific Legacy	19-003813, 19-186917
LA-12040		2012	Supernowicz, Dana	Architectural Evaluation Study of the SCE-Mesa Newark M0-T5 Project, MetroPCS California, LLC Site No. MLAX04162, 1853 Mancha Way, Monterey Park, Los Angeles County, California 91755	Historic Resource Associates	19-190175
LA-12137		2013	Bonner, Wayne H., Kathleen A. Crawford, and Sarah A. Williams	Cultural Resources Records Search and Site Visit Results for T-Mobile West, LLC Candidate IE05350D (SCE350 Monterey Park), 2001 South Orange Avenue, Monterey Park, Los Angeles County, California	MBA	19-190261
LA-13261		2010	Tinsley Becker, Wendy L. and Malia Bassett	NRHP/CRHR Review, Southern California Edison Company, Mesa Substation Complex	Urbana Preservation & Planning, LLC	19-192441

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-19-190175		Resource Name - SCE Transmission Tower M-0 T-5 Mesa-Newmark No. 2	Structure	Historic	HP11	2012 (Dana E. Supernowicz, Historic Resource Associates)	LA-12040
P-19-190261		Resource Name - SCE Tower #M1-T11/Mesa-Newmark, T-Mobile West LLC IE05350D/SC350SCE Monterey Park	Structure	Historic	HP11	2012 (K.A. Crawford, Crawford Historic Services)	LA-12137
P-19-190502		Resource Name - SCE Mesa-Anita-Eaton 66kV Transmission Line; OHP Property Number - 180872	Object	Historic	HP11	2010 (Wendy L. Tinsley Becker, Urbana Preservation & Planning)	LA-12788
P-19-190508		Resource Name - SCE Walnut-Hillgen-Industry-Mesa-Reno 66kV Transmission Line	Object	Historic	HP11	2010 (Wendy L. Tinsley Becker, Urbana Preservation & Planning); 2018 (Audrey von Ahrens, GPA)	LA-12552
P-19-192441		Resource Name - SCE Mesa Substation Complex	Building, Object, District	Historic	HP09	2010 (Wendy L. Tinsley Becker, Urbana Preservation and Planning)	LA-13261

APPENDIX C

PROJECT PHOTOGRAPHS



Photo 1: Overview of SE Corner of Building

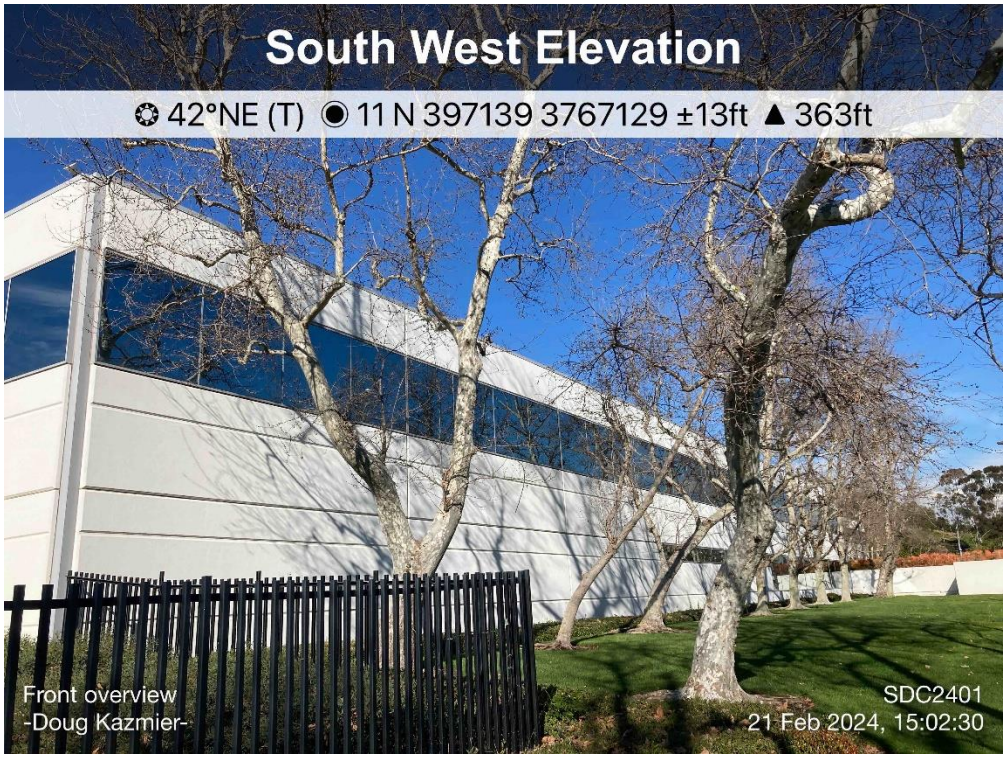


Photo 2: Overview of SW Corner of Building



Photo 3: Overview of Building Entrance Path on S Side



Photo 4: Overview of NE Corner of Building



Photo 5: Overview of NW Corner of Building



Photo 6: Overview of NW Corner of Building

APPENDIX D

NAHC SACRED LANDS FILE SEARCH

NATIVE AMERICAN HERITAGE COMMISSION

CHAIRPERSON
Reginald Pagaling
Chumash

VICE-CHAIRPERSON
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Yokayo Pomo, Yuki, Nomlaki

SECRETARY
Sara Dutschke
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Laurena Bolden
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Vacant

EXECUTIVE SECRETARY
Raymond C. Hitchcock
Miwok, Nisenan

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

March 4, 2024

Joseph Orozco
BCR Consulting, LLC

Via Email to: bcrllc2008@gmail.com

Re: Stratcap 1977 Saturn Park Project, Los Angeles County

To Whom It May Concern:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information submitted for the above referenced project. The results were positive. Please contact the Gabrieleno Band of Mission Indians – Kizh Nation on the attached list for information. Please note that tribes do not always record their sacred sites in the SLF, nor are they required to do so. A SLF search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with a project's geographic area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites, such as the appropriate regional California Historical Research Information System (CHRIS) archaeological Information Center for the presence of recorded archaeological sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. Please contact all of those listed; if they cannot supply information, they may recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify the NAHC. With your assistance, we can assure that our lists contain current information.

If you have any questions or need additional information, please contact me at my email address: Andrew.Green@nahc.ca.gov.

Sincerely,

Andrew Green

Andrew Green
Cultural Resources Analyst

Attachment

Native American Heritage Commission
Native American Contact List
Los Angeles County
3/4/2024

Tribe Name	Fed (F) Non-Fed (N)	Contact Person	Contact Address	Phone #	Fax #	Email Address	Cultural Affiliation	Counties	Last Updated
Gabrieleno Band of Mission Indians - Kizh Nation	N	Andrew Salas, Chairperson	P.O. Box 393 Covina, CA, 91723	(844) 390-0787		admin@gabrielenoindians.org	Gabrieleno	Los Angeles,Orange,Riverside,San Bernardino,Santa Barbara,Ventura	8/18/2023
Gabrieleno Band of Mission Indians - Kizh Nation	N	Christina Swindall Martinez, Secretary	P.O. Box 393 Covina, CA, 91723	(844) 390-0787		admin@gabrielenoindians.org	Gabrieleno	Los Angeles,Orange,Riverside,San Bernardino,Santa Barbara,Ventura	8/18/2023
Gabrieleno/Tongva San Gabriel Band of Mission Indians	N	Anthony Morales, Chairperson	P.O. Box 693 San Gabriel, CA, 91778	(626) 483-3564	(626) 286-1262	GTTribalcouncil@aol.com	Gabrieleno	Los Angeles,Orange,Riverside,San Bernardino,Ventura	12/4/2023
Gabrielino /Tongva Nation	N	Sandonne Goad, Chairperson	106 1/2 Judge John Aiso St., #231 Los Angeles, CA, 90012	(951) 807-0479		sgoad@gabrielino-tongva.com	Gabrielino	Los Angeles,Orange,Riverside,San Bernardino,Ventura	3/28/2023
Gabrielino Tongva Indians of California Tribal Council	N	Christina Conley, Cultural Resource Administrator	P.O. Box 941078 Simi Valley, CA, 93094	(626) 407-8761		christina.marsden@alumni.usc.edu	Gabrielino	Los Angeles,Orange,Riverside,San Bernardino,Santa Barbara,Ventura	3/16/2023
Gabrielino Tongva Indians of California Tribal Council	N	Robert Dorame, Chairperson	P.O. Box 490 Bellflower, CA, 90707	(562) 761-6417	(562) 761-6417	gtongva@gmail.com	Gabrielino	Los Angeles,Orange,Riverside,San Bernardino,Santa Barbara,Ventura	3/16/2023
Gabrielino-Tongva Tribe	N	Charles Alvarez, Chairperson	23454 Vanowen Street West Hills, CA, 91307	(310) 403-6048		Chavez1956metro@gmail.com	Gabrielino	Los Angeles,Orange,Riverside,San Bernardino,Ventura	5/30/2023
Gabrielino-Tongva Tribe	N	Sam Dunlap, Cultural Resource Director	P.O. Box 3919 Seal Beach, CA, 90740	(909) 262-9351		tongvatcr@gmail.com	Gabrielino	Los Angeles,Orange,Riverside,San Bernardino,Ventura	5/30/2023
Santa Rosa Band of Cahuilla Indians	F	Lovina Redner, Tribal Chair	P.O. Box 391820 Anza, CA, 92539	(951) 659-2700	(951) 659-2228	lsaul@santarosa-nsn.gov	Cahuilla	Imperial,Los Angeles,Orange,Riverside,San Bernardino,San Diego	
Soboba Band of Luiseno Indians	F	Joseph Ontiveros, Tribal Historic Preservation Officer	P.O. Box 487 San Jacinto, CA, 92581	(951) 663-5279	(951) 654-4198	jontiveros@soboba-nsn.gov	Cahuilla Luiseno	Imperial,Los Angeles,Orange,Riverside,San Bernardino,San Diego	7/14/2023
Soboba Band of Luiseno Indians	F	Jessica Valdez, Cultural Resource Specialist	P.O. Box 487 San Jacinto, CA, 92581	(951) 663-6261	(951) 654-4198	jvaldez@soboba-nsn.gov	Cahuilla Luiseno	Imperial,Los Angeles,Orange,Riverside,San Bernardino,San Diego	7/14/2023
Soboba Band of Luiseno Indians	F	Isaiah Vivanco, Chairperson	P.O. Box 487 San Jacinto, CA, 92581	(951) 654-5544	(951) 654-4198	ivivanco@soboba-nsn.com	Cahuilla Luiseno	Imperial,Los Angeles,Orange,Riverside,San Bernardino,San Diego	7/14/2023

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed Stratcap 1977 Saturn Park Project, Los Angeles County.

Record: PROJ-2024-001265
Report Type: List of Tribes
Counties: Los Angeles
NAHC Group: All

APPENDIX E

PALEONTOLOGICAL RESOURCE RESULTS

Natural History Museum
of Los Angeles County
900 Exposition Boulevard
Los Angeles, CA 90007

tel 213.763.DINO
www.nhm.org

Research & Collections

e-mail: paleorecords@nhm.org

February 25, 2024

BCR Consulting LLC
Attn: Joseph Orozco

re: Paleontological resources for the Stratcap 1977 Saturn Project (SDC2401)

Dear Joseph:

I have conducted a thorough search of our paleontology collection records for the locality and specimen data for proposed development at the Stratcap 1977 Saturn project area as outlined on the portion of the El Monte USGS topographic quadrangle map that you sent to me via e-mail on February 20, 2024. We do not have any fossil localities that lie directly within the proposed project area, but we do have fossil localities nearby from the same sedimentary deposits that may occur in the proposed project area, either at the surface or at depth.

The following table shows the closest known localities in the collection of the Natural History Museum of Los Angeles County (NHMLA).

Locality Number	Location	Formation	Taxa	Depth
LACM IP 2896, 11852, 21375, 7681	Merced Hills to the north of Whittier Narrows Recreation Area	Pico Formation (conglomerate bed in siltstone)	Invertebrates, including tusk shell (*Dentalum neohexagonium*)	Unknown
LACM VP 3363	W of Monterey Pass Road in Coyote Pass; E of the Long Beach Freeway & S of the N boundary of Section 32; Monterey Park	Unknown formation (Pleistocene; sand and silt)	Horse (*Equus*)	Unknown
LACM VP 7702	Intersection of 26th St and Atlantic Blvd, Bell Gardens	Unknown formation (Pleistocene; silt)	Fish (*Gasterosteus*); Snake (Colubridae), Rodents (*Thomomys, Microtus, Reithrodontomys)*; Rabbit (*Sylvilagus*)	30 feet bgs
LACM VP 6350-6362; LACM IP 16968-16991	Puente Hills Landfill	Fernando Formation; Repetto Member (massive clayey siltstone)	Herring *(Ganolytes)*, hake (*Merluccius*), rattail (*Coelorhynchus*), lanternfish (*Lampanyctus, Diaphus*), white shark (*Charcharodon*	Unknown

Locality Number	Location	Formation	Taxa	Depth
			carcharias); marine mammals (Cetacea); Invertebrates (unspecified)	

VP, Vertebrate Paleontology; IP, Invertebrate Paleontology; bgs, below ground surface

This records search covers only the records of the NHMLA. It is not intended as a paleontological assessment of the project area for the purposes of CEQA or NEPA. Potentially fossil-bearing units are present in the project area, either at the surface or in the subsurface. As such, NHMLA recommends that a full paleontological assessment of the project area be conducted by a paleontologist meeting Federal (43 Code of Federal Regulations Part 49.110) or Society of Vertebrate Paleontology standards.

Sincerely,



Alyssa Bell, Ph.D.
Natural History Museum of Los Angeles County

enclosure: invoice

Appendix E

Energy Calculations

Kimley»Horn

Construction Fuel Consumption

On-Site Diesel[1] (off-road construction Equipment)	$MTCO_2e$	Gallons of Fuel[4]	County Fuel in 2027 (Start of Construction)	Percent
Demolition	69	6,758		
Site Preparation/Grading	85	8,353		
Building Construction	103	10,128		
Paving	65	6,428		
Architectural Coating	4	395		
Total	325	32,062	4,129,527,647	0.0008%
Off-Site Diesel[1] (on-road construction trips)				
Demolition	81	8,017		
Site Preparation/Grading	268	26,394		
Building Construction	138	13,619		
Paving	87	8,578		
Architectural Coating	0	0		
Total	575	56,608	4,129,527,647	0.0014%
Off-Site Gasoline[2]				
Demolition	4	458		
Site Preparation/Grading	4	500		
Building Construction	109	12,428		
Paving	2	214		
Architectural Coating	12	1,365		
Total	132	14,965	4,129,744,580	0.0004%
Total Diesel Fuel		88,670	4,129,527,647	0.0021%
Total Gasoline Fuel		14,965	4,129,744,580	0.0004%
Total Construction Fuel	1,032	103,635		

Construction Phase[3]	Phase 1 Demolition			Phase 1 Site Preparation			Phase 1 Grading		
	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)
2025	69	81	4	58	0	3	27	268	2
2026	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0
Total	**69**	**81**	**4**	**58**	**0**	**3**	**27**	**268**	**2**

Construction Phase[3]	Phase 1 Building Construction and Utilities (2026)			Phase 2 Interior Construction (2027)			Phase 1 Paving (2026)		
	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)
2025	0	0	0	0	0	0	0	0	0
2026	38	51	41	0	0	0	14	0	2
2027	0	0	0	65	87	69	0	0	0
Total	**38**	**51**	**41**	**65**	**87**	**69**	**14**	**0**	**2**

Construction Phase[3]	Phase 2 Architectural Coating		
	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)
2025	0	0	0
2026	0	0	0
2027	4	0	12
Total	**4**	**0**	**12**

Notes:

[1] Fuel used for off-road, hauling, and vendor trips assumed to be diesel.

[2] Fuel used for worker trips assumed to be gasoline.

[3] $MTCO_2e$ rates from CalEEMod (3.0 Construction Emissions Details).

[4] For CO2e emissions, see Chapter 13 (page 94); Conversion Ratios: Climate Registry, General Reporting Protocol, 2016.

Construction Water Energy

Daily Soil Disturbance[1]	56.0	acres
Days of Soil Disturbance[2]	44	days
Water Concentration[3]	3,020	gallons/acre
Water Energy Intensity[4]	6,807	kWh/MG
Total Construction Water	7.44	million gallons
Construction Water Energy	50,653	kWh
	0.0507	GWh
Los Angeles County Annual Electricity	68,485	GWh
Percentage Increase	0.000%	
	50.65	MWh
	68,484,956.28	MWh

Notes:

[1] Total daily acres disturbed from offroad equipment per CalEEMod (3.0 Construction Emissions Detail) and maximum SCAQMD LST values for soil-disturbing equipment.

[2] Number of days of construction with soil-disturbing equipment per CalEEMod (5.1 Construction Schedule).

[3] Water application rate per Air and Waste Management Association's Air Pollution Engineering Manual.

[4] Water energy intensity factor for subarea per CalEEMod User Guide, Appendix G, Tab G-32.

Operational Fuel

Vehicle Type	Percent	Annual VMT[1]	MPG[2]	Annual Fuel (Gallons)	Fuel Type	Los Angeles County Gallons[3]	RS Percent
Passenger Cars	0.941	219,715	21.6	10,172	Gas	3,369,809,065	0.0003%
Light/Medium Trucks	0.050	11,624	17.2	676	Diesel	535,939,687	0.0001%
Heavy Trucks/Other	0.009	2,088	6.1	342	Diesel	535,939,687	0.0001%
Total	1.00	233,427		1,018			0.0002%

Land Use[5]	LDA	LDT1	LDT2	MCY	MDV	LHD1	LHD2	MHD	OBUS	UBUS	SBUS	MH	HHD
General Office Building	49.328	4.2329	24.0235	2.2009	14.3400	2.6967	0.6925	1.1011	0.0845	0.0619	0.0649	0.2781	0.8945

Notes:

[1] Total annual operational VMT based on annual VMT from CalEEMod (5.9 Operational Mobile Sources).

[2] Average fuel economy derived from Department of Transportation.

[3] Total annual county fuel per EMFAC 2021 model of projected operational fuel usage.

Operational Water Energy

UNMITIGATED		
Unmitigated Indoor	6.9	million gallons
Indoor Energy Intensity Factor[1]	6,807	kWh/MG
Unmitigated Outdoor	5	million gallons
Outdoor Energy Intensity Factor[2]	6,807	kWh/MG
Operational Water Energy	82,070	kWh
Operational Water Energy	0.0821	GWh
Los Angeles County Annual Electricity	68,485	GWh
Percentage Increase	0.0001%	
MITIGATED		
Mitigated Indoor	6.9	million gallons
Indoor Energy Intensity Factor[1]	6,807	kWh/MG
Mitigated Outdoor	5	million gallons
Outdoor Energy Intensity Factor[2]	6,807	kWh/MG
Operational Water Energy	82,070	kWh
Operational Water Energy	0.0821	GWh
Los Angeles County Annual Electricity	68,485	GWh
Percentage Increase	0.0001%	

Land Use[3]	Unmitigated (gal/year)		Mitigated (gal/year)	
	Indoor	Outdoor	Indoor	Outdoor
General Office Building	5840365	5165115	5840365	5,165,115
Parking Lot	0	0	0	0
General Office Building (Proxy to substation)	1051200	0	1,051,200	0
Total Operational Water (MG/year)	**6.892**	**5.165**	6.892	5

Notes:

[1] Indoor water energy intensity factor for subarea per CalEEMod User Guide, Appendix G, Tab G-32. Factor includes supply, treatment, distribution, and wastewater.

[2] Outdoor water energy intensity factor for subarea per CalEEMod User Guide, Appendix G, Tab G-32. Factor includes supply, treatment, and distribution.

[3] Operational water use values per CalEEMod (5.12 Operational Water and Wastewater Consumption).

Electricity/Natural Gas Energy

UNMITIGATED			
	Unmitigated Project Annual Energy	**Los Angeles County Annual Energy[3]**	**Percentage Increase**
Electricity (kWh/yr)	438,014,593	68,484,956,280	0.6396%
Electricity (GWh/yr)	438.0146	68,485	0.6396%
Natural Gas (kBTU/yr)	0	282,028,593,500	0.0000%
Natural Gas (therms/yr)	0	2,820,285,935	0.0000%
MITIGATED			
	Mitigated Project Annual Energy	**Los Angeles County Annual Energy[3]**	**Percentage Increase**
Electricity (kWh/yr)	0	68,484,956,280	0.0000%
Electricity (GWh/yr)	0.0000	68,485	0.0000%
Natural Gas (kBTU/yr)	0	282,028,593,500	0.0000%
Natural Gas (therms/yr)	0	2,820,285,935	0.0000%

Land Use	**Electricity[1] (kWh/yr)**		**Natural Gas[2] (kBTU/yr)**	
	Unmitigated	**Mitigated**	**Unmitigated**	**Mitigated**
General Office Building	437991240	0	0	0
Parking Lot	23353.04	0	0	0
Total Energy	**438,014,593**	**0**	0	0

Notes:

[1] Electricity use per CalEEMod (5.11 Operational Energy Consumption).

[2] Natural Gas use per CalEEMod (5.11 Operational Energy Consumption).

[3] County total energy values from California Energy Commission energy reports available through ecdms.energy.ca.gov. (year 2022)

DFWCGI

October 28, 2024

To whom it may concern,

The Applicant is proposing to construct a new data center located at 1977 Saturn Street, Monterey Park California. The project would develop an approximately 218,400 square foot building that includes data hall space and other support spaces for operations. We have conservatively estimated the peak energy load for the project. The table below provides approximately energy loads associated with the project at this stage of design.

Data Hall Area (SF)	Server Load (KW)	Mechanical Load (KW)	House Power and Lighting Loads (KW)	**Total Load (KW)**
~110,769	33,000	16,833	166	**49,999**

These energy load estimates are valid based on the level of development we are at, and can be utilized for initial analysis and modeling of the project.

Very Respectfully,



Cutis C. Spraggins, PE

California Mechanical PE#41851

Appendix F

Geotechnical Investigation

GEOTECHNICAL INVESTIGATION
PROPOSED DATA CENTER FACILITY
1977 SATURN STREET
MONTEREY PARK, LOS ANGELES COUNTY
CALIFORNIA

Prepared For

SDCF MONTEREY PARK, LLC
660 STEAMBOAT ROAD
GREENWICH, CONNECTICUT 06830

Prepared By

LEIGHTON CONSULTING, INC.
2600 MICHELSON DRIVE SUITE 400
IRVINE, CALIFORNIA 92612

Project Number 19850

March 27, 2024

Revised June 11, 2024

Leighton
a verdantas company

Leighton Consulting, Inc.

March 27, 2024
Revised June 11, 2024

Project No. 19850

SDCF Monterey Park, LLC
660 Steamboat Road
Greenwich, Connecticut 06830

Attention: Mr. Bryan Marsh, Chief Executive Officer

Subject: Geotechnical Investigation
Proposed Data Center Facility
1977 Saturn Street
Monterey Park, Los Angeles County, California

Per our October 11, 2023 proposal, Leighton Consulting, Inc. (Leighton) is pleased to present this geotechnical investigation report for the subject project. This report is intended to meet the requirements of Section 1803A.2 of the 2022 California Building Code (CBC). The purpose of our geotechnical investigation has been to evaluate the geologic and geotechnical conditions, including potential geologic hazards, within the area of and as they relate to the proposed improvements, and to provide geotechnical recommendations for design and construction of the proposed data center facility, equipment/generator yard and electrical substation.

This site is **not** located within a currently designated Alquist-Priolo Special Studies Zone for surface fault rupture. This site is also **not** within a currently designated liquefaction hazard zone. However, as is the case for most of Southern California, strong ground shaking has a strong potential to occur at this site.

This report presents our findings and conclusions regarding this project. Based upon our geotechnical investigation, the proposed improvements are feasible from a geotechnical viewpoint, provided our recommendations are incorporated into the design and construction of the project. The most significant geotechnical issues are shallow potentially compressible soils underlying the site and the potential for strong seismic shaking. These and other geotechnical issues are discussed in this report. Specific recommendations for site grading, foundations and other geotechnical aspects of the project are presented in this report.

We appreciate this opportunity to be of service. If you have any questions regarding this report or if we can be of further service, please call us at your convenience at **(866) *LEIGHTON***, directly at the phone extensions or e-mail addresses listed below.





Respectfully submitted,

LEIGHTON CONSULTING, INC.

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1.0 INTRODUCTION

1.1 Site Description

The proposed data center facility, see Figure 1, *Site Location Map (*Latitude N34.0402°, Longitude W-118.1140°) is to encompass the majority of the footprint of the existing industrial building formerly operating as Saturn Electronics, as well as a portion of the adjacent landscaped area to the west of the existing structure. The site is bordered by Saturn Street to the south and southwest, South Orange Avenue to the east, , industrial buildings to the west and southeast-southwest, La Loma Reservoir and La Loma Park to the northwest, and residential developments to the northeast and west-northwest.

Based on review of available in-house geotechnical reports, the site was rough graded in 1978 under the geotechnical observation and testing of Leighton and Associates, Inc. (1978). The project site is formerly denoted as Parcels 1 through 5 of Parcel Map 10094 and Lots 1 and 2 of Tract 33910 (Leighton, 1977). See Figure 2A, *Remedial Grading Map* for lot designation and underlying geologic conditions observed and interpreted during grading and exploration of the site (Leighton, 1977, 1978).

Aerial Image Review: Review of aerial imagery and early topographic maps spanning the timeframe from 1939 to 2020 (NETR, 2023) indicate the site is primarily cut with former site elevations (El.) ranging from approximately El. 350 feet to El. 400 feet. 1939 topographic profiles (5-foot contour interval) indicated a north trending blue line canyon axis bisects the current building footprint. Elevations of this canyon onsite and below the current structure range from approximately El. 340 to El. 360 feet. The former canyon axis is roughly aligned in the approximate center of the existing building. This canyon was filled during prior grading activities at the site (Donald Warren 1971 and Leighton, 1978). Visible in the 1964 aerial image is one water tank on the hill to the northwest and grading activity south of the current site location was underway. 1972 aerial imagery shows a portion of the site and adjacent areas are being graded. By 1980 the canyon had been filled and the current structure constructed.

1.2 Proposed Development

Based on review of the 50-scale conceptual grading plan plotted December 20, 2023 and prepared by Gensler, the proposed development will consist of an approximately 218,000± square foot 1-story rectangular building located on the

southern portion of the site along Saturn Street, with an adjacent equipment yard directly north of the building. A western and eastern entryway connecting the development to Saturn Street are proposed, with a fire lane and wrapping around the building and equipment yard. Parking stalls are planned to be located to the north and east of the building and equipment yard. An electrical substation is also planned north of the equipment yard. See Figure 2A, *Boring Location Map* for overlay of the proposed development on current site imagery.

We understand the facility is designed to provide uninterrupted power and cooling services to support the continuous operation and maintenance of servers used for computational processing. The building is organized as Data Hall Galleries flanked by housing cooling units and fans. Each Data Hall is supported by two Electrical Rooms which house electrical gear, panels and batteries. The facility will feature two loading docks, one at each end of the building, for trailer trucks with an area for staging and secure storage of new equipment. Additional spaces will be used for a secure vestibule and lobby, security, two to three fiber entry vaults and fiber cross connect rooms each with diverse optical fiber feed, building restrooms, storage and open office area for facilities and maintenance staff. Electrical gear such as switches and transformers will be in the open yard along with Diesel powered generators.

The conceptual grading plan shows a building Finished Floor Elevation (FFE) of 359.00 feet above mean sea level (msl). Based on existing site grades, the proposed building footprint will require approximately 8 feet of fill on the west end and 11 feet of cut on the east end to reach proposed building grades. Retaining associated with the proposed building pad are currently planned towards the southwest corner of the building with a maximum height of 6 feet and ascending slope towards the building, and towards the southeast corner of the building with a maximum height of 4 feet and descending slope towards the building.

Preliminary structural loads for the proposed building include maximum axial dead loads of 100 kips and live loads of 50 kips for interior columns, and maximum axial dead loads of 50 kips and live loads of 25 kips for the perimeter columns. Exterior perimeter wall loads are estimated as 4 kips per linear foot. Brace frame footings include additional axial loads of 200 kips due to seismic loading.

Retaining walls with maximum heights of 21 feet are currently planned near the northern and northeastern extents of the site. These walls would be primarily a

cut condition from existing grades. Retaining walls are not currently designed, however we anticipate that they would be composed of a soil-nail system.

1.3 Previous Site Background

Leighton and Associates Inc., 1977: Leighton performed geotechnical review of grading plans prepared for Parcels 1 through 5 of Parcel Map 10094 and Lots 1 to 13 of Tract 33910 in support of summarizing the geologic and soil engineering properties of then proposed 18-Lot industrial park development. Based on that review, standard cut and fill grading techniques were planned to construct 13 level lots for industrial building construction. Grading entailed construction of 1.5:1 (horizontal:vertical) with cut slopes to 65 feet in height and 1.5:1 fill slopes a maximum of 32 feet in height. Test pit explorations were conducted onsite in support of the exploration. Site materials were characterized as a mixture of clayey silty sands, sandy clays to silts with sand and gravels noting cobbles and boulders were rare. Alluvium in the main drainage obtained a maximum thickness of four feet. Applicable data from this report is included in Appendix B, *Explorations.* Locations of these test pits are shown on Figure 2A.

Proposed cut slopes were anticipated to be stable as designed or buttressed. The keyway planned for the slope on former Lot 5 (Figure 2A) was recommended being at least 15 feet wide and two feet deep inclined to the heel of the drained key.

Leighton and Associates Inc., 1978: Leighton provided geotechnical and geologic observation and testing during grading of the site which commenced on July 10, 1978, and was completed on October 5, 1978. Standard removals of an average depth of three feet removals from the drainage north of Lot 2 (Figure 2A). Fill was placed and compacted to a standard of not less than 90 percent relative compaction. Field density tests were recorded and presented on maps used as the base for Figure 2A in this report. Earth materials observed and interpreted as sedimentary bedrock consisting of sandstone (ss), siltstone (slt) and conglomerate (cg) were reported. Distribution of earth units is shown on Figure 2B. No landslides or major faulting were observed during grading operations. Buttress keyway and subdrains were constructed during grading and the approximate location of these are shown on Figure 2B, *Remedial Grading Map.* The subdrain installed in the north trending canyon north of Lot 2 (Figure 2A) was reported as an 8-inch subdrain tied into the storm drain system offsite. Results of the field density testing and maps showing plotted locations of these tests are included in Appendix A, *Report of Rough Grading.*

Leighton Consulting Inc., 2015: Leighton provided a geotechnical exploration report for the proposed cooling tower addition project at 1980 Saturn Street in Monterey Park, California, immediately southwest of the project site. Field exploration was performed on October 23, 2015, and consisted of drilling, sampling and logging of one hollow-stem auger boring excavated to a depth of 35 feet below existing ground surface (bgs) adjacent to the proposed cooling tower pad. Subsurface soils encountered in the boring drilled for this investigation indicate the site is underlain by approximately 15 feet of compacted artificial fill overlying sedimentary bedrock of the Fernando Formation. The compacted artificial fill soils encountered generally consist of olive brown to reddish brown, slightly moist to moist, clayey sand and sandy clay with variable amounts of fine gravels. Bedrock materials encountered to the depth explored generally consist of reddish brown, slightly moist to moist, gravelly sandstone and conglomerate sandstone with variable amounts of clay within the matrix. Based upon the conditions encountered and results of geotechnical laboratory testing recommendations were provided to support the construction of the cooling tower pad as then proposed. The boring excavated in support of this project is located offsite to the southwest. The approximate location is shown on Figure 2A and the boring log is included in Appendix B.

1.4 Purpose and Scope of Exploration

The purpose of our geotechnical exploration was to evaluate the soil and groundwater conditions at the site through review of available data and subsurface explorations in order to provide geotechnical recommendations to aid in design and construction for the project as currently proposed (see Section 1.2). The scope of this geotechnical exploration included the following tasks:

- *Background Review* – A background review was performed of readily available, relevant geotechnical, civil and geological literature pertinent to the project site. References reviewed in preparation of this report are listed in Section 7.0.

- *Field Exploration* – Field exploration was performed on December 5, 2023, and consisted of drilling, sampling, and logging of five (5) hollow-stem auger borings (designated LB-1 through LB-5). Borings were excavated to depths ranging from approximately 10 feet to 36.5 feet below existing ground surface (bgs) within the footprint of the proposed building as well as the preferred substation location.

Prior to the field exploration, the borings were marked, and Underground Service Alert (USA) was notified for utility clearance. During excavating, bulk and relatively undisturbed samples were obtained from each boring for geotechnical laboratory testing. The borings were logged in the field by a geologist from our staff. Each soil sample collected was reviewed and described in accordance with the Unified Soil Classification System (USCS). The samples were sealed and packaged for transportation to our laboratory. After completion of drilling, the boring was backfilled with soil cuttings generated during the exploration, and surfaces were patched with cold-mix asphalt. The approximate locations of the borings conducted by Leighton are shown on Figure 2A, *Boring Location Map* and Figure 2B, *Remedial Grading Map*. Boring logs are included in Appendix B.

- *Laboratory Testing* – Geotechnical laboratory tests were conducted on selected bulk and undisturbed soil samples obtained from our borings. This laboratory testing program was designed to evaluate geotechnical (physical) characteristics of site soil. A description of geotechnical laboratory test- results are presented in Appendix C, *Laboratory Test Results*. The following laboratory tests were performed:

  - In-situ Moisture Content and Dry Density (ASTM D2216 and ASTM D2937);
  - Expansion Index (ASTM D4829);
  - Modified Proctor Compaction Test (ASTM D1557);
  - Atterberg Limits (ASTM D4318);
  - R Value (DOT CA Test 301);
  - Particle Size Analysis (ASTM D6913);
  - Percentage Passing Sieve No. 200 Sieve (ASTM D1140);
  - Swell or Settlement Potential (ASTM D4546); and
  - Corrosivity (Soluble Sulfate DOT CA Test 417 Part II, Soluble Chloride DOT CA Test 422, pH DOT CA Test 643, and Resistivity DOT CA Test 643).

  The in-situ moisture and density of soil samples at depths are shown on the boring logs included in Appendix B. The results of the remaining laboratory tests are presented in Appendix C.

- *Engineering Analysis* – Data obtained from field explorations and geotechnical laboratory testing was evaluated and analyzed to develop geotechnical

conclusions and provide recommendations for the project. Geologic cross section interpretations prepared for this site are presented on Plate 2, *Geotechnical Cross Section AA-BB' and CC''*.

- *Report Preparation* - Results of our geologic hazards review and geotechnical exploration have been summarized in this report, presenting our findings, conclusions and geotechnical design recommendations for design and construction of the project as currently proposed.

It should be noted that the recommendations in this report are subject to the limitations presented in Section 6.0 of the report.

2.0 GEOTECHNICAL FINDINGS

2.1 Local Geologic Units and Subsurface Conditions

Presented below are brief descriptions of the geologic units encountered in the exploratory borings completed at the site by Leighton. Detailed descriptions of the geologic units encountered are presented on the boring logs in Appendix B. Geotechnical conditions described on the logs represent the conditions at the actual exploratory excavation locations. Other variations may occur beyond and/or between the excavations. Lines of demarcation between the geologic units and the various earth materials on the logs represent approximated boundaries, and (unless otherwise noted) actual transitions may be gradual. The locations of the subsurface explorations are shown on Plate 1, Figure 2A and 2B. The subsurface profile based on data obtained and interpreted from the borings and available as-built maps (Appendix A) is shown on Plate *2.* The site and surrounding geologic units are presented on Figure 3, *Regional Geology Map*

Artificial Fill Engineered (Map Symbol Afe-1978): As indicated above in Section 1.2, the site was previously rough graded under the geotechnical observation and testing of Leighton and Associates, Inc. (1978). The fill material is locally derived from canyon alluvium and weathered bedrock of the Fernando Formation. These materials are characterized as Silty Sand (SM) with traces of gravel, to Sandy Clayey Silt (CL-ML) to Sandy Clay (CL) with fine to coarse sand to poorly graded Sand with Clay and gravels (SP-CL). Maximum density (Leighton, 1978) and optimum moisture for the fill placed during 1978 indicate optimum moisture content ranging from 8 to 10% and maximum dry density ranging from 125 to 129 pounds per cubic foot (pcf).

Artificial Fill Engineered (Map Symbol Afe-1991): Prior to 1978, we understand portions of the site were used as borrow areas during grading of adjacent areas. It was reported that fill placed on the site during grading of the industrial site to the south occurred in two phases (1961 and 1972) and was controlled by Donald R. Warren and Company for which there is no testing documentation. Based on review of available geotechnical reports for the site (Leighton and Associates, Inc., 1977 and 1978), the site is underlain by to (2) generations of compacted artificial fill with the greatest thickness primarily within a narrow canyon overlying non marine sandstone and conglomerate bedrock of the Fernando Formation. This early generation of fill material interpreted as encountered in current boring LB-2 (Appendix B) is characterized as Clay with Sand (CL-SP) and Silty Clay (ML-CL). Based on recovered data it appears the early generation of fill is primarily confined

to the narrow canyon and might be associated with construction of a reported 8-inch diameter vitrified clay pipe (VCP) sewer line, see Figure 2A.

Quaternary Alluvium (Map Symbol Qa): Alluvium, as encountered is interpreted to be limited to the narrow north trending canyon drainage underlying the eastern corner of the existing 2-story building and adjacent parking stalls. This material is overlain by engineered fill and is characterized as dark gray to reddish brown, slightly moist to moist, clay, laminated sandy clay, and poorly-graded sand. The stratigraphy of the subsurface soils encountered in each soil boring is presented in the boring logs (Appendix B). The general subsurface conditions across the site, interpreted from the boring and test pit data (Leighton, 1977) are shown on Plate 2. Three feet of this material was recommended for removal in prior reports prepared by Leighton (1977).

Fernando Formation (Tfsc): The site is geologically mapped as the Fernando Formation (Tfsc), which is described as nonmarine sandstone and conglomerate. The conglomerate within this formation is typically composed of pebbles and cobbles in a friable sandstone matrix. This geologic formation was encountered in all of our geotechnical borings at variable depths, with the shallowest towards the northern portion of the site. Encountered soils within this formation consisted of medium dense to very dense sandstone, which generally classified as Silty Sand.

2.2 Corrosion

Corrosion: In general, soil resistivity, which is a measure of how easily electrical current flows through soils, is the most influential factor for ferrous corrosivity. Based on findings of studies presented in the American Society for Testing and Materials (ASTM) STP 1013 titled “Effects of Soil Characteristics on Corrosion” (February, 1989), an approximate relationship between soil resistivity and soil corrosiveness was developed as shown in Table 1A below.

Table 1A - Soil Corrosivity as a Function of Resistivity

Soil Resistivity (ohm-cm)	Classification of Soil Corrosiveness
0 to 900	Very severe corrosion
900 to 2,300	Severely corrosive
2,300 to 5,000	Moderately corrosive
5,000 to 10,000	Mildly corrosive
10,000 to >100,000	Very mildly corrosive

Sulfate Exposure: Sulfate ions in the soil can lower the soil resistivity and can be highly aggressive to Portland cement concrete by combining chemically with certain constituents of the concrete, principally tricalcium aluminate. This reaction is accompanied by expansion and eventual disruption of the concrete matrix. A potentially high sulfate content could also cause corrosion of reinforcing steel in concrete. Section 1904A of the 2022 California Building Code (CBC) defers to the American Concrete Institute's (ACI's) ACI 318-14 for concrete durability requirements. Table 19.3.1.1 of ACI 318-14 lists "*Exposure categories and classes*," including sulfate exposure as follows:

Table 1B - Sulfate Concentration and Exposure

Soluble Sulfate in Water (parts-per-million)	Water-Soluble Sulfate (SO_4) in soil (percentage by weight)	ACI 318-14 Sulfate Class
0-150	0.00 - 0.10	S0 (negligible)
150-1,500	0.10 - 0.20	S1 (moderate*)
1,500-10,000	0.20 - 2.00	S2 (severe)
>10,000	>2.00	S3 (very severe)

*or seawater

Representative composite, near surface (0 to 5 feet) bulk soil samples obtained for this study were tested to evaluate corrosion potential of material locally derived from the site from previous grading activities (Leighton, 1978). The chemical analysis test results for the onsite soil from our current geotechnical exploration are included in Appendix C of this report and are summarized below.

Table 1C - Corrosivity Test Results

Test Parameter	Test Results	General Classification of Hazard
	LB-2, Sample BB-1	
Water-Soluble Sulfate-SO_4 in Soil (ppm)	136	Negligible sulfate exposure to buried concrete (Exposure Class S0)
Percent by Weight SO_4	0.0136	
Water-Soluble Chloride in Soil (ppm)	50	Non-corrosive to buried concrete (per Caltrans Specifications)
Percent by Weight (Chl^-)	0.005	
pH	7.81	Mildly alkaline
Minimum Resistivity (saturated, ohm-cm)	1,990	Severely corrosive to buried ferrous pipes

Additional corrosion testing should be performed upon completion of grading to confirm the findings and conclusions presented above.

2.3 Expansive Soils

Expansion Index (EI) testing of engineered fill at the completion of grading (Leighton, 1978, Appendix A) below the previously planned lots 1 to 11 and Lots 5 and 10 range from medium expansion (EI=65) to very low (EI=12). Expansion Index testing during investigation of the site (Leighton, 1977) on two samples collected from test pit exploration (TP-3 and TP-11) indicate EI values ranging from 7 to 10 (very low), results are included in Appendix C. Laboratory testing performed during this study on a representative near-surface soil sample within the proposed building footprint indicated an EI of 19 (very low). These combined test results indicate a very low to medium expansion potential for onsite materials. For purposes of this report, the expansion properties of the soil below improvement footprint can be considered as “low”. Additional testing of soils upon completion of grading should be performed to confirm the results of the initial testing.

Based on geotechnical laboratory testing performed on selected soil samples collected from the site and review of previous laboratory test results (Appendix A), a synopsis of geotechnical properties of the site soils is provided in Table 2 below. Geotechnical laboratory testing results are presented in Appendix C, *Laboratory Test Results.*

Table 2 – Soil Geotechnical Properties Synopsis

Parameters	Soil Properties
In-situ Moisture:	Dry to very moist
In-situ Density:	Medium dense to very dense
Swell/Expansion Potential:	Mostly granular, swell/expansion potential is **low**.
Collapse Potential:	Not susceptible to collapse when wetted
Strength:	Adequate to provide structural support
Corrosivity:	No sulfate attack of concrete but **severely corrosive to ferrous metals.**

2.4 Groundwater

Groundwater was not encountered during the current exploration drilled to exploration depths of 36.5 feet bgs. Due to shallow bedrock groundwater is not expected to pose a constraint to construction for the project as currently planned.

2.5 Infiltration

In-situ percolation testing was not performed at the site. However, due to shallow bedrock and clayey low permeability engineered fill below the site, infiltration is not considered geotechnically feasible and is therefore not recommended.

3.0 GEOLOGIC/SEISMIC HAZARDS

Geologic and seismic hazards include surface fault rupture, seismic shaking, liquefaction, seismically-induced settlement, lateral spreading, seismically-induced landslides, flooding, seismically-induced flooding, seiches and tsunamis. The following sections discuss these hazards and their potential impact at the project site.

3.1 Faulting

There are no active or potentially active faults known to cross the project site and the site is not located within an Alquist-Priolo Earthquake Fault Zone (CGS, 1986; Bryant and Hart, 2007) and as such, the potential for surface fault rupture at the site is considered low. However, several active and potentially active faults are mapped within 10 km (6.2 miles) of the site. Figure 4, *Regional Fault and Historical Seismicity Map*, shows the proximity of known active and potentially active faults within the region.

3.2 Liquefaction and Lateral Spreading

Liquefaction is the loss of soil strength due to a buildup of excess pore-water pressure during strong and long-duration ground shaking. Liquefaction is associated primarily with loose (low density), saturated, relatively uniform fine- to medium-grained, clean cohesionless soils. As shaking action of an earthquake progresses, soil granules are rearranged and the soil densifies within a short period. This rapid densification of soil results in a buildup of pore-water pressure. When the pore-water pressure approaches the total overburden pressure, soil shear strength reduces abruptly and temporarily behaves similar to a fluid. For liquefaction to occur there must be:

(1) loose, clean granular soils,

(2) shallow groundwater, **and**

(3) strong, long-duration ground shaking.

Review of both the Earthquake Zones of Required Investigation El Monte Quadrangle, California Geological Survey Zone Map (CGS, 2014) indicate the site is not within an area potentially susceptible to liquefaction (Figure 5, *Seismic Hazard Map*).

With groundwater at a depth greater than 35 feet below grade and relatively medium dense to dense engineered fill overlying hard bedrock below the site, the

potential for liquefaction and related lateral spreading effects on the site is considered very low.

3.3 Seismically-Induced Settlement

Seismically-induced settlement consists of dry dynamic settlement (above groundwater) and liquefaction-induced settlement (below groundwater). These settlements occur primarily within loose to moderately dense sandy soil due to reduction in volume during and shortly after an earthquake event.

We have performed analyses to estimate the potential for seismically induced settlement using the method of Tokimatsu and Seed (1987), and based on Martin and Lew (1999), considering the maximum considered earthquake (MCE) peak ground acceleration (PGA_M). Design/historic high groundwater levels of 100 feet below ground surface were used in the analysis.

Our analysis was adjusted to consider the proposed grade changes for the development as currently planned. Based on our preliminary analysis including building pad preparation recommendations presented in this report, a potential for less than 1 inch of seismic settlement is estimated at the project site. Differential seismic settlement estimated as half of the total settlement results in approximately ½ inch over a distance of 30 feet, or angular distortion of 0.0014L. Results of our seismic settlement analysis is presented in Appendix D, *Seismic Analysis*.

3.4 Seismically-Induced Landslides

The proposed project site is not located in an area mapped as potentially susceptible to seismically-induced landslides (Figure 5, *Seismic Hazard Map*). No landslides are mapped or known to exist at the project site or vicinity. The slopes to the northwest below the water tanks are reported as buttressed with engineered fill (Leighton, 1978). Therefore, the potential for seismically induced landslides to affect the site is very low.

3.5 Flooding

As shown on Figure 6, *Flood Hazard and Dam Inundation Map*, the site is located outside of areas recognized by the Federal Emergency Management Agency (FEMA) to within 0.2% annual flood potential (FEMA, 2008). Earthquake-induced flooding can be caused by failure of dams or other water-retaining structures as a result of an earthquake. As shown on Figure 6, the site is located inside the dam

inundation area of the Garvey Reservoir. Garvey reservoir is classified by the Division of Dam Safety (DSOD) as Dam No. 35-6. Garvey Reservoir is impounded by three embankment dams ranging from 115-foot to 160-foot high with a total length of 5,164 feet. Completed in 1954 the reservoir has a capacity of 1,160 acre feet of treated water. The reservoir regulates flow and pressure for Metropolitan's distribution system. The DSOD classifies it as an extremely high downstream hazard.

According to review of the *General Manager Monthly Report Activities for the Month of June 2021, Metropolitan Water District (MWD) of Southern California*, the Garvey Reservoir is planned for rehabilitation.

Garvey Reservoir Rehabilitation - According to the *Garvey Reservoir rehabilitation Project Proposed Initial Study, Report No. 1642,* prepared by the Metropolitan Water District of Southern California *(*MWD, 2024) the project rehabilitates Garvey Reservoir by replacing the reservoir cover (initially installed in 1999)liner, junction structure valves, and standby generator; relocates the outdated WQ lab; makes structural improvements to the inlet/outlet tower; assesses the need for subdrain systems below the reservoir liner; and evaluates the feasibility of making modifications inside the reservoir to improve mixing within the reservoir. The existing reservoir cover, liner, and supporting facilities have deteriorated and need rehabilitation to protect water quality and maintain reliable water deliveries. Construction activities would take approximately six years to complete with the first phase of work occurring on the cover liner and intake tower (MWD, 2024).

In February 2021, the dam was given a *Satisfactory Condition Assessment* by the State regulatory agency Department of Water Resources, Safety of Dams. No existing or potential dam safety deficiencies are recognized. Acceptable performance is expected under all loading conditions (static, hydrologic, seismic) in accordance with the minimum applicable state or federal regulatory criteria or tolerable risk guidelines.

Therefore, the potential for earthquake-induced flooding at the site is considered low.

3.6 Seiches-Seismically Induced Inundation

Seiches are large waves generated in enclosed bodies of water in response to ground shaking. There are two above ground water tanks located upslope of the

site to the northwest. During seismic events seiches could develop within the water tanks, however design elements such as baffles are required to reduce the potential for seiches in water tanks where overflow or structural failure may result in damage to nearby properties. Criteria for seismic design of water tanks are provided in the American Water Works Association (AWWA) Standards for Design of Steel Water Tanks.

Based on the inland location of the site, tsunami risks are considered negligible.

4.0 FINDINGS AND CONCLUSIONS

Presented below is a summary of findings and conclusions based upon the results of our evaluation of the project site:

- This site is **not** located within a currently designated Alquist-Priolo Special Studies Zone for surface fault rupture. However, as is the case for most of Southern California, strong ground shaking has and will occur at this site. This site is also **not** within a currently designated (March 25, 1998) liquefaction hazard zone. Due to primarily encountered engineered fill, deep groundwater and shallow bedrock, damaging liquefaction and related effects are unlikely to occur at this site. The site is not located in any geologic or seismic hazard zone that could preclude the development of the proposed project.

- Based on review of borings and As-Graded maps (Leighton, 1978) the site is underlain by documented artificial fill (Leighton, 1978) ranging in thickness from 2 to 15± feet overlying bedrock generally consisting of dense to hard sandstone, siltstone and conglomerate. Minor thickness of fill can be expected to vary between explored locations.

- Groundwater was not encountered during the current exploration. Groundwater is not expected to pose a constraint to construction.

- The potential for liquefaction and liquefaction-induced ground failure to occur at the site is considered very low.

- The potential seismically-induced settlement at the site is estimated to be less than 1 inch, with differential seismic settlements of ½ inch over a distance of 30 feet.

- Based on our observations and testing, the onsite soils that will be in contact with the planned structure are expected to have a low expansion potential. Additional testing is recommended at completion of grading. For purposes of design, we recommend using a low expansion index (EI=20 to 50).

- Concrete in contact with the onsite soil is expected to have negligible exposure to water-soluble sulfates (Exposure Class S0) and low exposure to chloride in the soil. The onsite soil, however, is considered severely corrosive to ferrous metal.

- The subsurface materials are anticipated to be readily excavated using conventional earthmoving equipment in good working condition.

- The proposed improvements may be supported on conventional shallow footing foundation systems established on engineered fill.
- Proposed retaining wall systems on the northern and northeastern portions of the site will be cut from existing grade with heights of up to 21 feet. Based on preliminary global stability analyses, a soil nail wall system with adequate nail lengths is recommended to achieve acceptable factors of safety.

Based upon the results of our geotechnical evaluation of the site, the proposed improvements are considered feasible from a geotechnical standpoint.

5.0 RECOMMENDATIONS

The following recommendations have been developed based on the exhibited engineering properties of the onsite soils and their anticipated behavior during and after construction. Recommendations are specifically provided for design of foundations, seismic design considerations, floor slabs, retaining structures, paving, and grading. The proposed structures may be supported on spread-type shallow footing foundation systems established on engineered fill. Leighton should review the grading plan, foundation plans and specifications when they are available to verify that the recommendations presented in this report have been properly interpreted and incorporated. *The local department of building and safety is responsible for implementing the provisions of the applicable building codes. The project would be required to comply with plan review and permitting requirements of the local jurisdiction before the start of construction, as well as comply with the recommendations provided in a final design, and site specific, geotechnical report that is subject to review and approval by the city.*

Loading and bearing pressure diagrams should be provided for our review once prepared to confirm recommendations and settlement estimates remain valid for the project as currently proposed.

5.1 Grading

Project earthwork is expected to include complete demolition/removal of existing surface pavements, building, utilities and complete overexcavation and recompaction of any remaining documented fill soils below new improvement footprints as described in the following subsections.

5.1.1 Site Preparation

After the site is cleared, the soils should be carefully observed for the removal of all unsuitable deposits. We recommend that after removal of pavements and hardscape, and complete demolition of existing structure the subgrade should be evaluated by the engineering geologist.

To reduce the potential for adverse total and differential settlement of the proposed structures, the underlying subgrade soil should be prepared in such a manner that a uniform response to the applied loads is achieved. Due to the potential for near-surface compressible soils, we recommend that onsite soils in the proposed building/structure areas and site walls taller than 5 feet be overexcavated to a minimum depth of 5 feet bgs, or to a depth

of 3 feet below the bottoms of proposed footings, whichever is deeper. Our geotechnical field representative may evaluate earthwork doing grading to reduce the overexcavation requirements if very dense bedrock is encountered.

Where possible, the removal bottom should extend horizontally a minimum of 5 feet from the outside edges of the building/structure footprint and footings (including columns connected to the buildings), or a distance equal to the depth of overexcavation below the footings, whichever is farther. Where this is not achievable, this should be reviewed on a case-by-case basis.

Any underground obstructions encountered should be removed. Those lines should be removed or rerouted where interfering with proposed construction. *According to prior as graded maps (Appendix A) a canyon subdrain was installed in 1978 and prior grading may have included installation of an 8-inch diameter VCP sewer pipe. It is unknown what elevations these utilities lie below the current building footprint. We recommend confirming the presence or absence of these utilities after demolition and prior to full scale grading of the site.*

Areas outside the building, planned for new asphalt and/or concrete pavement, should be over-excavated to a minimum depth of 24 inches below existing or finish grade, or 18 inches below proposed pavement sections, whichever is deeper.

Ancillary structures, such as lightly loaded electrical equipment pads, should be overexcavated to a minimum depth of 2 feet below existing ground or 18 inches below bottom of proposed footings, whichever is greater. Any overexcavation for small, lightly loaded ancillary structures should extend 3 feet horizontally outside the structure limits, where feasible.

Resulting removal excavation bottom-surfaces should be observed by Leighton Consulting, Inc., prior to placement of any backfill or new construction. After these over-excavations are completed, and prior to fill placement, exposed surfaces should be scarified to a minimum depth of 6 inches, moisture-conditioned to or slightly above optimum moisture content, and recompacted (proof rolled) to a minimum 90 percent relative compaction as determined by ASTM D 1557 standard test method (modified Proctor compaction curve).

5.1.2 Earthwork Observation and Testing

Leighton Consulting, Inc. should observe and test all grading and earthwork, to check that the site is properly prepared, the selected fill materials are satisfactory, and that placement and compaction of fills has been performed in accordance with our recommendations and the project specifications. Sufficient notification to us prior to earthwork is essential. Project plans and specifications should incorporate recommendations contained in the text of this report.

Variations in site conditions are possible and may be encountered during construction. To confirm correlation between soil data obtained during our field and laboratory testing and actual subsurface conditions encountered during construction, and to observe conformance with approved plans and specifications, it is essential that we be retained to perform continuous or intermittent review during earthwork, excavation and foundation construction phases. Therefore, conclusions and recommendations presented in this report are contingent upon us performing construction observation services.

5.1.3 Fill Placement and Compaction

Onsite soils free of organics, debris and oversized material (greater-than 6 inches in largest dimension) are suitable for use as compacted structural fill. However, any soil to be placed as fill, whether onsite or imported material, should be first viewed by Leighton and then tested if and as necessary, prior to approval for use as compacted fill. All structural fill must be free of hazardous materials.

All fill soil should be placed in thin, loose lifts, moisture-conditioned, as necessary, to within 2 percent of optimum moisture content, and compacted to a minimum 92% relative compaction as determined by ASTM D 1557 standard test method (modified Proctor compaction curve) within building footprints. Aggregate base for pavement sections should be compacted to a minimum of 95% relative compaction. At least the upper 12 inches of the exposed soils in roadways and access drives, parking lots and (concrete – paver) flatwork areas, should be compacted to at least 95 percent relative compaction based on ASTM Test Method D 1557.

Fill Materials: The onsite soils, less any deleterious material or organic matter, can be used in required fills. Cobbles larger than 6 inches in largest diameter should not be used in the fill. Any required import material should consist of relatively non-expansive soils with a very low to low Expansion Index (EI<50). The imported materials should contain sufficient fines (binder material) so as to be relatively impermeable and result in a stable subgrade when compacted. All proposed import materials should be approved by the geotechnical engineer of record prior to being placed at the site.

Surface Drainage: Water should not be allowed to pond or accumulate anywhere except in detention basins. Pad drainage should be designed to collect and direct surface water away from structures to approved drainage facilities. Hardscape drains should be installed and drain to storm water disposal systems. Drainage patterns approved at the time of fine grading should be maintained throughout the life of proposed structures. Irrigation should not be allowed for at least 10 feet horizontally around buildings.

5.1.4 Reuse of Concrete and Asphalt In Fill

Pulverized demolition concrete free of rebar and other materials and demolished asphalt pavement can be pulverized to particles no-larger-than (≤) 3-inches, and mixed with site soils for use in compacted fill. Blended pulverized concrete and asphalt should be mixed with at least 25% soils by weight. Such materials must be free of and segregated from any hazardous materials and/or organic material of any kind.

5.1.5 Temporary Excavations

All temporary excavations, including utility trenches, retaining wall excavations, and other excavations should be performed in accordance with project plans, specifications and all State of California Occupational Safety and Health Administration (CalOSHA) requirements.

No surcharge loads should be permitted within a horizontal distance equal to the height of cut or 5 feet, whichever is greater from the top of the slope, unless the cut is shored appropriately. Excavations that extend below an imaginary plane inclined at 45 degrees below the edge of any adjacent existing site foundations should be properly shored to maintain support of these structures.

Temporary excavations should be treated in accordance with CalOSHA excavation regulations. The sides of excavations should be shored or sloped accordingly. CalOSHA allows the sides of unbraced excavations, up to a maximum height of 20 feet, to be cut to a ¾:1 (horizontal:vertical) slope for Type A soils, 1:1 for Type B soils, and 1½:1 for Type C soils.

The onsite soils within the proposed overexcavation depths generally conform to CalOSHA Type C soils. Soil type should be evaluated during construction by the designated "competent person" per CalOSHA guidelines. CalOSHA regulations are applicable in areas with no restriction of surrounding ground deformations. Shoring should be designed for areas with deformation restrictions. Heavy construction loads, such as those resulting from stockpiles and heavy machinery, should be kept a minimum distance equivalent to the excavation height or 5 feet, whichever is greater, from the excavation unless the excavation is shored and these surcharges are considered in the design of the shoring system.

5.1.6 Trench Backfill

Pipeline trenches should be backfilled with compacted fill in accordance with this report, and applicable *Standard Specifications For Public Works Construction* (Greenbook), current edition standards. Backfill in and above the pipe zone should be as follows:

- **Pipe Zone**: Any proposed pipe should be placed on properly placed bedding materials. Pipe bedding should extend to a depth in accordance to the pipe manufacturer's specification. The pipe bedding should extend to least 1 foot over the top of the conduit. The bedding material may consist of compacted free-draining sand, gravel, or crushed rock. If sand is used, the sand should have a sand equivalent greater than 30. As an alternate the pipe bedding zone can be backfilled with Controlled Low Strength Material (CLSM) consisting of at least one sack of Portland cement per cubic-yard of sand, conforming to Section 201-6 of the current Edition of the Standard Specifications for Public Works Construction (Greenbook). CLSM bedding should be placed to 1 foot over the top of the conduit, and vibrated. CLSM should not be jetted.

- **Over Pipe Zone**: Above the pipe zone, trenches can be backfilled with excavated on-site soils free of debris, organic and oversized material

larger than 3 inches in largest dimension. As an option, the whole trench can be backfilled with one-sack CLSM same as presented above for the pipe bedding zone. Native soil backfill over the pipe-bedding zone should be placed in thin lifts, moisture conditioned, as necessary, and mechanically compacted using a minimum standard of 92% relative compaction relative to the ASTM D 1557 laboratory maximum dry density within building footprints. The upper 12-inches under hardscape, parking, paver etc. should be compacted to 95% relative compaction.

5.1.7 Corrosion Protection Measures

Water-soluble sulfates in soil can react adversely with concrete. As referenced in the 2022 California Building Code (CBC), Section 1904A, concrete subject to exposure to sulfates shall comply with requirements set forth in ACI 318. Based on laboratory testing results of the onsite soils from recent and prior investigations, concrete structures in contact with the onsite soil will likely have "negligible" exposure to water-soluble sulfates in the soil (Exposure Class S0). Therefore, common Type II Portland cement may be used for concrete construction in contact with site soils. Subgrade soil should be tested for water-soluble sulfate content prior to final design of the concrete structures once grading is complete. Import fill soil should be geotechnically tested for corrosivity and sulfate attack before import to the site. Further testing of import soils, if needed, should include analytical testing for chemicals of concern prior to import and acceptance.

Based on corrosivity test results of the onsite soils, the onsite soil is considered severely corrosive to ferrous metals. Therefore, based on these results, ferrous pipe buried in moist to wet site earth materials should be avoided by using high-density polyethylene (HDPE), polyvinyl chloride (PVC) and/or other non-ferrous pipe when possible. Ferrous pipe can also be protected by polyethylene bags, tap or coatings, di-electric fittings or other means to separate the pipe from on-site soils. A corrosion engineer can be consulted for project-specific corrosion protection measures. Corrosion information presented in this report should be provided to your underground utility subcontractors.

5.2 Foundations

Overexcavation and recompaction of the footing subgrade should be performed as detailed in Section 5.1. The following recommendations are based on the onsite soil conditions and soils with a "low" expansion potential. The proposed new structures may be supported on a shallow spread footing foundation system established on engineered fill.

5.2.1 Shallow Spread Footings

Footings should have a minimum embedment depth of 18 inches, with minimum width of 24 and 12 inches for isolated and continuous footings, respectively.

Bearing Value: An allowable bearing pressure of 2,000 pounds per square foot (psf) may be used, based on an assumed embedment depth of 18 inches and minimum width described above. This allowable bearing value may be increased by 250 psf per foot increase in depth or width to a maximum allowable bearing pressure of 3,500 psf. If higher bearing pressures are required, this should be reviewed on a case-by-case basis and may include additional overexcavation and/or soil reinforcement. These allowable bearing pressures are for total dead load and sustained live loads. Footing reinforcement should be designed by the structural engineer.

Settlement: The recommended allowable bearing pressure is generally based on a total allowable, post-construction static settlement of 1 inch. Differential settlement due to static loading is estimated at ½ inch over a horizontal distance of 30 feet. Since settlement is a function of footing sustained load, size and contact bearing pressure, differential settlement can be expected between adjacent columns or walls where a large differential loading condition exists.

Seismic differential settlement is assumed to be ½ inch over a horizontal distance of 30 feet for the design-level earthquake, or angular distortion of 0.0014L.

Lateral Resistance: Soil resistance available to withstand lateral loads on a shallow foundation is a function of the frictional resistance along the base of the footing and the passive resistance that may develop as the face of the structure tends to move into the soil. The frictional resistance between

the base of the foundation and the subgrade soil may be computed using a coefficient of friction of 0.35. The passive resistance may be computed using an equivalent fluid pressure of 240 pounds-per-cubic-foot (pcf), assuming there is constant contact between the footing and undisturbed soil. The passive resistance can be increased by one-third when considering short-duration wind or seismic loads. The friction resistance and the passive resistance of the soils can be combined without reduction in determining the total lateral resistance.

Uplift Resistance: To evaluate uplift resistance provided by the dead weight of soils above the footing, the frustum of soil above the footing may be estimated by a 30 degree outward projection from vertical. A unit weight of 120 pcf may be used for the soil volume within the frustum.

5.2.2 Modulus of Subgrade Reaction

For foundations established in engineered fill, an initial unit modulus of subgrade reaction (k_1) value of 150 pounds per cubic inch (pci) may be used.

The k_1 value presented herein, which corresponds to a 1-foot-square footing, should be reduced as shown below to incorporate foundation size effects:

$$k = k_1 \left(\frac{B+1}{2B}\right)^2$$

where B is the square footing width.

5.2.3 Flagpole-Type Foundations

The following recommendations are applicable for light poles and shade structures/canopies. If large light structure, such as Musco light poles, are planned, then Leighton should review the proposed lighting system and provide supplemental recommendations if required. Similarly, if large shade structures are planned, then Leighton should review the proposed structure systems.

For enhanced sliding and overturning resistance, light poles are often founded on drilled cast-in-place reinforced concrete piers. Therefore, we

present geotechnical design parameters for drilled cast-in-place concrete piers to support new light poles.

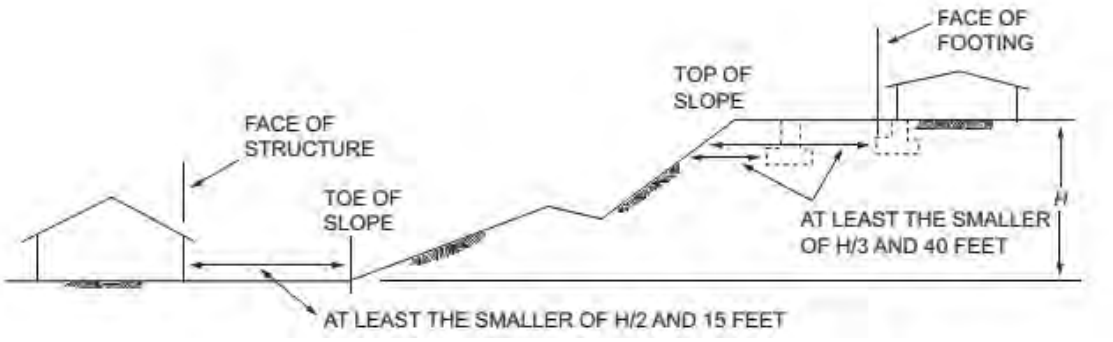
Lateral bearing resistance for proposed light pole pile foundations may be based on allowable lateral earth pressure of Class of Material 5 on Table 1806A.2 of the 2022 CBC, which can be doubled in accordance with 1806A.3.4, ignoring the upper 18 inches of soil in non-paved areas. This lateral bearing value assumes that the pole can tolerate at least a 0.5-inch deflection at the ground surface due to short term loading. Lateral bearing resistance should be computed in accordance with Section 1807A.3.2.1 (unconstrained laterally) of the 2022 CBC.

These recommendations assume that the foundations will be embedded against firm intact soil.

For axial design, we recommend an allowable resistance in compression for these foundations consisting of 200 psf for allowable skin friction, ignoring the bottom one diameter, and an allowable end bearing of 2,500 psf (assuming a cleaned-out bottom). We recommend that the piles be at least 4 pile diameters long. These values are for isolated single piles.

5.2.4 Building Clearance and Foundation Setbacks

All building foundations located near slopes should have a minimum setback per Figure 1808.7.1 of the 2022 California Building Code (CBC). Setback distances should be measured from competent material extending perpendicular to the slope face.



As a minimum, building clearances from the toe of an ascending slope should be equal to one-half of the total slope height (H/2) to a maximum setback of 15 feet per the 2022 CBC section 1808.7.1. and Figure 1808.7.1.

5.3 Seismic Design Parameters

We performed a Site Class analysis in general accordance with ASCE 7-16 analysis with field Standard Penetration Blowcounts (SPT) from the geotechnical borings that extended to a maximum depth of 36.5 feet below existing grade, and considered the proposed site grade adjustments. The western and eastern portion of the proposed building will require approximately 8 feet of fill and 11 feet of cut to reach proposed grades, respectively.

Considering the geotechnical boring with the deepest depth of competent bedrock (Boring LB-2), the site classifies as Site Class D. However, other borings at the site encountered relatively shallow bedrock which resulted in classification as Site Class C. Therefore, we are including seismic parameters for both Site Class D and C for structural evaluation.

The tables below list seismic design parameters for both Site Class C and D based on the 2022 CBC, Section 1613A.3 (ASCE 7-16) methodology:

Table 3A - 2022 CBC Mapped Seismic Parameters – Site Class "C"

Categorization/Coefficients	Code-Based (1) (2)
Site Longitude (decimal degrees) West	-118.1141
Site Latitude (decimal degrees) North	34.0402
Site Class	C
Mapped Spectral Response Acceleration at 0.2s Period, S_s	1.918
Mapped Spectral Response Acceleration at 1s Period, S_1	0.689
Short Period Site Coefficient at 0.2s Period, F_a	1.200
Long Period Site Coefficient at 1s Period, F_v	1.400
Adjusted Spectral Response Acceleration at 0.2s Period, S_{MS}	2.302
Adjusted Spectral Response Acceleration at 1s Period, S_{M1}	0.965
Design Spectral Response Acceleration at 0.2s Period, S_{DS}	1.534
Design Spectral Response Acceleration at 1s Period, S_{D1}	0.643
Design Peak Ground Acceleration, PGA_M	0.993

1. All were derived from the SEA web page: https://seismicmaps.org/
2. All coefficients in units of g (spectral acceleration)
3. See Appendix D for details of the seismic evaluation.

Table 3B - 2022 CBC Mapped Seismic Parameters – Site Class "D"

Categorization/Coefficients	Code-Based (1) (2)
Site Longitude (decimal degrees) West	-118.1141
Site Latitude (decimal degrees) North	34.0402
Site Class	D (5)
Mapped Spectral Response Acceleration at 0.2s Period, S_s	1.918
Mapped Spectral Response Acceleration at 1s Period, S_1	0.689
Short Period Site Coefficient at 0.2s Period, F_a	1.000
Long Period Site Coefficient at 1s Period, F_v	1.700
Adjusted Spectral Response Acceleration at 0.2s Period, S_{MS}	1.918
Adjusted Spectral Response Acceleration at 1s Period, S_{M1}	1.171 (4)
Design Spectral Response Acceleration at 0.2s Period, S_{DS}	1.279
Design Spectral Response Acceleration at 1s Period, S_{D1}	0.781 (4)
Design Peak Ground Acceleration, PGA_M	0.910

1. All were derived from the SEA web page: https://seismicmaps.org/
2. All coefficients in units of g (spectral acceleration)
3. See Appendix D for details of the seismic evaluation.
4. See Section 11.4.8 of ASCE 7-16. A site-specific ground motion hazard analysis in accordance with Section 21.2. of ASCE 7-16 is required for this site. **Per Supplement 3 to ASCE 7-16, a site-specific ground motion hazard analysis is not required where the value of the parameters SM_1 and SD_1 in the table are increased by 50%.**
5. Site Class D, and all of the resulting parameters in this table, may only be used for structures without seismic isolation or seismic damping systems.

The project structural engineer should review the seismic parameters.

5.4 Slabs-on-Grade

Concrete slabs-on-grade should be designed by the structural engineer in accordance with 2022 CBC requirements for soils with a low expansion potential. More stringent requirements may be required by the structural engineer and/or architect; however, slabs-on-grade should have the following minimum recommended components:

- **Subgrade:** The near-surface clayey soils can be expansive and will shrink and swell with changes in the moisture content. Therefore, floor slabs-on-grade and adjacent concrete flatwork should be underlain by at least 18 inches of relatively non-expansive fill (EI<20). Expansion Index tests performed during this study in the area of the proposed building indicated an EI of 19 ("very low").

Existing soils are anticipated to be relatively non-expansive, however this should be further evaluated during earthwork construction. Accordingly, removal and replacement with non-expansive fill will likely not be required.

Slab-on-grade subgrade soil should be moisture conditioned to or within 3% over optimum moisture content, to a minimum depth of 18 inches within building footprints, and compacted to 92% of the modified proctor (ASTM D 1557) laboratory maximum density prior to placing either a moisture barrier, steel and/or concrete. Onsite soil may be suitable for this use; however additional expansion testing should be performed upon completion of grading to verify expansive properties of onsite soil.

- **Moisture Barrier:** A moisture barrier consisting of at least 15-mil-thick Stego-wrap vapor barriers (see: http://www.stegoindustries.com/products/stego_wrap_vapor_barrier.php), or equivalent, should then be placed below slabs where moisture-sensitive floor coverings or equipment will be placed.

- **Reinforced Concrete**: A conventionally reinforced concrete slab-on-grade with a thickness of at least 5 inches should within the building footprint and 5-inches for exterior slab on grade (SOG) be placed in pedestrian areas without heavy loads. Reinforcing steel should be designed by the structural engineer, but as a minimum should be No. 3 rebar placed at 18 inches on-center, each direction (perpendicularly), mid-depth in the slab.

  Minor cracking of concrete after curing due to expansion, drying and shrinkage is normal and will occur. However, cracking is often aggravated by a high water-to-cement ratio, high concrete temperature at the time of placement, small nominal aggregate size, and rapid moisture loss due to hot, dry, and/or windy weather conditions during placement and curing. Cracking due to temperature and moisture fluctuations can also be expected. The use of low-slump concrete or low water/cement ratios can reduce the potential for shrinkage cracking.

5.4.1 Utilities and Trenches

Where existing pipes cross under footings the footings shall be specifically designed by the engineer in charge. Pipe sleeves shall be provided where pipes cross through footings or footing walls and sleeve clearances shall be designed to account for potential settlement of not less than 1 inch around

the pipe. Alternate and approved clearances can be provided by the design professional in charge of the utility.

5.5 Lateral Earth Pressures

Recommended lateral earth pressures are provided as equivalent fluid unit weights, in psf/ft. or pcf. These values do not contain an appreciable factor of safety, so the structural engineer should apply the applicable factors of safety and/or load factors during design.

On-site soils are likely suitable to be used as retaining wall backfill due to its relatively low expansion potential, field and laboratory verification recommended before use. Should site soil be desired for reuse behind retaining walls, if any, the material should be tested to ensure Expansion potential is less than 30 (EI<30). Recommended lateral earth pressures for retaining walls backfilled with sandy soils with drained conditions are as follows:

Table 4 - Retaining Wall Design Earth Pressures

Retaining Wall Condition (Level Backfill)	Equivalent Fluid Pressure (pounds-per-cubic-foot)*
Active (cantilever)	40
At-Rest (braced)	60
Passive Resistance (compacted fill)	240
Seismic Increment (add to active pressure)	31

*Only for level and drained properly compacted backfill

Walls that are free to rotate or deflect may be designed using active earth pressure. For the basement walls or walls that are fixed against rotation, the at-rest pressure should be used. For seismic condition, the pressure should be distributed as an inverted triangular distribution and the dynamic thrust should be applied at a height of 0.6H above the base of the wall.

Retaining Wall Surcharges: Vertical surcharge loads behind a retaining wall on or in backfill within a 1:1 (horizontal:vertical) plane projection up and out from the retaining wall toe, should be considered as lateral and vertical surcharge. Unrestrained (cantilever) retaining walls should be designed to resist one-third of these surcharge loads applied as a uniform horizontal pressure on the wall. Braced walls should also be designed to resist an additional uniform horizontal-pressure equivalent to one-half of uniform vertical surcharge loads.

In areas where autos and pickup trucks will drive we suggest assuming a uniform vertical surcharge of 300 psf, which would result in active and at-rest horizontal surcharges of 100 psf and 150 psf, respectively. This should be doubled in areas of heavy construction traffic (such as concrete trucks, heavy equipment delivery-trucks, etc.). If crane outrigger loads or other point load sources are applied as wall surcharge, this will require additional analyses based on load source and location relative to the wall.

5.5.1 Sliding and Overturning Total depth of retained earth for design of walls and for uplift resistance, should be measured as the vertical height of the stem below the ground surface at the wall face for stem design, or measured at the heel of the footing for overturning and sliding. A soil unit weight of 120 pcf may be assumed for calculating the actual weight of the soil over the wall footing, if drained, or 60 pcf if submerged, for properly compacted backfill.

5.5.2 Drainage

Adequate drainage may be provided by a subdrain system positioned behind the walls. Typically, this system consists of a 4-inch minimum diameter perforated pipe placed near the base of the wall (perforations placed downward). The pipe should be bedded and backfilled with pervious backfill material described in Section 300-3.5.2 of the Standard Specifications for Public Works Construction (Green Book), Current Edition. This pervious backfill should extend at least 2 feet out from the wall and to within 2 feet of the outside finished grade. This pervious backfill and pipe should be wrapped in filter fabric, such as Mirafi 140N or equivalent, placed as described in Section 300-8.1 of the Standard Specifications for Public Works Construction (Green Book). The subdrain outlet should be connected to a free-draining outlet or sump.

Miradrain, Geotech Drainage Panels, or Enkadrain drainage geocomposites, or similar, may be used for wall drainage as an alternative to the Class 2 Permeable Material or drain rock backfill, particularly where horizontal space is limited adjacent to shoring (where walls are cast against shoring). These drainage panels should be connected to the perforated drainpipe at the base of the wall.

5.6 Soil-Nail Retaining Walls

Retaining walls with heights of up to 21 feet are currently proposed on the northern and northeastern portions of the site. Based on the design cut to reach proposed grades, we assume that the retaining wall system would be constructed with soil-nails. Proposed walls include an approximate 1.5H:1V to 2H:1V slope above the wall, extending to the property line.

Soil nail wall systems are advantageous in that they can be constructed in a top-down manner, considering the need for cuts into the existing slope. Based on Caltrans geotechnical manual guidelines, a minimum soil nail length of 15 feet was considered.

Preliminary analysis of global stability using limit equilibrium (i.e. slope stability) techniques was performed on three sections (Section B, D, and E) of the proposed retaining wall. The resultant soil nail lengths to achieve acceptable factors of safety range from approximately 29 to 39 feet (approximately 1.6 to 2.1 times the height of the wall). Our global stability analyses are summarized below.

Table 5 – Soil Nail Wall Global Stability Summary

Section	Wall Height (ft)	Soil Nail Rows	Soil Nail Length	Factor of Safety	
				Static	Pseudo Static
B-B	21	5	39 (top two rows) 35 (remaining)	1.54	1.19
D-D	18	4	34 (top two rows) 29 (remaining)	1.58	1.19
E-E	15	3	32	1.53	1.10

Soil nails were located a minimum of 2.5 feet below the top of wall. Global stability analysis for the proposed retaining wall are included in Appendix D. The following sections include design recommendations for the proposed retaining wall.

5.6.1 Soil Nail Wall Configuration

Based upon the materials that are anticipated to be exposed during cutting and wall construction, the maximum vertical cut performed during nail installation is recommended to be 5 feet. The minimum horizontal spacing of the soils nails is recommended to be 4 feet but should not exceed 5 feet. The rows of soil nails are recommended to be installed 2½ feet from the top

of wall, and 2 to 3 feet from the bottom. In addition, nails are recommended to be located no closer than 2½ feet from the ends of the wall. For wall sections under 4.5 feet in height from top of bottom of wall, soil-nails should be centered in the soil cut face. The minimum soil nail length is recommended to be 15 feet. Table 5 provides the minimum soil nail lengths for the wall heights and configurations modeled in order to achieve acceptable global stability factors of safety.

Per Caltrans geotechnical manual guidelines, we recommend that the soil nail reinforcement be composed of No. 8 Grade 75 steel bars.

5.6.2 Pullout Resistance

Pullout resistance used in design depends upon the material in which the nails will be embedded and the manner in which nail construction will be performed. Inclined soil nails constructed by typical gravity flow of grout placement may be analyzed using an assumed design ultimate bond stress of 900 lbs/ft in the encountered fill and 1,100 lbs/ft within granular Fernado Formation bedrock. Bond stress values were derived based on general parameters and soil types shown on Table 4.4 of FHWA guidance documents (FHWA, 2015).

5.6.3 Bearing Capacity and Sliding Resistance

Bearing capacity is not anticipated to be a significant design consideration for the proposed soil nail walls. Evaluation of bearing capacity as part of wall design may be based upon an allowable bearing resistance of 1,000 psf.

Resistance to sliding should be evaluated solely on the sliding resistance of the bearing soils. The coefficient of sliding friction for use in design is recommended to be 0.35.

5.6.4 Wall Drainage

Design of the wall is based upon the presumption of drained soil conditions behind the wall and no additional load demand from the accumulation of water behind the wall. Therefore, an appropriate permanent drainage systems will be required that includes proper connection to a conveyance system to properly discharge water to the storm drain or other device.

The top-down manner in which the wall will be constructed requires the installation of the drainage system during construction of each section of wall as construction proceeds. A drainage system consisting of a geo-composite (e.g., drainboard) is expected to be a feasible alternative.

Vertical drainage panels can be installed as strips between rows of soil nails. The drainage panels should be connected at the base of the wall and outlet to a collective drainage system or to weepholes near the base of the wall. Panel drains should be terminated near the top of the wall and should not be exposed above the top of wall.

5.6.5 Excavation Stability

Field testing may be required to demonstrate the stability of excavation lift height and exposure duration in areas where the maximum lift height exceeds 5 feet or an exposure duration longer than one (1) work shift. When stability testing is not performed, shotcrete should be applied during the same work shift in which excavation has occurred. Completion of the shotcrete facing may be delayed up to 24 hours if the contractor demonstrates that the integrity of the excavated face is maintained.

Stability tests should be conducted by performing staged excavation to produce a neat excavated face no more than 5 feet in front of the location of the final wall face. The height of the excavated face should be as specified in the approved working drawings. The excavated face should be 20 feet long and parallel to the wall alignment. The excavated face should have a constant height within the 20-foot section. Ramps may be excavated outside the 20-foot section to provide construction access. The excavated face should be left open for the duration specified in the approved working drawings.

The excavated face must maintain its integrity without raveling, sloughing, or measurable lateral movement at the completion of the stability test. After written approval by the Engineer, the proposed excavation height may be used in that wall zone as the stand-up height of the excavated face for the duration observed in the stability test.

If at any time the exposed excavated face fails to maintain its integrity without raveling, sloughing, or measurable lateral movement for the duration of time observed in the approved stabilization test, the contractor

should immediately stabilize the excavated face and perform additional stability testing as described herein.

5.6.6 Load Testing

Verification and proof testing should be performed on soil nails to verify pullout capacity and bond strength of the soil-nail interface. Tests should be performed during installation in accordance with FHWA guidelines. FHWA recommends proof testing on at least 5 percent of production soil nails in each nail row, and a minimum of one per row.

5.6.7 Corrosion Protection

The results of corrosivity testing performed on representative samples of the material encountered at the boring locations indicates a moderate potential exists for corrosion to occur. The cement grout used to secure the nails in the boreholes will provide both physical and chemical corrosion protection. In addition, the bars are recommended to be epoxy coated and encapsulated with a corrugated plastic sheathing. The grout that fills the annular area around the steel bar should be low in permeability and provide a minimum 1-inch cover.

5.7 Pavement Design

To provide support for paving, the subgrade soils should be prepared as recommended in Section 5.1, Grading. Compaction of the subgrade, including trench backfills, to at least 92 and 95 percent as recommended relative compaction based on ASTM Test Method D 1557 and achieving a firm, hard and unyielding surface will be important for paving support. The upper 12-inches of pavement subgrade should be compacted to 95% relative compaction. The preparation of the paving area subgrade should be performed immediately prior to placement of the base course. Proper drainage of the paved areas should be provided since this will reduce moisture infiltration into the subgrade and increase the life of the paving.

All pavement construction should be performed in accordance with the Standard Specifications for Public Works Construction or Caltrans Specifications. Field observations and periodic testing, as needed during placement of the base course materials, should be undertaken to ensure that the requirements of the standard specifications are fulfilled.

5.7.1 Base Course

The base course for both asphalt concrete and Portland Cement Concrete paving should meet the specifications for Class 2 Aggregate Base as defined in Section 26 of the latest edition of the State of California, Department of Transportation, and Standard Specifications. Alternatively, the base course could meet the specifications for untreated base as defined in Section 200-2 of the latest edition of *Standard Specifications for Public Works Construction* (Greenbook). Crushed Miscellaneous Base (CMB) may be used for the base course provided the geotechnical consultant evaluates and tests it before delivery to the site as CMB tends to result in a thicker support section than crushed aggregate base.

5.7.2 Asphalt Concrete

The required asphalt paving and base thicknesses will depend on the expected wheel loads and volume of traffic (Traffic Index or TI). Onsite near-surface soils consisted of clayey/silty sands and sandy clay. Laboratory testing performed on a near-surface clayey bulk sample yielded an R-Value of 18. Assuming that the paving subgrade will consist of similar soils compacted to at least 92 percent relative compaction based on ASTM Test Method D 1557 below 12-inches and 95% relative compaction in the upper 12-inches, the minimum recommended paving thicknesses are presented in the following table:

Area	Traffic Index	Asphalt Concrete (inches)	Base Course (inches)
Light Truck	5	3.0	7.5
Heavy Truck	6	3.5	10.0
Main Drives	7	4.0	12.5

The asphalt paving sections were determined using the 2017 Caltrans design method using assumed Traffic Index values. We can determine the recommended paving and base course thicknesses for other Traffic Indices if required. Careful inspection is recommended to verify that the recommended thicknesses or greater are achieved, and that proper construction procedures are followed.

5.7.3 Portland Cement Concrete Paving

For onsite Portland Cement Concrete (PCC) pavement in truck drive aisles and parking areas, we recommend a minimum of 6.5-inch-thick concrete with dowels at joints, placed on compacted fill subgrade, with the upper 8 inches compacted to a minimum of 95 percent relative compaction. In areas with car traffic only, we recommend a minimum of 5-inch-thick concrete, placed on compacted fill subgrade with the upper 8 inches compacted to a minimum of 95 percent relative compaction.

The PCC pavement sections should be provided with crack-control joints spaced no more than 14 feet on center each way for 6.5-inch-thick concrete, and 12 feet for 5-inch-thick concrete. If sawcuts are used, they should have a minimum depth of ¼ of the slab thickness and made within 24 hours of concrete placement.

5.8 Geotechnical Services During Construction

Our geotechnical recommendations are contingent upon Leighton Consulting, Inc., providing geotechnical observation and testing services during earthwork and foundation construction. There is a potential for encountering deeper fill, underground obstructions or otherwise unacceptable existing soils between or beyond our boring locations. We are unaware of any existing fill placement documentation for the engineered fill placed in 1971 for this site. Therefore, inconsistent existing fill materials may be encountered in the canyon backfill during construction, possibly requiring revised geotechnical recommendations.

Our geotechnical recommendations provided in this report are based on information available at the time the report was prepared and may change as plans are developed. Additional geotechnical exploration, testing and/or analysis may be required based on final plans. Leighton Consulting, Inc. should review site grading and foundation plans when available, to comment further on geotechnical aspects of this project and check to see general conformance of final project plans to recommendations presented in this report.

Leighton Consulting, Inc. should be retained to provide geotechnical observation and testing during excavation and all phases of earthwork. Our conclusions and recommendations should be reviewed and verified by us during construction and revised accordingly if geotechnical conditions encountered vary from our findings and interpretations. Geotechnical observation and testing should be provided:

- During all excavation,
- During compaction of all fill materials,
- After excavation of all footings and prior to placement of concrete,
- During utility trench backfilling and compaction,
- During pavement subgrade and base preparation, and/or
- If and when any unusual geotechnical conditions are encountered.

6.0 LIMITATIONS

Leighton's work was performed using the degree of care and skill ordinarily exercised, under similar circumstances, by reputable geotechnical consultants practicing in this or similar localities. No other warranty, express or implied, is made as to the conclusions and professional opinions included in this report. As in many projects, conditions revealed in excavations may be at variance with our current findings. If this occurs, the changed conditions must be evaluated by the geotechnical consultant and additional recommendations be obtained, as warranted.

The identification and testing of hazardous, toxic or contaminated materials were outside the scope of Leighton's work. Should such materials be encountered at any time, or their existence is suspected, all measures stipulated in local, county, state and federal regulations, as applicable, should be implemented.

This report is issued with the understanding that it is the responsibility of the owner or a duly authorized agent acting on behalf of the owner, to ensure that the information and recommendations contained herein are brought to the attention of the necessary design consultants for the project and incorporated into the plans; and that the necessary steps are taken to see that the contracts carry out such recommendations in the field.

The findings of this report are considered valid as of the present date. However, changes in the condition of a property can occur with the passage of time, whether due to natural processes or the work of man on the subject or adjacent properties. In addition, changes in standards of practice may occur from legislation or the broadening of knowledge. Accordingly, the findings of this report may at some future time be invalidated wholly or partially by changes outside Leighton's control.

The conclusions and recommendations in this report are based in part upon data that were obtained from a necessarily limited number of observations, site visits, excavations, samples and testes. Such information can be obtained only with respect to the specific locations explored, and therefore may not completely define all subsurface conditions throughout the site. The nature of many sites is that differing geotechnical and/or geological conditions can occur within small distances and under varying climatic conditions. Furthermore, changes in subsurface conditions can and do occur over time. Therefore, the findings, conclusions, and recommendations presented in this report should be considered preliminary if unanticipated conditions are encountered and additional explorations, testing and analyses may be necessary to develop alternative recommendations.

This report has been prepared for the express use of SDCF Monterey Park, LLC and its design consultants, and only as related expressly to the assessment of the geotechnical constraints of developing the subject site and for construction purposes. This report may not be used by others or for other projects without the express written consent of SDCF Monterey Park, LLC and our firm.

If parties other than Leighton are engaged to provide construction geotechnical services, they must be notified that they will be required to assume complete responsibility for the geotechnical phase of the project by concurring with the findings and recommendations in this report or by providing alternative recommendations. Any persons using this report for bidding or construction purposes should perform such independent investigations as they deem necessary to satisfy themselves as to the surface and/or subsurface conditions to be encountered and the procedures to be used in the performance of work on the subject site.

7.0 REFERENCES

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FIGURES AND PLATES



Project: 19850	Eng/Geol: JAR
Scale: 1 " = 2,000 '	Date: December 2023

Reference: © 2023 Microsoft Corporation © 2023 Maxar ©CNES (2023) Distribution Airbus DS ©

SITE LOCATION MAP

Proposed Data Center Facility
1977 Saturn Street
Monterey Park, California

FIGURE 1

Leighton

Map Saved as Z:\Project Files\SA-TZ\SDCFMONT\19850 - 1977 Saturn Monterey Park\Verdantas Folder Structure\GIS\Maps\19850_F01_SLM_2023-12-07.mxd on 12/7/2023 11:14:46 AM Author: KVM (btran)

Legend

LB-5	Approximate Location of Hollow-Stem Auger Boring Showing Total Depth (T.D.), Depth to Earth Units, and Groundwater in Feet Below Ground Surface.
LB-1-2015	Approximate Location of Hollow Stem Auger Boring (Leighton, 2015)
T-17	Approximate Location of Exploratory Test Trenches (Leighton, 1977)
Afe	Afe 1978 - Leighton
Afe	Afe 1971 - Donald R. Warren Company
Qa	Quaternary Alluvial Deposits
Tfsc	Fernando Formation, cg, ss, slt
	Approximate Site Boundary

LB-5
T.D.10.88'
No G.W.
Afe@0-1.13'
Tfsc@1.13'

LB-4
T.D.11.5'
No G.W.
Afe@0-3'
Tfsc@3'

LB-3
T.D.16.5'
No G.W.
Afe@0-9'
Tfsc@9'

LB-1
T.D.31.5'
No G.W.
Afe@0-16.5'
Tfsc@16.5'

LB-2
T.D.36.5'
No G.W.
Afe 1971-78@0-11.25'
Qa@11.25-25'
Tfsc@25'

LB-1-2015
T.D.35.7'

T-1 T-2 T-3 T-4 T-5 T-17

NEW SUB STATION
[PREFERRED LOCATION]

NEW SUB STATION
[ALT LOCATION (A)]

NEW SUB STATION
[ALT LOCATION (B)]

NEW 1 STORY DATA
CENTER BUILDING
±201,600 SF

EQUIPMENT YARD

CLOVER WAY
E Clover Dr
ORANGE AVE
S Orange Ave
SATURN STREET
56'-0" WIDE ROAD
72'-0" PUBLIC RIGHT OF WAY
Saturn St
Red Plum Circle
40'-0" WIDE ROAD
60'-0" PUBLIC RIGHT OF WAY
70'-0" RESIDENTIAL SETBACK
6' TALL SECURITY FENCE
+ 3'-0" ZONED LANDSCAPE SHRUBS
6'-0" WIDE POLE LINES
EXISTING CHAIN LINK FENCE
CHAIN LINK FENCE
PROPERTY LINE
PARCEL LINE
WOODED GRASS AREA
GRASS AREA
26'-0" FIRE LANE
SECURITY FENCE
NEW ACCESS DRIVE
15'-0" LANDSC

N

0 100 200
Feet

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Project: 19850	Eng/Geol: JAR
Scale: 1 " = 100 '	Date: February 2024
Base Map: As Shown	
Author: (btran)	

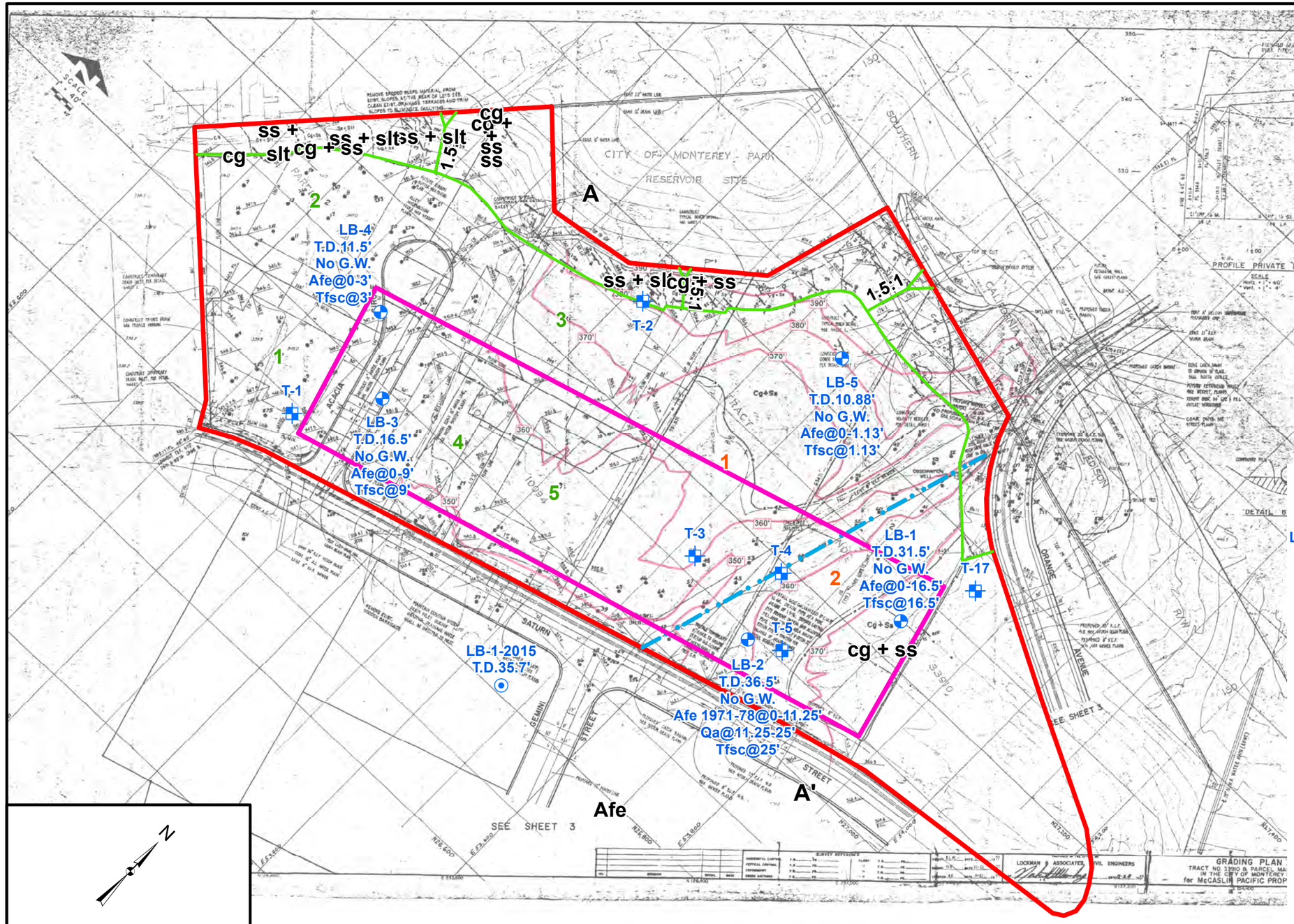
BORING LOCATION MAP

Proposed Data Center Facility
1977 Saturn Street
Monterey Park, California

FIGURE 2A

Leighton

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LB-5 — Approximate Location of Hollow-Stem Auger Boring Showing Total Depth (T.D.), Depth to Earth Units, and Groundwater in Feet Below Ground Surface.

LB-1-2015 — Approximate Location of Hollow Stem Auger Boring (Leighton, 2015)

T-17 — Approximate Location of Exploratory Test Trenches (Leighton, 1977)

Afe — Afe-1978: Engineer Fill (Leighton, 1978)
Afe-1971: Engineer Fill (Donald R. Warren 1971)

Qa — Quaternary Alluvial Deposits

Tfsc — Fernando Formation, cg, ss, slt

Existing subdrain

Toe of slope and limit of buttress key

Proposed Building Footprint

1-5 — Parcels 1 thru 5 of Parcel Map 10094

1-2 — Lots 1 and 2 of Tract 33910

370' — Pre-Existing Topography

Approximate Site Boundary

0 150 300
Feet

Project: 19850	Eng/Geol: JAR
Scale: 1 " = 150 '	Date: February 2024

Base Map: Grading Plan, Sheet 2 of 3
Dated: 1978 by Lockman & Associates, Civil Engineers

Author: (btran)

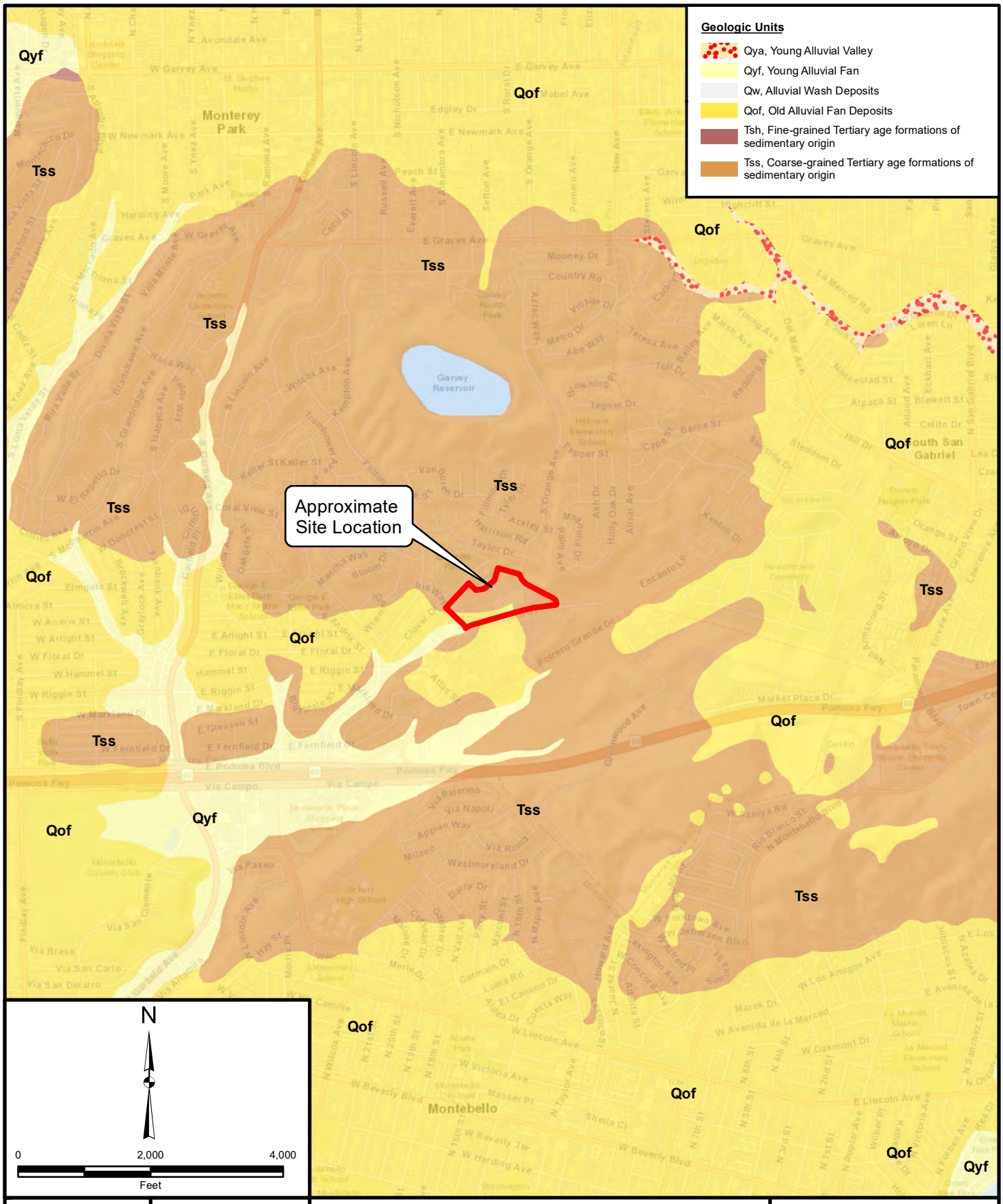
REMEDIAL GRADING MAP (1978)

Proposed Data Center Facility
1977 Saturn Street
Monterey Park, California

FIGURE 2B

Leighton

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Reference: Southern California USGS Geology in GIS Format served by California Geological Survey, 2018.

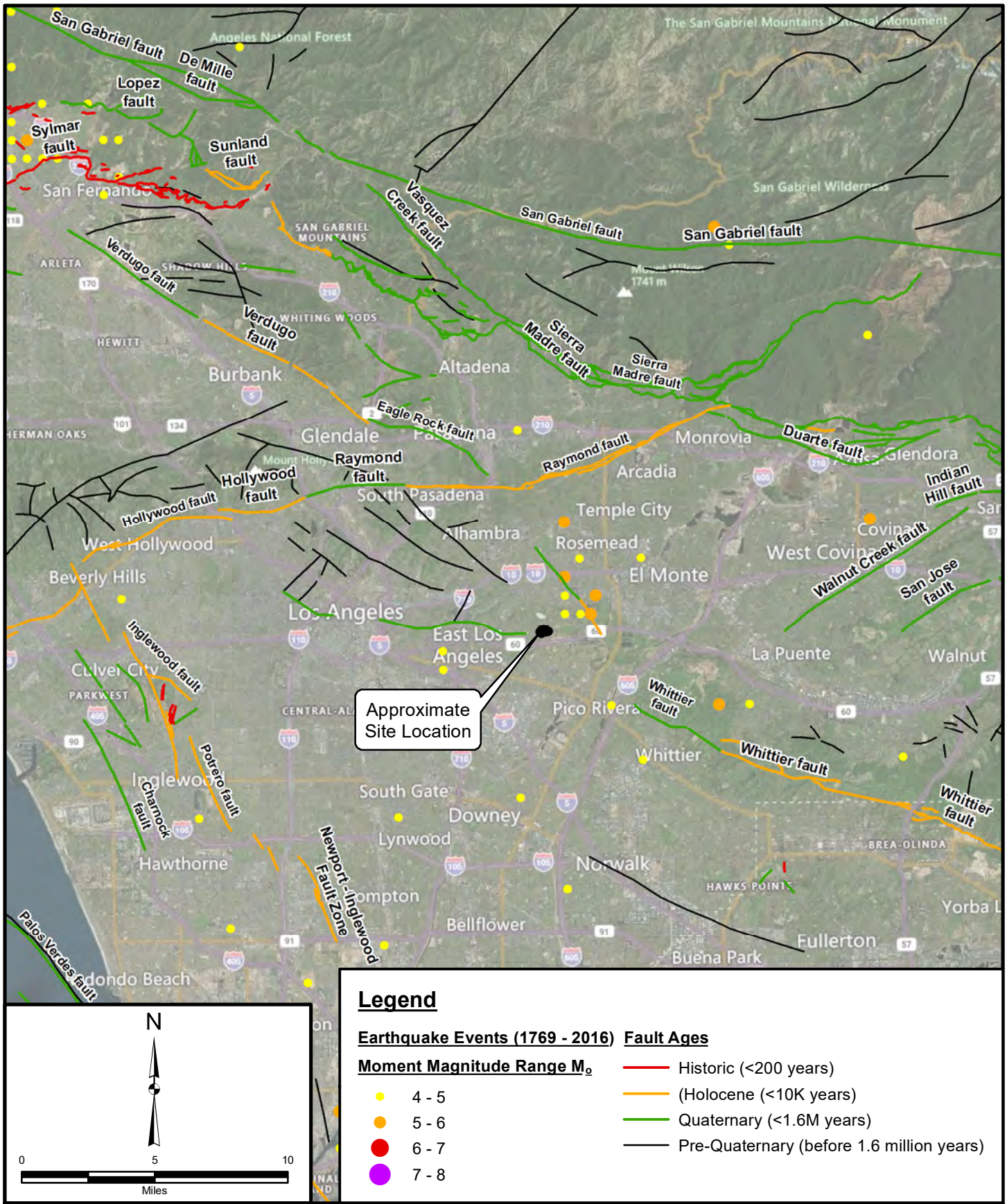
REGIONAL GEOLOGY MAP

Proposed Data Center Facility
1977 Saturn Street
Monterey Park, California

FIGURE 3

Leighton

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Legend

Earthquake Events (1769 - 2016)

Moment Magnitude Range M_o

- 4 - 5
- 5 - 6
- 6 - 7
- 7 - 8

Fault Ages

- Historic (<200 years)
- (Holocene (<10K years)
- Quaternary (<1.6M years)
- Pre-Quaternary (before 1.6 million years)

Project: 19850	Eng/Geol: JAR
Scale: 1 " = 5 miles	Date: December 2023

Reference: ESRI ArcGIS Online 2023
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Author: Leighton Geomatics (btran)

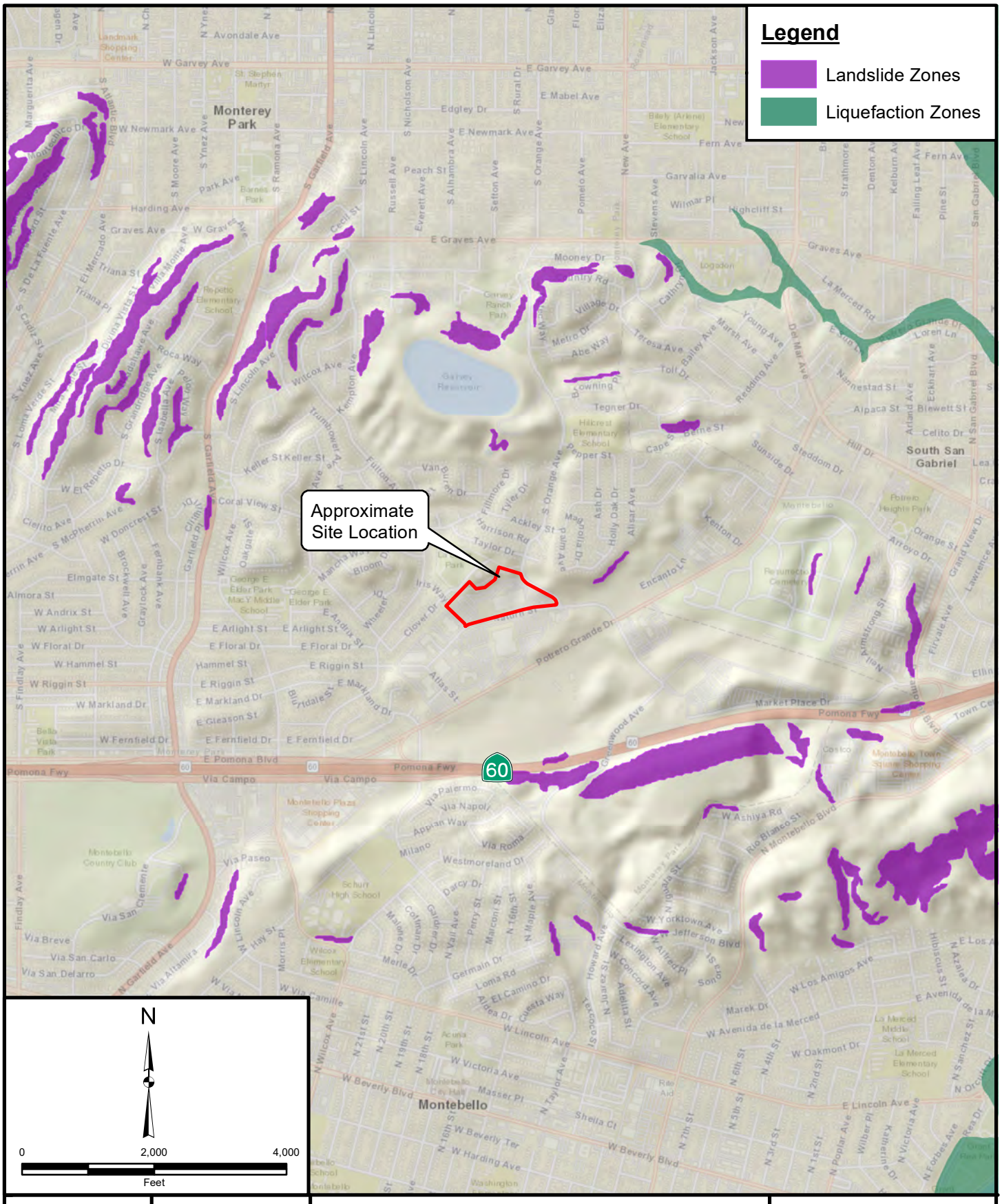
REGIONAL FAULT AND HISTORICAL SEISMICITY MAP

Proposed Data Center Facility
1977 Saturn Street
Monterey Park, California

FIGURE 4

Leighton

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Project: 19850	Eng/Geol: JAR
Scale: 1 " = 2,000 '	Date: December 2023

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

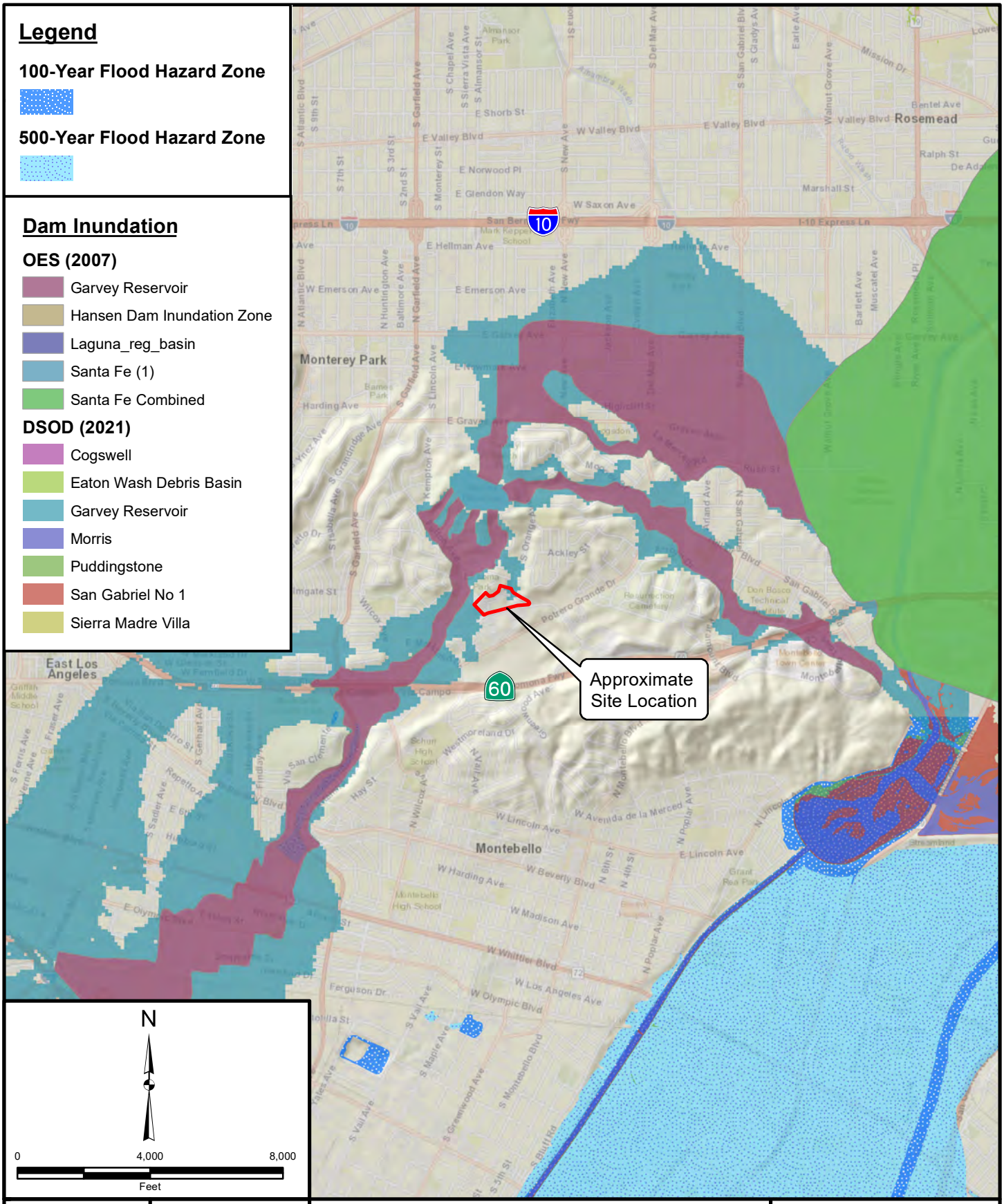
SEISMIC HAZARD MAP

Proposed Data Center Facility
1977 Saturn Street
Monterey Park, California

FIGURE 5

Leighton

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Project: 19850	Eng/Geol: JAR
Scale: 1 " = 4,000 '	Date: December 2023

Reference: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
FEMA (http://www.fema.gov/index.shtm), DWR (http://www.dwr.ca.gov)

FLOOD HAZARD AND DAM INUNDATION MAP

Proposed Data Center Facility
1977 Saturn Street
Monterey Park, California

FIGURE 6

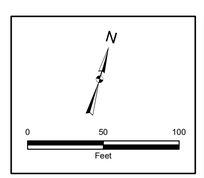
Leighton

Map Saved as Z:\Project Files\SA-TZ\SDCFMONT\19850 - 1977 Saturn Monterey Park\Verdantas Folder Structure\GIS\Maps\19850_F06_FH&DIM_2023-12-07.mxd on 12/7/2023 11:37:42 AM Author: KVM (btran)

LEGEND

- **LB-5** — Approximate Location of Hollow-Stem Auger Boring Showing Total Depth (T.D.), Depth to Earth Units, and Groundwater in Feet Below Ground Surface.
- **LB-1-2015** — Approximate Location of Hollow Stem Auger Boring (Leighton, 2015)
- **T-17** — Approximate Location of Exploratory Test Trenches (Leighton, 1977)
- **Tfsc** — cg - conglomerate; ss - sandstone; slt - siltstone
- **Toe EL.347±** — Approximate toe of 1.5:1 (horizontal:vertical). Slope with toe of slope elevations in 1978. Elevations shown as approximate. See sheet 2 of 3 in Appendix A. (Leighton, 1978)
- **C / F** — Approximate location of cut/fill line from As Graded Geotechnical Map in Leighton and Associates (1978). Queried where uncertain.
- **C — C'** — Geologic cross sections (see Plate 2) for interpretations.

EXISTING WATER TANKS
EXISTING RESIDENTIAL
APPROXIMATE LIMIT OF TREE CANOPY
EX FENCE TO REMAIN
EXISTING COMMERCIAL/INDUSTRIAL
EXISTING OPEN SPACE
EX WALL TO REMAIN
FINISHED FLOOR 359.00
SATURN ST
CL S ORANGE AVE
R/W
PL
LB-5 T.D.10.88' No G.W. Afe@0-1.13' Tfsc@1.13'
LB-4 T.D.11.5' No G.W. Afe@0-3' Tfsc@3'
LB-3 T.D.16.5' No G.W. Afe@0-9' Tfsc@9'
LB-2 T.D.36.5' No G.W. Afe 1971-78@0-11.25' Qa@11.25-25' Tfsc@25'
LB-1 T.D.31.5' No G.W. Afe@0-16.5' Tfsc@16.5'
LB-1-2015 T.D.35.7'
T-1 T-2 T-3 T-4 T-5 T-17
A A' B B' C C'
Afe



GEOTECHNICAL MAP

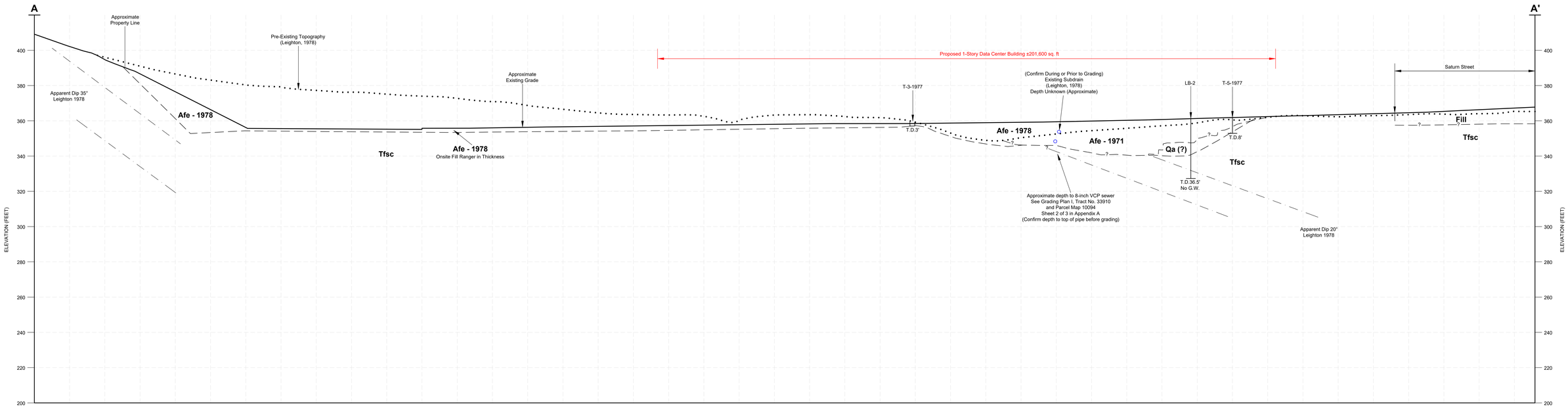
Proposed Data Center Facility
1977 Saturn Street
Monterey Park, California

Leighton

PLATE 1
Scale: 1 " = 50 feet
Date: February 2024
Proj: 19850
Eng/Geol: JAR

Base Map: Conceptual Grading Plan, Sheet C1.0 by Gensler (Landscape Architecture)

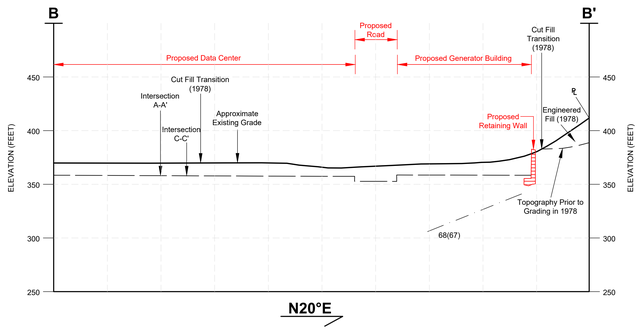
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Afe-1978 - Leighton and Associates Inc., November 16, 1978,
Geotechnical Report of Rough Grading Tract 33910 and Parcel 10094. City of Monterey Park, California

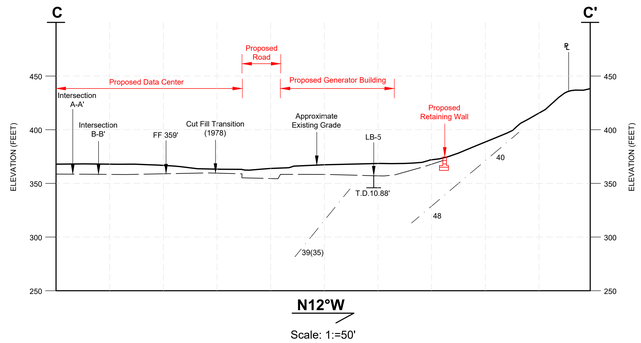
Afe - 1971 - Donald R. Warren Company, September 2, 1971, Final Report on Compaction Tract 31125, Lots 1 Thru 7
and Offsites, Portrero Grande and Saturn Streets, Monterey Park, California

Scale: 1:=20'



N20°E

Scale: 1:=50'



N12°W

Scale: 1:=50'

SEE PLATE 1 FOR CROSS SECTION LOCATIONS

GEOTECHNICAL CROSS SECTIONS A-A', B-B' AND C-C' Proposed Data Center Facility 1977 Saturn Street Monterey Park, California	**PLATE 2**
	Scale: As Shown
	Date: January 2024
Leighton	Proj: 19850
	Eng/Geol: JAR

F:\PROJECT FILES\GA-TZ\SOCHEAT\19850 - 1977 SATURN MONTEREY PARK\VERSANT\03 FOLDER STRUCTURE\CAD\SHEETS AND PLANS\19850_PS2_CS_2024-01-30.DWG (01-30-24 12:45:43PM) Plotted by: driver

APPENDIX A

REPORT OF ROUGH GRADING

1978-11-16 770408.002 GEO REPT OF
ROUGH GRDING, TR 33910

LEIGHTON and ASSOCIATES
INCORPORATED
SOIL ENGINEERING TESTING GEOLOGY ENVIRONMENTAL SCIENCES

IRVINE
OFFICE COPY

November 16, 1978

Project No. 277408-02

TO: McCaslin Pacific Properties
701 West Foothill Boulevard
Arcadia, California 91006

ATTENTION: Mr. Mark McCaslin

SUBJECT: Geotechnical Report of Rough Grading,
Tract 33910 and Parcel Map 10094,
City of Monterey Park, California

Introduction

In accordance with your authorization of July 14, 1978, we have provided the required geotechnical inspection, testing and mapping during rough grading of the subject areas.

Our services were performed in conformance with the City of Monterey Park requirements.

The purpose of this report is to summarize the geotechnical conditions of the area and to present our recommendations for future construction.

The 40-scale Grading Plan (Sheets 2 and 3 of 3) prepared by Lockman and Associates served as the base for the accompanying As-Graded Geotechnical Map.

Accompanying Map and Appendices

As-Graded Geotechnical Map (40-scale) - In Pocket
Appendix A - Preliminary Foundation Recommendations
Appendix B - Laboratory Test Data
Appendix C - Summary of Field Density Tests
Appendix D - Geotechnical Reports Referenced

Summary of Grading

Rough grading commenced on July 10, 1978 and was completed on October 5, 1978.

Site Preparation

Trash and heavy brush were removed from the site prior to grading. An average depth of 3 feet of unsuitable material was removed prior to fill placement from the drainage area located between Lots 2 and 11.

Fill Placement

Fill materials were spread in level lifts approximately 8 inches in thickness. Moisture was added as necessary by a water truck and the fill materials were mixed to a uniform moisture. Compaction of each lift was then completed through the use of double 5x5 sheepsfoot compactors and self-powered compaction equipment in advance of further fill placement. Fill slopes were either backrolled with a sheepsfoot roller at 4-foot vertical intervals or overfilled and cut back to expose the compacted inner core.

Repair of Previously Existing Slopes

The slopes to the rear of Parcels 2 and 3 of Parcel Map 10094 were repaired as recommended in our report of December 21, 1977 (Referenced Report 2 of Appendix D).

Inspection and Testing

Soil engineering inspection and testing of grading operations was performed full time. Geologic inspection and mapping was conducted periodically as necessary. The standard used for the minimum compaction requirement was 90 percent of ASTM Test Method D1557-70. Field density tests were taken by the Sand Cone Method (ASTM Test Method D1556-64) and the Drive Cylinder Method (ASTM Test Method D2937-71). The approximate locations of tests taken are shown on the accompanying As-Graded Geotechnical Map. Summary sheets of the density tests taken on the project are submitted as Appendix C. Soil types with maximum density and optimum moisture percentage are presented as Appendix C.

Expansion Index Tests (UBC Standard 29-2) were performed on typical materials from the pad areas and low expansion was exhibited in these areas. All lots were sampled and soils were compared texturally to determine in which expansion category they were to be placed.

Summary of Geologic Conditions

The earth materials exposed during grading operations consisted of sedimentary bedrock consisting of sandstone, siltstone and conglomerate.

No landslides or major faulting were exposed by the grading operations.

Adversely-oriented bedding required buttresses to be constructed for support of the cut slopes located southeast of Lots 6 and 10, Tract 33910. The approximate location of the buttress keys and subdrains are shown on the accompanying map.

Four 2 to 3-inch thick clay beds are exposed in portions of Lots 2, 3, 10 and 11 of Tract 33910 as shown on the accompanying map.

Subdrains

The subdrain which was reported to have been installed under the existing fill of the tract north of Lot 2, Tract 33910 could not be located with extensive backhoe probes. An observation well was provided. The approximate location of this well is shown on the accompanying map.

Subdrains were constructed in the buttress fills and are shown on the accompanying map.

Groundwater

Seepages were encountered during excavation of the cut slope to the rear of Lot 1, Tract 33910 and Parcel 3 of Parcel Map 10094, along the property line of Lots 2 and 3, Tract 33910 and in the northeast end of the buttress excavation, Lot 6, Tract 33910.

The seepages in the cut slope have essentially dried up with two minor wet areas remaining as shown on the accompanying map.

It is anticipated that the seepages on the property line of Lots 2 and 3 of Tract 33910 will dry and present no further problems. However, these areas should receive additional evaluation if building foundations or pavement are planned over the moist areas.

The buttress subdrain was extended to drain the seep exposed by the buttress excavation to the rear of Lot 6.

CONCLUSION AND RECOMMENDATIONS

Conclusion

Rough grading was accomplished in a workmanlike manner, in accordance with the requirements of the City of Monterey Park and our recommendations.

Recommendations

1. Foundation recommendations presented in Appendix A are necessarily tentative and preliminary as building layouts, types of construction and building locations are unknown. When these parameters are determined, they should be reviewed by the soil engineer for final foundation recommendations.

   Special foundation requirements may be necessary where foundations cross clay beds or are founded upon both cut and fill.

2. Slopes, both cut and fill, should perform satisfactorily when properly planted and maintained. Positive surface drainage away from the tops of slopes should be maintained.

3. Utility trench backfill should be placed as presented in Referenced Report 1 of Appendix D.

4. Pavement Sections

   Two representative samples were tested for their "R"-Value (Appendix B). In general, the clayey sand with traces of gravel material on the site yield moderate "R"-Values (34 to 37).

   Recommended street, driveway and parking lot sections are 3 inches AC on 4 inches of aggregate base.

   Sections at driveway entrances and service areas with frequent truck traffic should be increased by 2 to 3 inches of additional aggregate base.

   Prior to placement of base, the upper 8 inches of subgrade in bedrock areas must be thoroughly scarified or excavated and recompacted to minimize differential effects of the bedded materials. This subgrade should be moisture conditioned and then compacted to a minimum of 90 percent relative compaction.

5. Observation well should be monitored through one storm season to detect potential presence of free water. Results of the monitoring will determine future disposition of the well. A more permanent cover should be installed on the well to enable the monitoring and maintain security.

6. Construction should be inspected at the following stages by the soil engineer:

   A. After preparation of building plans.

   B. After excavation of foundation trenches.

   C. During backfilling of deep construction. Prior to paving or other construction over shallow backfill.

   D. After compaction of street subgrade and base.

   E. When any unusual conditions are encountered during construction.

Respectfully submitted,

David A. Adams
Project Geologist

Donald E. Brockway
RCE 13552

Steven R. McCollum
Engineering Geologist EG 984

/mp

Distribution: (5) Addressee

(2) Lockman and Associates
Attention: Mr. Norbert W. Weinberg

APPENDIX A

APPENDIX A

PRELIMINARY FOUNDATION RECOMMENDATIONS

1. Footing Type

   Shallow square or continuous-type footings are suitable for support of light to medium construction.

2. Footing Embedment Minimum

   One-story or equivalent construction - 12 inches
   Two-story or equivalent construction - 18 inches
   Interior Footing (with minimum
   4-inch slab around footing) - 12 inches
   Exterior Column Footing - 18 inches

3. Minimum Reinforcing of Continuous-Type Footings*

   One No. 4 bar in both top and bottom.

   *Structural consideration may require additional reinforcing.

4. Maximum Allowable Soil Bearing Pressure*

   12-inch minimum embedment - 1500 psf
   18-inch minimum embedment - 2000 psf

   *Increases in bearing pressure may be permissible for extra embedment or footing on bedrock.

5. Slab Thickness Minimum

   4 inches. Additional thickness may be necessary due to special structural considerations.

6. Minimum Slab Reinforcing

   6x6-10/10 WWF carefully placed at the center of the slab thickness. Additional reinforcing may be necessary due to special structural considerations.

APPENDIX B

MAXIMUM DENSITY TEST RESULTS

SOIL TYPE OR LOCATION	SOIL DESCRIPTION	OPTIMUM MOISTURE(%)	MAXIMUM DRY DENSITY(PCF)
1	Silty Sand with Trace of Gravel	8	129
2	Clayey Sandy Silt with Trace of Gravel	10	125

EXPANSION INDEX TEST RESULTS

SAMPLE LOCATION	INITIAL MOISTURE (%)	COMPACTED DRY DENSITY (PCF)	FINAL MOISTURE(%)	VOLUMETRIC SWELL(%)	EXPANSION INDEX	EXPANSIVE CLASSIFICATION
Lots 1, 4 & 5 (Acacia Circle)	9.3	112.3	16.3	1.20	12.0	Very Low
Lots 2 & 3 (Acacia Circle)	11.4	104.0	22.8	3.10	31.0	Low
Lots 1, 6-8 & 11	11.2	104.4	20.2	.07	7.0	Very Low
Lots 2, 3, 9, 12 & 14	11.0	107.0	23.4	4.30	43.0	Low
Lot 4		Not Applicable (Part of Nursery)				Medium
Lots 5 & 10	18.4	85.5	38.2	6.50	65.0	Medium

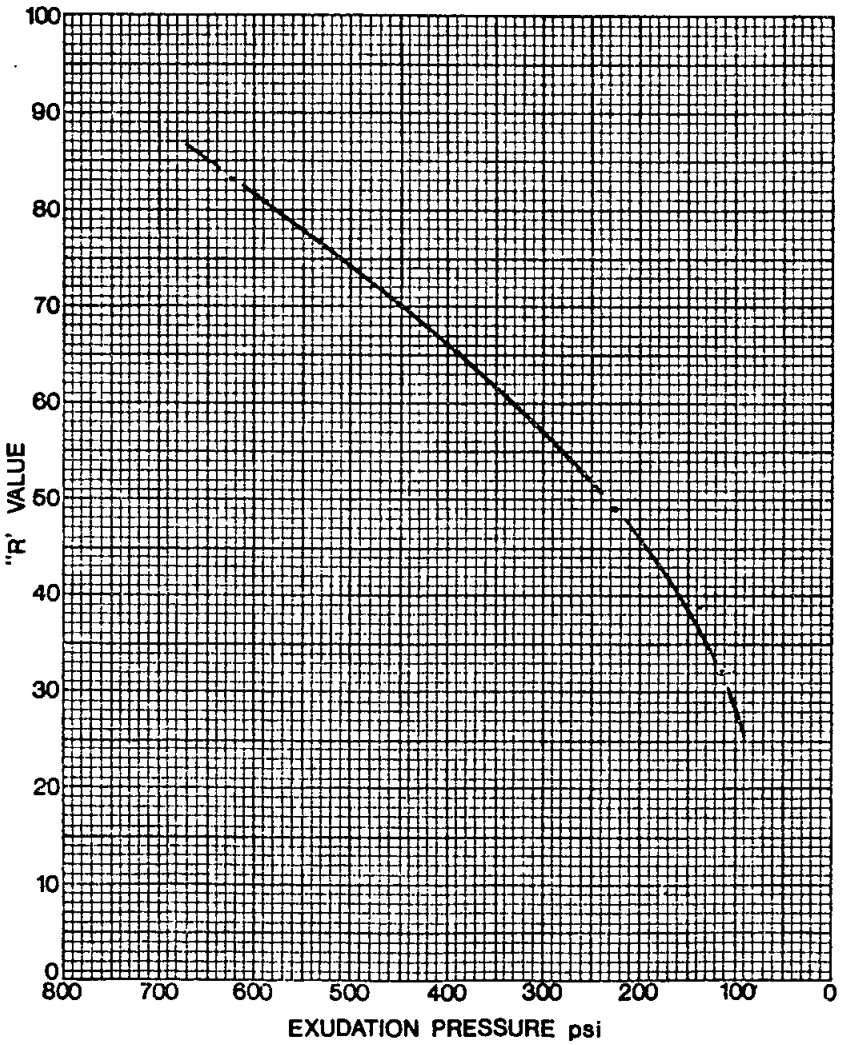
SAMPLE: Gravelly Clayey Coarse Sand
#2, Leighton and Assoc., Proj. 277408-02, Oakwood McCaslin, Orange Avenue

TEST SPECIMAN			A	B	C	D	E
DATE TESTED			10-2-78	10-2-78	10-2-78		
SPECIMEN FABRICATION	Compactor Air Pressure	psi	350	350	350		
	Initial Moisture	%	4.0	4.0	4.0		
	Moisture at Compaction	%	10.0	11.8	10.9		
	Briquette Height	in.	2.426	2.503	2.481		
	Density	pcf	127.1	125.6	127.7		
EXUDATION PRESSURE		psi	625	115	227		
EXPANSION PRESSURE DIAL			.0004	.0001	.0002		
STABILOMETER	P_h at 1000 pounds	psi	12	42	35		
	P_h at 2000 pounds	psi	19	97	69		
	Displacement	turns	3.70	3.45	3.45		
	"R" Value		84	32	49		
CORRECTED "R" VALUE			83				

"R" VALUE AT 300 PSI EXUDATION PRESSURE = 57

GRAIN SIZE DISTRIBUTION		
SIEVE	AS RECEIVED	AS TESTED
3		
2½		
2		
1½		
1		
¾		
½		
⅜		
#4		
#8		
#16		
#30		
#50		
#100		
#200		
.05mm		
.005mm		
.001mm		

LIQUID LIMIT	
PLASTIC LIMIT	
PLASTICITY INDEX	
SAND EQUIVALENT	



SOUTHERN CALIFORNIA SOIL
& TESTING, INC.
17811 SKY PARK CIRCLE DRIVE
IRVINE, CALIFORNIA 92714

Laboratory Test Results

BY	RMR	DATE	10-2-78
JOB NO.	52023		Plate 1

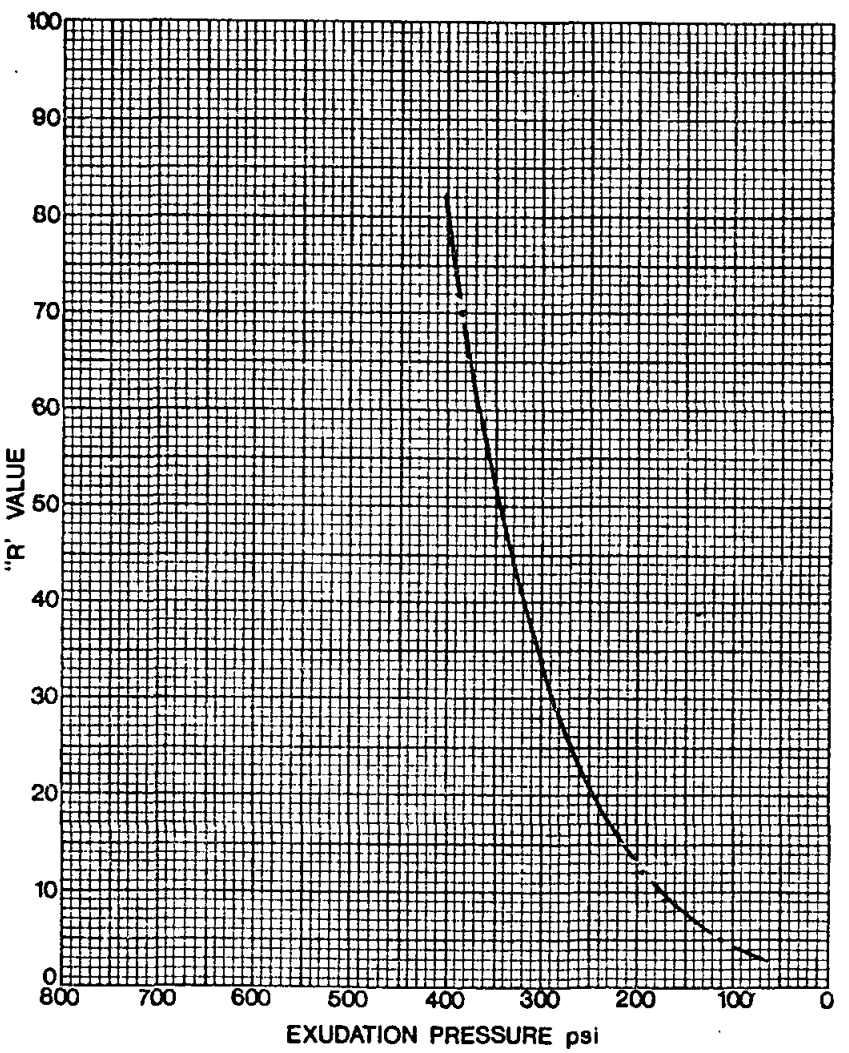
SAMPLE: Bag #5, Leighton and Asso., Proj. 277408-02, Oakwood McCaslin, Gemini St.

TEST SPECIMAN			A	B	C	D	E
DATE TESTED			10-2-78	10-2-78	10-2-78		
SPECIMEN FABRICATION	Compactor Air Pressure	psi	130	290	350		
	Initial Moisture	%	6.9	6.9	6.9		
	Moisture at Compaction	%	12.2	10.4	8.7		
	Briquette Height	in.	2.496	2.485	2.46		
	Density	pcf	126.0	129.7	132.1		
EXUDATION PRESSURE		psi	111	195	382		
EXPANSION PRESSURE DIAL			-0-	.0004	.0008		
STABILOMETER	P_h at 1000 pounds	psi	72	59	17		
	P_h at 2000 pounds	psi	151	134	37		
	Displacement	turns	3.25	3.50	3.50		
	"R" Value		5	12	70		
CORRECTED "R" VALUE							

"R" VALUE AT 300 PSI EXUDATION PRESSURE = 34

GRAIN SIZE DISTRIBUTION		
SIEVE	AS RECEIVED	AS TESTED
3		
2½		
2		
1½		
1		
¾		
½		
⅜		
#4		
#8		
#16		
#30		
#50		
#100		
#200		
.05mm		
.005mm		
.001mm		

LIQUID LIMIT	
PLASTIC LIMIT	
PLASTICITY INDEX	
SAND EQUIVALENT	



SOUTHERN CALIFORNIA SOIL & TESTING, INC.
17811 SKY PARK CIRCLE DRIVE
IRVINE, CALIFORNIA 92714

Laboratory TEst Results

BY	DS/RMR	DATE	10-2-78
JOB NO.	52023		Plate 2

APPENDIX C

SUMMARY OF FIELD DENSITY TESTS

Project No.: 277408-02 McCASLIN PACIFIC PROPERTIES

Test No.	Test Date	Test Location	Soil Type	Comments and Test Elev.	Dry Dens., pcf		Moisture, %		Relative Compaction
					Field	Maximum	Field	Opt.	
	1978								
1	7/10	N26825, E52920	2	341	112.5	125.0	8.0	10.0	90
2	7/10	N26900, E52960	2	343	112.0	125.0	9.3	10.0	90
3	7/11	N27080, E52850	2	344	116.6	125.0	8.3	10.0	93
4	7/11	N26910, E52850	2	344	117.1	125.0	8.3	10.0	94
5	7/12	N26970, E52930	2	345	123.6	125.0	12.3	10.0	99
6	7/12	N27115, E52910	2	344	115.0	125.0	12.3	8.0	92
7	7/13	N27050, E52710	2	343	112.4	125.0	12.3	10.0	90
8	7/13	N27155, E52820	2	341	117.0	125.0	8.7	10.0	94
9	7/13	N26930, E52960	2	342	121.9	125.0	14.0	10.0	98
10	7/13	N26860, E52890	2	342	120.0	125.0	11.0	10.0	96
11	7/14	N27060, E52810	1	346	122.2	129.0	22.0	8.0	95
12	7/14	N27020, E52780	1	346	116.6	129.0	14.0	8.0	90
13	7/14	N27090, E52770	2	346	112.8	125.0	13.0	10.0	90
14	7/14	N27035, E52730	2	344	112.1	125.0	10.0	10.0	90
15	7/14	N27095, E52890	1	344	121.5	129	11.0	8.0	94
16	7/14	N27140, E52760	1	345	118.7	129.0	13.6	8.0	92
17	7/17	N27115, E52825	1	346	115.6	129.0	6.0	10.0	90
18	7/17	N27195, E52815	2	346	123.9	125.0	15.0	10.0	99
19	7/17	N27225, E52880	2	346	117.6	125.0	12.3	10.0	94
20	7/17	N27160, E52900	2	347	116.8	125.0	12.0	10.0	93
21	7/17	N27225, E52920	2	346	119.3	125.0	12.3	10.0	95
22	7/17	N27140, E52950	2	347	117.5	125.0	13.0	10.0	94
23	7/18	N26940, E53100	1	347	115.8	129.0	9.0	8.0	90
24	7/18	N27045, E53810	1	348	118.2	129.0	10.0	8.0	92

Field density tests were performed in accordance with ASTM D1556-64
* Denotes Driven Sampler Method of Testing, ASTM D2937-71
Maximum densities and optimum moistures were determined in accordance with ASTM D1557-70
Form 202A (8/77)

SUMMARY OF FIELD DENSITY TESTS

Project No.: 277408-02 McCASLIN PACIFIC PROPERTIES

Test No.	Test Date	Test Location	Soil Type	Comments and Test Elev.	Dry Dens., pcf		Moisture, %		Relative Compaction
					Field	Maximum	Field	Opt.	
	1978								
25	7/18	N26980, E53125	2	350	112.3	125.0	8.0	10.0	90
26	7/18	N27020, E53100	2	351	112.2	125.0	10.0	10.0	90
27	7/19	N26970, E53220	2	346	118.8	125.0	8.7	10.0	95
28	7/19	N26920, E53230	2	347	113.5	125.0	12.3	10.0	91
29	7/19	N26935, E53310	2	348	112.6	125.0	10.0	10.0	90
30	7/19	N26810, E53240	2	342	120.5	125.0	14.0	8.0	93
31	7/19	N26875, E53260	1	343	126.4	129.0	10.0	8.0	98
32	7/19	N26860, E53321	1	345	119.1	129.0	10.0	8.0	92
33	7/19	N26825, E53280	1	346	118.7	129.0	9.6	8.0	92
34	7/20	N26960, E53300	1	350	117.6	129.0	9.0	8.0	91
35	7/20	N26960, E53385	1	348	118.2	129.0	10.0	8.0	92
36	7/20	N26880, E53380	1	348	119.1	129.0	10.0	8.0	92
37	7/20	N26870, E53345	1	350	119.2	129.0	9.0	8.0	92
38	7/20	N26895, E53210	1	350	119.3	129.0	9.0	8.0	92
39	7/20	N26975, E53480	1	364	120.9	129	10.0	8.0	93
40	7/21	N27490, E53620	1	370	121.6	129.0	11.7	10.0	94
41	7/21	N27380, E53705	2	363	118.1	125.0	11.7	10.0	94
42	7/21	N27240, E53560	1	362	118.0	129.0	11.7	8.0	91
43	7/21	N27135, E53590	1	365	116.5	129.0	10.0	8.0	90
44	7/21	N27220, E53630	1	364	117.3	129.0	11.7	8.0	91
45	7/21	N27120, E53540	1	366	117.3	129.0	10.0	8.0	91
46	7/24	N27050, E53500	2	366	114.6	125.0	11.0	10.0	92
47	7/24	N27015, E53565	1	364	117.8	129.0	12.0	8.0	91
48	7/24	N27015, E53580	1	366	119.8	129.0	11.0	8.0	93

Field density tests were performed in accordance with ASTM D1556-64
* Denotes Driven Sampler Method of Testing, ASTM D2937-71
Maximum densities and optimum moistures were determined in accordance with ASTM D1557-70
Form 202A (8/77)

SUMMARY OF FIELD DENSITY TESTS

Project No.: 277408-02 McCASLIN PACIFIC PROPERTIES

Test No.	Test Date	Test Location	Soil Type	Comments and Test Elev.	Dry Dens., pcf		Moisture, %		Relative Compaction
					Field	Maximum	Field	Opt.	
	1978								
49	7/24	N27420, E53620	1	373	125.5	129.0	12.0	8.0	97
50	7/25	N27440, E53670	2	372	113.9	125.0	11.0	8.0	91
51	7/25	N27425, E53700	1	365	116.3	129.0	11.0	8.0	93
52	7/25	N27305, E53650	1	374	119.6	125.9	10.0	8.0	93
53	7/25	N21165, E53585	1	374	118.3	129.0	10.0	8.0	92
54	7/25	N27455, E53625	1	374	119.1	129.0	10.0	8.0	92
55	7/25	N27460, E53680	1	376	122.9	129.0	9.0	8.0	95
56	7/25	N26905, E53515	1	348	116.5	129.0	10.0	8.0	90
57	7/26	N27090, E53545	1	368	121.6	129.0	10.0	8.0	94
58	7/26	N26930, E53520	1	350	115.7	129.0	10.0	8.0	90
59	7/26	N27350, E53610	2	376	114.0	125.0	8.0	10.0	91
60	7/26	N27340, E53660	2	378	113.4	125.0	8.0	10.0	90
61	7/27	N27190, E53575	1	375	115.9	129.0	9.8	8.0	90
62	7/27	N27080, E53580	1	370	118.0	129.0	28.0	8.0	91
63	7/27	N27015, E53480	1	368	116.6	129.0	11.6	8.0	90
64	7/27	N28050, E53525	1	368	116.3	129.0	11.0	8.0	90
65	7/27	N27370, E53660	2	374	114.9	125.0	11.6	10.0	92
66	7/27	N26980, E54325	1	360	120.9	129.0	10.0	8.0	94
67	7/27	N26840, E54220	1	359	119.2	129.0	10.0	8.0	92
68	7/28	N26960, E54150	1	359	116.5	129.0	10.0	8.0	90
69	7/28	N26880, E54332	1	372	115.9	129.0	11.3	8.0	90
70	7/31	N26920, E54235	1	356	117.3	129.0	11.0	8.0	91
71	7/31	N26880, E54180	1	357	115.8	129.0	9.0	8.0	90
72	7/31	N26960, E54235	1	361	116.3	129.0	11.0	8.0	90

Field density tests were performed in accordance with ASTM D1556-64
* Denotes Driven Sampler Method of Testing, ASTM D2937-71
Maximum densities and optimum moistures were determined in accordance with ASTM D1557-70
Form 202A (8/77)

SUMMARY OF FIELD DENSITY TESTS

Project No.: 277408-02 McCASLIN PACIFIC PROPERTIES

Test No.	Test Date	Test Location	Soil Type	Comments and Test Elev.	Dry Dens., pcf		Moisture, %		Relative Compaction
					Field	Maximum	Field	Opt.	
	1978								
73	7/31	N26905, E53920	1	354	118.6	129.0	14.6	8.0	92
74	8/1	N26740, E53965	1	357	116.3	129.0	11.0	8.0	90
75	8/1	N26860, E53945	1	356	122.6	129.0	14.6	8.0	91
76	8/1	N26880, E54012	1	358	117.0	129.0	12.0	8.0	91
77	8/1	N26580, E54040	1	372	118.2	129.0	10.0	8.0	92
78	8/1	N26705, E54180	2	371	115.9	125.0	10.0	10.0	93
79	8/2	N26620, E54093	2	374	113.5	125.0	9.6	10.0	91
80	8/2	N26670, E54130	1	375	119.0	129.0	9.3	8.0	92
81	8/3	N26600, E54070	1	376	115.6	129.0	10.0	8.0	90
82	8/3	N26935, E54375	2	373	113.2	125.0	6.0	10.0	91
83	8/3	N26815, E54220	1	361	117.2	129.0	11.0	8.0	91
84	8/3	N26585, E54055	2	378	113.5	125.0	12.0	8.0	91
85	8/3	N26680, E54150	1	376	115.9	129.0	23.0	8.0	90
86	8/3	N26745, E54052	1	358	115.9	129.0	10.0	8.0	90
87	8/4	N26570, E54050	1	380	123.0	129.0	23.0	8.0	95
88	8/4	N26890, E53950	1	358	118.8	129.0	18.0	8.0	92
89	8/4	N27020, E54400	1	380	116.6	129.0	9.0	8.0	90
90	8/4	N26940, E54350	2	375	114.1	125.0	9.0	10.0	91
91	8/4	N26840, E53960	1	357	115.6	129.0	10.0	8.0	90
92	8/4	N26895, E54290	1	360	119.3	129.0	12.3	8.0	92
93	8/4	N26950, E54180	1	361	119.6	129.0	12.0	8.0	93
94	8/5	N26930, E54085	1	360	115.8	129.0	9.0	8.0	90
95	8/5	N26775, E53985	1	359	118.4	129.0	9.0	8.0	91
96	8/5	N26980, E54360	1	377	115.6	129.0	10.0	8.0	90

Field density tests were performed in accordance with ASTM D1556-64
* Denotes Driven Sampler Method of Testing, ASTM D2937-71
Maximum densities and optimum moistures were determined in accordance with ASTM D1557-70
Form 202A (8/77)

SUMMARY OF FIELD DENSITY TESTS

Project No.: 277408-02 McCASLIN PACIFIC PROPERTIES

Test No.	Test Date	Test Location	Soil Type	Comments and Test Elev.	Dry Dens., pcf		Moisture, %		Relative Compaction
					Field	Maximum	Field	Opt.	
	1978								
97	8/5	N26610, E54060	1	380	118.1	129.0	13.2	8.0	91
98	8/5	N26540, E54010	1	350	117.3	129.0	10.0	8.0	90
99	8/5	N26475, E53985	1	336	118.5	129.0	9.0	8.0	91
100	8/5	N26820, E53940	1	360	123.1	129.0	11.0	8.0	95
101	8/6	N26715, E53055	1	340	117.0	129.0	18.0	8.0	90
102	8/6	N26640, E53140	1	342	120.2	129.0	9.0	8.0	93
103	8/6	N26450, E53150	1	341	118.3	129.0	10.0	8.0	91
104	8/6	N26485, E54015	1	356	117.4	129.0	10.0	8.0	91
105	8/6	N26735, E53130	1	341	119.3	129.0	9.0	8.0	92
106	8/6	N26415, E53185	1	343 R.T. on 107	115.4	129.0	9.0	8.0	89
107	8/6	N26415, E53185	1	343 R.T. of 106	124.7	129.0	9.0	8.0	96
108	8/6	N26520, E54025	1	354	119.6	129.0	8.0	8.0	92
109	8/6	N26870, E53490	1	352	117.6	129.0	30.0	8.0	91
110	8/7	N26840, E53255	1	344	116.5	129.0	10.0	8.0	90
111	8/7	N26990, E53485	1	351	118.1	129.0	11.0	8.0	91
112	8/7	N26915, E53480	1	354	119.8	129.0	11.0	8.0	92
113	8/7	N26810, E53290	1	347	118.4	129.0	9.0	8.0	91
114	8/7	N26660, E53260	1	350	115.8	129.0	9.0	8.0	90
115	8/7	N26615, E53070	1	343	116.9	129.0	8.0	8.0	90
116	8/7	N26445, E53240	2	342	112.5	125.0	8.0	10.0	90
117	8/7	N26640, E53220	1	343	115.8	129.0	9.0	8.0	90
118	8/7	N26545, E53100	1	343	117.2	129.0	11.0	8.0	90
119	8/7	N26820, E53255	1	346	116.3	129.0	11.0	8.0	90

Field density tests were performed in accordance with ASTM D1556-64
* Denotes Driven Sampler Method of Testing, ASTM D2937-71
Maximum densities and optimum moistures were determined in accordance with ASTM D1557-70
Form 202A (8/77)

SUMMARY OF FIELD DENSITY TESTS

Project No.: 277408-02 McCASLIN PACIFIC PROPERTIES

Test No.	Test Date	Test Location	Soil Type	Comments and Test Elev.	Dry Dens., pcf		Moisture, %		Relative Compaction
					Field	Maximum	Field	Opt.	
	1978								
120	8/7	N26900, E53420	1	355	116.5	129.0	11.0	8.0	90
121	8/8	N26825, E53372	1	349	121.2	129.0	12.6	8.0	93
122	8/8	N26720, E53262	1	350	118.1	129.0	11.0	8.0	91
123	8/8	N26675, E53035	1	343	120.0	129.0	10.0	8.0	93
124	8/8	N26935, E53460	1	356	119.1	129.0	10.0	8.0	92
125	8/8	N26350, E53250	1	344	115.6	129.0	10.0	8.0	90
126	8/8	N26560, E53165	1	345	120.4	129.0	15.0	8.0	93
127	8/8	N27510, E53728	1	374	122.7	129.0	14.6	8.0	95
128	8/8	N27585, E53680	1	375	117.2	129.0	11.0	8.0	90
129	8/8	N27460, E53807	1	382	118.4	129.0	12.3	8.0	91
130	8/8	N27530, E53695	1	380	115.6	129.0	10.0	8.0	90
131	8/8	N26905, E53420	1	356	116.0	129.0	12.0	8.0	90
132	8/8	N27570, E53750	1	372	115.5	129.0	8.0	8.0	90
133	8/8	N27420, E53785	1	380	116.3	129.0	11.0	8.0	90
134	8/9	N27485, E53790	1	384	119.1	129.0	10.0	8.0	92
135	8/9	N27610, E53660	1	378	120.6	129.0	11.0	8.0	93
136	8/9	N27530, E53660	1	376	115.8	129.0	9.0	8.0	90
137	8/9	N27510, E53755	1	376	120.0	129.0	10.0	8.0	93
138	8/9	N27618, E53740	2	392	113.0	125.0	7.0	10.0	90
139	8/9	N26590, E53400	2	347	111.9	125.0	8.0	10.0	90
140	8/9	N26485, E53320	2	347	115.8	125.0	9.0	10.0	92
141	8/9	N26590, E53245	1	344	117.6	129.0	9.0	8.0	91
142	8/9	N26675, E53285	1	352	117.7	129.0	8.0	8.0	91

Field density tests were performed in accordance with ASTM D1556-64
* Denotes Driven Sampler Method of Testing, ASTM D2937-71
Maximum densities and optimum moistures were determined in accordance with ASTM D1557-70
Form 202A (8/77)

SUMMARY OF FIELD DENSITY TESTS

Project No.: 277408-02 McCASLIN PACIFIC PROPERTIES

Test No.	Test Date	Test Location	Soil Type	Comments and Test Elev.	Dry Dens., pcf		Moisture, %		Relative Compaction
					Field	Maximum	Field	Opt.	
	1978								
143	8/9	N26525, E53380	1	349	120.9	129.0	10.0	8.0	93
144	8/9	N26795, E53330	1	351	120.0	129.0	10.0	8.0	93
145	8/10	N26455, E53360	1	350	117.3	129.0	10.0	8.0	90
146	8/10	N26655, E53105	1	345	117.2	129.0	11.0	8.0	90
147	8/10	N26435, E53130	1	343	115.7	129.0	10.0	8.0	90
148	8/10	N26500, E53245	1	345	119.1	129.0	22.0	8.0	92
149	8/10	N26770, E53170	1	343	117.8	129.0	12.0	8.0	91
150	8/10	N26485, E53140	1	344	117.2	129.0	11.0	8.0	90
151	8/10	N26395, E53160	1	345	116.9	129.0	8.0	8.0	90
152	8/10	N26695, E53130	1	346	115.7	129.0	14.0	8.0	90
153	8/10	N26790, E53255	1	347	117.0	129.0	8.0	8.0	91
154	8/10	N26715, E53380	1	355	120.2	129.0	9.0	8.0	93
155	8/10	N26580, E53340	2	349	113.5	125.0	7.0	10.0	90
156	8/11	N26445, E53170	1	347	116.0	129.0	8.0	8.0	90
157	8/11	N26565, E53120	1	347	115.8	129.0	13.6	8.0	90
158	8/11	N26735, E53185	1	345	120.6	129.0	14.0	8.0	93
159	8/11	N26705, E53065	2	345	112.0	125.0	9.3	10.0	90
160	8/11	N26525, E53220	1	347	119.4	129.0	8.0	8.0	92
161	8/11	N26425, E53215	1	345	117.1	129.0	11.0	8.0	90
162	8/11	N26375, E53325	1	346	116.2	129.0	11.0	8.0	90
163	8/11	N26460, E53280	1	349	119.2	129.0	9.0	8.0	92
163	8/11	N26460, E53280	1	349	119.2	129.0	9.0	8.0	92
164	8/11	N26420, E53160	1	347	118.3	129.0	9.0	8.0	91
165	8/11	N26480, E53420	2	349	114.8	125.0	10.0	10.0	91

Field density tests were performed in accordance with ASTM D1556-64
* Denotes Driven Sampler Method of Testing, ASTM D2937-71
Maximum densities and optimum moistures were determined in accordance with ASTM D1557-70
Form 202A (8/77)

SUMMARY OF FIELD DENSITY TESTS

Project No.: 277408-02 McCASLIN PACIFIC PROPERTIES

Test No.	Test Date	Test Location	Soil Type	Comments and Test Elev.	Dry Dens., pcf		Moisture, %		Relative Compaction
					Field	Maximum	Field	Opt.	
	1978								
166	8/11	N26490, E53355	1	351	116.9	129.0	8.0	8.0	90
167	8/14	N26415, E53140	1	349	115.5	129.0	8.0	8.0	90
168	8/14	N26640, E53040	1	346	116.0	129.0	14.0	8.0	90
169	8/14	N26770, E54040	1	362	119.9	129.0	12.0	8.0	92
170	8/14	N26900, E53905	1	356	119.3	129.0	13.0	8.0	92
171	8/14	N26520, E53115	1	349	117.8	129.0	12.0	8.0	91
172	8/14	N26480, E53370	1	346	120.0	129.0	14.0	8.0	93
173	8/14	N26355, E53250	1	342	119.3	129.0	13.0	8.0	92
174	8/14	N26500, E53380	2	358	114.5	125.0	13.6	10.0	91
175	8/14	N26915, E54320	1	362	116.6	129.0	9.0	8.0	90
176	8/14	N26960, E54275	1	362	118.1	129.0	11.0	8.0	91
177	8/15	N26890, E54230	2	358	112.2	125.0	9.0	10.0	90
178	8/15	N26960, E54330	2	362	112.2	125.0	8.0	10.0	90
179	8/15	N26845, E54125	1	360	117.0	129.0	12.0	8.0	90
180	8/15	N26880, E54090	1	360	118.0	129.0	7.0	8.0	91
181	8/15	N26915, E54040	1	360	116.6	129.0	9.0	8.0	90
182	8/15	N26820, E53830	1	356	121.7	129.0	10.0	8.0	94
183	8/15	N26620, E53950	1	353	116.9	129.0	8.0	8.0	90
184	8/15	N26390, E53290	1	346	116.6	129.0	9.0	8.0	90
185	8/16	N26515, E54010	1	360	121.0	129.0	10.0	8.0	93
186	8/16	N27535, E53740	1	382	122.7	129.0	14.0	8.0	95
187	8/16	N27500, E53855	1	384	115.5	129.0	10.0	8.0	90
188	8/16	N27470, E53785	1	386	123.1	129.0	15.0	8.0	95
189	8/16	N27570, E53915	1	386	117.6	129.0	9.0	8.0	91

Field density tests were performed in accordance with ASTM D1556-64
* Denotes Driven Sampler Method of Testing, ASTM D2937-71
Maximum densities and optimum moistures were determined in accordance with ASTM D1557-70
Form 202A (8/77)

SUMMARY OF FIELD DENSITY TESTS

Project No.: 277408-02 McCASLIN PACIFIC PROPERTIES

Test No.	Test Date	Test Location	Soil Type	Comments and Test Elev.	Dry Dens., pcf		Moisture, %		Relative Compaction
					Field	Maximum	Field	Opt.	
	1978								
190	8/16	N27510, E53785	1	380	116.5	129.0	10.0	8.0	90
191	8/16	N27560, E53790	1	385	118.1	129.0	11.0	8.0	91
192	8/16	N27520, E53770	1	385	116.2	129.0	7.0	8.0	90
193	8/17	N26715, E53280	1	352	119.1	129.0	10.0	8.0	92
194	8/17	N26800, E53300	1	354	119.6	129.0	8.0	8.0	92
195	8/17	N26685, E53180	1	346	118.2	129.0	10.0	8.0	91
196	8/17	N26750, E53085	1	345	119.8	129.0	11.0	8.0	92
197	8/17	N26620, E53325	1	351	116.3	129.0	11.0	8.0	90
198	8/18	N26540, E54023	1	362	118.2	129.0	10.0	8.0	91
199	8/18	N26770, E53830	1	356	117.4	129.0	14.0	8.0	91
200	8/18	N26940, E54285	1	364	117.6	129.0	9.0	8.0	91
201	8/18	N26870, E54250	1	366	119.1	129.0	10.0	8.0	92
202	8/18	N26905, E53970	1	362	116.5	129.0	10.0	8.0	90
203	8/18	N26500, E54000	1	365	120.4	129.0	8.0	8.0	93
204	8/18	N26905, E54104	1	365	115.8	129.0	9.0	8.0	90
205	8/18	N26915, E54275	1	366	117.4	129.0	10.0	8.0	91
206	8/18	N26855, E53485	1	352	116.1	129.0	12.0	8.0	90
207	8/18	N26740, E53420	1	355	117.0	129.0	12.0	8.0	90
208	8/18	N26685, E54170	1	383	116.3	129.0	11.0	8.0	90
209	8/21	N26760, E54010	1	369	116.4	129.0	8.0	8.0	90
210	8/21	N26625, E54090	1	383	117.6	129.0	9.0	8.0	91
211	8/21	N26610, E54070	1	374	118.1	129.0	10.0	8.0	91
212	8/21	N26610, E54070	1	383	118.3	129.0	14.0	8.0	91

Field density tests were performed in accordance with ASTM D1556-64
* Denotes Driven Sampler Method of Testing, ASTM D2937-71
Maximum densities and optimum moistures were determined in accordance with ASTM D1557-70
Form 202A (8/77)

SUMMARY OF FIELD DENSITY TESTS

Project No.: 277408-02 McCASLIN PACIFIC PROPERTIES

Test No.	Test Date	Test Location	Soil Type	Comments and Test Elev.	Dry Dens., pcf		Moisture, %		Relative Compaction
					Field	Maximum	Field	Opt.	
	1978								
213	8/21	N26840, E54065	1	366	118.9	129.0	11.0	8.0	92
214	8/21	N26920, E54165	1	368	116.0	129.0	8.0	8.0	90
215	8/21	N26865, E53965	1	367	121.6	129.0	11.0	8.0	94
216	8/21	N26845, E53782	1	357	119.1	129.0	10.0	8.0	92
217	8/21	N26540, E54040	1	370	119.4	129.0	12.6	8.0	93
218	8/21	N26610, E54100	1	383	119.0	129.0	13.0	8.0	92
219	8/22	N26890, E54268	1	369	115.8	129.0	9.0	8.0	90
220	8/22	N26685, E54010	1	362	117.6	129.0	9.0	8.0	91
221	8/22	N26920, E54380	1	378	120.9	129.0	10.0	8.0	93
222	8/22	N26665, E54140	1	384	118.7	129.0	8.0	8.0	92
223	8/22	N26845, E54100	1	363	118.9	129.0	11.0	8.0	92
224	8/22	N27025, E54375	1	378	117.0	129.0	12.0	8.0	90
225	8/23	N26900, E54000	1	364	118.2	129.0	12.0	8.0	91
226	8/23	N26960, E54420	1	380	115.5	129.0	11.0	8.0	90
227	8/23	N26850, E54000	1	360	121.1	129.0	9.0	8.0	93
228	8/23	N26500, E54040	1	371	116.9	129.0	8.0	8.0	90
229	8/23	N26950, E53545	1	349	119.8	129.0	11.0	8.0	92
230	8/24	N26980, E53740	1	359	116.1	129.0	12.0	8.0	90
231	8/24	N26945, E54300	1	370	117.2	129.0	11.0	8.0	90
232	8/24	N27535, E53890	1	384	118.5	129.0	9.0	8.0	91
233	8/25	N27450, E53780	1	387	120.0	129.0	10.0	8.0	93
234	8/25	N27500, E53760	1	386	116.9	129.0	8.0	8.0	90
235	8/25	N27540, E53715	1	388	117.4	129.0	10.0	8.0	91

Field density tests were performed in accordance with ASTM D1556-64
* Denotes Driven Sampler Method of Testing, ASTM D2937-71
Maximum densities and optimum moistures were determined in accordance with ASTM D1557-70
Form 202A (8/77)

SUMMARY OF FIELD DENSITY TESTS

Project No.: 277408-02 McCASLIN PACIFIC PROPERTIES

Test No.	Test Date	Test Location	Soil Type	Comments and Test Elev.	Dry Dens., pcf		Moisture, %		Relative Compaction
					Field	Maximum	Field	Opt.	
	1978								
236	8/25	N27465, E53770	1	388	117.2	129.0	11.0	8.0	90
237	8/25	N27500, E53825	1	388	121.6	129.0	12.0	8.0	94
238	8/28	N27490, E53800	1	390	118.1	129.0	11.0	8.0	91
239	8/28	N27495, E53745	1	390	116.3	129.0	11.0	8.0	90
240	8/28	N27620, E53705	1	394	119.3	129.0	9.0	8.0	92
241	8/28	N27545, E53765	1	390	117.3	129.0	10.0	8.0	90
242	8/29	N27480, E53770	1	392	118.2	129.0	10.0	8.0	91
243	8/29	N27590, E53730	1	396	118.9	129.0	11.0	8.0	92
244	8/29	N27530, E53755	1	392	116.6	129.0	9.0	8.0	90
245	8/29	N27555, E53765	1	398	117.3	129.0	10.0	8.0	90
246	8/30	N27635, E53720	1	400	117.8	129.0	12.0	8.0	91
247	8/30	N27230, E52970	1	347	117.8	129.0	13.6	8.0	91
248	8/30	N28065, E53050	1	348	117.6	129.0	9.0	8.0	91
249	8/31	N27020, E52960	1	347	116.9	129.0	8.0	8.0	90
250	8/31	N26820, E53115	1	342	117.6	129.0	9.0	8.0	91
251	8/31	N27050, E52780	1	347	120.0	129.0	10.0	8.0	93
252	8/31	N26890, E52900	1	346	119.1	129.0	10.0	8.0	92
253	9/1	N27180, E52850	1	348	116.5	129.0	10.0	8.0	90
254	9/1	N26880, E53070	1	344	120.0	129.0	10.0	8.0	93
255	9/1	N26850, E53270	1	348	117.2	129.0	11.0	8.0	90
256	9/1	N26940, E53575	1	351	119.5	129.0	8.0	8.0	92
257	9/5	N27290, E53710	1	370	119.5	129.0	8.0	8.0	92
258	9/5	N27230, E52905	1	349	121.1	129.0	9.0	8.0	93

Field density tests were performed in accordance with ASTM D1556-64
* Denotes Driven Sampler Method of Testing, ASTM D2937-71
Maximum densities and optimum moistures were determined in accordance with ASTM D1557-70
Form 202A (8/77)

SUMMARY OF FIELD DENSITY TESTS

Project No.: 277408-02 McCASLIN PACIFIC PROPERTIES

Test No.	Test Date	Test Location	Soil Type	Comments and Test Elev.	Dry Dens., pcf		Moisture, %		Relative Compaction
					Field	Maximum	Field	Opt.	
	1978								
259	9/7	N27050, E53060	1	348	117.4	129.0	10.0	8.0	91
260	9/7	N27115, E52770	1	349	118.1	129.0	11.0	8.0	91
261	9/7	N26960, E52875	1	348	118.1	129.0	11.0	8.0	91
262	9/8	N27050, E52940	1	349	117.8	129.0	12.0	8.0	91
263	9/8	N27075, E53725	1	357	116.3	129.0	11.0	8.0	90
264	9/8	N26950, E53640	1	352	117.2	129.0	11.0	8.0	90
265	9/11	N26935, E53145	1	352	115.4	129.0	13.6	8.0	90
266	9/11	N27125, E52990	1	349	116.9	129.0	8.0	8.0	90
267	9/11	N27155, E52790	1	346	116.3	129.0	11.0	8.0	90
268	9/12	N26940, E53040	1	352	118.3	129.0	18.0	8.0	91
269	9/12	N27135, E52870	1	351	117.8	129.0	12.0	8.0	91
270	9/12	N26965, E52970	1	348	122.3	129.0	11.0	8.0	94
271	9/13	N27100, E53050	1	350	117.6	129.0	9.0	8.0	91
272	9/13	N26835, E53175	1	346	119.8	129.0	7.0	8.0	92
273	9/13	N26890, E53030	1	347	117.6	129.0	9.0	8.0	91
274	9/14	N26880, E53545	1	354	118.2	129.0	10.0	8.0	91
275	9/14	N26860, E52955	1	341	119.1	129.0	10.0	8.0	92
276	9/14	N27175, E52910	1	351	119.5	129.0	8.0	8.0	92
277	9/15	N26540, E54040	1	373	119.6	129.0	8.0	8.0	92
278	9/15	N26550, E54020	1	375	120.0	129.0	10.0	8.0	93
279	9/15	N26470, E53965	1	377	122.3	129.0	10.0	8.0	94
280	9/15	N26520, E54000	1	379	118.7	129.0	8.0	8.0	92
281	9/18	N26540, E54050	1	380	120.4	129.0	13.6	8.0	93

Field density tests were performed in accordance with ASTM D1556-64
* Denotes Driven Sampler Method of Testing, ASTM D2937-71
Maximum densities and optimum moistures were determined in accordance with ASTM D1557-70
Form 202A (8/77)

SUMMARY OF FIELD DENSITY TESTS

Project No.: 277408-02 McCASLIN PACIFIC PROPERTIES

Test No.	Test Date	Test Location	Soil Type	Comments and Test Elev.	Dry Dens., pcf		Moisture, %		Relative Compaction
					Field	Maximum	Field	Opt.	
	1978								
282	9/18	N26465, E54000	1	382	117.3	129.0	10.0	8.0	90
283	9/18	N26510, E53985	1	384	117.2	129.0	11.0	8.0	90
284	9/19	N26495, E54015	1	386	117.0	129.0	12.0	8.0	90
285	9/19	N26485, E53985	1	386	122.6	129.0	10.0	8.0	95
286	9/19	N26440, E54000	1	388	123.2	129.0	11.0	8.0	95
287	9/20	N26940, E54215	1	370	117.2	129.0	11.0	8.0	90
288	9/20	N26830, E54060	1	365	118.0	129.0	7.0	8.0	91
289	9/20	N26870, E53925	1	366	116.4	129.0	6.0	8.0	90
290	9/21	N26915, E54212	1	372	116.3	129.0	11.0	8.0	90
291	9/21	N26850, E54295	1	372	119.8	129.0	11.0	8.0	92
292	9/21	N26985, E54028	1	367	116.4	129.0	15.0	8.0	90
293	9/22	N26810, E54145	1	369	117.1	129.0	8.0	8.0	91
294	9/22	N26980, E54260	1	375	117.8	129.0	12.0	8.0	91
295	9/22	N26960, E54390	1	382	118.2	129.0	10.0	8.0	91
296	9/22	N26790, E54240	1	378	124.5	129.0	7.0	8.0	96
297	9/25	N26880, E54210	1	374	121.2	129.0	12.0	8.0	93
298	9/25	N26825, E53965	1	368	117.3	129.0	10.0	8.0	90
299	9/25	N26950, E54105	1	370	116.1	129.0	13.6	8.0	90
300	9/26	N26950, E54245	1	380	116.5	129.0	10.0	8.0	90
301	9/26	N26500, E53440	1	350	119.8	129.0	11.0	8.0	92
302	9/26	N26695, E53445	1	359	116.5	129.0	12.5	8.0	90
303	9/26	N26570, E53290	1	351	116.1	129.0	12.0	8.0	90
304	9/26	N26750, E53460	1	358	119.6	129.0	8.0	8.0	92

Field density tests were performed in accordance with ASTM D1556-64
* Denotes Driven Sampler Method of Testing, ASTM D2937-71
Maximum densities and optimum moistures were determined in accordance with ASTM D1557-70
Form 202A (8/77)

SUMMARY OF FIELD DENSITY TESTS

Project No.: 277408-02 McCASLIN PACIFIC PROPERTIES

Test No.	Test Date	Test Location	Soil Type	Comments and Test Elev.	Dry Dens., pcf		Moisture, %		Relative Compaction
					Field	Maximum	Field	Opt.	
	1978								
305	9/27	N26760, E53285	1	359	118.7	129.0	13.6	8.0	92
306	9/28	N26670, E53370	1	360	118.1	129.0	11.0	8.0	91
307	9/28	N26650, E53175	1	347	118.4	129.0	9.0	8.0	92
308	9/28	N26500, E53255	1	351	121.5	129.0	11.0	8.0	94
309	9/29	N26545, E53370	1	352	117.4	129.0	10.0	8.0	91
310	9/29	N26800, E53440	1	360	121.3	129.0	8.0	8.0	94
311	9/29	N26615, E53385	1	354	118.2	129.0	10.0	8.0	91
312	9/29	N26540, E53350	1	355	122.6	129.0	6.8	8.0	95

Field density tests were performed in accordance with ASTM D1556-64
* Denotes Driven Sampler Method of Testing, ASTM D2937-71
Maximum densities and optimum moistures were determined in accordance with ASTM D1557-70
Form 202A (8/77)

APPENDIX D

APPENDIX D

GEOTECHNICAL REPORTS REFERENCED

1. Leighton and Associates, Inc., 1977, Geotechnical Review of Grading Plan Tract 33910 and Parcels 1 Through 5, Parcel Map 10094, City of Monterey Park, dated December 12, 1977.

2. ------, 1977, Addendum to Geotechnical Review of Grading Plan, Tract 33910 and Parcels 1 Through 5, Parcel Map 10094, City of Monterey Park, dated December 21, 1977.

3. ------, 1978, Seepage From Cut Slope, Existing Downdrain Outlet, Tract 33910, City of Monterey Park, County of Los Angeles, California, dated August 2, 1978.

4. ------, 1978, Cut Slope North of Proposed Orange Avenue, City of Monterey Park, California, dated August 18, 1978.

SEE SHEET 2

SCALE 1" = 40'

SATURN STREET

GEMINI DRIVE

POTRERO GRANDE DRIVE

ORANGE AVENUE

CALIFORNIA AVENUE

SOUTHERN PACIFIC R/W

EXIST A.C. PAV.

REMOVE EXIST. WOODEN BARRICADE

ADJUST TOP OF S.M.H. TO 1.5' ABOVE SUBGRADE

6' SIDEWALK & LANDSCAPING EASEMENT

PROPOSED CATCH BASIN & STORM DRAIN PLANS

PROPOSED 8"S.D.P. & M.H. SEE STORM DRAIN PLANS

PROPOSED 8" V.C.P. SEE SEWER SYSTEM PLANS

EXIST. 8" CONC. PIPE WATER MAIN IN 6' EASEMENT

TOE OF SLOPE

TOP OF CUT

DAYLIGHT LINE

FILL

CUT

DAYLIGHT FILL

EXIST. FENCE TO BE RELOCATED BY OWNER

4" ϕ SOLID OUTLET PIPE @ 100' O.C. (TYP.)

INSTALL 6" ϕ PERF. PIPE

2' WIDE 12" BERM

6" SOLID OUTLET PIPE

CONSTRUCT TYPICAL BEACH DETAIL PER SHEET 1

CONSTRUCT DOWN DRAIN SEE SHEET 1

PROPOSED SIDEWALK CULVERT, SEE STORM DRAIN PLANS

EXIST. P.C.C. CURB & GUTTER TO REMAIN IN PLACE

CONST. DOWN DRAIN PER DETAIL ON SHEET 1

EXIST. FENCE TO PROTECT IN PLACE

DOWN DRAIN SEE DETAIL ON SHEET 1

SECTION H-H
NO SCALE

Af1 Af2 Af3 Ss+Cg

PHOTOGRAMMETRY BY DON READ CORP. ANAHEIM, CALIFORNIA

LOCKMAN & ASSOCIATES, CIVIL ENGINEERS

AS-GRADED GEOTECHNICAL MAP OF TRACT 33910 AND PARCEL MAP 10094 CITY OF MONTEREY PARK

GRADING PLAN II
TRACT NO. 33910 & PARCEL MAP 10094
IN THE CITY OF MONTEREY PARK
for McCASLIN PACIFIC PROPERTIES

JOB NO. 77-702
SHEET 3 OF 3
DR 77156

AS GRADED GEOTECHNICAL MAP of TRACT 33910 & PARCEL MAP 10094 CITY OF MONTEREY PARK

27A08-04	1" = 40	15 Nov 1978
DES / DR		SL

LEGEND

- Cg — CONGLOMERATE
- Ss — SANDSTONE
- Slt — SANDSTONE AND SILTSTONE
- Qt — TERRACE DEPOSIT
- BEDDING ATTITUDE (DASHED WHERE BURIED)
- POORLY DEVELOPED BEDDING
- CONTACT (DOTTED WHERE BURIED)
- TRACE OF CLAY BED (DOTTED WHERE BURIED)
- SEEP
- Af_1 — APPROXIMATE LIMIT OF FILL PLACED DURING CURRENT GRADING
- Af_1 — FILL PLACED IN 1961 (DOTTED WHERE BURIED)
- Af_2 — FILL PLACED IN 1971 (DOTTED WHERE BURIED)
- 312 — ESTIMATED LOCATION OF DENSITY TEST
- APPROXIMATE LIMIT OF BUTTRESS KEY

PROFILE PRIVATE DRAIN
SCALE Horiz. 1" = 40' Vert. 1" = 4'

DETAIL 8" C.M.P. DRAIN

SURVEY REFERENCE

	HORIZONTAL CONTROL	VERTICAL CONTROL	TOPOGRAPHY	ERROR SECTIONS
F.B.				
PG.				

CLIENT

PREPARED IN THE OFFICE OF LOCKMAN & ASSOCIATES, CIVIL ENGINEERS

GRADING PLAN I
TRACT NO. 33910 & PARCEL MAP 10094
IN THE CITY OF MONTEREY PARK
for McCASLIN PACIFIC PROPERTIES

File no.	77-702
SHEET:	2
OF	3
O.R.	7750

APPENDIX B

EXPLORATION LOGS

Appendix B.1 – Exploration Boring Logs (2023)

GEOTECHNICAL BORING LOG LB-1

Project No.	19850	**Date Drilled**	12-1-23
Project	1977 Saturn Street Data Center Project	**Logged By**	LFO
Drilling Co.	Martini Drilling Co.	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	364'
Location	See Figure 2A - Boring Location Map	**Sampled By**	LFO

Elevation Feet	Depth Feet	Graphic Log	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
		N S							*This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.*	
	0								@Surface: 3.5" asphalt concrete over 9" base	
								SP-SM	**Engineered Fill, Compacted (Afe) - Leighton 1978** @1.04': SAND w/ Silt, reddish brown, predominantly fine sand, trace medium sand, some clay	
360				S-1	3 5 7			SM	@3.0': Silty SAND, reddish brown mottled grayish brown, slightly moist, dense, predominately medium sand, trace coarse sand, some clay, some fine subrounded gravels (% Passing No. 200 Sieve = 23.9%).	-200
	5			R-2	7 20 25	109.5	14.0	SM	@5.0': Silty SAND, reddish brown mottled grayish brown, slightly moist, dense, predominately medium sand, trace coarse sand, some clay, some fine subrounded gravels.	
355				S-3	3 7 10			SC	@7.5': Clayey SAND, light yellowish brown, slightly moist, stiff, low plasticity (Plasticity Index = 14), Fe-stained, predominantly fine sand (% Passing No. 200 Sieve = 35.9%)	-200, AL
	10			R-4	7 15 26	103.9	22.8	CLs	@10': Sandy CLAY, medium brown, hard, slightly moist, fine-grained sand particles (quartz and feldspar), quartz is light gray translucent, feldspar appears as white chips, subangular, quartz grains subangular to subrounded, few small root hairs, no reaction with HCl, poorly developed structure, moderate clay development on parting surfaces (shrink and swell).	
350										
	15			S-5	4 9 13			CL-ML	@15': Clayey SILT with very fine Sand, light medium brown, hard, poorly developed blocky structure, moderate clay development on parting surfaces (internal shear planes, shrink and swell).	
									Pliocene-Pleistocene Fernando Formation (Tfsc)	
345										
	20			S-6	7 14 20		19.7		@20': SANDSTONE, yellowish brown, hard, fine sand (% Passing No. 200 Sieve = 44.1%), slightly moist, slightly micaceous, contains Fe-stained veins, degrades to Clayey SAND.	-200
340										
	25			S-7	15 29 50/6"				@25': Conglomerate SANDSTONE, reddish to orange brown, hard, medium to coarse sand, medium subrounded gravels, slightly moist, micaceous	
335										
	30									

SAMPLE TYPES:

B	BULK SAMPLE
C	CORE SAMPLE
G	GRAB SAMPLE
R	RING SAMPLE
S	SPLIT SPOON SAMPLE
T	TUBE SAMPLE

TYPE OF TESTS:

-200	% FINES PASSING	DS	DIRECT SHEAR	SA	SIEVE ANALYSIS
AL	ATTERBERG LIMITS	EI	EXPANSION INDEX	SE	SAND EQUIVALENT
CN	CONSOLIDATION	H	HYDROMETER	SG	SPECIFIC GRAVITY
CO	COLLAPSE	MD	MAXIMUM DENSITY	UC	UNCONFINED COMPRESSIVE STRENGTH
CR	CORROSION	PP	POCKET PENETROMETER		
CU	UNDRAINED TRIAXIAL	RV	R VALUE		

Leighton

*** * * This log is a part of a report by Leighton and should not be used as a stand-alone document. * * ***

GEOTECHNICAL BORING LOG LB-1

Project No.	19850	**Date Drilled**	12-1-23
Project	1977 Saturn Street Data Center Project	**Logged By**	LFO
Drilling Co.	Martini Drilling Co.	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	364'
Location	See Figure 2A - Boring Location Map	**Sampled By**	LFO

Elevation Feet	Depth Feet	Graphic Log (N S)	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
	30			S-8	15 38 46				@30': Conglomerate SANDSTONE, reddish to orange brown, hard, medium to coarse sand, predominantly medium subrounded gravel, some coarse subrounded slate and quartzite-derived gravel, slightly moist, micaceous	
330	35								**T.D. 31.5' bgs** **No groundwater encountered during drilling.** **Boring backfilled with soil cuttings and patched with cold-mix asphalt.**	
325	40									
320	45									
315	50									
310	55									
305	60									

This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.

SAMPLE TYPES:

- B BULK SAMPLE
- C CORE SAMPLE
- G GRAB SAMPLE
- R RING SAMPLE
- S SPLIT SPOON SAMPLE
- T TUBE SAMPLE

TYPE OF TESTS:

- -200 % FINES PASSING
- AL ATTERBERG LIMITS
- CN CONSOLIDATION
- CO COLLAPSE
- CR CORROSION
- CU UNDRAINED TRIAXIAL
- DS DIRECT SHEAR
- EI EXPANSION INDEX
- H HYDROMETER
- MD MAXIMUM DENSITY
- PP POCKET PENETROMETER
- RV R VALUE
- SA SIEVE ANALYSIS
- SE SAND EQUIVALENT
- SG SPECIFIC GRAVITY
- UC UNCONFINED COMPRESSIVE STRENGTH

Leighton

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GEOTECHNICAL BORING LOG LB-2

Project No.	19850	**Date Drilled**	12-1-23
Project	1977 Saturn Street Data Center Project	**Logged By**	LFO
Drilling Co.	Martini Drilling Co.	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	364'
Location	See Figure 2A - Boring Location Map	**Sampled By**	LFO

Elevation Feet	Depth Feet	Graphic Log (N S)	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
	0								@Surface: 1" asphalt concrete over 5" base	
				BB-1				SCg	**Engineered Fill, Compacted (Afe) - Leighton 1978** @6": Clayey SAND, light yellow brown, predominantly fine sand, trace medium to coarse sand, trace fine gravel, low plasticity, slightly moist @2': Coarse subrounded gravels ranging from 2 to 5" diameter, quartzite-derived	CR, EI, MD, RV
360										
	5			S-1	3 5 7		11.8	SC	@5': Clayey SAND, brown, very stiff, predominantly medium sand, some coarse sand, some fine to medium subrounded gravel (% Passing No. 200 Sieve = 33.7%), low plasticity (Plasticity Index = 15), slightly moist	-200, AL
				R-2	10 18 21	115.4	10.4	SC	**Engineered Fill, Compacted (Afe) - 1971** @7.5': Clayey SAND, olive, dense, coarse sand, some subrounded fine to medium gravel, moist	CO
355										
	10			S-3	3 6 6			CL-SP	@10': CLAY w/ Sand, dark gray, very stiff, fine sand, trace fine gravel, low plasticity, moist, Fe-stained	
								CL-ML	**Quaternary Alluvium (Qa)** @11.25': Silty CLAY, dark gray, low plasticity, moist	
350										
	15			S-4	3 6 9			sCL	@15': Sandy Lean CLAY, reddish brown mottled gray, very stiff, predominantly fine sand, trace medium sand, low plasticity, slightly moist, thinly laminated	
345										
	20			S-5	2 4 7		22.8	sCL	@20': Sandy Lean CLAY, brown, very stiff, fine sand, some silt (% Passing No. 200 Sieve = 54.1%), low plasticity (Plasticity Index = 11), moist	-200, AL
340										
	25			S-6	6 8 11				**Pliocene-Pleistocene Fernando Formation (Tfsc)** @25': Silty SANDSTONE, reddish to orange brown, hard, fine sand, low plasticity, moist, thinly laminated, heavily Fe-stained with depth, slightly micaceous	
335										
	30									

SAMPLE TYPES:

B	BULK SAMPLE
C	CORE SAMPLE
G	GRAB SAMPLE
R	RING SAMPLE
S	SPLIT SPOON SAMPLE
T	TUBE SAMPLE

TYPE OF TESTS:

-200	% FINES PASSING	DS	DIRECT SHEAR	SA	SIEVE ANALYSIS
AL	ATTERBERG LIMITS	EI	EXPANSION INDEX	SE	SAND EQUIVALENT
CN	CONSOLIDATION	H	HYDROMETER	SG	SPECIFIC GRAVITY
CO	COLLAPSE	MD	MAXIMUM DENSITY	UC	UNCONFINED COMPRESSIVE STRENGTH
CR	CORROSION	PP	POCKET PENETROMETER		
CU	UNDRAINED TRIAXIAL	RV	R VALUE		

Leighton

*** This log is a part of a report by Leighton and should not be used as a stand-alone document. ***

GEOTECHNICAL BORING LOG LB-2

Project No.	19850	**Date Drilled**	12-1-23
Project	1977 Saturn Street Data Center Project	**Logged By**	LFO
Drilling Co.	Martini Drilling Co.	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	364'
Location	See Figure 2A - Boring Location Map	**Sampled By**	LFO

Elevation Feet	Depth Feet	Graphic Log	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
		N S							*This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.*	
	30			S-7	16 20 24				@30': Silty SANDSTONE, dark reddish brown, hard, fine sand, slightly moist, Fe-stained, contains fractured white shells	
330										
	35			S-8	7 17 25				@35': Silty SANDSTONE, yellow brown, hard, recovered as Silty SAND, predominantly fine sand, trace coarse sand (% Passing No. 200 Sieve = 16.7%), slightly moist	-200
									T.D. 36.5' bgs **No groundwater encountered during drilling.** **Boring backfilled with soil cuttings and patched with cold-mix asphalt.**	
325	40									
320										
	45									
315										
	50									
310										
	55									
305										
	60									

SAMPLE TYPES:

- B BULK SAMPLE
- C CORE SAMPLE
- G GRAB SAMPLE
- R RING SAMPLE
- S SPLIT SPOON SAMPLE
- T TUBE SAMPLE

TYPE OF TESTS:

- -200 % FINES PASSING
- AL ATTERBERG LIMITS
- CN CONSOLIDATION
- CO COLLAPSE
- CR CORROSION
- CU UNDRAINED TRIAXIAL
- DS DIRECT SHEAR
- EI EXPANSION INDEX
- H HYDROMETER
- MD MAXIMUM DENSITY
- PP POCKET PENETROMETER
- RV R VALUE
- SA SIEVE ANALYSIS
- SE SAND EQUIVALENT
- SG SPECIFIC GRAVITY
- UC UNCONFINED COMPRESSIVE STRENGTH

Leighton

*** This log is a part of a report by Leighton and should not be used as a stand-alone document. ***

GEOTECHNICAL BORING LOG LB-3

Project No.	19850	**Date Drilled**	12-1-23
Project	1977 Saturn Street Data Center Project	**Logged By**	LFO
Drilling Co.	Martini Drilling Co.	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	345'
Location	See Figure 2A - Boring Location Map	**Sampled By**	LFO

Elevation Feet	Depth Feet	Graphic Log (N / S)	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
									This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.	
345	0								@Surface: 3" asphalt concrete over 11" base	
								sCL	**Engineered Fill, Compacted (Afe) - Leighton 1978** @14": Sandy CLAY, yellow brown mottled reddish brown, predominantly fine to medium sand, some coarse sand, low plasticity, moist	
								SC	@3': Clayey SAND, yellow brown, predominantly fine to medium sand, some coarse sand, trace fine gravel, low plasticity, moist	
340	5			R-1	9 24 45			sCL	@5': Sandy CLAY, reddish brown, hard, predominantly fine to medium sand, some coarse sand, low plasticity, moist, weakly laminated	
				S-2	4 6 28			SM	@7.4': Silty SAND, yellowish brown, very dense, medium sand (% Passing No. 200 Sieve = 36.4%), low plasticity, slightly moist	-200
335	10			R-3	36 50/4"	118.6	8.6		**Pliocene-Pleistocene Fernando Formation (Tfsc)** @9': Gravelly SANDSTONE, reddish orange to white, medium to coarse sand, fine to medium gravel, slightly moist @10': Gravelly SANDSTONE, reddish orange to white, hard, medium to coarse sand, fine to medium gravel derived from quartzite, schist, and granite, slightly moist	
330	15			S-4	24 38 40				@15': Silty SANDSTONE with Gravel, yellowish brown, hard, medium to coarse sand (% Passing No. 200 Sieve = 17.8%), some fine to medium gravel derived from quartzite, schist, and granite, slightly moist	-200
									T.D. 16.5' bgs **No groundwater encountered during drilling.** **Boring backfilled with soil cuttings and patched with cold-mix asphalt.**	
325	20									
320	25									
315	30									

SAMPLE TYPES:

- B BULK SAMPLE
- C CORE SAMPLE
- G GRAB SAMPLE
- R RING SAMPLE
- S SPLIT SPOON SAMPLE
- T TUBE SAMPLE

TYPE OF TESTS:

- -200 % FINES PASSING
- AL ATTERBERG LIMITS
- CN CONSOLIDATION
- CO COLLAPSE
- CR CORROSION
- CU UNDRAINED TRIAXIAL
- DS DIRECT SHEAR
- EI EXPANSION INDEX
- H HYDROMETER
- MD MAXIMUM DENSITY
- PP POCKET PENETROMETER
- RV R VALUE
- SA SIEVE ANALYSIS
- SE SAND EQUIVALENT
- SG SPECIFIC GRAVITY
- UC UNCONFINED COMPRESSIVE STRENGTH

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GEOTECHNICAL BORING LOG LB-4

Project No.	19850	**Date Drilled**	12-1-23
Project	1977 Saturn Street Data Center Project	**Logged By**	LFO
Drilling Co.	Martini Drilling Co.	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	345'
Location	See Figure 2A - Boring Location Map	**Sampled By**	LFO

Elevation Feet	Depth Feet	Graphic Log	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
		N S							*This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.*	
345	0								@Surface: 6.5" asphalt concrete over 5" base	
				BB-1				SC	**Engineered Fill, Compacted (Afe) - Leighton 1978** @11.5": Clayey SAND, yellowish brown, predominantly medium sand, some coarse sand, trace coarse subrounded gravel (Sieve Analysis: Gravel = 8%, Sand = 61%, Fines = 31%), low plasticity, slightly moist	SA
340	5			S-1	37 37 38				**Pliocene-Pleistocene Fernando Formation (Tfsc)** @3': Conglomerate SANDSTONE, reddish brown, predominantly medium to coarse sand, medium subrounded gravel, some gray clay blebs, slightly moist @5': hard	
				R-2	29 50/4"	105.9	7.7		@7.5': hard	
335	10			S-3	31 36 33				@10': Conglomerate SANDSTONE, reddish brown, very dense, predominantly medium to coarse sand, medium subrounded gravel derived from quartzite and granite, some gray clay blebs, slightly moist	
									T.D. 11.5' bgs **No groundwater encountered during drilling.** **Boring backfilled with soil cuttings and patched with cold-mix asphalt.**	
330	15									
325	20									
320	25									
315	30									

SAMPLE TYPES:

B	BULK SAMPLE
C	CORE SAMPLE
G	GRAB SAMPLE
R	RING SAMPLE
S	SPLIT SPOON SAMPLE
T	TUBE SAMPLE

TYPE OF TESTS:

-200	% FINES PASSING	DS	DIRECT SHEAR	SA	SIEVE ANALYSIS
AL	ATTERBERG LIMITS	EI	EXPANSION INDEX	SE	SAND EQUIVALENT
CN	CONSOLIDATION	H	HYDROMETER	SG	SPECIFIC GRAVITY
CO	COLLAPSE	MD	MAXIMUM DENSITY	UC	UNCONFINED COMPRESSIVE STRENGTH
CR	CORROSION	PP	POCKET PENETROMETER		
CU	UNDRAINED TRIAXIAL	RV	R VALUE		

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GEOTECHNICAL BORING LOG LB-5

Project No.	19850	**Date Drilled**	12-1-23
Project	1977 Saturn Street Data Center Project	**Logged By**	LFO
Drilling Co.	Martini Drilling Co.	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	362'
Location	See Figure 2A - Boring Location Map	**Sampled By**	LFO

Elevation Feet	Depth Feet	Graphic Log	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
		N S							*This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.*	
360	0			BB-1					@Surface: 2.5" asphalt concrete over 11" base **Pliocene-Pleistocene Fernando Formation (Tfsc)** @13": SANDSTONE, yellow brown, predominantly fine sand, trace medium to coarse sand, trace fine to coarse subrounded gravel, some clay, moist	
355	5			R-1	41 50/3"	111.2	9.1		@5': Gravelly SANDSTONE, yellow brown, hard, medium to coarse sand, fine subrounded gravel, moist, micaceous	
				S-2	18 50/6"				@7.5': Gravelly SANDSTONE, yellow brown, hard, medium to coarse sand, predominantly fine subrounded gravel, some medium subrounded gravel derived from biotite schist and quartzite, moist, micaceous	
350	10			R-3	33 50/4.5"	112.6	11.9		@8.5': Fe-staining in sandstone matrix @10': Gravelly SANDSTONE, yellow brown, hard, medium to coarse sand, predominantly fine subrounded gravel, some medium subrounded gravel derived from biotite schist and quartzite, moist, micaceous, interbedded with 1-2" thick orange brown shale	
345	15								**T.D. 10.88' bgs** **No groundwater encountered during drilling.** **Boring backfilled with soil cuttings and patched with cold-mix asphalt.**	
340	20									
335	25									
	30									

SAMPLE TYPES:

- B BULK SAMPLE
- C CORE SAMPLE
- G GRAB SAMPLE
- R RING SAMPLE
- S SPLIT SPOON SAMPLE
- T TUBE SAMPLE

TYPE OF TESTS:

- -200 % FINES PASSING
- AL ATTERBERG LIMITS
- CN CONSOLIDATION
- CO COLLAPSE
- CR CORROSION
- CU UNDRAINED TRIAXIAL
- DS DIRECT SHEAR
- EI EXPANSION INDEX
- H HYDROMETER
- MD MAXIMUM DENSITY
- PP POCKET PENETROMETER
- RV R VALUE
- SA SIEVE ANALYSIS
- SE SAND EQUIVALENT
- SG SPECIFIC GRAVITY
- UC UNCONFINED COMPRESSIVE STRENGTH

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Appendix B.2 – Exploration Log (2015 Offsite)

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GEOTECHNICAL BORING LOG LB-1

Project No.	11173.001	**Date Drilled**	10-23-15
Project	Swinerton Builders - Monterey Park	**Logged By**	ARR
Drilling Co.	2R Drilling	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	359'
Location	See Figure 2, Exploration Location Map	**Sampled By**	ARR

Elevation Feet	Depth Feet	Graphic Log (N S)	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
									This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.	
	0			BB-1				SC	**Artificial Fill, compacted (Afc)** @Surface: Grass sod over Clayey SAND with Gravel (SC), dry to slightly moist, fine sand, very weathered angular granitic gravel, trace clay, roots	MD, AL, SA, CR
355									@3': becomes light yellowish to reddish brown, fine sand, fine and coarse gravel	
	5			R-1	9 11 11	119.6	12.3	SC-CL	@5': Clayey SAND (SC) to Sandy CLAY (CL), mottled brown, gray and reddish brown, moist, medium dense, predominantly fine sand with few medium to coarse sand	DS
				S-1	5 6 9			SC	@7.5': Clayey SAND with Gravel (SC), mottled reddish to olive brown, moist, medium dense, fine to medium sand, fine very weathered gravel	
350	10			R-2	8 9 13	119.4	12.9	SC-CL	@10': Clayey SAND (SC) to Sandy CLAY (CL), mottled light brown to orange brown, moist, medium dense, fine to medium sand, trace coarse sand, trace gravel	DS
				S-2	3 2 2			CL	@12.5': Silty sandy CLAY (CL), dark olive brown, very moist, soft, trace crushed very weathered gravel, gray fine sand lenses	
345	15			R-3	8 15 16	121.7	11.3		**Fernando Formation (Tfsc)** @15': Clayey Gravelly SANDSTONE, grayish brown, moist, dense, predominantly fine to medium sand, some coarse sand, very weathered, granitic, basalt and quartz derived gravel	DS
				S-3	10 20 45				@17.5': Gravelly SANDSTONE, light reddish brown, slightly moist to moist, very dense, fine to coarse sand, fine very weathered gravel, trace clay	
340	20			R-4	26 36 50/6"				@20': same as above	
				S-4	25 40 50/6"				@22.5': same as above	
335	25			R-5	35 50/6"				@25': Conglomerate SANDSTONE, mottled olive brown to reddish brown, moist, very dense, fine to coarse sand, fine and coarse gravel, trace clay in matrix	
				S-5	15 35 37				@27.5': Gravelly SANDSTONE, light reddish brown, moist, very dense, fine to coarse sand, fine gravel, trace clay	
330	30									

SAMPLE TYPES:

B	BULK SAMPLE
C	CORE SAMPLE
G	GRAB SAMPLE
R	RING SAMPLE
S	SPLIT SPOON SAMPLE
T	TUBE SAMPLE

TYPE OF TESTS:

-200	% FINES PASSING	DS	DIRECT SHEAR	SA	SIEVE ANALYSIS
AL	ATTERBERG LIMITS	EI	EXPANSION INDEX	SE	SAND EQUIVALENT
CN	CONSOLIDATION	H	HYDROMETER	SG	SPECIFIC GRAVITY
CO	COLLAPSE	MD	MAXIMUM DENSITY	UC	UNCONFINED COMPRESSIVE STRENGTH
CR	CORROSION	PP	POCKET PENETROMETER	UU	UNCONSOLIDATED UNDRAINED TRIAXIAL
CU	UNDRAINED TRIAXIAL	RV	R VALUE	SW	SWELL OR SETTLEMENT

*** This log is a part of a report by Leighton and should not be used as a stand-alone document. ***

GEOTECHNICAL BORING LOG LB-1

Project No.	11173.001	**Date Drilled**	10-23-15
Project	Swinerton Builders - Monterey Park	**Logged By**	ARR
Drilling Co.	2R Drilling	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	359'
Location	See Figure 2, Exploration Location Map	**Sampled By**	ARR

Elevation Feet	Depth Feet	Graphic Log (N S)	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
	30			R-6	50/6"				@30': Conglomerate SANDSTONE, reddish brown, moist, very dense, fine to coarse sand, fine and coarse gravel, trace clay in matrix	
				S-6	24 31 33				@32.5': Gravelly SANDSTONE, light reddish brown, moist, very dense, fine to coarse sand, fine gravel, trace clay	
325	35			R-7	35 50/2"				@35': Clayey SANDSTONE with Gravel, reddish brown, very moist, predominantly medium sand, few fine and coarse sand, trace coarse angular gravel	
									Notes: Total Depth: 35.7 feet bgs No groundwater encountered during drilling Boring backfilled with soil cuttings and capped with sod	
320	40									
315	45									
310	50									
305	55									
300	60									

SAMPLE TYPES:

B	BULK SAMPLE
C	CORE SAMPLE
G	GRAB SAMPLE
R	RING SAMPLE
S	SPLIT SPOON SAMPLE
T	TUBE SAMPLE

TYPE OF TESTS:

-200	% FINES PASSING	DS	DIRECT SHEAR	SA	SIEVE ANALYSIS
AL	ATTERBERG LIMITS	EI	EXPANSION INDEX	SE	SAND EQUIVALENT
CN	CONSOLIDATION	H	HYDROMETER	SG	SPECIFIC GRAVITY
CO	COLLAPSE	MD	MAXIMUM DENSITY	UC	UNCONFINED COMPRESSIVE STRENGTH
CR	CORROSION	PP	POCKET PENETROMETER	UU	UNCONSOLIDATED UNDRAINED TRIAXIAL
CU	UNDRAINED TRIAXIAL	RV	R VALUE	SW	SWELL OR SETTLEMENT

*** This log is a part of a report by Leighton and should not be used as a stand-alone document. ***

Appendix B.3 – Test Pits (1977)

APPENDIX A

GEOTECHNICAL TRENCH LOGS

TRENCH 1 - Parcel 1

0 to 4 feet - FILL, SILTY SAND WITH GRAVEL: Damp, light brown to tan, pieces of gray sandstone, dense. (SM)

4 to 12.5 feet - ALLUVIUM, CLAYEY SILTY SAND WITH GRAVEL: Dry to damp, dark brown, highly porous with root hairs, moist below 7 feet--still porous, loose to medium-dense with depth. (SM)

12.5 to 14 feet - BEDROCK, SANDSTONE: Damp to moist, rusty brown, dense. (SM)

TRENCH 2 - Parcel 3

0 to 7 feet - BEDROCK, SANDSTONE: Damp, yellow/orange, 5-inch pebble/cobble conglomerate interbedded, very dense, bedding: N85°W, 40°SW. (SW)

TRENCH 3 - Lot 1

0 to 1.5 feet - FILL, CLAYEY SILTY SAND WITH GRAVEL: Dry, brown, very loose. SC

1.5 inches to 3.5 feet - BEDROCK; CLAYEY SAND AND GRAVEL WITH COBBLE TO 6 INCHES: Moist, rusty brown, very dense. SW-SC

TRENCH 4 - Lot 2

0 to 2 feet - ALLUVIUM, CLAYEY SILTY SAND WITH GRAVEL: Dry to damp, dark brown, loose. (SM)

2 to 3.5 feet - BEDROCK, CLAYEY SAND AND GRAVEL WITH COBBLE TO 6 INCHES: Damp to moist, rusty brown, dense. (SC)

TRENCH 5 - Lot 2

0 to 4.5 feet - ALLUVIUM, CLAYEY SILTY SAND WITH GRAVEL: Dry, dark brown, highly porous with root hairs, loose, damp and very dense from 2 feet to 4.5 feet. (SM)

4.5 to 5.5 feet - ALLUVIUM, COARSE SAND AND GRAVEL: Damp, tan, dense. (SP)

APPENDIX A

GEOTECHNICAL TRENCH LOGS (CONTINUED)

TRENCH 5 (Continued)

5.5 to 6 feet 4 inches - ALLUVIUM, CLAYEY SILTY FINE SAND: Moist, light brown, dense. (SC)

6 feet 4 inches to 7 feet 4 inches - ALLUVIUM, COARSE SAND AND GRAVEL: Moist, light brown, dense. (SP)

7 feet 4 inches to 7 feet 8 inches - BEDROCK, SANDSTONE: Medium brown, medium dense. (SW)

TRENCH 6 - Lot 7

0 to 2 feet - BEDROCK CLAYEY SAND AND GRAVEL WITH COBBLE TO 6 INCHES: Moist, rusty brown, dense to very dense. (SC)

TRENCH 7 - Lot 5

0 to 2 feet - BEDROCK, CLAYEY SAND AND GRAVEL WITH COBBLE TO 6 INCHES: Moist, rusty brown, dense to very dense. (SC)

TRENCH 8 - Lot 8

0 to 5.5 feet - FILL, SANDY SILTY CLAY: Dry to damp, medium brown, pieces of wood, brick, asphaltic concrete, soft. (CL)

5.5 to 7 feet - BEDROCK, SANDSTONE: Damp, rusty brown, weathered, dense. (SP-SC)

TRENCH 9 - Lot 11

0 to .5 feet - FILL, CLAYEY SILTY SAND WITH GRAVEL: Dry, dark brown, loose. (SM)

.5 to 3 feet - BEDROCK, CLAYEY SAND AND GRAVEL WITH COBBLE TO 6 INCHES: Moist, rusty brown, dense to very dense. (SC)

APPENDIX A

GEOTECHNICAL TRENCH LOGS (CONTINUED)

TRENCH 10 - Lot 10

0 to .5 feet - FILL, CLAYEY SAND AND GRAVEL WITH COBBLE TO 4 INCHES: Dry to damp, rusty brown, pieces of concrete, medium dense. (SC)

.5 to 6.75 feet - ALLUVIUM, CLAYEY SAND WITH GRAVEL: Damp, medium brown, porous, becomes moist with depth, medium dense. (SC)

6.75 to 8 feet - ALLUVIUM, SANDY CLAY: Moist, medium brown, stiff. (CL)

8 to 10 feet - BEDROCK, SANDSTONE: Moist, rusty brown, dense. (SM)

TRENCH 11 - Lot 10

0 to 6.5 feet - FILL, SILTY FINE SAND WITH TRACES OF GRAVEL: Moist, tan, few 6± inch lifts of dark brown clayey sand, medium dense. SM

6.5 to 9 feet - ALLUVIUM, CLAYEY SAND WITH GRAVEL: Moist, medium brown, porous, medium dense. (SC)

9 to 10 feet
8 inches - BEDROCK, SANDSTONE: Moist, rusty brown, dense. (SM)

TRENCH 12 - Lot 10

0 to 2 feet - BEDROCK, SANDSTONE: Damp, rusty brown, dense. (SM)

2 to 2.5 feet - BEDROCK, SANDSTONE: Damp, gray with rust specks. (SW)

TRENCH 13 - Lot 11

0 to 17.5 feet - FILL, CLAYEY SAND WITH GRAVEL, SANDY SILTY CLAY, SILTY SAND ALTERNATING: Dry to damp, mottled browns, piece of brick at 4 feet, dry 8± inch lift at 3 feet 8 inches, moist below 4 feet 6 inches, stiff and dense. SC

TRENCH 14 - Lot 13

0 to 12 feet - FILL, CLAYEY SAND WITH GRAVEL, SANDY SILTY CLAY, SILTY SAND ALTERNATING: Dry to damp, mottled browns, loose from 4 to 5 feet, pieces of concrete and asphaltic concrete at 7 feet. (SC)

APPENDIX A

GEOTECHNICAL TRENCH LOGS (CONTINUED)

TRENCH 14 (Continued)

12 to 13.5 feet - BEDROCK, CLAYEY SAND AND GRAVEL WITH COBBLE TO 6 INCHES: Moist, rusty brown, root hairs, dense to very dense. (SC)

TRENCH 15 - Lot 12

0 to 4.5 feet - FILL, CLAYEY SAND WITH GRAVEL, SANDY SILTY CLAY, SILTY SAND ALTERNATING: Dry to damp, mottled browns, stiff and dense. (SC)

4.5 to 6.5 feet - ALLUVIUM, CLAYEY SILTY SAND WITH GRAVEL: Dry-damp, dark brown, highly porous with root hairs, medium dense. (SM)

6.5 to 8 feet - BEDROCK, SANDSTONE: Moist, rusty brown, porous with root hairs, dense. (SM)

TRENCH 16 - Lot 12

0 to 4 feet - ALLUVIUM, CLAYEY SILTY SAND WITH GRAVEL: Dry, dark brown, highly porous with root hairs, medium dense. (SM)

4 to 9 feet - ALLUVIUM, SANDY SILTY CLAY WITH GRAVEL: Moist, medium brown, highly porous, stiff. (CL)

9 to 10 feet - BEDROCK, SANDSTONE: Very moist, rusty brown, dense. (SM)

TRENCH 17 - Lot 3

0 to 16 inches - ALLUVIUM, CLAYEY SILTY SAND WITH GRAVEL: Dry, dark brown, highly porous with root hairs, dense. (SM)

16 inches to 2.5 feet - ALLUVIUM, CLAYEY SILTY SAND WITH GRAVEL: Damp, medium brown, very dense. (SC)

2.5 to 3 feet - BEDROCK, SANDSTONE: Damp, rusty brown, slightly porous with root hairs, dense. (SM)

APPENDIX C

LABORATORY TEST RESULTS

APPENDIX C - GEOTECHNICAL LABORATORY TESTING

Our geotechnical laboratory testing program was directed toward a quantitative and qualitative evaluation of physical and mechanical properties of soils underlying this campus at proposed improvements, and to aid in verifying soil classification. This geotechnical testing was performed at our Irvine laboratory (DSA LEA 63).

Percentage Passing Sieve No. 200 Sieve (-200): Selected soil samples were wet-wash sieved through a No. 200 U.S. Standard brass sieve in accordance with ASTM Test Methods D 1140 to measure percent fines (silts and clays). This data was used to refine the Unified Soil Classification for tested soil samples. Test results are presented in this appendix and on logs in Appendix B.

Modified Proctor Compaction Curve (MD): Laboratory modified Proctor compaction curves (ASTM D 1557) were established for bulk soil-samples to determine sample-specific modified Proctor laboratory maximum dry density and optimum moisture content. Results of these tests are presented on the following "*Modified Proctor Compaction Test*" sheets in this appendix.

Sieve Analysis (SA): Selected composite soil samples were tested for grain size distribution in accordance with ASTM Test Methods D 6913 to measure grain size. This data was used to refine the Unified Soil Classification for tested soil samples. Test results are presented in this appendix and on logs in Appendix B.

Atterberg Limit Tests: Atterberg Limit tests were performed, in general accordance with ASTM Test Method D 4318, selected soils containing clay material to determine soil compressibility. Following the Dry Preparation Procedure, the soil was dried in an oven at or less than 60° C, pulverized in a mortar and rubber-tipped pestle, and repeatedly sieved using a No. 40 (425-µm) sieve until material retained in the sieve consists of individual grains. The soil that passed through the No. 40 sieve was then placed in a cup and patted with a spatula to a thickness of ~10 mm. A groove was then made in the soil pat from the center to the rim of the of cup and placed in a liquid limit device, where the cup was lifted and dropped until the groove closes (between 25 and 35 drops). The number of drops and moisture content of the soil were then used to determine the soil's liquid limit and plasticity index. Test results are presented in this appendix and on logs in Appendix B.

Swell Potential or Settlement (CO): Selected composite soil samples were tested for wetting-induced swell/collapse strains to develop estimates of heave or settlement of a confined soil profile in accordance with ASTM D 4546. The load-induced strains after

wetting are used to estimate stress-induced settlement following wetting-induced heave or settlement. Test results are presented in this appendix and on logs in Appendix B.

Corrosivity Tests: To evaluate corrosion potential of subsurface soils at the site, we tested a bulk sample collected during our subsurface exploration for pH, electrical resistivity (CTM 643), soluble sulfate content (CTM 417 Part II) and soluble chloride content (CTM 422) testing. Results of these tests are enclosed at the end of this appendix.

R-Value Tests (RV): Selected samples were tested in accordance with DOT CA Test 301. The R-Value test measures the response of a compacted sample of soil or aggregate to a vertically applied pressure under specific conditions. This test is used by Caltrans for pavement design, replacing the California bearing ratio test. The R-value of a material is determined when the material is in a state of saturation such that water will be exuded from the compacted test specimen when a 16.8 kN load (2.07 MPa) is applied to test a series of specimens prepared at different moisture contents. R-Value is used in pavement design, with the thickness of each layer dependent on the R-value of the layer below and the expected level of traffic loading, expressed as a Traffic Index. Results of these tests are enclosed at the end of this appendix.

Expansion Tests (EI): In accordance with ASTM D 4829 the specimen is compacted into a metal ring so that the degree of saturation is between 40 and 60 % and the specimen and the ring are placed in a consolidometer. A vertical confining pressure of 1 psi is applied to the specimen and then the specimen is inundated with distilled water. The deformation of the specimen is recorded for 24 hours or until the rate of deformation becomes less than 0.005 mm/hour. The Expansion Index, EI, is used to measure a basic index property of soil and therefore, the EI is comparable to other indices such as the liquid limit, plastic limit, and plasticity index of soils. Results of these tests are enclosed at the end of this appendix.

Appendix C.1 – Lab Results (current)

TESTS for SULFATE CONTENT
CHLORIDE CONTENT and pH of SOILS

Project Name: 1977 Saturn Street | Tested By : GEB/JD | Date: 12/13/23

Project No. : 19850 | Checked By: J. Ward | Date: 12/29/23

Boring No.	LB-2			
Sample No.	BB-1			
Sample Depth (ft)	0-5			
Soil Identification:	Light yellowish brown (SC)g			
Wet Weight of Soil + Container (g)	0.00			
Dry Weight of Soil + Container (g)	0.00			
Weight of Container (g)	1.00			
Moisture Content (%)	0.00			
Weight of Soaked Soil (g)	100.17			

SULFATE CONTENT, DOT California Test 417, Part II

Beaker No.	402			
Crucible No.	4			
Furnace Temperature (°C)	860			
Time In / Time Out	9:00/9:45			
Duration of Combustion (min)	45			
Wt. of Crucible + Residue (g)	21.6373			
Wt. of Crucible (g)	21.6340			
Wt. of Residue (g) (A)	0.0033			
PPM of Sulfate (A) x 41150	135.79			
PPM of Sulfate, Dry Weight Basis	**136**			

CHLORIDE CONTENT, DOT California Test 422

ml of Extract For Titration (B)	30			
ml of AgNO3 Soln. Used in Titration (C)	0.7			
PPM of Chloride (C -0.2) * 100 * 30 / B	50			
PPM of Chloride, Dry Wt. Basis	**50**			

pH TEST, DOT California Test 643

pH Value	**7.81**			
Temperature °C	22.9			

SOIL RESISTIVITY TEST

DOT CA TEST 643

Project Name:	1977 Saturn Street		Tested By :	G. Berdy	Date: 12/13/23
Project No. :	19850		Checked By:	J. Ward	Date: 12/29/23
Boring No.:	LB-2		Depth (ft.) :	0-5	
Sample No. :	BB-1				

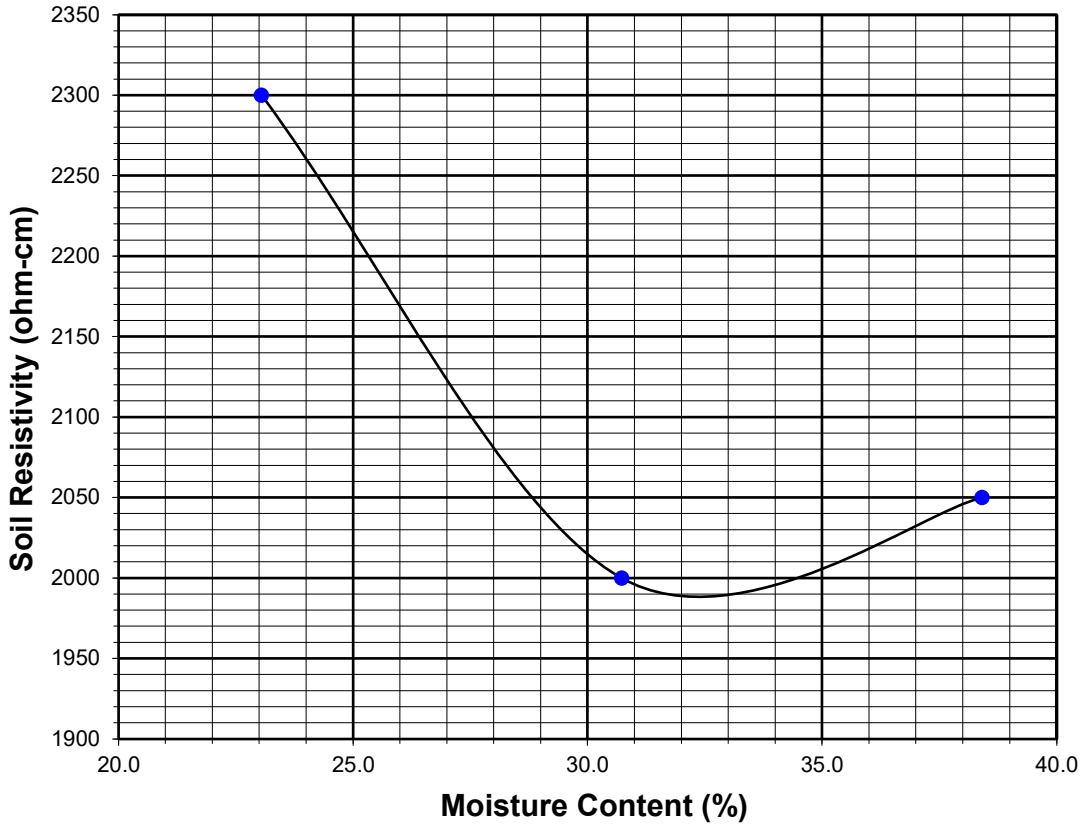
Soil Identification:* Light yellowish brown (SC)g

*California Test 643 requires soil specimens to consist only of portions of samples passing through the No. 8 US Standard Sieve before resistivity testing. Therefore, this test method may not be representative for coarser materials.

Specimen No.	Water Added (ml) (Wa)	Adjusted Moisture Content (MC)	Resistance Reading (ohm)	Soil Resistivity (ohm-cm)
1	30	23.05	2300	2300
2	40	30.73	2000	2000
3	50	38.41	2050	2050
4				
5				

Moisture Content (%) (MCi)	0.00
Wet Wt. of Soil + Cont. (g)	0.00
Dry Wt. of Soil + Cont. (g)	0.00
Wt. of Container (g)	1.00
Container No.	
Initial Soil Wt. (g) (Wt)	130.18
Box Constant	1.000
MC =(((1+Mci/100)x(Wa/Wt+1))-1)x100	

Min. Resistivity (ohm-cm)	Moisture Content (%)	Sulfate Content (ppm)	Chloride Content (ppm)	Soil pH	
				pH	Temp. (°C)
DOT CA Test 643		DOT CA Test 417 Part II	DOT CA Test 422	DOT CA Test 643	
1990	**32.4**	**136**	**50**	**7.81**	**22.9**



EXPANSION INDEX of SOILS
ASTM D 4829

Project Name:	1977 Saturn Street	Tested By:	GEB/ACS	Date:	12/13/23
Project No.:	19850	Checked By:	J. Ward	Date:	12/29/23
Boring No.:	LB-2	Depth (ft.):	0-5		
Sample No.:	BB-1				
Soil Identification:	Light yellowish brown clayey sand with gravel (SC)g				

Dry Wt. of Soil + Cont. (g)	1000.00
Wt. of Container No. (g)	0.00
Dry Wt. of Soil (g)	1000.00
Weight Soil Retained on #4 Sieve	0.00
Percent Passing # 4	100.00

MOLDED SPECIMEN	Before Test	After Test
Specimen Diameter (in.)	4.01	4.01
Specimen Height (in.)	1.0000	1.0175
Wt. Comp. Soil + Mold (g)	619.50	444.00
Wt. of Mold (g)	204.30	0.00
Specific Gravity (Assumed)	2.70	2.70
Container No.	O	O
Wet Wt. of Soil + Cont. (g)	824.10	648.30
Dry Wt. of Soil + Cont. (g)	757.40	585.90
Wt. of Container (g)	0.00	204.30
Moisture Content (%)	8.81	16.35
Wet Density (pcf)	125.2	131.6
Dry Density (pcf)	115.1	113.1
Void Ratio	0.465	0.490
Total Porosity	0.317	0.329
Pore Volume (cc)	65.7	69.3
Degree of Saturation (%) [S_{meas}]	**51.2**	90.1

SPECIMEN INUNDATION in distilled water for the period of 24 h or expansion rate < 0.0002 in./h

Date	Time	Pressure (psi)	Elapsed Time (min.)	Dial Readings (in.)
12/13/23	10:26	1.0	0	0.4475
12/13/23	10:36	1.0	10	0.4465
Add Distilled Water to the Specimen				
12/13/23	11:00	1.0	24	0.4580
12/14/23	8:22	1.0	1306	0.4650
12/14/23	10:00	1.0	1404	0.4650

Expansion Index (EI_{meas}) = ((Final Rdg - Initial Rdg) / Initial Thick.) x 1000	**19**

MODIFIED PROCTOR COMPACTION TEST

ASTM D 1557

Project Name:	1977 Saturn Street	Tested By:	R. Cast	Date:	12/13/23
Project No.:	19850	Input By:	J. Ward	Date:	12/29/23
Boring No.:	LB-2	Depth (ft.):	0-5		
Sample No.:	BB-1				
Soil Identification:	Light yellowish brown clayey sand with gravel (SC)g				

Note: Corrected dry density calculation assumes specific gravity of 2.70 and moisture content of 1.0% for oversize particles

Preparation Method:	X	Moist	
		Dry	
Compaction Method	X	Mechanical Ram	
		Manual Ram	

Scalp Fraction (%)	
#3/4	
#3/8	11.4
#4	

Rammer Weight (lb.) = 10.0

Height of Drop (in.) = 18.0

Mold Volume (ft³) 0.03320

TEST NO.	1	2	3	4	5	6
Wt. Compacted Soil + Mold (g)	3698	3806	3901	3883		
Weight of Mold (g)	1808	1808	1808	1808		
Net Weight of Soil (g)	1890	1998	2093	2075		
Wet Weight of Soil + Cont. (g)	713.4	843.5	803.7	1148.4		
Dry Weight of Soil + Cont. (g)	686.4	793.9	741.1	1036.5		
Weight of Container (g)	74.5	88.0	77.3	88.9		
Moisture Content (%)	4.41	7.03	9.43	11.81		
Wet Density (pcf)	125.5	132.7	139.0	137.8		
Dry Density (pcf)	120.2	124.0	127.0	123.2		

Maximum Dry Density (pcf) 127.0

Corrected Dry Density (pcf) 130.7

Optimum Moisture Content (%) 9.5

Corrected Moisture Content (%) 8.5

☐ **Procedure A**
Soil Passing No. 4 (4.75 mm) Sieve
Mold : 4 in. (101.6 mm) diameter
Layers : 5 (Five)
Blows per layer : 25 (twenty-five)
May be used if +#4 is 20% or less

☒ **Procedure B**
Soil Passing 3/8 in. (9.5 mm) Sieve
Mold : 4 in. (101.6 mm) diameter
Layers : 5 (Five)
Blows per layer : 25 (twenty-five)
Use if +#4 is >20% and +3/8 in. is 20% or less

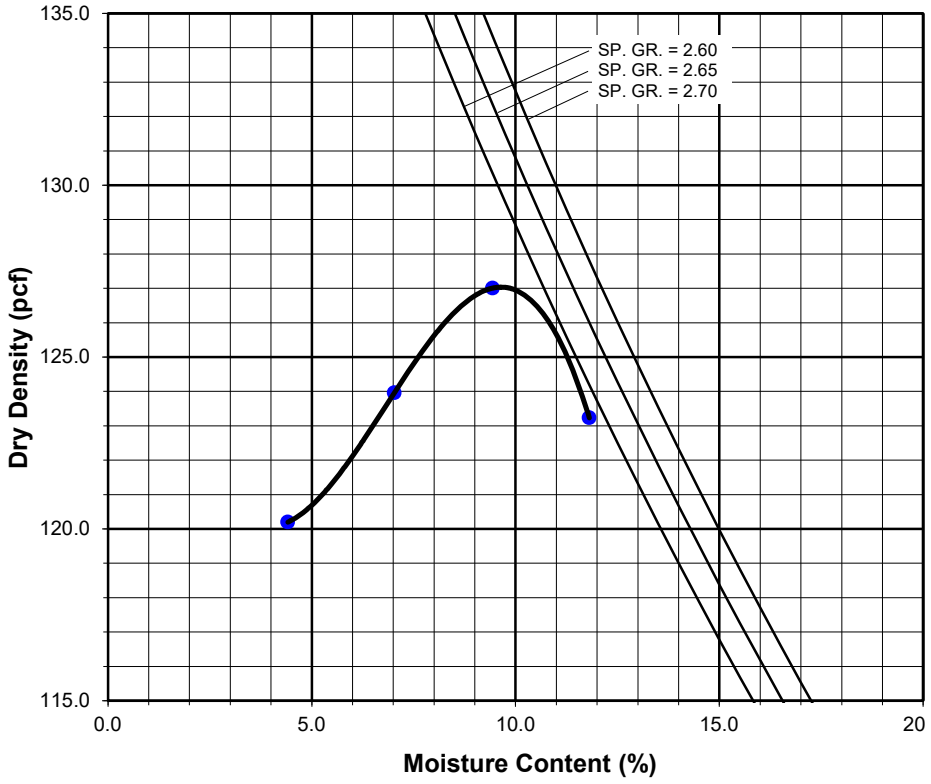
☐ **Procedure C**
Soil Passing 3/4 in. (19.0 mm) Sieve
Mold : 6 in. (152.4 mm) diameter
Layers : 5 (Five)
Blows per layer : 56 (fifty-six)
Use if +3/8 in. is >20% and +¾ in. is <30%

Particle-Size Distribution:

GR:SA:FI

Atterberg Limits:

LL,PL,PI



Boring No.	LB-1	LB-1	LB-1	LB-2	LB-2	LB-3	LB-3	
Sample No.	S-1	S-3	S-6	S-5	S-8	S-2	S-4	
Depth (ft.)	3.0	7.5	20.0	20.0	35.0	7.5	15.0	
Sample Type	SPT	SPT	SPT	SPT	SPT	SPT	SPT	
Soil Identification	Reddish brown silty sand (SM)	Light yellowish brown clayey sand (SC)	Yellowish brown clayey sand (SC)	Brown sandy lean clay s(CL)	Yellowish brown silty sand (SM)	Yellowish brown silty sand (SM)	Yellowish brown silty sand (SM)	
Moisture Correction								
Wet Weight of Soil + Container (g)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Dry Weight of Soil + Container (g)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Weight of Container (g)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
Moisture Content (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Sample Dry Weight Determination								
Weight of Sample + Container (g)	809.7	581.9	1040.8	690.8	845.2	748.8	849.8	
Weight of Container (g)	220.2	108.0	300.2	109.9	236.6	82.6	72.7	
Weight of Dry Sample (g)	589.5	473.9	740.6	580.9	608.6	666.2	777.1	
Container No.:								
After Wash								
Method (A or B)	A	A	A	A	A	A	A	
Dry Weight of Sample + Cont. (g)	669.0	411.8	714.0	376.4	743.3	506.1	711.5	
Weight of Container (g)	220.2	108.0	300.2	109.9	236.6	82.6	72.7	
Dry Weight of Sample (g)	448.8	303.8	413.8	266.5	506.7	423.5	638.8	
% Passing No. 200 Sieve	**23.9**	**35.9**	**44.1**	**54.1**	**16.7**	**36.4**	**17.8**	
% Retained No. 200 Sieve	76.1	64.1	55.9	45.9	83.3	63.6	82.2	

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PERCENT PASSING
No. 200 SIEVE
ASTM D 1140

Project Name: 1977 Saturn Street
Project No.: 19850

Tested By: K. Jumig Date: 12/12/23

Passing 200 LB-1, LB-2, LB-3 (not split)

Boring No.	LB-2							
Sample No.	S-1							
Depth (ft.)	5.0							
Sample Type	SPT							
Soil Identification	Brown clayey sand (SC)							
No Moisture Correction; ASTM D 1140 modified to include splitting the sample on the #4 sieve								
Total Sample Dry Weight Determination								
Dry Weight of Soil + Container (g)	745.9							
Weight of Container (g)	109.1							
Dry Weight of Soil (g)	636.8							
Sample Dry Weight Determination, Retained on Sieve #4								
Dry Weight of Sample + Cont. (g)	131.9							
Weight of Container (g)	77.3							
Weight of Dry Sample (g)	54.6							
Sample Dry Weight Determination, Passing Sieve #4								
Dry Weight of Sample + Cont. (g)	497.8							
Weight of Container (g)	109.1							
Weight of Dry Sample (g)	388.7							
After Wash								
Method (A or B)	A							
Dry Weight of Sample + Cont. (g)	354.5							
Weight of Container (g)	109.1							
Weight of Dry Sample (g)	245.4							
% Passing No. 4 Sieve	91.4							
% Retained No. 4 Sieve	8.6							
% Passing No. 200 Sieve	**33.7**							

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PERCENT PASSING
No. 200 SIEVE
ASTM D 1140

Project Name: 1977 Saturn Street
Project No.: 19850

Tested By: K. Jumig Date: 12/12/23

ATTERBERG LIMITS
ASTM D 4318

Project Name:	1977 Saturn Street	Tested By:	J. Domingo	Date:	12/14/23
Project No. :	19850	Input By:	J. Domingo	Date:	12/15/23
Boring No.:	LB-1	Checked By:	J. Ward		
Sample No.:	S-3	Depth (ft.)	7.5		
Soil Identification:	Light yellowish brown clayey sand (SC)				

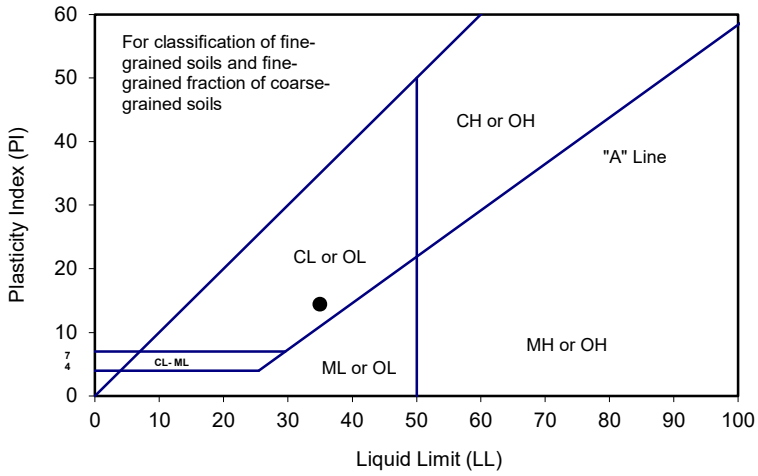
TEST	PLASTIC LIMIT		LIQUID LIMIT			
NO.	1	2	1	2	3	4
Number of Blows [N]			32	24	18	
Wet Wt. of Soil + Cont. (g)	9.80	9.74	23.28	23.60	23.10	
Dry Wt. of Soil + Cont. (g)	8.31	8.27	17.62	17.73	17.14	
Wt. of Container (g)	1.12	1.08	1.02	1.07	1.05	
Moisture Content (%) [Wn]	20.72	20.45	34.10	35.23	37.04	

Liquid Limit	**35**
Plastic Limit	**21**
Plasticity Index	**14**
Classification	**CL**

PI at "A" - Line = 0.73(LL-20) 10.95

One - Point Liquid Limit Calculation

$LL = Wn(N/25)^{0.121}$



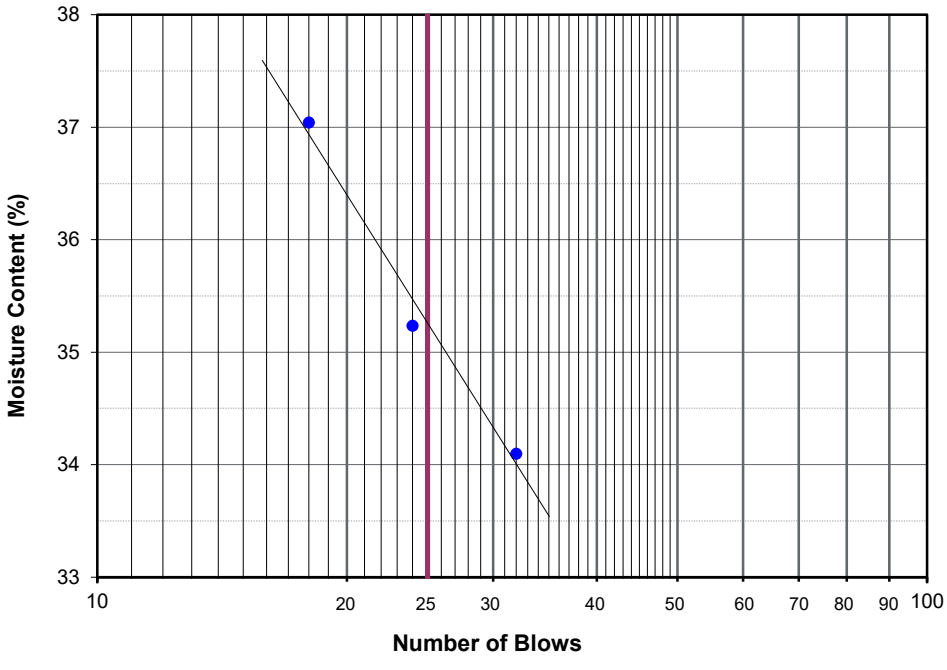
PROCEDURES USED

☐ Wet Preparation
Multipoint - Wet

☒ Dry Preparation
Multipoint - Dry

☒ Procedure A
Multipoint Test

☐ Procedure B
One-point Test



ATTERBERG LIMITS

ASTM D 4318

Project Name:	1977 Saturn Street	Tested By:	J. Domingo	Date:	12/14/23
Project No. :	19850	Input By:	J. Domingo	Date:	12/15/23
Boring No.:	LB-2	Checked By:	J. Ward		
Sample No.:	S-1	Depth (ft.)	5.0		
Soil Identification:	Brown clayey sand (SC)				

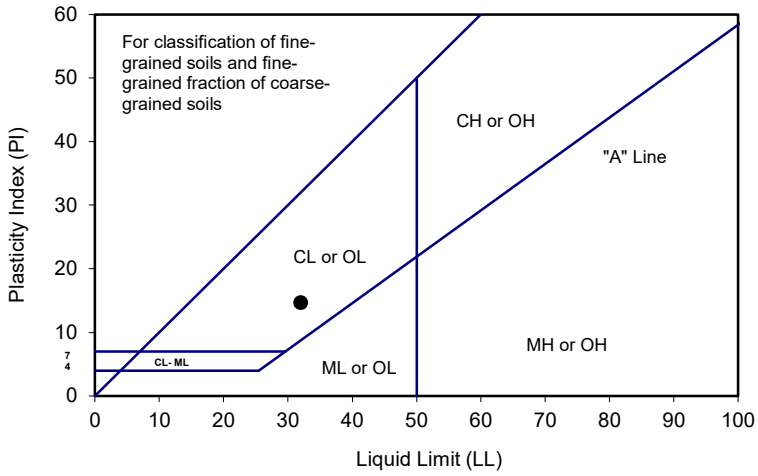
TEST	PLASTIC LIMIT		LIQUID LIMIT			
NO.	1	2	1	2	3	4
Number of Blows [N]			35	26	17	
Wet Wt. of Soil + Cont. (g)	9.46	9.39	23.40	23.04	23.14	
Dry Wt. of Soil + Cont. (g)	8.21	8.17	18.12	17.71	17.57	
Wt. of Container (g)	1.07	1.07	1.05	1.02	1.01	
Moisture Content (%) [Wn]	17.51	17.18	30.93	31.94	33.64	

Liquid Limit	**32**
Plastic Limit	**17**
Plasticity Index	**15**
Classification	**CL**

PI at "A" - Line = 0.73(LL-20) 8.76

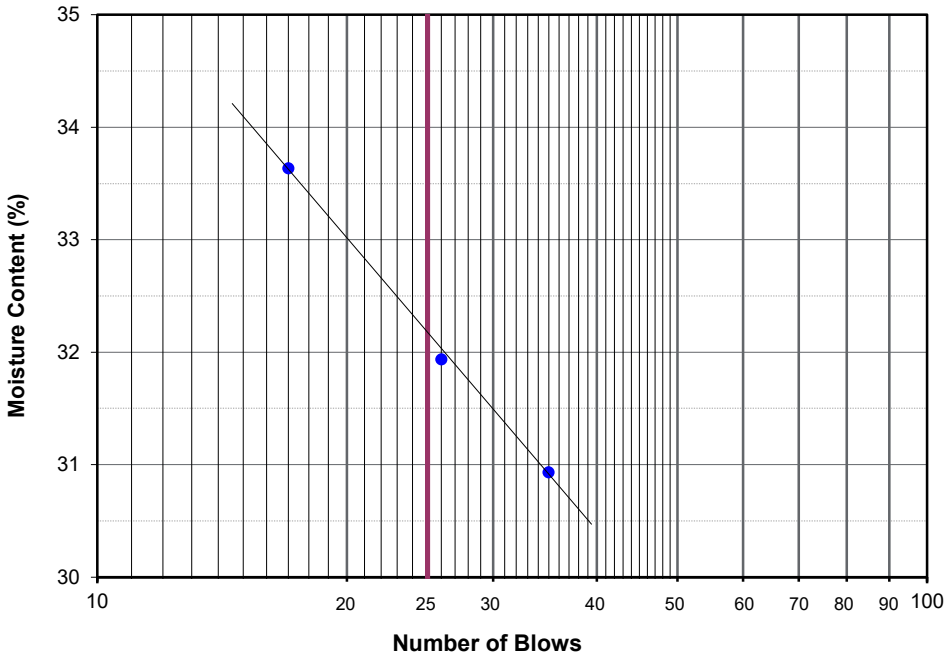
One - Point Liquid Limit Calculation

$LL = Wn(N/25)^{0.121}$



PROCEDURES USED

- [ ] Wet Preparation
  Multipoint - Wet
- [X] Dry Preparation
  Multipoint - Dry
- [X] Procedure A
  Multipoint Test
- [ ] Procedure B
  One-point Test



ATTERBERG LIMITS

ASTM D 4318

Project Name:	1977 Saturn Street	Tested By:	J. Domingo	Date:	12/15/23
Project No. :	19850	Input By:	J. Domingo	Date:	12/18/23
Boring No.:	LB-2	Checked By:	J. Ward		
Sample No.:	S-5	Depth (ft.)	20.0		
Soil Identification:	Brown sandy lean clay s(CL)				

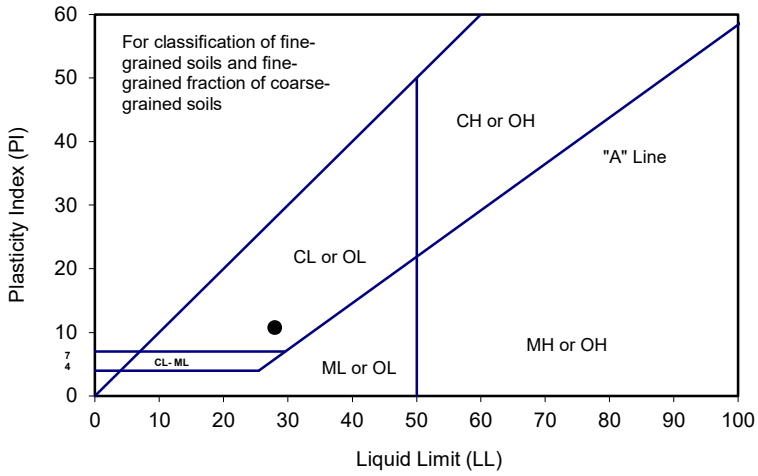
TEST	PLASTIC LIMIT		LIQUID LIMIT			
NO.	1	2	1	2	3	4
Number of Blows [N]			33	25	16	
Wet Wt. of Soil + Cont. (g)	9.70	9.72	23.55	23.43	23.12	
Dry Wt. of Soil + Cont. (g)	8.42	8.45	18.85	18.54	18.07	
Wt. of Container (g)	0.99	1.09	1.09	1.02	1.03	
Moisture Content (%) [Wn]	17.23	17.26	26.46	27.91	29.64	

Liquid Limit	**28**
Plastic Limit	**17**
Plasticity Index	**11**
Classification	**CL**

PI at "A" - Line = 0.73(LL-20) 5.84

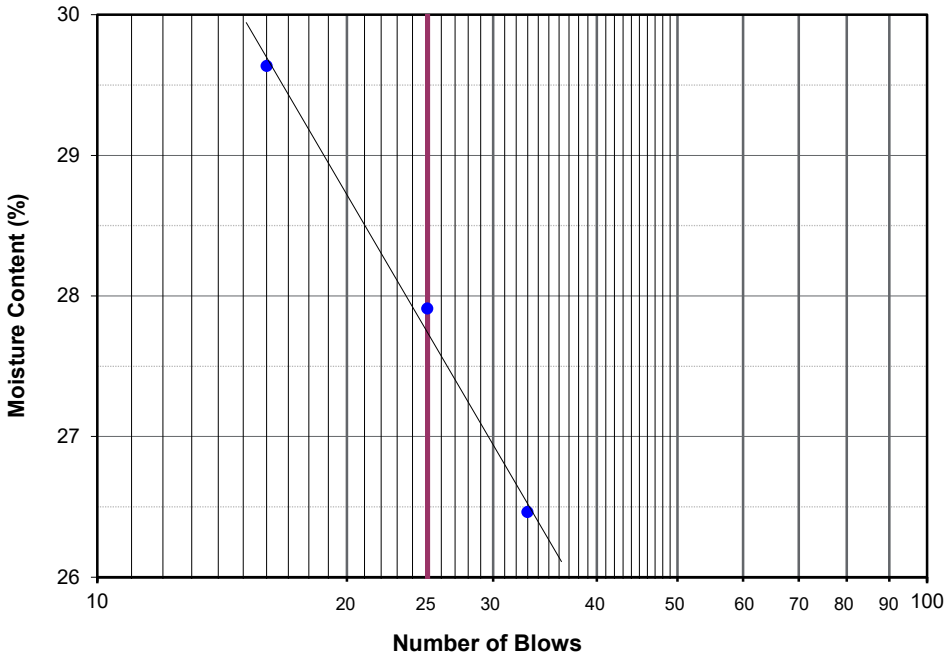
One - Point Liquid Limit Calculation

$LL = Wn(N/25)^{0.121}$



PROCEDURES USED

- [ ] Wet Preparation
  Multipoint - Wet
- [X] Dry Preparation
  Multipoint - Dry
- [X] Procedure A
  Multipoint Test
- [ ] Procedure B
  One-point Test



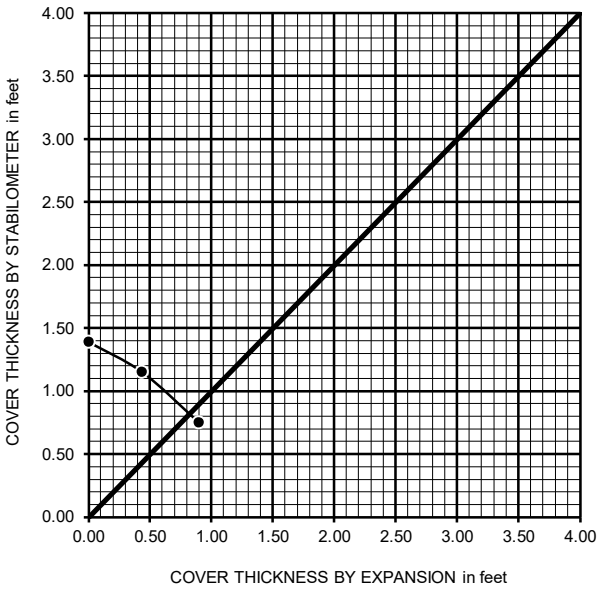
R-VALUE TEST RESULTS
DOT CA Test 301

PROJECT NAME:	1977 Saturn Street	PROJECT NUMBER:	19850
BORING NUMBER:	LB-2	DEPTH (FT.):	0-5
SAMPLE NUMBER:	BB-1	TECHNICIAN:	O. Figueroa
SAMPLE DESCRIPTION:	Light yellowish brown clayey sand with gravel (SC)g	DATE COMPLETED:	12/15/2023

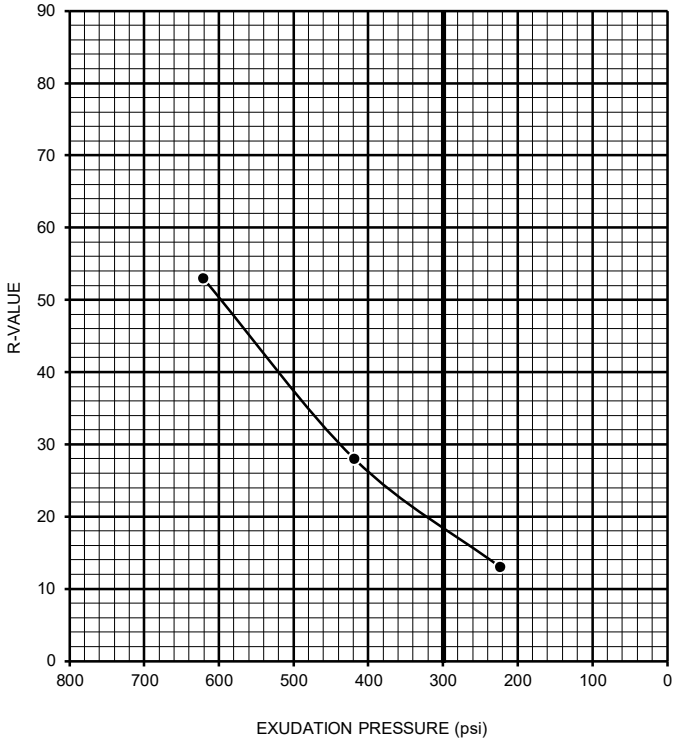
TEST SPECIMEN	a	b	c
MOISTURE AT COMPACTION %	10.4	11.7	13.4
HEIGHT OF SAMPLE, Inches	2.43	2.47	2.51
DRY DENSITY, pcf	128.9	126.4	121.6
COMPACTOR PRESSURE, psi	120	90	50
EXUDATION PRESSURE, psi	621	418	224
EXPANSION, Inches x 10exp-4	27	13	0
STABILITY Ph 2,000 lbs (160 psi)	57	100	128
TURNS DISPLACEMENT	3.75	3.90	4.20
R-VALUE UNCORRECTED	55	28	13
R-VALUE CORRECTED	53	28	13

DESIGN CALCULATION DATA	a	b	c
GRAVEL EQUIVALENT FACTOR	1.0	1.0	1.0
TRAFFIC INDEX	5.0	5.0	5.0
STABILOMETER THICKNESS, ft.	0.75	1.15	1.39
EXPANSION PRESSURE THICKNESS, ft.	0.90	0.43	0.00

EXPANSION PRESSURE CHART



EXUDATION PRESSURE CHART



R-VALUE BY EXPANSION:	48
R-VALUE BY EXUDATION:	18
EQUILIBRIUM R-VALUE:	18

PARTICLE-SIZE DISTRIBUTION (GRADATION) of SOILS USING SIEVE ANALYSIS

ASTM D6913

Project Name: 1977 Saturn Street
Project No.: 19850
Boring No.: LB-4
Sample No.: BB-1
Soil Identification: Yellowish brown clayey sand (SC)

Tested By: K. Jumig Date: 12/12/23
Checked By: J. Ward Date: 12/29/23
Depth (feet): 0-5

Calculation of Dry Weights	Whole Sample	Sample Passing #4	Moisture Contents	Whole Sample	Sample passing #4
Container No.:	A-14	912	Wt. of Air-Dry Soil + Cont.(g)	0.0	0.0
Wt. Air-Dried Soil + Cont.(g)	3456.3	617.8	Wt. of Dry Soil + Cont. (g)	0.0	0.0
Wt. of Container (g)	225.0	106.0	Wt. of Container No._____(g)	1.0	1.0
Dry Wt. of Soil (g)	3231.3	511.8	Moisture Content (%)	0.0	0.0

Passing #4 Material After Wet Sieve		
	Container No.	912
	Wt. of Dry Soil + Container (g)	451.6
	Wt. of Container (g)	106.0
	Dry Wt. of Soil Retained on # 200 Sieve (g)	345.6

U. S. Sieve Size		Cumulative Weight of Dry Soil Retained (g)		Percent Passing (%)
	(mm.)	Whole Sample	Sample Passing #4	
1 1/2"	37.5			
1"	25.0	0.0		100.0
3/4"	19.0	19.8		99.4
1/2"	12.5	63.4		98.0
3/8"	9.5	102.1		96.8
#4	4.75	242.9		92.5
#8	2.36		43.9	84.6
#16	1.18		115.1	71.7
#30	0.600		186.0	58.9
#50	0.300		247.5	47.8
#100	0.150		296.4	38.9
#200	0.075		339.6	31.1
PAN				

GRAVEL: **8 %**
SAND: **61 %**
FINES: **31 %**
GROUP SYMBOL: **SC**

Cu = D60/D10 = _____
Cc = $(D30)^2/(D60*D10)$ = _____

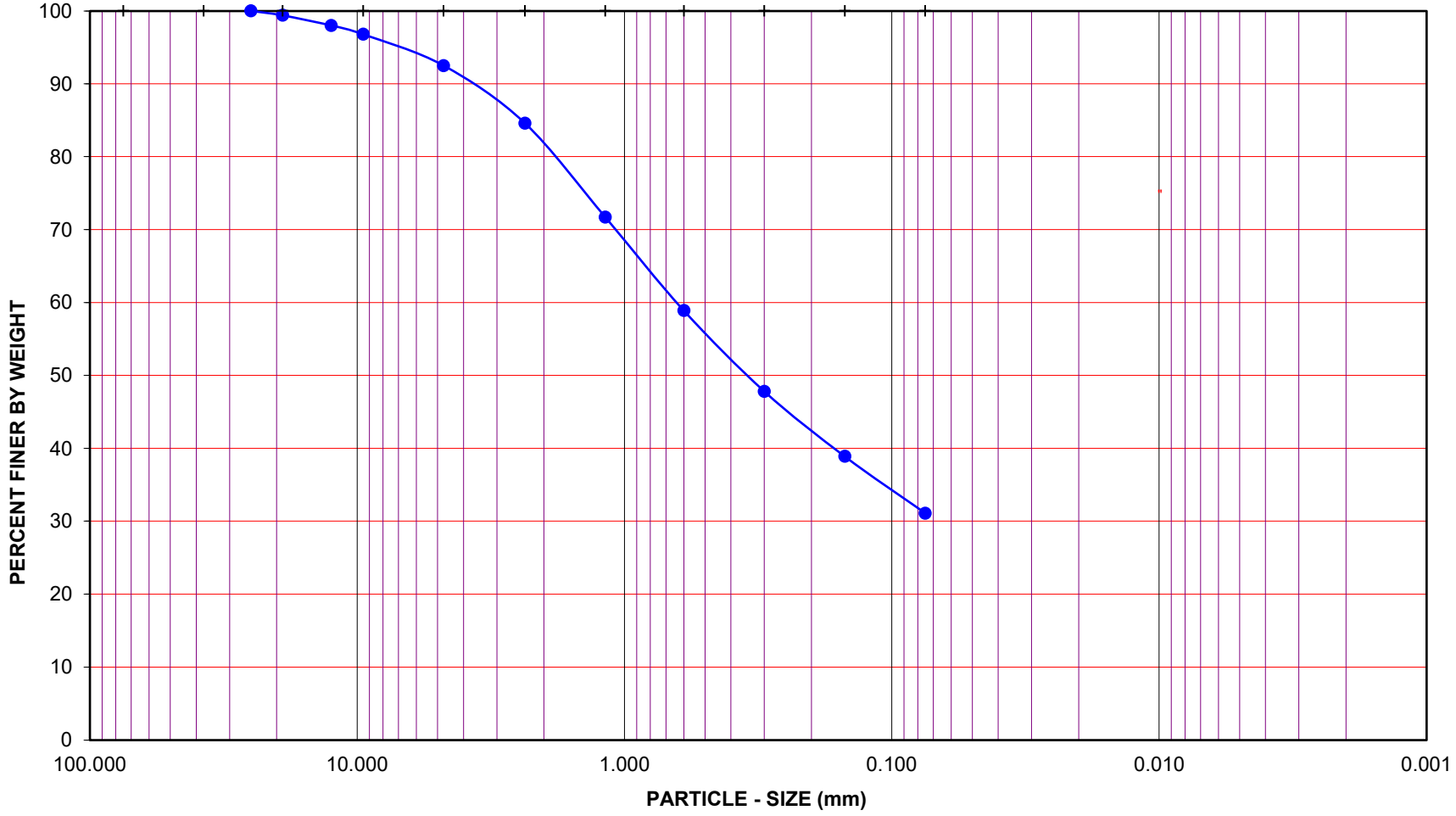
Remarks: _____

GRAVEL		SAND			FINES	
COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY

U.S. STANDARD SIEVE OPENING: 3.0" 1 1/2" 3/4" 3/8"

U.S. STANDARD SIEVE NUMBER: #4 #8 #16 #30 #50 #100 #200

HYDROMETER



Project Name: 1977 Saturn Street

Project No.: 19850

Boring No.: LB-4 Sample No.: BB-1

Depth (feet): 0-5 Soil Type : SC

Soil Identification: Yellowish brown clayey sand (SC)

GR:SA:FI : (%) 8 : 61 : 31

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PARTICLE - SIZE DISTRIBUTION ASTM D 6913

Dec-23

ONE-DIMENSIONAL SWELL OR SETTLEMENT POTENTIAL OF COHESIVE SOILS

ASTM D 4546

Project Name:	1977 Saturn Street		Tested By:	G. Bathala	Date: 12/12/23
Project No.:	19850		Checked By:	J. Ward	Date: 12/29/23
Boring No.:	LB-2		Sample Type:	Ring	
Sample No.:	R-2		Depth (ft.)	7.5	
Sample Description:	Olive clayey sand (SC)				

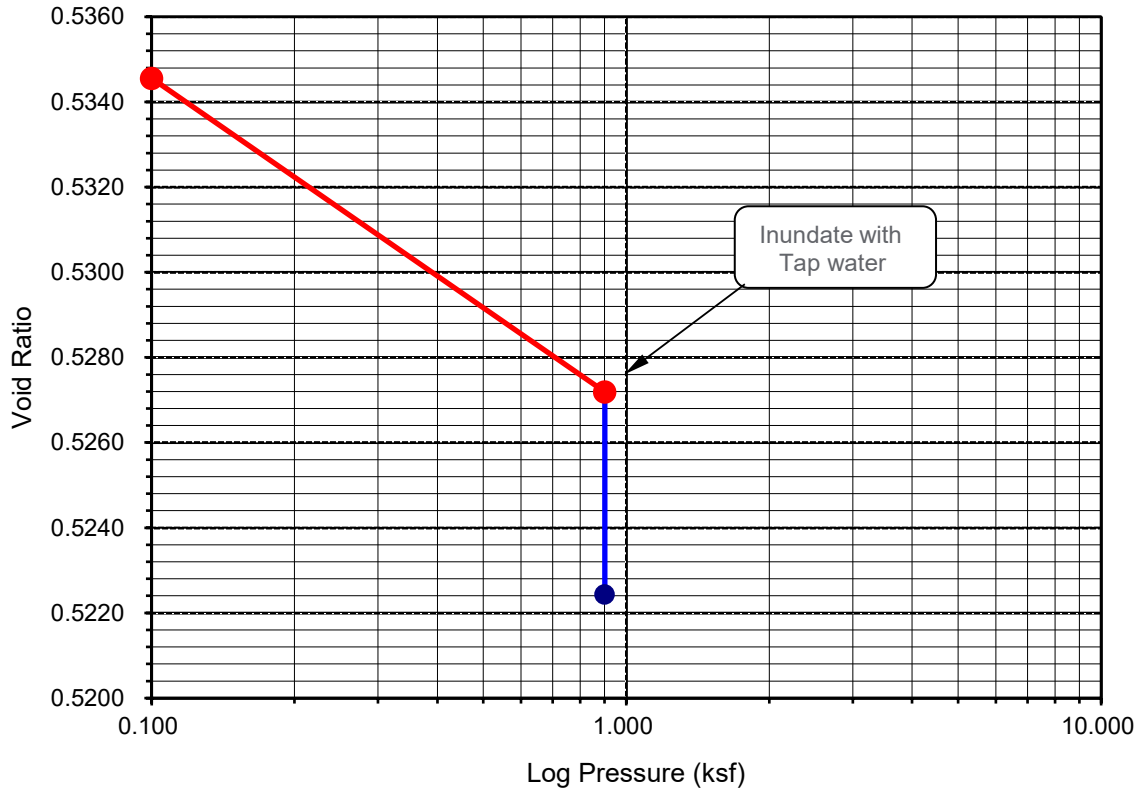
Initial Dry Density (pcf):	109.8
Initial Moisture (%):	11.62
Initial Length (in.):	1.0000
Initial Dial Reading:	0.1912
Diameter(in):	2.415

Final Dry Density (pcf):	111.7
Final Moisture (%) :	13.8
Initial Void ratio:	0.5349
Specific Gravity(assumed):	2.70
Initial Saturation (%)	58.7

Pressure (p) (ksf)	Final Reading (in)	Apparent Thickness (in)	Load Compliance (%)	Swell (+) Settlement (-) % of Sample Thickness	Void Ratio	Corrected Deformation (%)
0.100	0.1914	0.9998	0.00	-0.02	0.5346	-0.02
0.900	0.2007	0.9905	0.45	-0.95	0.5272	-0.50
H2O	0.2038	0.9874	0.45	-1.26	0.5224	-0.81

Percent Swell (+) / Settlement (-) After Inundation = -0.31

Void Ratio - Log Pressure Curve



Appendix C.2 – Lab Results (2015 Offsite)

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TESTS for SULFATE CONTENT
CHLORIDE CONTENT and pH of SOILS

Project Name: Swinerton/Monterey Park Tested By : G. Berdy Date: 10/23/15

Project No. : 11173.001 Data Input By: J. Ward Date: 10/28/15

Boring No.	LB-1			
Sample No.	BB-1			
Sample Depth (ft)	0-5			
Soil Identification:	Olive brown SC			
Wet Weight of Soil + Container (g)	180.35			
Dry Weight of Soil + Container (g)	178.00			
Weight of Container (g)	66.56			
Moisture Content (%)	2.11			
Weight of Soaked Soil (g)	100.27			

SULFATE CONTENT, DOT California Test 417, Part II

Beaker No.	62			
Crucible No.	15			
Furnace Temperature (°C)	850			
Time In / Time Out	10:00/10:45			
Duration of Combustion (min)	45			
Wt. of Crucible + Residue (g)	20.3279			
Wt. of Crucible (g)	20.3245			
Wt. of Residue (g) (A)	0.0034			
PPM of Sulfate (A) x 41150	139.91			
PPM of Sulfate, Dry Weight Basis	**143**			

CHLORIDE CONTENT, DOT California Test 422

ml of Extract For Titration (B)	30			
ml of AgNO3 Soln. Used in Titration (C)	1.4			
PPM of Chloride (C -0.2) * 100 * 30 / B	120			
PPM of Chloride, Dry Wt. Basis	**123**			

pH TEST, DOT California Test 643

pH Value	**6.88**			
Temperature °C	21.3			

Leighton

SOIL RESISTIVITY TEST

DOT CA TEST 643

Project Name:	Swinerton/Monterey Park		Tested By :	G. Berdy	Date: 10/26/15
Project No. :	11173.001		Data Input By:	J. Ward	Date: 10/28/15
Boring No.:	LB-1		Depth (ft.) :	0-5	
Sample No. :	BB-1				

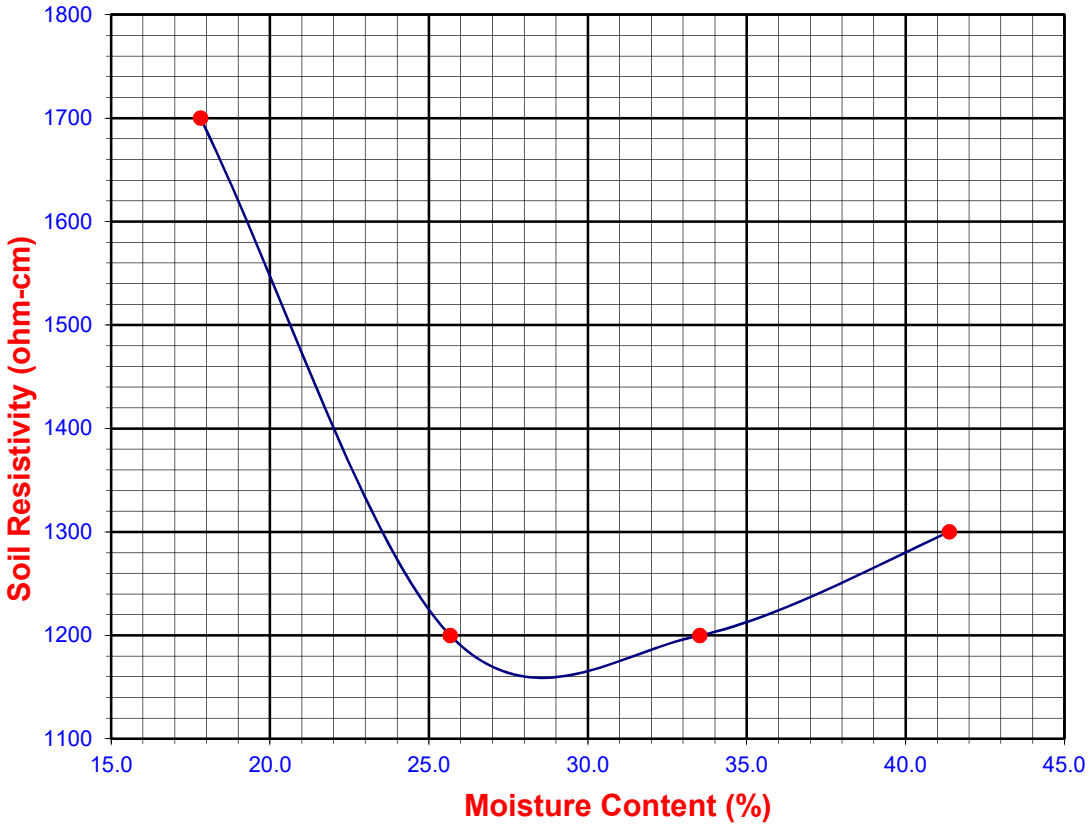
Soil Identification:* Olive brown SC

*California Test 643 requires soil specimens to consist only of portions of samples passing through the No. 8 US Standard Sieve before resistivity testing. Therefore, this test method may not be representative for coarser materials.

Specimen No.	Water Added (ml) (Wa)	Adjusted Moisture Content (MC)	Resistance Reading (ohm)	Soil Resistivity (ohm-cm)
1	20	17.82	1700	1700
2	30	25.67	1200	1200
3	40	33.53	1200	1200
4	50	41.38	1300	1300
5				

Moisture Content (%) (MCi)	2.11
Wet Wt. of Soil + Cont. (g)	180.35
Dry Wt. of Soil + Cont. (g)	178.00
Wt. of Container (g)	66.56
Container No.	
Initial Soil Wt. (g) (Wt)	130.00
Box Constant	1.000
MC =(((1+Mci/100)x(Wa/Wt+1))-1)x100	

Min. Resistivity (ohm-cm)	Moisture Content (%)	Sulfate Content (ppm)	Chloride Content (ppm)	Soil pH	
				pH	Temp. (°C)
DOT CA Test 643		DOT CA Test 417 Part II	DOT CA Test 422	DOT CA Test 643	
1160	**28.5**	**143**	**123**	**6.88**	**21.3**



Leighton

DIRECT SHEAR TEST

Consolidated Undrained

Project Name:	Swinerton/Monterey Park	Tested By:	G. Bathala	Date:	10/23/15
Project No.:	11173.001	Checked By:	J. Ward		
Boring No.:	LB-1	Sample Type:	Ring		
Sample No.:	R-1	Depth (ft.):	5.0		

Soil Identification: Olive brown sandy lean clay s(CL)

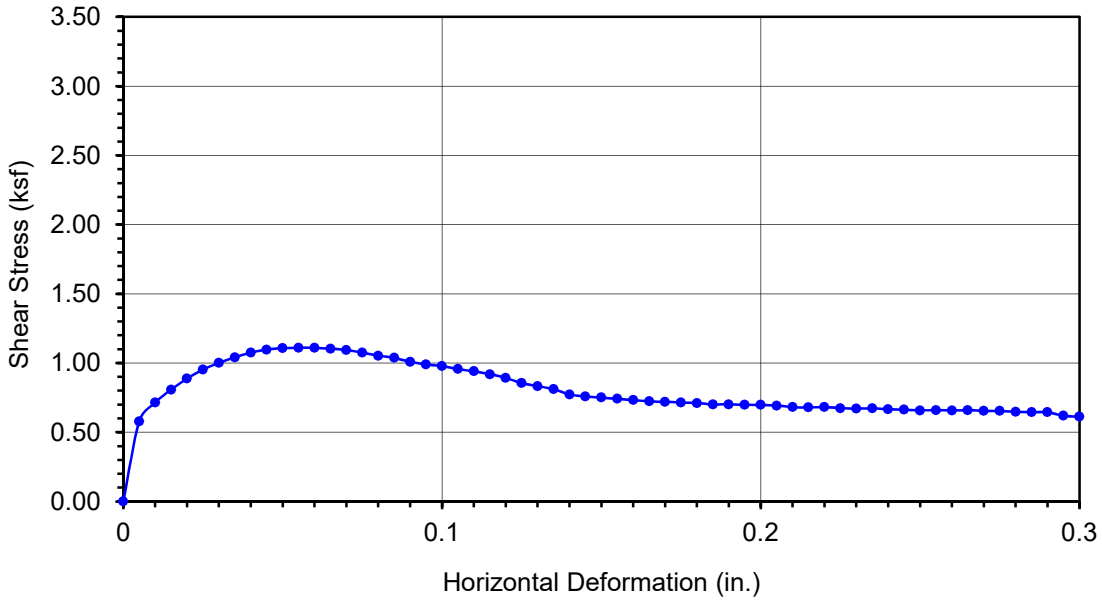
Sample Diameter(in):	2.415		
Sample Thickness(in.):	1.000		
Weight of Sample + ring(gm):	204.67		
Weight of Ring(gm):	43.23		

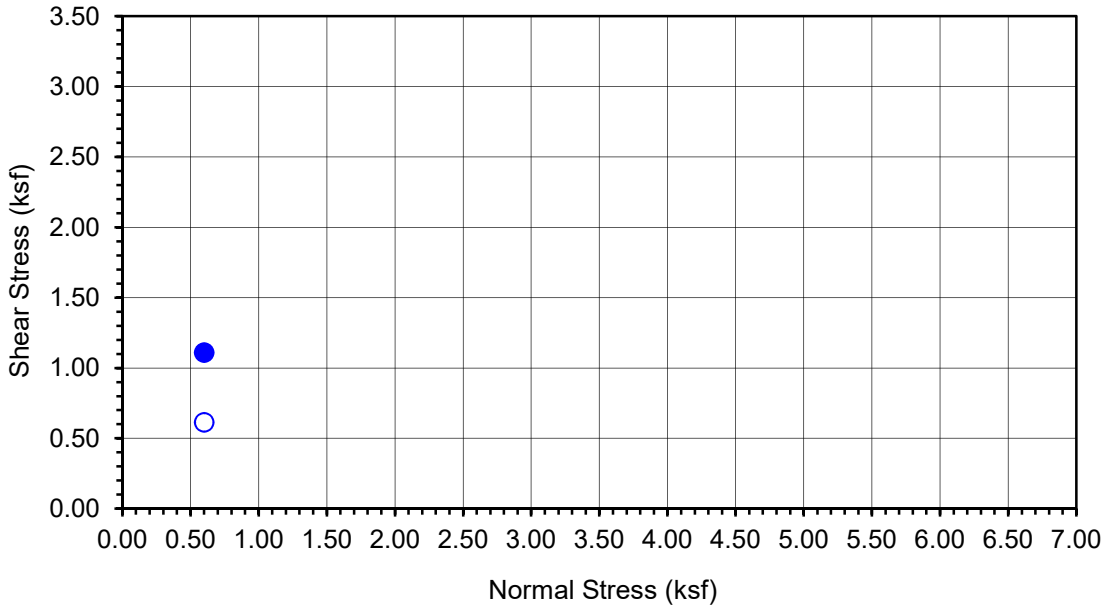
Before Shearing

Weight of Wet Sample+Cont.(gm):	158.39		
Weight of Dry Sample+Cont.(gm):	145.16		
Weight of Container(gm):	37.58		
Vertical Rdg.(in): Initial	0.2559		
Vertical Rdg.(in): Final	0.2584		

After Shearing

Weight of Wet Sample+Cont.(gm):	200.29		
Weight of Dry Sample+Cont.(gm):	181.00		
Weight of Container(gm):	38.24		
Specific Gravity (Assumed):	2.70		
Water Density(pcf):	62.43		





Boring No.	**LB-1**
Sample No.	**R-1**
Depth (ft)	**5**
Sample Type: Ring	
Soil Identification: Olive brown sandy lean clay s(CL)	

Normal Stress (kip/ft²)	0.600		
Peak Shear Stress (kip/ft²)	● 1.110		
Shear Stress @ End of Test (ksf)	○ 0.613		
Deformation Rate (in./min.)	0.0500		
Initial Sample Height (in.)	1.000		
Diameter (in.)	2.415		
Initial Moisture Content (%)	12.30		
Dry Density (pcf)	119.6		
Saturation (%)	81.0		
Soil Height Before Shearing (in.)	0.9975		
Final Moisture Content (%)	13.5		

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DIRECT SHEAR TEST RESULTS

Consolidated Undrained

Project No.: 11173.001

Swinerton/Monterey Park

10-15

Leighton

DIRECT SHEAR TEST

Consolidated Undrained

Project Name:	Swinerton/Monterey Park	Tested By:	G. Bathala	Date:	10/23/15
Project No.:	11173.001	Checked By:	J. Ward		
Boring No.:	LB-1	Sample Type:	Ring		
Sample No.:	R-2	Depth (ft.):	10.0		

Soil Identification: Dark olive gray sandy lean clay s(CL)

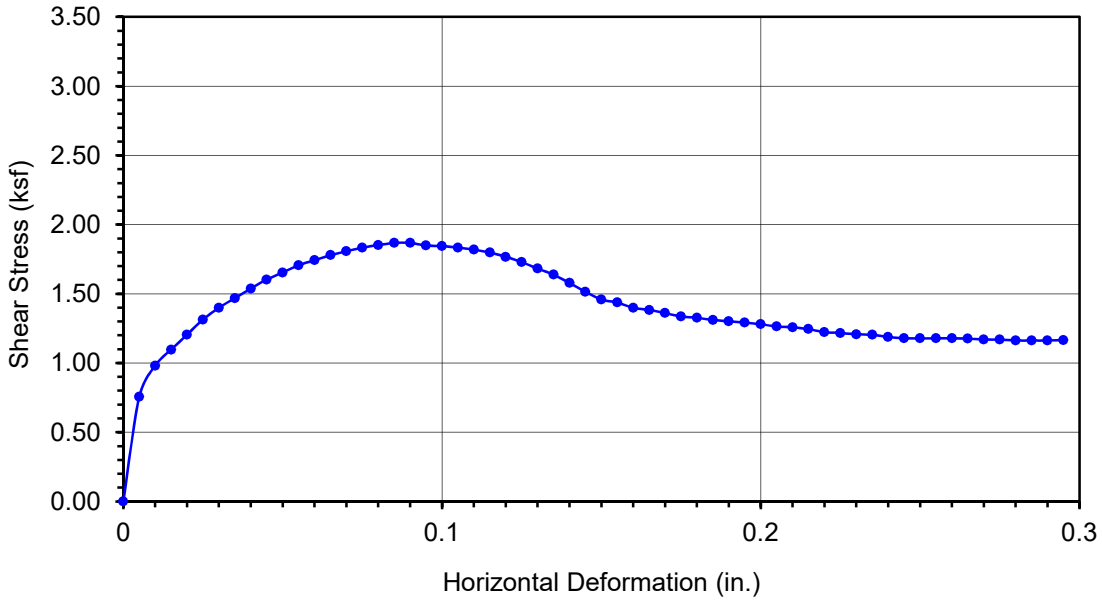
Sample Diameter(in):	2.415		
Sample Thickness(in.):	1.000		
Weight of Sample + ring(gm):	205.51		
Weight of Ring(gm):	43.48		

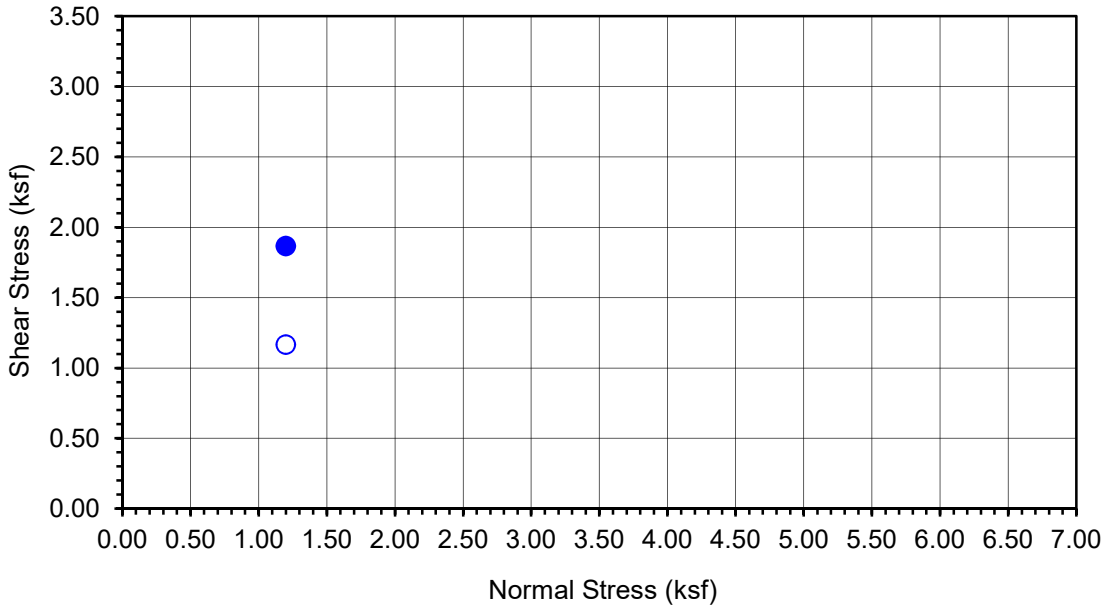
Before Shearing

Weight of Wet Sample+Cont.(gm):	219.15		
Weight of Dry Sample+Cont.(gm):	198.55		
Weight of Container(gm):	38.76		
Vertical Rdg.(in): Initial	0.2651		
Vertical Rdg.(in): Final	0.2784		

After Shearing

Weight of Wet Sample+Cont.(gm):	213.75		
Weight of Dry Sample+Cont.(gm):	194.79		
Weight of Container(gm):	53.87		
Specific Gravity (Assumed):	2.70		
Water Density(pcf):	62.43		





Boring No.	**LB-1**
Sample No.	**R-2**
Depth (ft)	**10**
Sample Type: Ring	
Soil Identification: Dark olive gray sandy lean clay s(CL)	

Normal Stress (kip/ft²)	1.200		
Peak Shear Stress (kip/ft²)	● 1.867		
Shear Stress @ End of Test (ksf)	○ 1.166		
Deformation Rate (in./min.)	0.0500		
Initial Sample Height (in.)	1.000		
Diameter (in.)	2.415		
Initial Moisture Content (%)	12.89		
Dry Density (pcf)	119.4		
Saturation (%)	84.5		
Soil Height Before Shearing (in.)	0.9867		
Final Moisture Content (%)	13.5		

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DIRECT SHEAR TEST RESULTS

Consolidated Undrained

Project No.: 11173.001

Swinerton/Monterey Park

10-15

Leighton

DIRECT SHEAR TEST

Consolidated Undrained

Project Name:	Swinerton/Monterey Park	Tested By:	G. Bathala	Date:	10/23/15
Project No.:	11173.001	Checked By:	J. Ward		
Boring No.:	LB-1	Sample Type:	Ring		
Sample No.:	R-3	Depth (ft.):	15.0		

Soil Identification: Olive gray sandy lean clay s(CL)

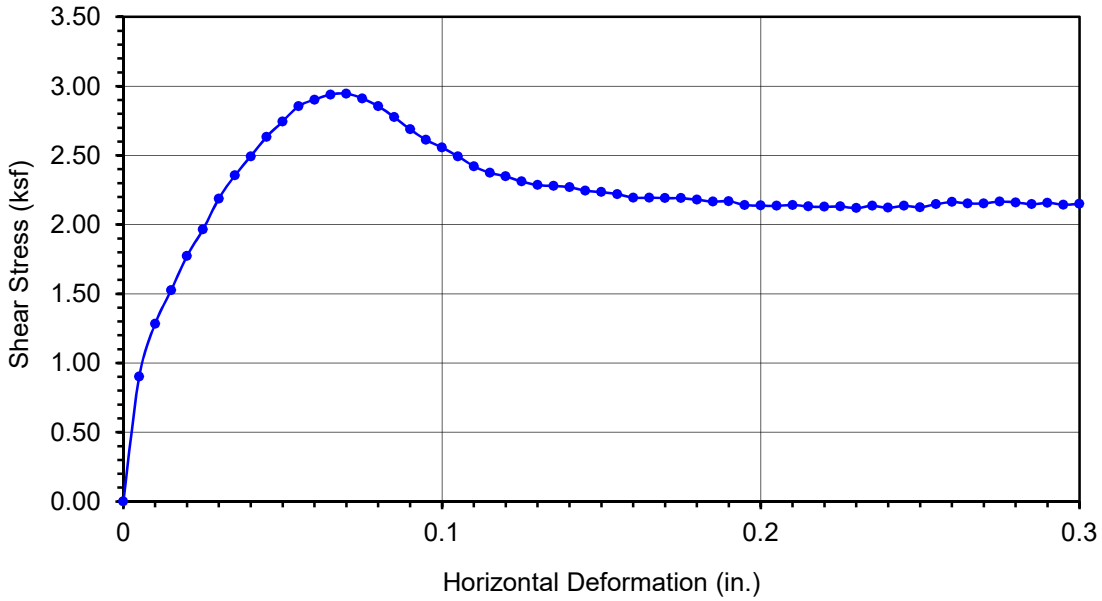
Sample Diameter(in):	2.415		
Sample Thickness(in.):	1.000		
Weight of Sample + ring(gm):	205.98		
Weight of Ring(gm):	43.07		

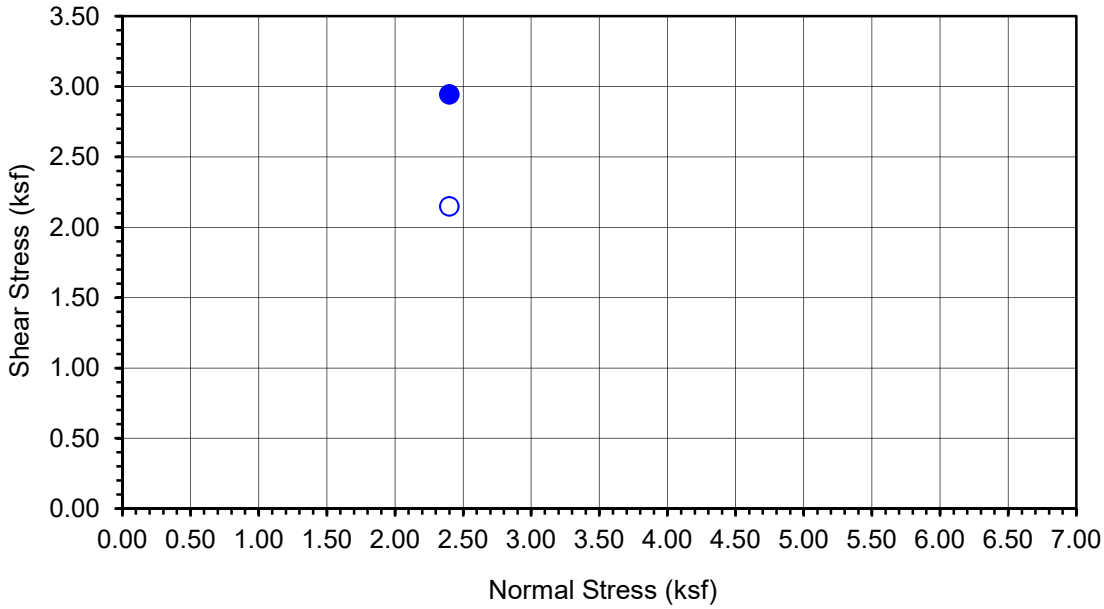
Before Shearing

Weight of Wet Sample+Cont.(gm):	207.82		
Weight of Dry Sample+Cont.(gm):	190.70		
Weight of Container(gm):	39.19		
Vertical Rdg.(in): Initial	0.0000		
Vertical Rdg.(in): Final	-0.0126		

After Shearing

Weight of Wet Sample+Cont.(gm):	198.86		
Weight of Dry Sample+Cont.(gm):	181.42		
Weight of Container(gm):	37.58		
Specific Gravity (Assumed):	2.70		
Water Density(pcf):	62.43		





Boring No.	**LB-1**
Sample No.	**R-3**
Depth (ft)	**15**
Sample Type:	
Ring	
Soil Identification:	
Olive gray sandy lean clay s(CL)	

Normal Stress (kip/ft²)	2.400		
Peak Shear Stress (kip/ft²)	● 2.946		
Shear Stress @ End of Test (ksf)	○ 2.150		
Deformation Rate (in./min.)	0.0500		
Initial Sample Height (in.)	1.000		
Diameter (in.)	2.415		
Initial Moisture Content (%)	11.30		
Dry Density (pcf)	121.7		
Saturation (%)	79.3		
Soil Height Before Shearing (in.)	0.9874		
Final Moisture Content (%)	12.1		

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DIRECT SHEAR TEST RESULTS

Consolidated Undrained

Project No.: 11173.001

Swinerton/Monterey Park

10-15

MODIFIED PROCTOR COMPACTION TEST

ASTM D 1557

Project Name:	Swinerton/Monterey Park	Tested By:	O. Figueroa	Date:	10/26/15
Project No.:	11173.001	Input By:	J. Ward	Date:	10/28/15
Boring No.:	LB-1	Depth (ft.):	0-5		
Sample No.:	BB-1				
Soil Identification:	Olive brown clayey sand (SC)				

Note: Corrected dry density calculation assumes specific gravity of 2.70 and moisture content of 1.0% for oversize particles

Preparation Method:	X	Moist
		Dry
Compaction Method	X	Mechanical Ram
		Manual Ram

Scalp Fraction (%)	
#3/4	
#3/8	6.3
#4	

Rammer Weight (lb.) = 10.0

Height of Drop (in.) = 18.0

Mold Volume (ft³) = 0.03340

TEST NO.	1	2	3	4	5	6
Wt. Compacted Soil + Mold (g)	3906	3993	3925			
Weight of Mold (g)	1851	1851	1851			
Net Weight of Soil (g)	2055	2142	2074			
Wet Weight of Soil + Cont. (g)	410.2	443.0	453.4			
Dry Weight of Soil + Cont. (g)	387.0	409.6	409.9			
Weight of Container (g)	39.2	39.0	39.2			
Moisture Content (%)	6.67	9.01	11.73			
Wet Density (pcf)	135.6	141.4	136.9			
Dry Density (pcf)	127.2	129.7	122.5			

Maximum Dry Density (pcf)	**130.0**	**Optimum Moisture Content (%)**	**8.5**
Corrected Dry Density (pcf)	**132.0**	**Corrected Moisture Content (%)**	**8.0**

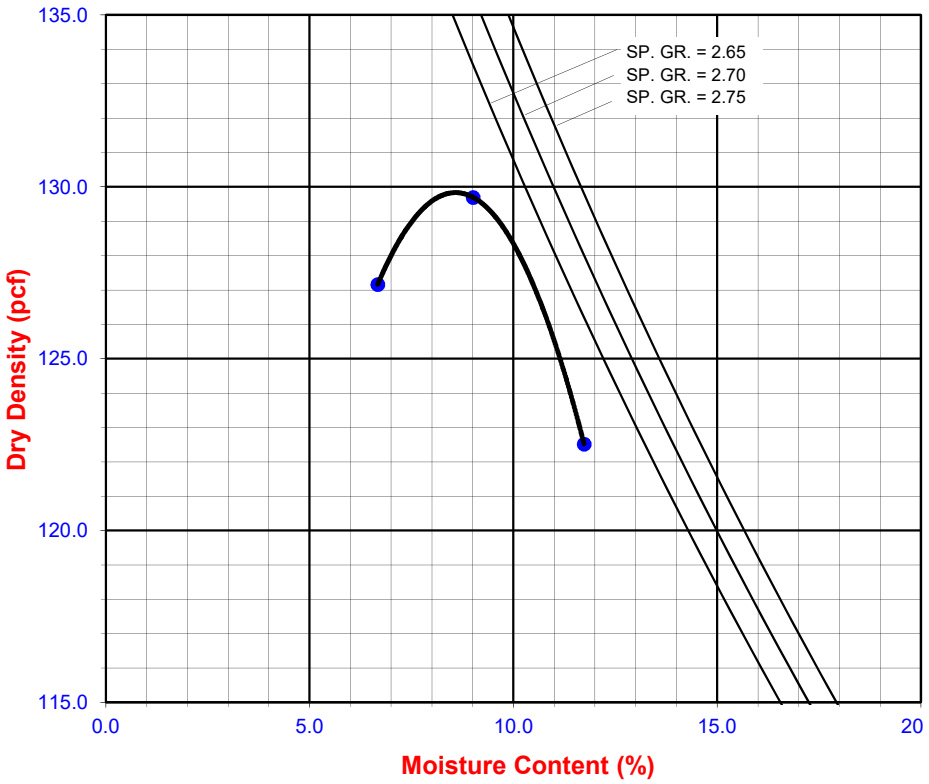
☐ **Procedure A**
Soil Passing No. 4 (4.75 mm) Sieve
Mold : 4 in. (101.6 mm) diameter
Layers : 5 (Five)
Blows per layer : 25 (twenty-five)
May be used if +#4 is 20% or less

☒ **Procedure B**
Soil Passing 3/8 in. (9.5 mm) Sieve
Mold : 4 in. (101.6 mm) diameter
Layers : 5 (Five)
Blows per layer : 25 (twenty-five)
Use if +#4 is >20% and +3/8 in. is 20% or less

☐ **Procedure C**
Soil Passing 3/4 in. (19.0 mm) Sieve
Mold : 6 in. (152.4 mm) diameter
Layers : 5 (Five)
Blows per layer : 56 (fifty-six)
Use if +3/8 in. is >20% and +¾ in. is <30%

Particle-Size Distribution:
11:63:26
GR:SA:FI

Atterberg Limits:
30,16,14
LL,PL,PI



Leighton

ATTERBERG LIMITS

ASTM D 4318

Project Name:	Swinerton/Monterey Park	Tested By:	G. Bathala	Date:	10/24/15
Project No. :	11173.001	Input By:	J. Ward	Date:	10/28/15
Boring No.:	LB-1	Checked By:	J. Ward		
Sample No.:	BB-1	Depth (ft.)	0-5		
Soil Identification:	Olive brown clayey sand (SC)				

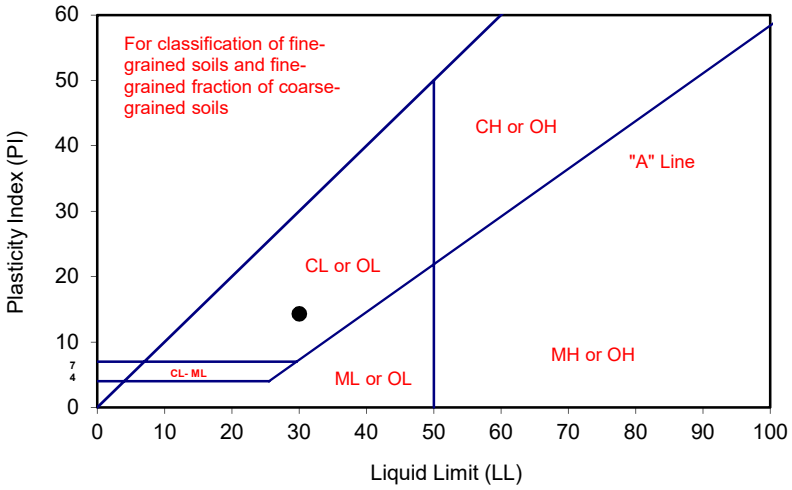
TEST	PLASTIC LIMIT		LIQUID LIMIT			
NO.	1	2	1	2	3	4
Number of Blows [N]			34	25	15	
Wet Wt. of Soil + Cont. (g)	20.33	18.43	30.42	29.94	30.02	
Dry Wt. of Soil + Cont. (g)	19.12	17.52	26.59	26.12	25.98	
Wt. of Container (g)	11.51	11.66	13.50	13.55	13.55	
Moisture Content (%) [Wn]	15.90	15.53	29.26	30.39	32.50	

Liquid Limit	**30**
Plastic Limit	**16**
Plasticity Index	**14**
Classification	**CL**

PI at "A" - Line = 0.73(LL-20) 7.3

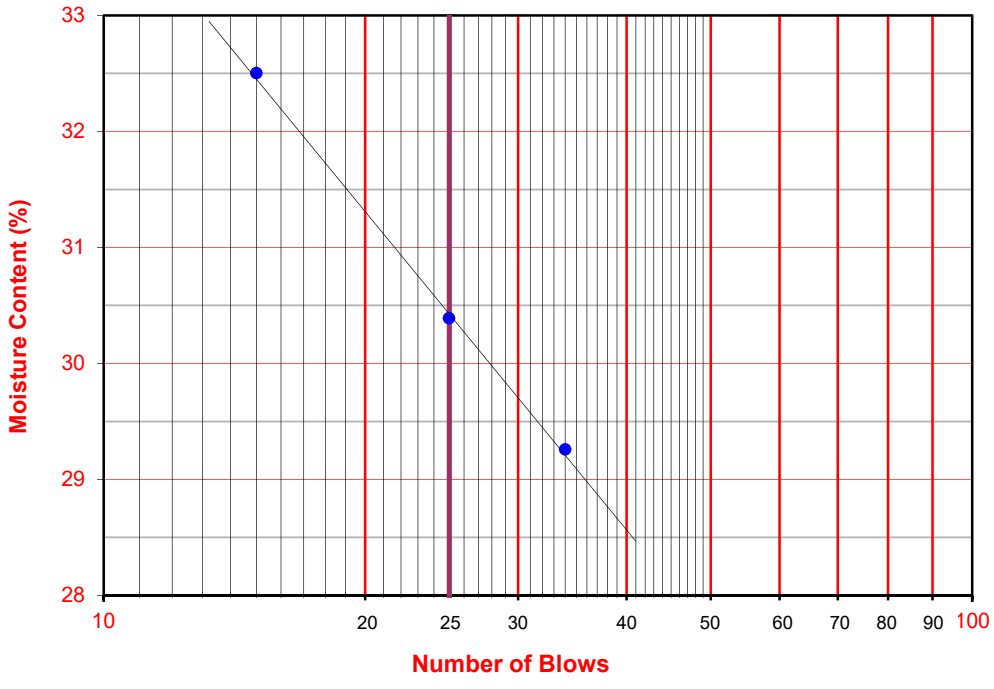
One - Point Liquid Limit Calculation

$LL = Wn(N/25)^{0.121}$



PROCEDURES USED

	Wet Preparation
	Multipoint - Wet
X	Dry Preparation
	Multipoint - Dry
X	Procedure A
	Multipoint Test
	Procedure B
	One-point Test



Leighton

PARTICLE-SIZE DISTRIBUTION (GRADATION) of SOILS USING SIEVE ANALYSIS

ASTM D 6913

Project Name: Swinerton/Monterey Park
Project No.: 11173.001
Boring No.: LB-1
Sample No.: BB-1
Soil Identification: Olive brown clayey sand (SC)

Tested By: G. Bathala Date: 10/24/15
Checked By: J. Ward Date: 10/28/15
Depth (feet): 0-5

Calculation of Dry Weights	Whole Sample	Sample Passing #4	Moisture Contents	Whole Sample	Sample passing #4
Container No.:	SP-04	YK	Wt. of Air-Dry Soil + Cont.(g)	0.00	0.00
Wt. Air-Dried Soil + Cont.(g)	5932.1	773.2	Wt. of Dry Soil + Cont. (g)	0.00	0.00
Wt. of Container (g)	790.1	252.4	Wt. of Container No._____(g)	1.00	1.00
Dry Wt. of Soil (g)	5142.0	520.8	Moisture Content (%)	0.00	0.00

Passing #4 Material After Wet Sieve		
	Container No.	YK
	Wt. of Dry Soil + Container (g)	626.5
	Wt. of Container (g)	252.4
	Dry Wt. of Soil Retained on # 200 Sieve (g)	374.1

U. S. Sieve Size		Cumulative Weight of Dry Soil Retained (g)		Percent Passing (%)
	(mm.)	Whole Sample	Sample Passing #4	
3"	75.000			
1 1/2"	37.500	0.0		100.0
3/4"	19.000	92.0		98.2
3/8"	9.500	325.4		93.7
#4	4.750	585.5		88.6
#8	2.360		36.9	82.3
#16	1.180		87.9	73.6
#30	0.600		151.6	62.8
#50	0.300		214.9	52.0
#100	0.150		303.4	37.0
#200	0.075		368.4	25.9
PAN				

GRAVEL: **11 %**
SAND: **63 %**
FINES: **26 %**
GROUP SYMBOL: **SC**

Cu = D60/D10 = _____
Cc = $(D30)^2/(D60*D10)$ = _____

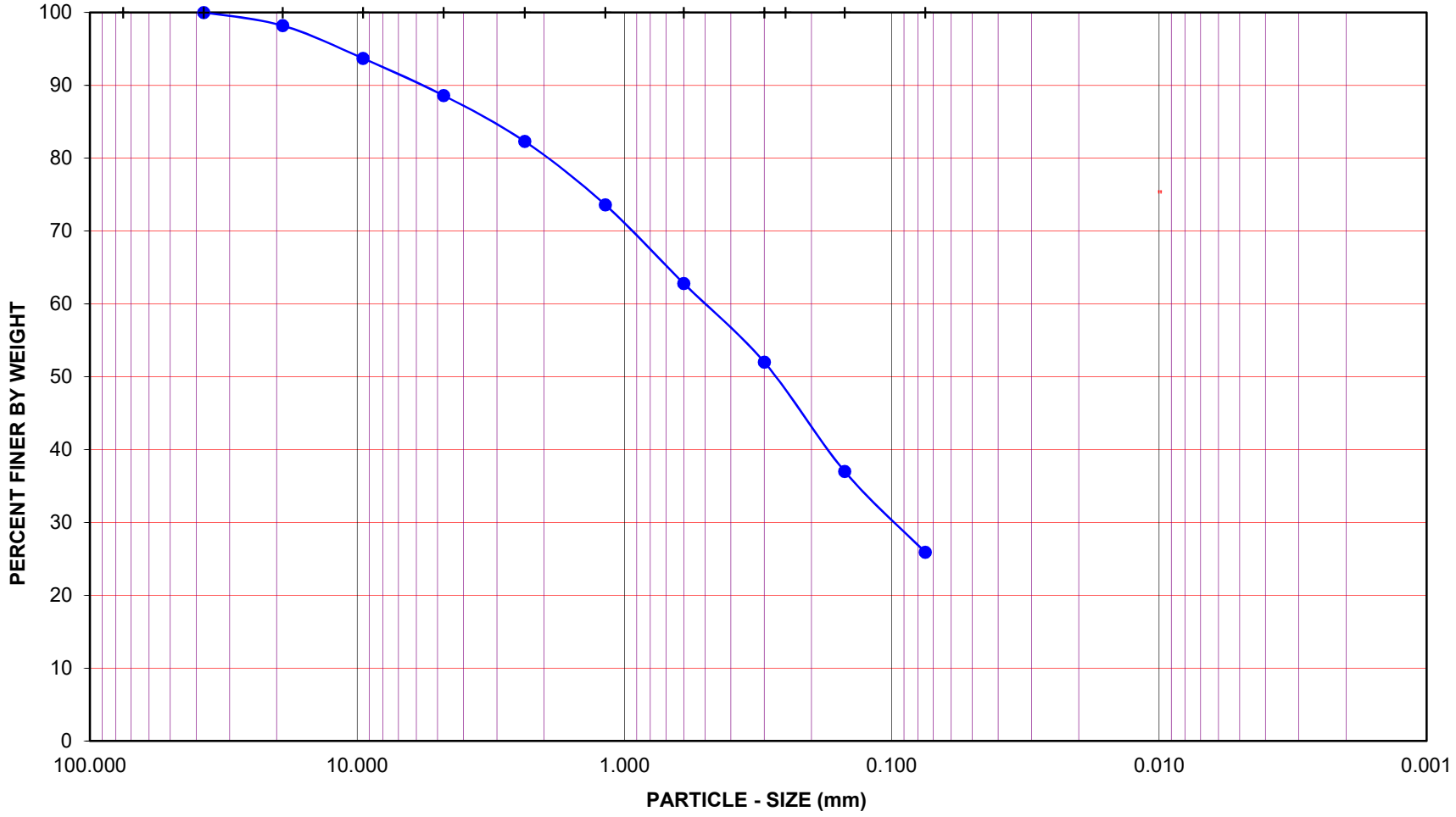
Remarks: _____

GRAVEL		SAND			FINES	
COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY

U.S. STANDARD SIEVE OPENING: 3.0" 1 1/2" 3/4" 3/8"

U.S. STANDARD SIEVE NUMBER: #4 #8 #16 #30 #50 #100 #200

HYDROMETER



Project Name: Swinerton/Monterey Park

Project No.: 11173.001

Boring No.: LB-1 Sample No.: BB-1

Depth (feet): 0-5 Soil Type : SC

Soil Identification: Olive brown clayey sand (SC)

GR:SA:FI : (%) 11 : 63 : 26

Leighton

PARTICLE - SIZE DISTRIBUTION ASTM D 6913

10/28/15

SA LB-1, BB-1 @ 0-5

Appendix C.3 – Lab Results (1977)

APPENDIX B

LABORATORY TEST DATA

U.S. Standard Sieve Size	T-1 @2½'	T-1 @4½'	T-3 @2'	T-8 @5'	T-10 @5½'	T-11 @4'	T-13 @4'	T-14 @4½'	T-15 @5'
			% Passing Size Shown						
3"			100						
2"			97						
1½"			92			100	100		
1"			87			97	99		
3/4"			82			94	97		
½"			77			91	95		
3/8"			72			88	93		
No. 4			60			82	88		
No. 8			50			76	84		
No. 16			35			71	76		
No. 30			23			63	68		
No. 50			16			57	57		
No. 100			12			49	44		
No. 200			9			23	30		
U.S.C. Group Symbol			SW-SC			SM	SC		
Sand Equivalent			19			12	13		
In-Place Moisture	9.8	5.5		7.3	5.6	16.3	5.5	6.2	5.2
In-Place Dry Density	107.7	91.1		105.7	110.2	104.2	121.0	99.8	102.6
Optimum Moisture	10					10	9		
Maximum Dry Density	126.0					124.0	130.0		
Relative Compaction	86.0					84.0	93.0		

Gravel

Sand

Silt & Clay

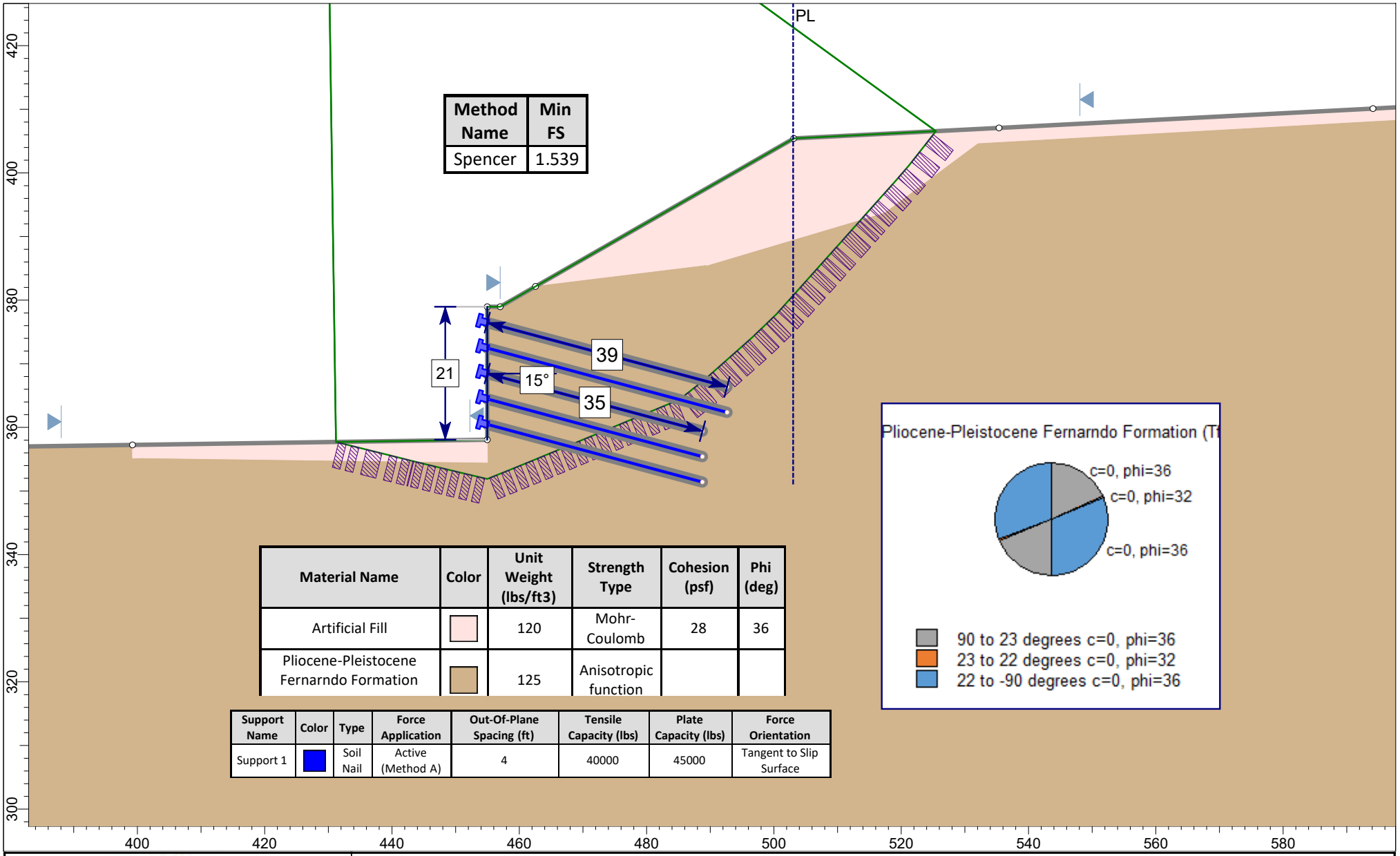
APPENDIX B

LABORATORY TEST DATA (CONTINUED)

	T-1 @2½'	T-1 @4½'	T-3 @2'	T-8 @5'	T-10 @5½'	T-11 @4'	T-13 @4'	T-14 @4½'	T-15 @5'
Expansion Index Data									
Molded Moisture			9.5			11.2			
Molded Dry Density			110.8			104.4			
Moisture After Test			17.2			20.2			
Volumetric Swell			1.0%			0.7%			
Expansion Index			10			7			
Potential Expansion			Very Low			Very Low			

APPENDIX D

SLOPE STABILITY RUNS



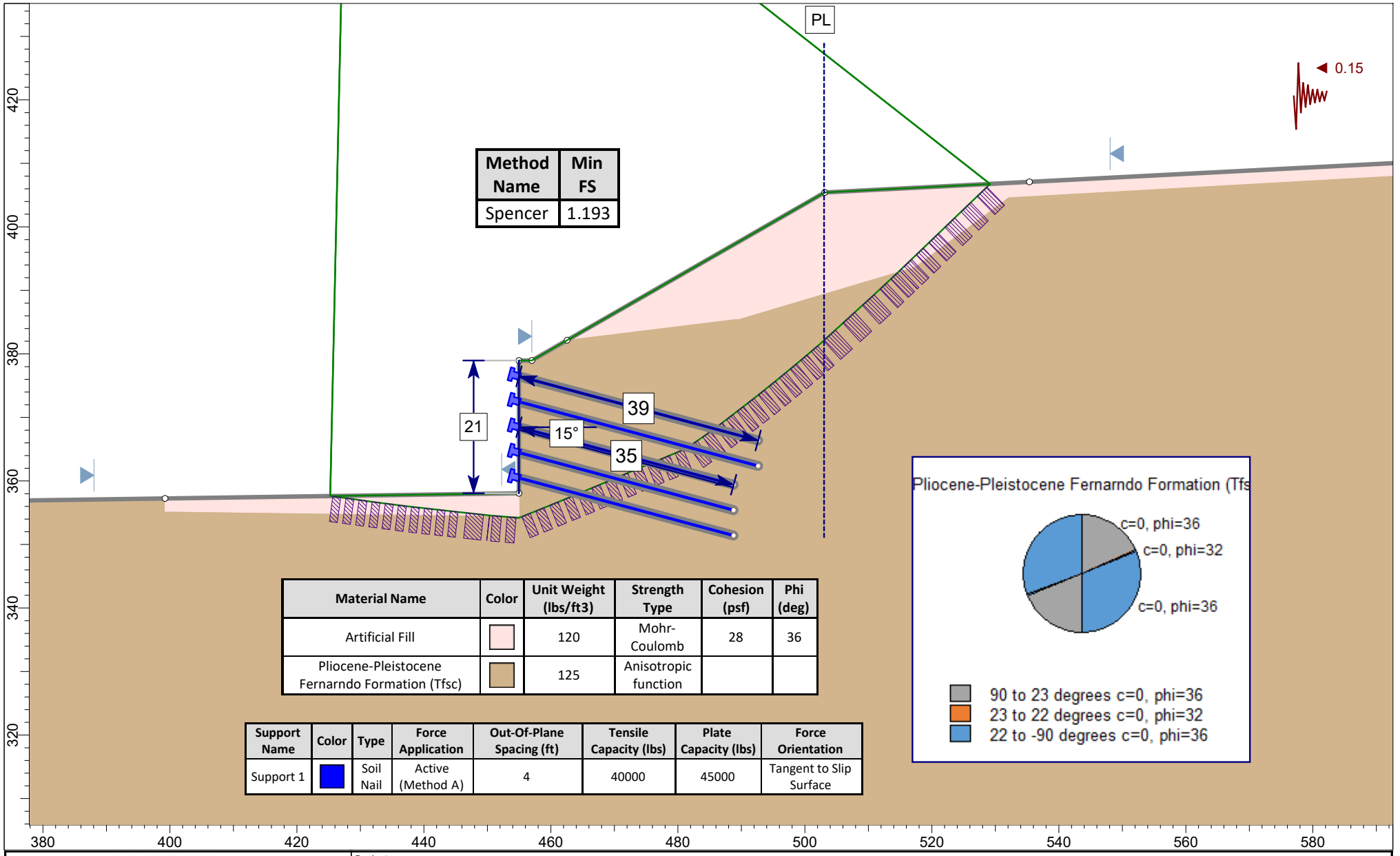
Material Name	Color	Unit Weight (lbs/ft3)	Strength Type	Cohesion (psf)	Phi (deg)
Artificial Fill		120	Mohr-Coulomb	28	36
Pliocene-Pleistocene Fernarndo Formation		125	Anisotropic function		

Support Name	Color	Type	Force Application	Out-Of-Plane Spacing (ft)	Tensile Capacity (lbs)	Plate Capacity (lbs)	Force Orientation
Support 1		Soil Nail	Active (Method A)	4	40000	45000	Tangent to Slip Surface

Leighton

SLIDEINTERPRET 9.018

Project	Proposed Data Center Facility, 1977 Saturn Street, Monterrey Park		
Group	Section B-B	Scenario	Static
Drawn By	LPM	Company	Leighton Consulting, Inc.
Date	1/30/2024	File Name	Section B-B'.slmd



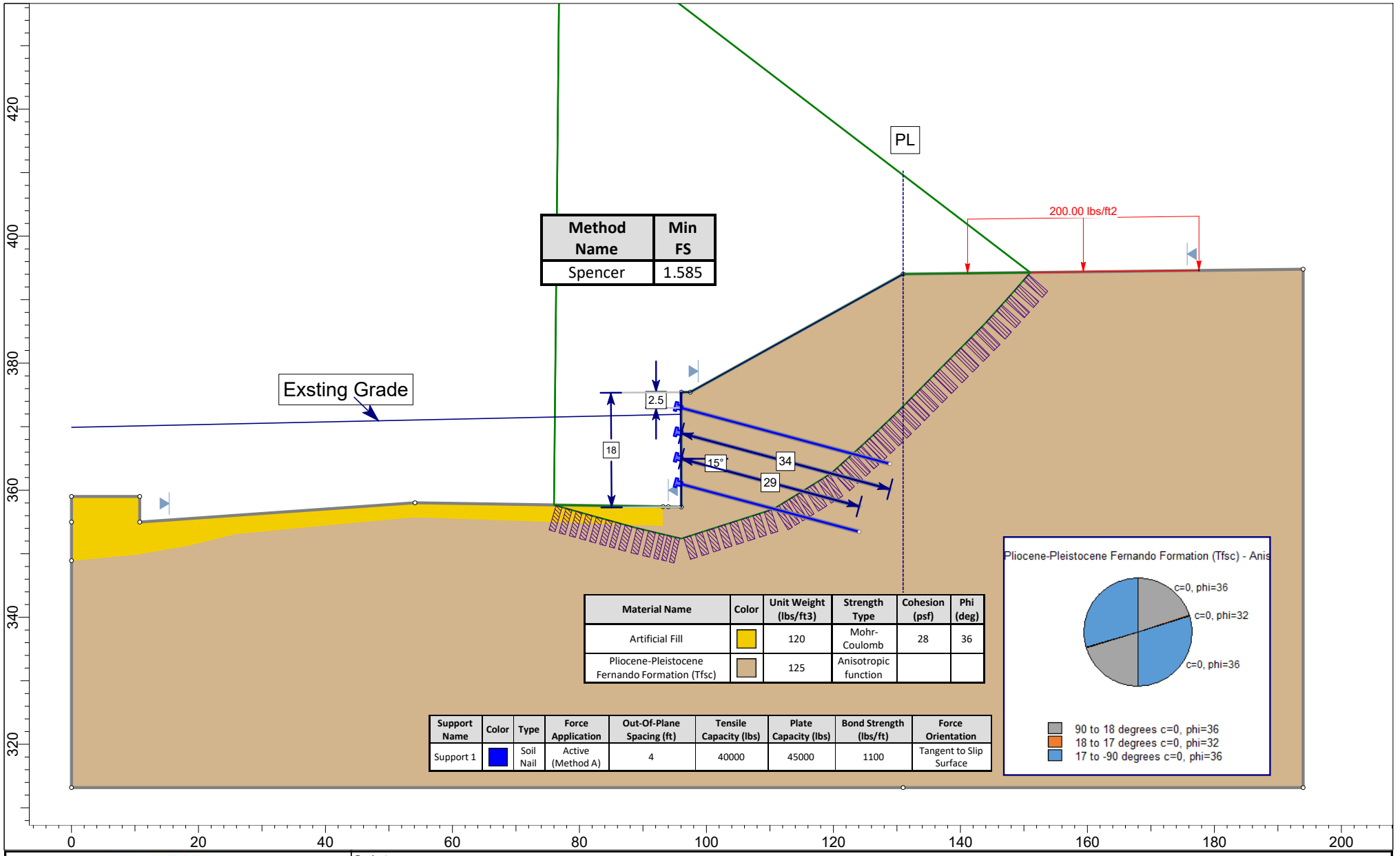
Material Name	Color	Unit Weight (lbs/ft3)	Strength Type	Cohesion (psf)	Phi (deg)
Artificial Fill		120	Mohr-Coulomb	28	36
Pliocene-Pleistocene Fernarndo Formation (Tfsc)		125	Anisotropic function		

Support Name	Color	Type	Force Application	Out-Of-Plane Spacing (ft)	Tensile Capacity (lbs)	Plate Capacity (lbs)	Force Orientation
Support 1		Soil Nail	Active (Method A)	4	40000	45000	Tangent to Slip Surface

Leighton

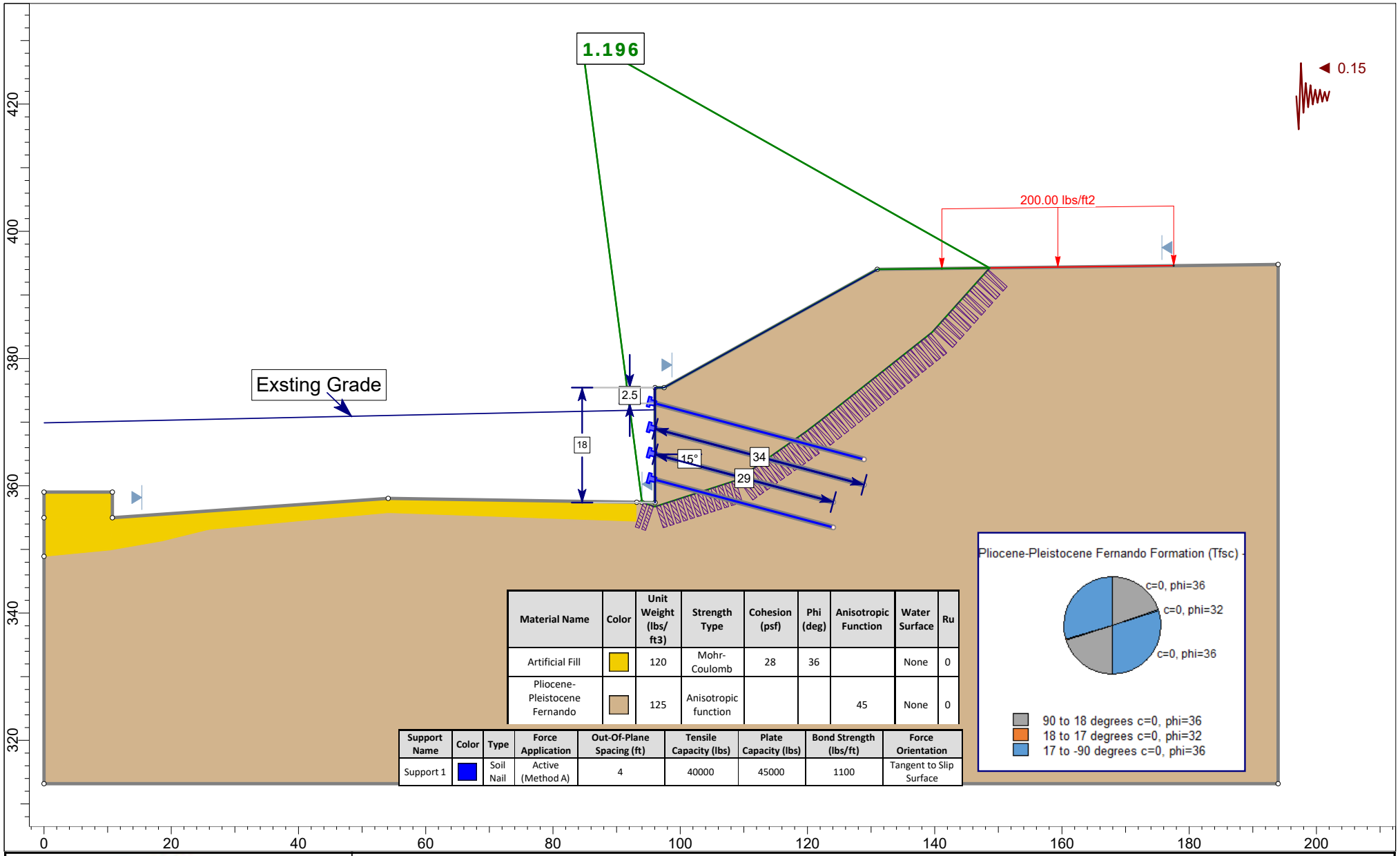
SLIDEINTERPRET 9.018

Project	Proposed Data Center Facility, 1977 Saturn Street, Monterrey Park		
Group	Section B-B	*Scenario*	Pseudo-Static
Drawn By	LPM	*Company*	Leighton Consulting, Inc.
Date	1/30/2024	*File Name*	Section B-B'.slmd



Leighton	*Project*	Proposed Data Center Facility, 1977 Saturn Street, Monterrey Park	
	Group	Section D-D	*Scenario* Static
	Drawn By	LPM	*Company* Leighton Consulting, Inc.
	Date	1/30/2024	*File Name* Section D-D'.slmd

SLIDEINTERPRET 9.018



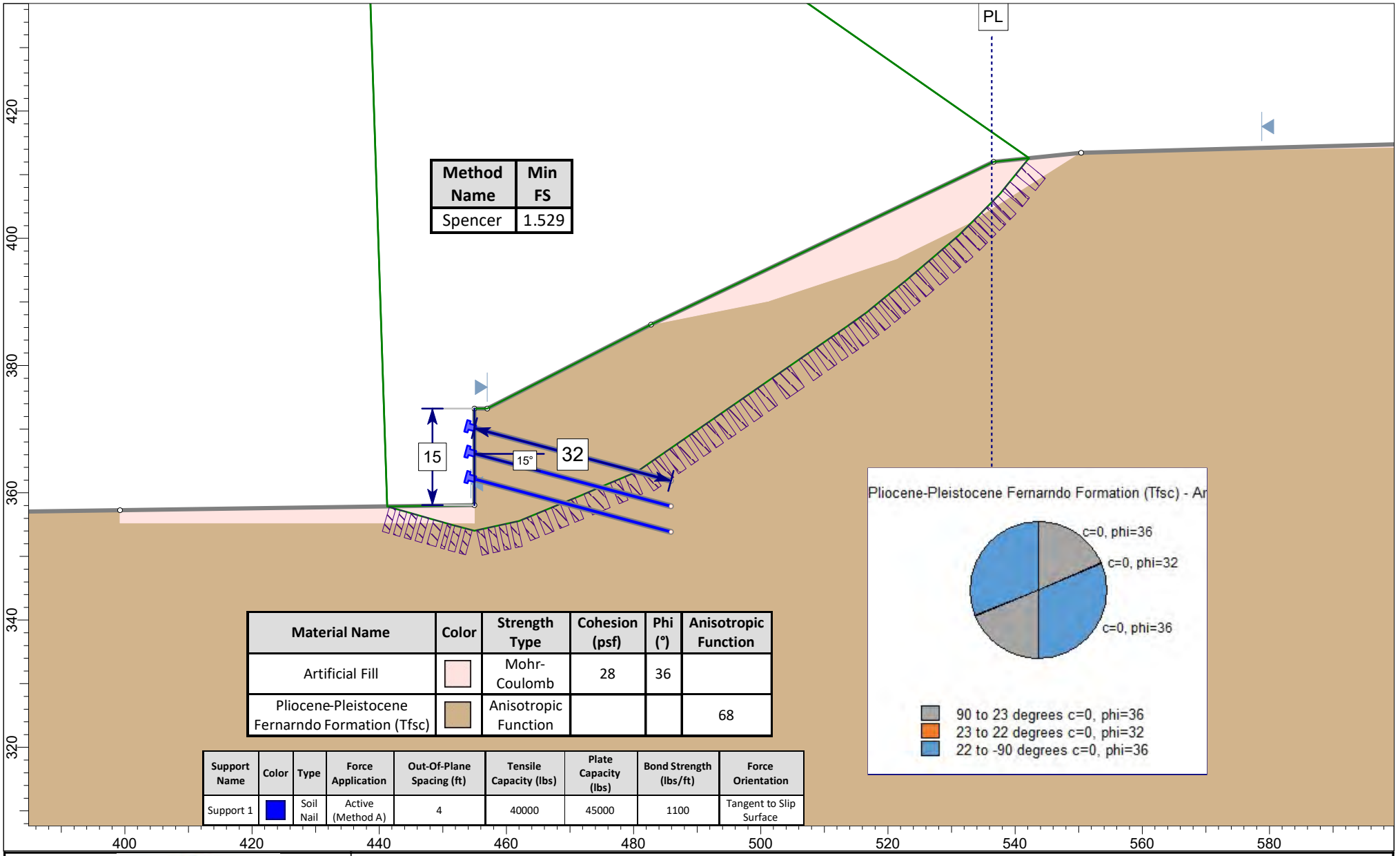
Material Name	Color	Unit Weight (lbs/ ft3)	Strength Type	Cohesion (psf)	Phi (deg)	Anisotropic Function	Water Surface	Ru
Artificial Fill		120	Mohr-Coulomb	28	36		None	0
Pliocene-Pleistocene Fernando		125	Anisotropic function			45	None	0

Support Name	Color	Type	Force Application	Out-Of-Plane Spacing (ft)	Tensile Capacity (lbs)	Plate Capacity (lbs)	Bond Strength (lbs/ft)	Force Orientation
Support 1		Soil Nail	Active (Method A)	4	40000	45000	1100	Tangent to Slip Surface

Leighton

SLIDEINTERPRET 9.018

Project	Proposed Data Center Facility, 1977 Saturn Street, Monterrey Park		
Group	Section D-D	Scenario	Pseudo-Static
Drawn By	LPM	Company	Leighton Consulting, Inc.
Date	1/30/2024	File Name	Section D-D'.slmd



Method Name	Min FS
Spencer	1.529

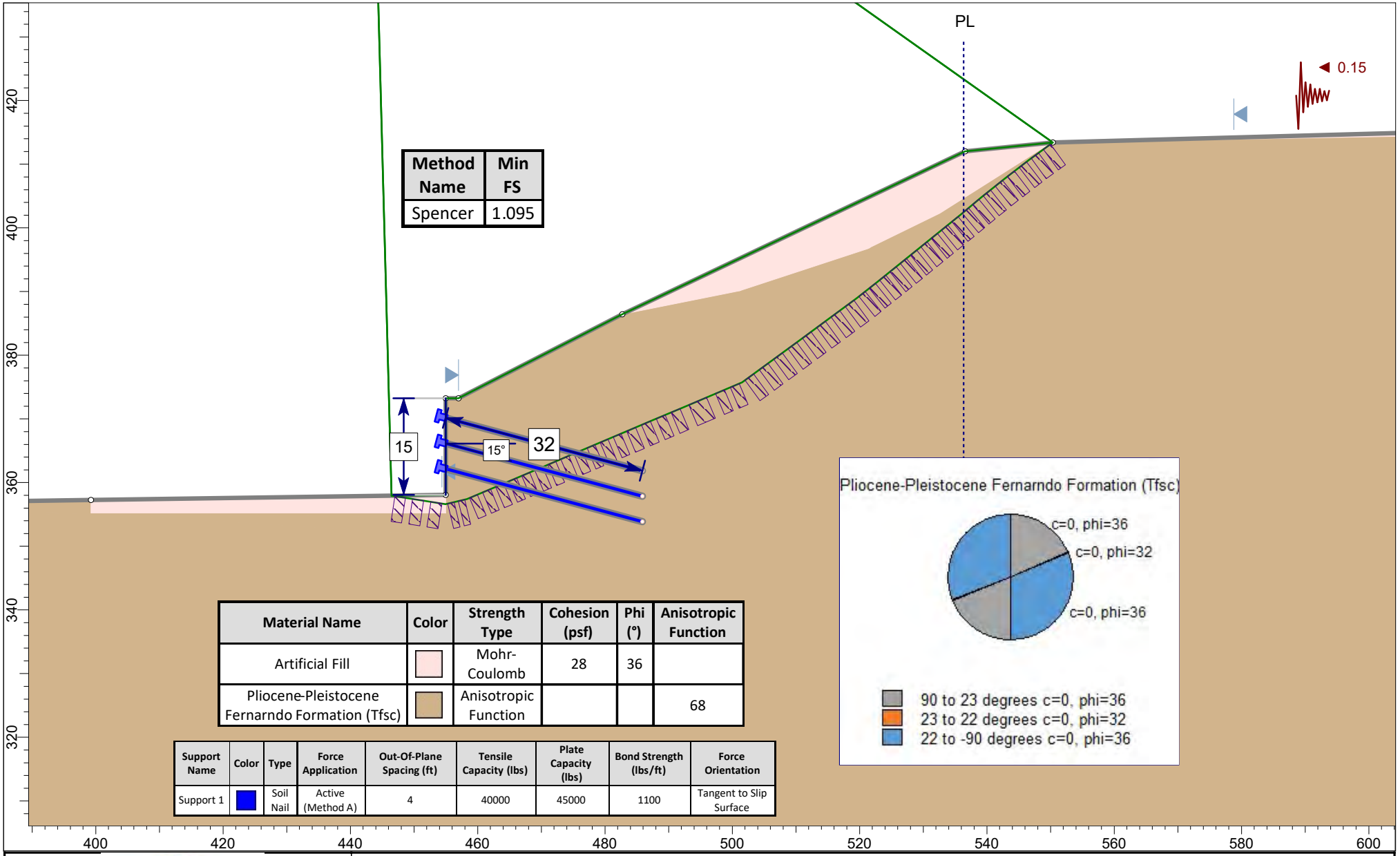
Material Name	Color	Strength Type	Cohesion (psf)	Phi (°)	Anisotropic Function
Artificial Fill		Mohr-Coulomb	28	36	
Pliocene-Pleistocene Fernarndo Formation (Tfsc)		Anisotropic Function			68

Support Name	Color	Type	Force Application	Out-Of-Plane Spacing (ft)	Tensile Capacity (lbs)	Plate Capacity (lbs)	Bond Strength (lbs/ft)	Force Orientation
Support 1		Soil Nail	Active (Method A)	4	40000	45000	1100	Tangent to Slip Surface

Leighton

SLIDEINTERPRET 9.031

Project	Proposed Data Center Facility, 1977 Saturn Street, Monterrey Park		
Group	Section E-E	*Scenario*	Static
Drawn By	LPM	*Company*	Leighton Consulting, Inc.
Date	1/31/2024	*File Name*	Section E-E'.slmd



Material Name	Color	Strength Type	Cohesion (psf)	Phi (°)	Anisotropic Function
Artificial Fill		Mohr-Coulomb	28	36	
Pliocene-Pleistocene Fernarndo Formation (Tfsc)		Anisotropic Function			68

Support Name	Color	Type	Force Application	Out-Of-Plane Spacing (ft)	Tensile Capacity (lbs)	Plate Capacity (lbs)	Bond Strength (lbs/ft)	Force Orientation
Support 1		Soil Nail	Active (Method A)	4	40000	45000	1100	Tangent to Slip Surface

Leighton

SLIDEINTERPRET 9.03

Project	Proposed Data Center Facility, 1977 Saturn Street, Monterrey Park		
Group	Section E-E	*Scenario*	Pseudo Static
Drawn By	LPM	*Company*	Leighton Consulting, Inc.
Date	1/31/2024	*File Name*	Section E-E'.slmd

APPENDIX E

SEISMIC

Determination of Site Class and Estimation of Shear Wave Velocity

Project: 19850 - 1977 Saturn

Depth (ft)	di, Layer Thick (ft)	Field Blow Counts, Ni Corrected for Cs and sampler type Blows per foot (bpf) LB-1	LB-2	LB-3	LB-4	Average Ni (bpf)	Ni Hammer Corr: 1.3	di / Ni
5	6		14	15		15	19	0.32
7	2.5		10	15		13	16	0.15
10	4		10	12		11	14	0.28
15	5		19	34		27	34	0.15
20	5		44	80		62	81	0.06
25	5		42			42	55	0.09
30	5		42	*Assumed based on deepest blowcount		42	55	0.09
35	5		42	and blowcounts within bedrock.		42	55	0.09
40	7.5		42			42	55	0.14
50	10		42			42	55	0.18
60	10		70	**Legend:**		70	91	0.11
70	10		70		Approx. New Fill for Pad Grade	70	91	0.11
80	10		70	---------	Approx. Bedrock Contact	70	91	0.11
90	10		70			70	91	0.11
100	5		70			70	91	0.05
Summatio	100							2.05

Navg = Sum(di) / Sum(di / Ni) = 49

Extract of ASCE 7-16 Table 20.3-1 Site Classification (2022 CBC 1613.2.2):

Site Class	Soil Profile Name	Avg. N upper 100' from	to	Vs30 (ft/sec) from	to	Vs30 (m/s) from	to	Site Avg N	Interpolated vs30 (ft/s)
A	Hard Rock	-		5000	10000	1524	3048		
B	Rock	-		2500	5000	762	1524		
C	VD soil & soft rock	50.001	100	1200	2500	366	762		
D	Stiff Soil	15	50	600	1200	183	366	**49**	**1180**
E	Soft Soil	0	14.999	0	600	0	183		
F		-	-			0	0		

Site class, Table 20.3-1: D

Estimation of Average Shear Wave Velocity in upper 100 ft (Vs30):

	ft/s	m/s
Approx. Vs30 (interpolation of Table 20.3-1) =	1180	360
Approx. Vs30 sands (Imai and Tonouchi, 1982) =	1186	362
Approx. Vs30 sands (Sykora and Stokoe, 1983) =	1000	305
Approx. Vs30 (Maheswari, Boominathan, Dodagoudar, 2009) =	971	296

USGS web services were down for some period of time and as a result this tool wasn't operational, resulting in *timeout* error.
USGS web services are now operational so this tool should work as expected.

OSHPD

Latitude, Longitude: 34.0402, -118.1141



Date	1/8/2024, 5:31:51 PM
Design Code Reference Document	ASCE7-16
Risk Category	II
Site Class	D - Stiff Soil

Type	Value	Description
S_S	1.918	MCE_R ground motion. (for 0.2 second period)
S_1	0.689	MCE_R ground motion. (for 1.0s period)
S_{MS}	1.918	Site-modified spectral acceleration value
S_{M1}	null -See Section 11.4.8	Site-modified spectral acceleration value
S_{DS}	1.279	Numeric seismic design value at 0.2 second SA
S_{D1}	null -See Section 11.4.8	Numeric seismic design value at 1.0 second SA

Type	Value	Description
SDC	null -See Section 11.4.8	Seismic design category
F_a	1	Site amplification factor at 0.2 second
F_v	null -See Section 11.4.8	Site amplification factor at 1.0 second
PGA	0.828	MCE_G peak ground acceleration
F_{PGA}	1.1	Site amplification factor at PGA
PGA_M	0.91	Site modified peak ground acceleration
T_L	8	Long-period transition period in seconds
SsRT	1.918	Probabilistic risk-targeted ground motion. (0.2 second)
SsUH	2.145	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration
SsD	2.469	Factored deterministic acceleration value. (0.2 second)
S1RT	0.689	Probabilistic risk-targeted ground motion. (1.0 second)
S1UH	0.771	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration.
S1D	0.773	Factored deterministic acceleration value. (1.0 second)
PGAd	0.994	Factored deterministic acceleration value. (Peak Ground Acceleration)
PGA_{UH}	0.828	Uniform-hazard (2% probability of exceedance in 50 years) Peak Ground Acceleration
C_{RS}	0.894	Mapped value of the risk coefficient at short periods
C_{R1}	0.894	Mapped value of the risk coefficient at a period of 1 s
C_V	1.484	Vertical coefficient

Determination of Site Class and Estimation of Shear Wave Velocity

Project: 19850 - 1977 Saturn

Depth (ft)	di, Layer Thick (ft)	Field Blow Counts, Ni Corrected for Cs and sampler type Blows per foot (bpf) LB-1	LB-2	LB-3	LB-4	Average Ni (bpf)	Ni Hammer Corr: 1.3	di / Ni
5	6	22	14	15	15	17	21	0.28
7	2.5	22	10	15	15	16	20	0.12
10	4	34	10	12	15	18	23	0.17
15	5	79	19	34	80	53	69	0.07
20	5	84	44	80	69	69	90	0.06
25	5		42	78		60	78	0.06
30	5		42			42	55	0.09
35	5		42	*Assumed based on deepest blowcount		42	55	0.09
40	7.5		42	and blowcounts within bedrock.		42	55	0.14
50	10		70			70	91	0.11
60	10		70	**Legend:**		70	91	0.11
70	10		70		Approx. New Fill for Pad Grade	70	91	0.11
80	10		70	---------	Approx. Bedrock Contact	70	91	0.11
90	10		70			70	91	0.11
100	5		70			70	91	0.05
Summatio	100							1.69
							Navg = Sum(di) / Sum(di / Ni) =	**59**

Extract of ASCE 7-16 Table 20.3-1 Site Classification (2022 CBC 1613.2.2):

Site Class	Soil Profile Name	Avg. N upper 100' from	to	Vs30 (ft/sec) from	to	Vs30 (m/s) from	to	Site Avg N	Interpolated vs30 (ft/s)
A	Hard Rock	-		5000	10000	1524	3048		
B	Rock	-		2500	5000	762	1524		
C	VD soil & soft rock	50.001	100	1200	2500	366	762	**59**	**1435**
D	Stiff Soil	15	50	600	1200	183	366		
E	Soft Soil	0	14.999	0	600	0	183		
F		-	-			0	0		

Site class, Table 20.3-1: C

Estimation of Average Shear Wave Velocity in upper 100 ft (Vs30):

	ft/s	m/s
Approx. Vs30 (interpolation of Table 20.3-1) =	1435	437
Approx. Vs30 sands (Imai and Tonouchi, 1982) =	1259	384
Approx. Vs30 sands (Sykora and Stokoe, 1983) =	1053	321
Approx. Vs30 (Maheswari, Boominathan, Dodagoudar, 2009) =	1029	313

USGS web services were down for some period of time and as a result this tool wasn't operational, resulting in *timeout* error.
USGS web services are now operational so this tool should work as expected.

Latitude, Longitude: 34.0402, -118.1141



Date	1/8/2024, 5:32:44 PM
Design Code Reference Document	ASCE7-16
Risk Category	II
Site Class	C - Very Dense Soil and Soft Rock

Type	Value	Description
S_S	1.918	MCE_R ground motion. (for 0.2 second period)
S_1	0.689	MCE_R ground motion. (for 1.0s period)
S_{MS}	2.302	Site-modified spectral acceleration value
S_{M1}	0.965	Site-modified spectral acceleration value
S_{DS}	1.534	Numeric seismic design value at 0.2 second SA
S_{D1}	0.643	Numeric seismic design value at 1.0 second SA

Type	Value	Description
SDC	D	Seismic design category
F_a	1.2	Site amplification factor at 0.2 second
F_v	1.4	Site amplification factor at 1.0 second
PGA	0.828	MCE_G peak ground acceleration
F_{PGA}	1.2	Site amplification factor at PGA
PGA_M	0.993	Site modified peak ground acceleration
T_L	8	Long-period transition period in seconds
SsRT	1.918	Probabilistic risk-targeted ground motion. (0.2 second)
SsUH	2.145	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration
SsD	2.469	Factored deterministic acceleration value. (0.2 second)
S1RT	0.689	Probabilistic risk-targeted ground motion. (1.0 second)
S1UH	0.771	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration.
S1D	0.773	Factored deterministic acceleration value. (1.0 second)
PGAd	0.994	Factored deterministic acceleration value. (Peak Ground Acceleration)
PGA_{UH}	0.828	Uniform-hazard (2% probability of exceedance in 50 years) Peak Ground Acceleration
C_{RS}	0.894	Mapped value of the risk coefficient at short periods
C_{R1}	0.894	Mapped value of the risk coefficient at a period of 1 s
C_V	1.284	Vertical coefficient

Liquefaction Susceptibility Analysis: SPT Method

Leighton

Youd and Idriss (2001), Martin and Lew (1999)

Description: 1977 Saturn Monterrey Park; Case 3; PGAm 0.993; design GW 100; Overex./scarify 4

Project No.: 19850

Jan 2024

General Boring Information:

Boring No.	Existing GW Depth (ft)	Design GW Depth (ft)	Design Fill Height (ft)	Overex or mitig depth (ft)	Ground Surface Elev (ft)	design gw elve
LB-1	100	100		4	370	270
LB-2	100	100		4	370	270
LB-3	100	100		4	351	251
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0

Boring Location Coordinates	
X (ft)	Y (ft)

General Parameters:

a_{max} = 0.99g

M_W = 6.91

MSF eq: 1

MSF = 1.23

Hammer Efficiency = 84

C_E = 1.40

C_B = 1

C_S for SPT? TRUE

Unlined, but room for liner

Rod Stickup (feet) = 3

Ring sample correction = 0.65

Summary of Liquefaction Susceptibility Analysis: SPT Method

Leighton

Liquefaction Method: Youd and Idriss (2001). Seismic Settlement Method: Tokimatsu and Seed (1987) and Martin and Lew (1999).

Project: 1977 Saturn Monterrey Park; Case 3; PGAm 0.993; design GW 100; Overex./scarify 4

Project No.: 19850

Boring No.	Approx. Layer Depth (ft)	Elevation (ft)	SPT Depth (ft)	Approx Layer Thickness (ft)	Plasticity ("n"=non susc. to liq.)	Estimated Fines Cont (%)	γ_t (pcf)	N_m or B (blows/ft)	Sampler Type (enter 2 if mod CA Ring)	Cs	N_m (corrected for Cs and ring->SPT) (blows/ft)	Exist σ_{vo}' (psf)	$(N_1)_{60}$	$(N_1)_{60CS}$	Design σ_{vo}' (psf)	$CSR_{7.5}$	CSR_M	**Liquefaction Factor of Safety**	$(N_1)_{60CS}$ (for Settlement) (blows/ft)	Dry Sand Strain (%) (Tok/ Seed 87) (%)	Seismic Sett. of Layer (in.)	**Cummulative Seismic Settlement** (in.)
LB-1	0 to 2.5	369	1	2.5	OX	36	120	50	1	1.3	65.0	120	116.0	144.2	120	0.64	0.52	**NonLiq**	144.2	0.00	0.00	0.1
LB-1	2.5 to 4.0	366	4	1.5	OX	50	120	50	1	1.3	65.0	480	116.0	144.2	480	0.64	0.52	**NonLiq**	144.2	0.00	0.00	0.1
LB-1	4.0 to 6.5	366	4	2.5		50	120	22	1	1.3	28.6	480	51.1	66.3	480	0.64	0.52	**NonLiq**	66.3	0.06	0.02	0.1
LB-1	6.5 to 11.5	361	9	5.0		**44**	120	34	1	1.3	44.2	1080	68.8	87.6	1080	0.63	0.51	**NonLiq**	87.6	0.05	0.03	0.1
LB-1	11.5 to 16.5	356	14	5.0		44	120	89	1	1.3	115.7	1680	153.5	189.2	1680	0.62	0.51	**NonLiq**	189.2	0.02	0.01	0.0
LB-1	16.5 to 21.0	351	19	4.5		44	120	84	1	1.3	109.2	2280	139.0	171.8	2280	0.62	0.50	**NonLiq**	171.8	0.03	0.01	0.0
LB-2	0 to 4.0	366	4	4.0	OX	54	120	50	1	1.3	65.0	480	116.0	144.2	480	0.64	0.52	**NonLiq**	144.2	0.00	0.00	0.6
LB-2	4.0 to 6.5	366	4	2.5		54	120	15	1	1.3	19.5	480	34.8	46.8	480	0.64	0.52	**NonLiq**	46.8	0.09	0.03	0.6
LB-2	6.5 to 11.5	361	9	5.0		**54**	120	11	1	1.21	13.3	1080	20.7	29.8	1080	0.63	0.51	**NonLiq**	29.8	0.76	0.46	0.6
LB-2	11.5 to 16.5	356	14	5.0		30	120	19	1	1.3	24.7	1680	32.8	42.5	1680	0.62	0.51	**NonLiq**	42.5	0.07	0.04	0.1
LB-2	16.5 to 21.5	351	19	5.0		17	120	44	1	1.3	57.2	2280	72.8	80.2	2280	0.62	0.50	**NonLiq**	80.2	0.06	0.03	0.1
LB-2	21.5 to 26.0	346	24	4.5		**17**	120	42	1	1.3	54.6	2880	61.8	68.6	2880	0.61	0.49	**NonLiq**	68.6	0.11	0.06	0.1
LB-3	0 to 4.0	348.5	2.5	4.0	OX	35	120	50	1	1.3	65.0	300	116.0	144.2	300	0.64	0.52	**NonLiq**	144.2	0.00	0.00	0.1
LB-3	4.0 to 4.3	348.5	2.5	0.3		35	120	15	1	1.3	19.5	300	34.8	46.8	300	0.64	0.52	**NonLiq**	46.8	0.03	0.00	0.1
LB-3	4.3 to 9.5	345	6	5.3		35	120	15	1	1.3	19.5	720	34.8	46.8	720	0.64	0.52	**NonLiq**	46.8	0.05	0.03	0.1
LB-3	9.5 to 14.0	338	13	4.5		50	120	69	2	1	44.9	1560	61.7	79.1	1560	0.63	0.51	**NonLiq**	79.1	0.03	0.02	0.1
LB-3	14.0 to 16.5	336	15	2.5		**36**	120	34	1	1.3	44.2	1800	56.6	73.0	1800	0.62	0.51	**NonLiq**	73.0	0.04	0.01	0.1
LB-3	16.5 to 20.5	333	18	4.0		18	120	90	2	1	58.5	2160	76.5	84.8	2160	0.62	0.50	**NonLiq**	84.8	0.05	0.02	0.0
LB-3	20.5 to 25.0	328	23	4.5		**18**	120	78	1	1.3	101.4	2760	117.3	128.3	2760	0.61	0.50	**NonLiq**	128.3	0.04	0.02	0.0

U.S. Geological Survey - Earthquake Hazards Program

Unified Hazard Tool

Please do not use this tool to obtain ground motion parameter values for the design code reference documents covered by the U.S. Seismic Design Maps web tools (e.g., the International Building Code and the ASCE 7 or 41 Standard). The values returned by the two applications are not identical.

Please also see the new USGS Earthquake Hazard Toolbox for access to the most recent NSHMs for the conterminous U.S. and Hawaii.

Input

Edition

Dynamic: Conterminous U.S. 2014 (update) (4.2.0)

Spectral Period

Peak Ground Acceleration

Latitude

Decimal degrees

34.0402

Time Horizon

Return period in years

2475

Longitude

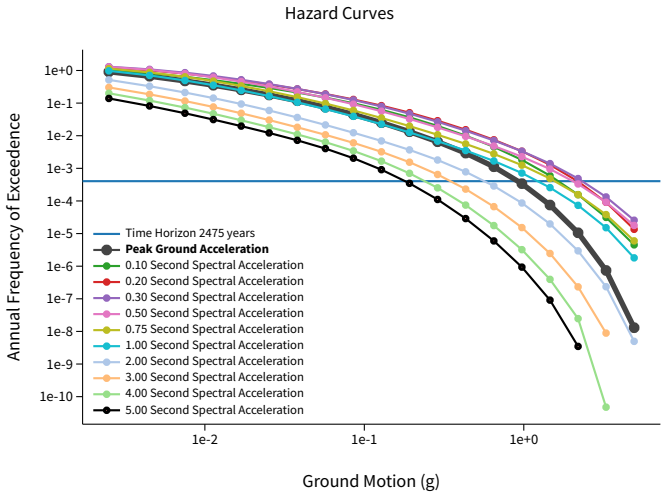
Decimal degrees, negative values for western longitudes

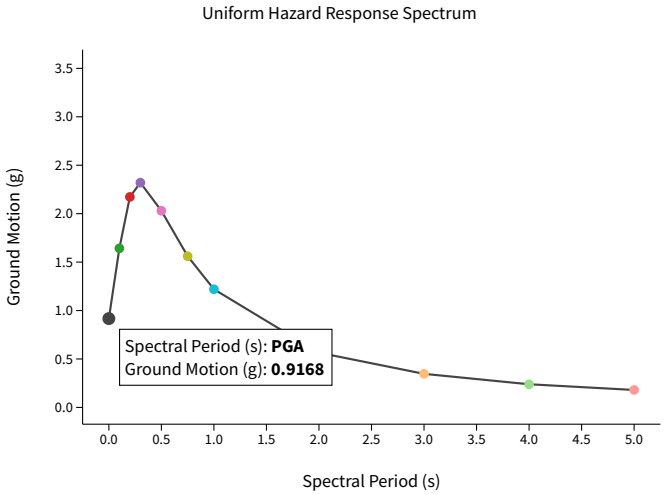
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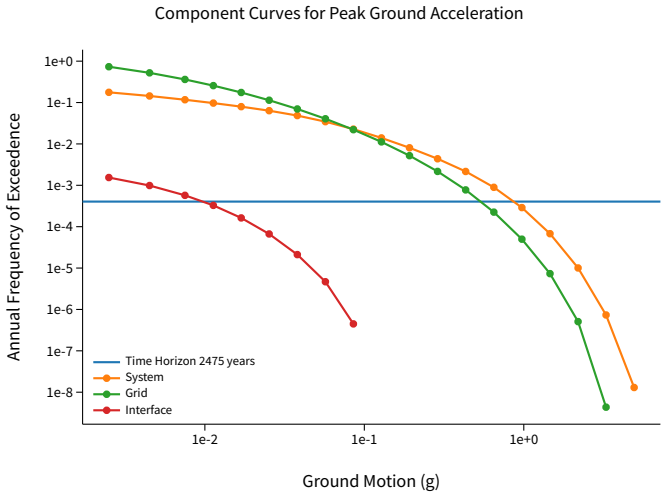
Site Class

360 m/s (C/D boundary)

Hazard Curve





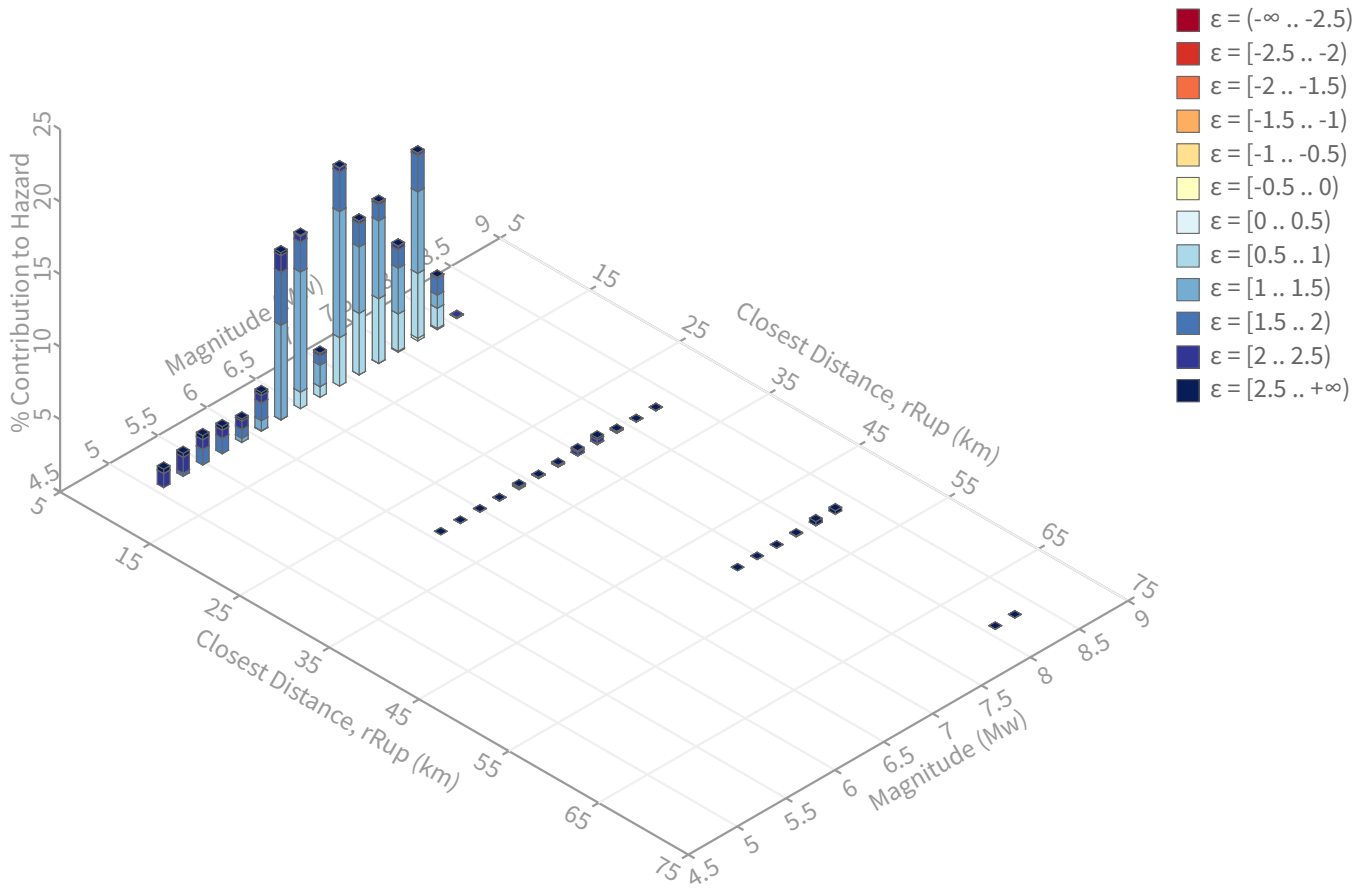


View Raw Data

Deaggregation

Component

Total



Summary statistics for, Deaggregation: Total

Deaggregation targets

Return period: 2475 yrs
Exceedance rate: 0.0004040404 yr^{-1}
PGA ground motion: 0.91681803 g

Recovered targets

Return period: 2891.2721 yrs
Exceedance rate: 0.00034586852 yr^{-1}

Totals

Binned: 100 %
Residual: 0 %
Trace: 0.05 %

Mean (over all sources)

m: 6.91
r: 9.54 km
ε_0: 1.37 σ

Mode (largest m-r bin)

m: 6.91
r: 8.16 km
ε_0: 1.23 σ
Contribution: 15.04 %

Mode (largest m-r-ε_0 bin)

m: 6.91
r: 8.39 km
ε_0: 1.21 σ
Contribution: 8.68 %

Discretization

r: min = 0.0, max = 1000.0, Δ = 20.0 km
m: min = 4.4, max = 9.4, Δ = 0.2
ε: min = -3.0, max = 3.0, Δ = 0.5 σ

Epsilon keys

ε0: [-∞ .. -2.5)
ε1: [-2.5 .. -2.0)
ε2: [-2.0 .. -1.5)
ε3: [-1.5 .. -1.0)
ε4: [-1.0 .. -0.5)
ε5: [-0.5 .. 0.0)
ε6: [0.0 .. 0.5)
ε7: [0.5 .. 1.0)
ε8: [1.0 .. 1.5)
ε9: [1.5 .. 2.0)
ε10: [2.0 .. 2.5)
ε11: [2.5 .. +∞]

Deaggregation Contributors

Source Set ↳ Source	Type	r	m	ε_0	lon	lat	az	%
UC33brAvg_FM31	System							43.57
Elysian Park (Upper) [0]		5.49	6.48	1.36	118.127°W	34.070°N	340.29	12.63
Elysian Park (Upper) [1]		7.46	7.15	1.18	118.169°W	34.072°N	305.53	5.80
Puente Hills [3]		8.53	7.12	0.93	118.167°W	33.989°N	220.95	4.88
Compton [1]		15.95	7.22	1.15	118.257°W	33.805°N	206.76	4.22
Whittier alt 1 [7]		7.89	6.88	1.61	118.046°W	33.999°N	126.31	4.03
Raymond [1]		9.28	7.28	1.56	118.132°W	34.121°N	349.54	3.21
Compton [2]		15.95	7.51	1.17	118.286°W	33.817°N	212.59	2.09
Puente Hills [2]		8.63	7.32	0.93	118.143°W	33.972°N	199.31	1.49
UC33brAvg_FM32	System							42.19
Elysian Park (Upper) [0]		5.49	7.06	1.11	118.127°W	34.070°N	340.29	11.33
Puente Hills (Santa Fe Springs) [1]		9.34	6.94	0.98	118.093°W	33.934°N	170.63	6.01
Compton [1]		15.95	7.29	1.12	118.257°W	33.805°N	206.76	4.56
Whittier alt 2 [6]		7.93	7.11	1.31	118.046°W	33.998°N	126.83	3.87
Puente Hills (LA) [0]		5.69	7.17	0.74	118.116°W	33.990°N	182.24	3.19
Raymond [1]		9.28	7.28	1.56	118.132°W	34.121°N	349.54	2.94
Elysian Park (Upper) [1]		7.46	7.14	1.38	118.169°W	34.072°N	305.53	2.89
Puente Hills (Coyote Hills) [1]		11.47	7.28	1.34	118.044°W	33.915°N	155.27	1.93
Compton [2]		15.95	7.48	1.18	118.286°W	33.817°N	212.59	1.81
UC33brAvg_FM32 (opt)	Grid							7.35
PointSourceFinite: -118.114, 34.081		6.73	5.71	1.76	118.114°W	34.081°N	0.00	1.47
PointSourceFinite: -118.114, 34.081		6.73	5.71	1.76	118.114°W	34.081°N	0.00	1.47
UC33brAvg_FM31 (opt)	Grid							6.89
PointSourceFinite: -118.114, 34.081		6.76	5.69	1.77	118.114°W	34.081°N	0.00	1.51
PointSourceFinite: -118.114, 34.081		6.76	5.69	1.77	118.114°W	34.081°N	0.00	1.51

Appendix G

Greenhouse Gas Emissions Analysis Memorandum

Kimley»Horn

Kimley»Horn

MEMORANDUM

To:	Bryan Marsh, CEO, SDCF Monterey Park, LLC
From:	Heidi Rous, CPP, Kimley-Horn and Associates, Inc. Noemi Wyss, AICP, Kimley-Horn and Associates, Inc.
Date:	August 28, 2024
Subject:	1977 Saturn Data Center Project – Greenhouse Gas Emissions Analysis

1.0 Purpose

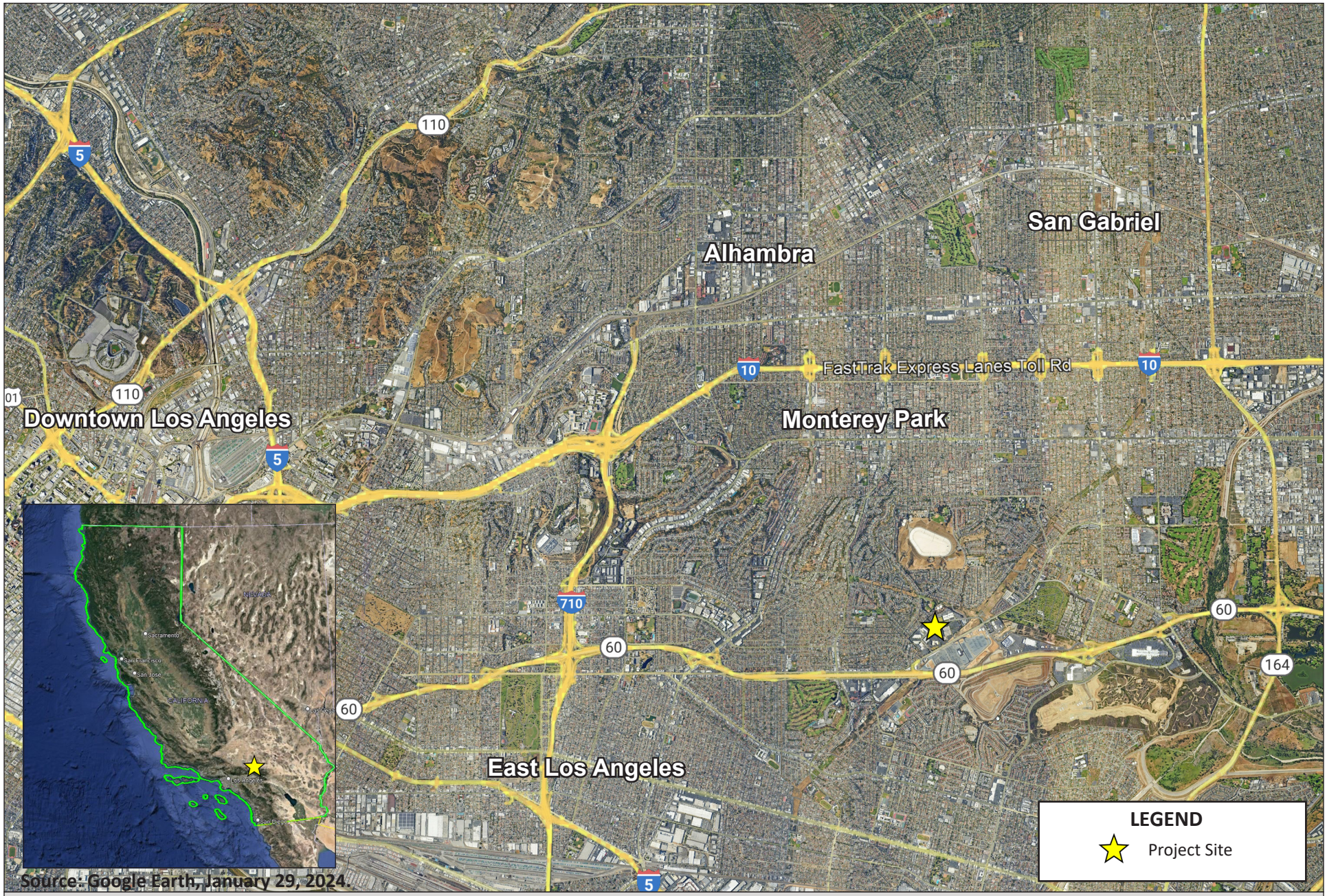
The purpose of this memorandum is to assess potential impacts due to greenhouse gas emissions associated with construction and operation of the 1977 Saturn Data Center Project (Project), proposed to be located in the City of Monterey Park (City), California.

2.0 Proposed Project Description

The Project would be located on an approximately 15.8-acre site (Project Site) at 1977 Saturn Street, see **Figure 1: Regional Vicinity Map**. The Project Site is bound by residences, a park, a commercial nursery, and water towers to the north, open space to the east, office uses to the south, and office uses and single-family residences to the west; see **Figure 2: Local Vicinity Map**. The Project Site is currently improved with a two-story commercial office building that is currently vacant, and an ancillary one-story building.

The Project would demolish and remove the existing improvements and construct a state of the art data center including approximately 218,400 square feet that would include approximately 109,970 square feet of data hall space and approximately 91,889 square feet of support space, which would consist of offices and meeting rooms, employee amenities (such as restrooms, break room, etc.), truck loading and unloading areas, storage areas, mechanical/electrical/fiber entry rooms, and other ancillary uses. See **Figure 3: Conceptual Site Plan**. The Project would include a 24,000 square foot electrical substation to be constructed on the northeastern portion of the site. To provide power during an interruption in SCE service, the Applicant would also install 14 diesel emergency generator sets (gen-set). Each gen-set would be capable of producing 4 megawatts (MW) to be used in the event of an emergency.

A total of sixty-eight (68) parking spaces would be provided adjacent to the eastern side of the proposed data center buildings, including three handicapped accessible spaces and three spaces for electrical vehicles (EV). The Project would also include two loading dock areas to accommodate deliveries and loading activities for the proposed data center. Vehicular access to the Project Site would be provided via two new gated driveways located along Saturn Street: one along the western perimeter of the Project Site and the other along the eastern perimeter of the Project Site.



Source: Google Earth, January 29, 2024.

FIGURE 1: REGIONAL VICINITY MAP

1977 Saturn Data Center Project

NOT TO SCALE

Kimley»Horn

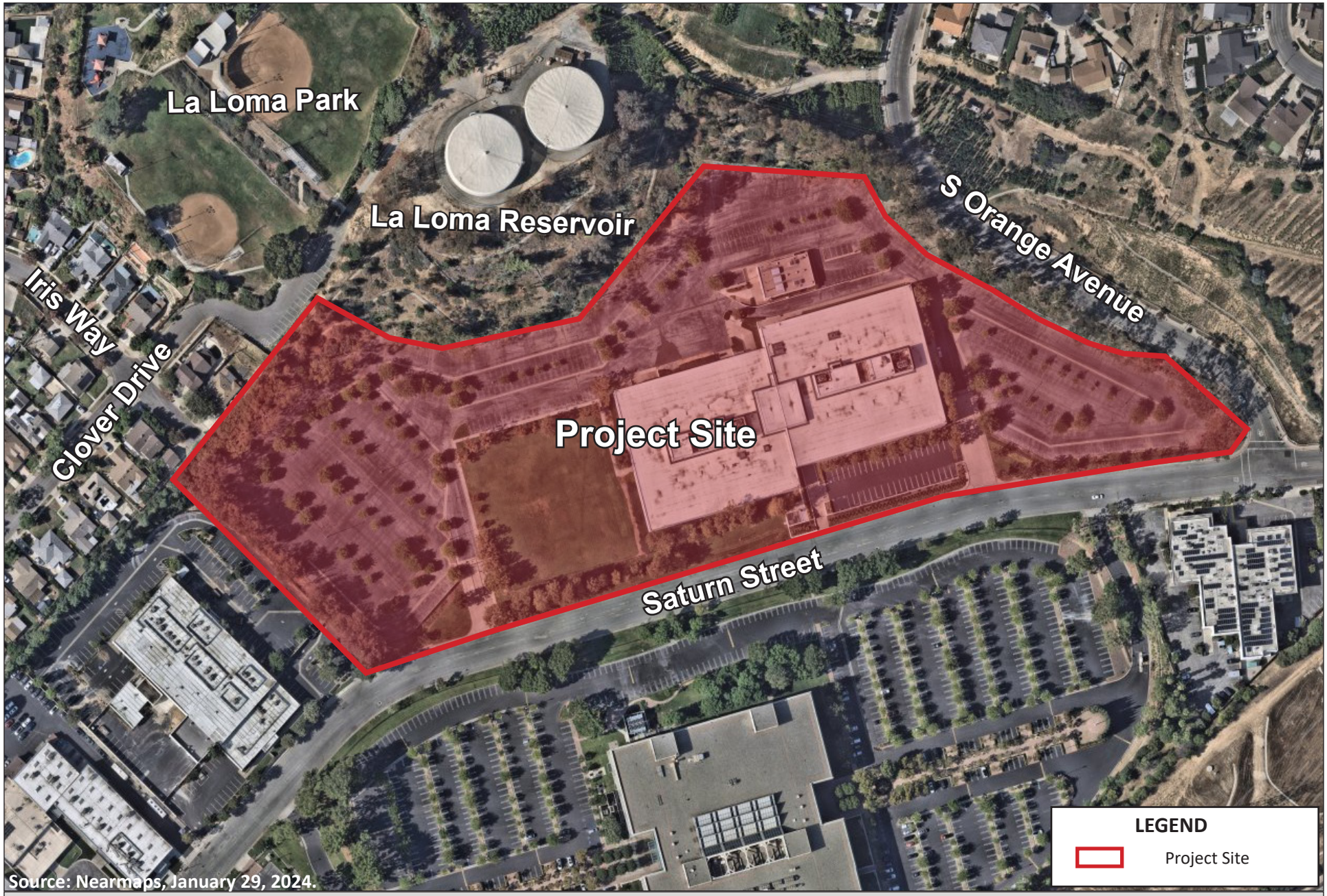
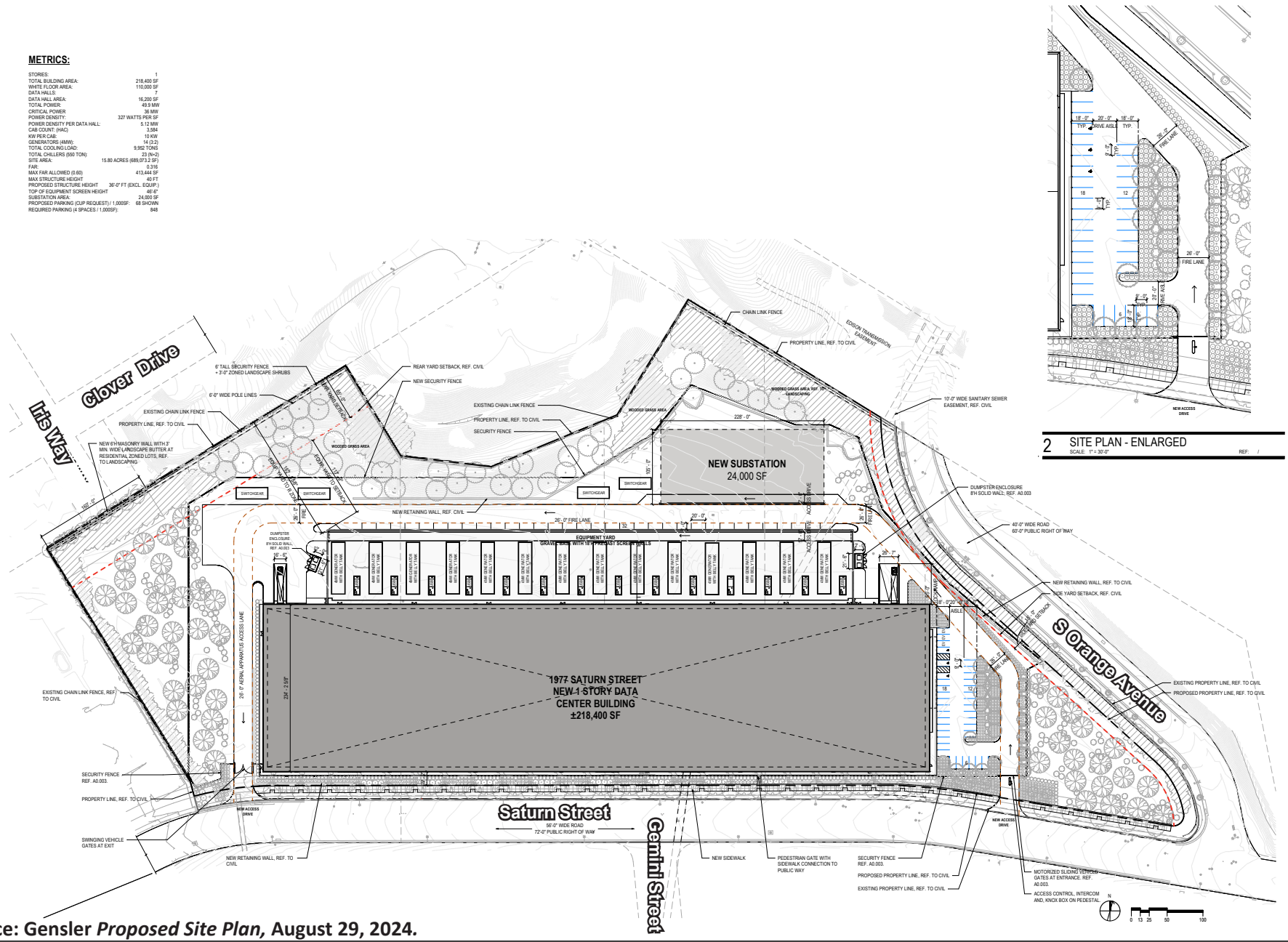


FIGURE 2: LOCAL VICINITY MAP
1977 Saturn Data Center Project

NOT TO SCALE

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Source: Gensler *Proposed Site Plan,* August 29, 2024.

FIGURE 3: CONCEPTUAL SITE PLAN

1977 Saturn Data Center Project

NOT TO SCALE

Kimley»Horn

Project construction is anticipated to occur in two phases, lasting approximately two years, beginning as early as September 2025 and ending as early as August 2027. For purposes of this environmental analysis, opening year is assumed to be 2027. Grading for the proposed improvements would require cut and fill to create building pads. Project construction is estimated to require the export of approximately 65,000 cubic yards (cy) of soil.

3.0 Background

Global climate change refers to changes in average climatic conditions on Earth as a whole, including temperature, wind patterns and precipitation. Global temperatures are moderated by naturally occurring atmospheric gases, including water vapor, carbon dioxide (CO_2), methane (CH_4), and nitrous oxide (N_2O), as well as hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF_6). These "greenhouse" gases (GHGs) allow solar radiation (sunlight) into the Earth's atmosphere but prevent radiative heat from escaping, thus warming the Earth's atmosphere. GHGs are emitted by both natural processes and human activities. Concentrations of GHG have increased in the atmosphere since the industrial revolution. Human activities that generate GHG emissions include combustion of fossil fuels (CO_2 and N_2O); natural gas generated from landfills, fermentation of manure and cattle farming (CH_4); and industrial processes such as nylon and nitric acid production (N_2O).

GHGs have varying global warming potential (GWP). The GWP is the potential of a gas or aerosol to trap heat in the atmosphere; it is the "cumulative radiative forcing effect of a gas over a specified time horizon resulting from the emission of a unit mass of gas relative to a reference gas." The reference gas for GWP is CO_2; therefore, CO_2 has a GWP factor of 1. The other main GHGs that have been attributed to human activity include CH_4, which has a GWP factor of 28, and N_2O, which has a GWP factor of 265. When accounting for GHGs, all types of GHG emissions are expressed in terms of CO_2 equivalents (CO_2e) and are typically quantified in metric tons (MT) or million metric tons (MMT).

4.0 Regulatory Framework

Federal

To date, national standards have not been established for nationwide GHG reduction targets, nor have any regulations or legislation been enacted specifically to address climate change and GHG emissions reduction at the project level. Various efforts have been promulgated at the federal level to improve fuel economy and energy efficiency to address climate change and its associated effects.

Energy Independence and Security Act of 2007

The Energy Independence and Security Act of 2007 (December 2007), among other key measures, requires the following, which would aid in the reduction of national GHG emissions:

- Increase the supply of alternative fuel sources by setting a mandatory Renewable Fuel Standard requiring fuel producers to use at least 36 billion gallons of biofuel in 2022.
- Set a target of 35 miles per gallon for the combined fleet of cars and light trucks by model year 2020 and direct the National Highway Traffic Safety Administration (NHTSA) to establish a fuel economy program for medium- and heavy-duty trucks and create a separate fuel economy standard for work trucks.
- Prescribe or revise standards affecting regional efficiency for heating and cooling products and procedures for new or amended standards, energy conservation, energy efficiency labeling for consumer electronic products, residential boiler efficiency, electric motor efficiency, and home appliances.

U.S. Environmental Protection Agency Endangerment Finding

The U.S. Environmental Protection Agency (EPA) authority to regulate GHG emissions stems from the U.S. Supreme Court decision in *Massachusetts v. EPA* (2007). The Supreme Court ruled that GHGs meet the definition of air pollutants under the existing Federal Clean Air Act (FCAA) and must be regulated if these gases could be reasonably anticipated to endanger public health or welfare. Responding to the Court's ruling, the U.S. EPA finalized an endangerment finding in December 2009. Based on scientific evidence it found that six GHGs (CO_2, CH_4, N_2O, HFCs, PFCs, and SF_6) constitute a threat to public health and welfare. Thus, it is the Supreme Court's interpretation of the existing FCAA and the U.S. EPA's assessment of the scientific evidence that form the basis for the U.S. EPA's regulatory actions.

Federal Vehicle Standards

In response to the U.S. Supreme Court ruling discussed above, Executive Order 13432 was issued in 2007 directing the U.S. EPA, the Department of Transportation, and the Department of Energy to establish regulations that reduce GHG emissions from motor vehicles, non-road vehicles, and non-road engines by 2008. In 2009, the NHTSA issued a final rule regulating fuel efficiency and GHG emissions from cars and light-duty trucks for model year 2011, and in 2010, the U.S. EPA and NHTSA issued a final rule regulating cars and light-duty trucks for model years 2012–2016.

In 2010, an Executive Memorandum was issued directing the Department of Transportation, Department of Energy, U.S. EPA, and NHTSA to establish additional standards regarding fuel efficiency and GHG reduction, clean fuels, and advanced vehicle infrastructure. In response to this directive, the EPA and NHTSA proposed stringent, coordinated federal GHG and fuel economy standards for model years 2017–2025 light-duty vehicles. The proposed standards projected to achieve 163 grams per mile of CO_2 in model year 2025, on an average industry fleet-wide basis, which is equivalent to 54.5 miles per gallon if this level were achieved solely through fuel efficiency.

On April 2, 2018, the Administrator signed the Mid-term Evaluation Final Determination which finds that the model year 2022-2025 GHG standards are not appropriate in light of the record before U.S. EPA and, therefore, should be revised.[1]

On September 19, 2019, under the Safer, Affordable, Fuel-Efficient (SAFE) Vehicles Rule, the U.S. Department of Transportation's National Highway Traffic Safety Administration (NHSTA) and the U.S. EPA issued the final "One National Program Rule." The rule states that federal law preempts state and local laws regarding tailpipe GHG emissions standards, zero emissions vehicle (ZEV) mandates, and fuel economy for automobiles and light duty trucks. The rule revokes California's Clean Air Act waiver and preempts California's Advanced Clean Car Regulations.[2,3]

On September 20, 2019, a lawsuit was filed by California and a coalition of 22 other states, and the cities of Los Angeles, New York and Washington, D.C., in the United States District Court for the District of Columbia (Case 1:19-cv-02826) challenging the SAFE Rule and arguing that U.S. EPA lacks the legal authority to withdraw the California waiver. In April 2021, the U.S. EPA announced it would reconsider its previous withdrawal and grant California permission to set more stringent climate requirements for cars and SUVs. On March 9, 2022, the U.S. EPA restored California's 2013 waiver to full force, including both its GHG standards and ZEV sales requirements.

In December 2021, the U.S. EPA finalized federal GHG emissions standards for passenger cars and light trucks for Model Years 2023 through 2026. These standards are the strongest vehicle emissions standards ever established for the light-duty vehicle sector and are based on sound science and grounded in a rigorous assessment of current and future technologies. The updated standards will result in avoiding more than three billion tons of GHG emissions through 2050.[4]

Presidential Executive Orders 13990 and 14008

On January 20, 2021, President Biden issued Executive Order 13990, "Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis". Executive Order 13990 directs Federal agencies to immediately review and take action to address the promulgation of Federal regulations and other actions that conflict with these important national objectives and to

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1 U.S. Environmental Protection Agency. Midterm Evaluation of Light-Duty Vehicle Greenhouse Gas Emissions Standards for Model Years 2022-2025, https://www.epa.gov/regulations-emissions-vehicles-and-engines/midterm-evaluation-light-duty-vehicle-greenhouse-gas. Accessed April 12, 2024.

2 U.S. Department of Transportation and U.S. EPA. 2019. One National Program Rule on Federal Preemption of State Fuel Economy Standards, https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P100XI4W.pdf. Accessed May 7, 2024.

3 Southern California Association of Governments. 2019. Final Federal Safer, Affordable, Fuel-Efficient Vehicles Rule Part I (Supplemental Report), http://www.scag.ca.gov/committees/CommitteeDocLibrary/EEC_Item8_RC_Item10%20Supplemental%20Report.pdf. Accessed May 7, 2024.

4 U.S. EPA, Final Rule to Revise Existing National GHG Emissions Standards for Passenger Cars and Light Trucks Through Model Year 2026, 2021, https://www.epa.gov/regulations-emissions-vehicles-and-engines/final-rule-revise-existing-national-ghg-emissions. Accessed March 18, 2024.

immediately commence work to confront the climate crisis. Executive Order 13990 directs the Council on Environmental Quality (CEQ) to review CEQ's 2020 regulations implementing the procedural requirements of the National Environmental Policy Act (NEPA) and identify necessary changes or actions to meet the objectives of Executive Order 13990.

Executive Order 13390 also directs the U.S. EPA to consider whether to propose suspending, revising, or rescinding the standards previously revised under the "The Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule for Model Years 2021-2026 Passenger Cars and Light Trucks," promulgated in April 2020.

On January 27, 2021, President Biden signed Executive Order 14008, "Tackling the Climate Crisis at Home and Abroad," to declare the Administration's policy to move quickly to build resilience, both at home and abroad, against the impacts of climate change that are already manifest and will continue to intensify according to current trajectories. In line with these Executive Order directives, CEQ is reviewing the 2020 NEPA regulations and plans to publish a notice of proposed rulemaking (NPRM) to identify necessary revisions in order to comply with the law; meet the environmental, climate change, and environmental justice objectives of Executive Orders 13990 and 14008; ensure full and fair public involvement in the NEPA process; provide regulatory certainty to stakeholders; and promote better decision making consistent with NEPA's statutory requirements. This phase 1 rulemaking will propose a narrow set of changes to the 2020 NEPA regulations to address these goals.

State

California Air Resources Board

The California Air Resources Board (CARB) is responsible for the coordination and oversight of State and local air pollution control programs in California. Various statewide and local initiatives to reduce California's contribution to GHG emissions have raised awareness about climate change and its potential for severe long-term adverse environmental, social, and economic effects. California is a significant emitter of CO_2 equivalents (CO_2e) in the world and produced 369 million gross metric tons of CO_2e in 2020.[5] In the State, the transportation sector is the largest emitter of GHGs, followed by industrial operations such as manufacturing and oil and gas extraction.

The State of California legislature has enacted a series of bills that constitute the most aggressive program to reduce GHGs of any state in the nation. Some legislation, such as the landmark Assembly Bill (AB) 32, *California Global Warming Solutions Act of 2006*, was specifically enacted to address GHG emissions. Other legislation, such as Title 24 building efficiency standards and Title 20 appliance

[5] California Air Resources Board, Current California GHG Emissions Inventory Data, 2000-2020 GHG inventory (2022 Edition), https://ww2.arb.ca.gov/ghg-inventory-data. Accessed March 18, 2024.

energy standards, were originally adopted for other purposes such as energy and water conservation, but also provide GHG reductions. This section describes the major provisions of the legislation.

Assembly Bill 32 (California Global Warming Solutions Act of 2006)

AB 32 instructs the CARB to develop and enforce regulations for the reporting and verification of statewide GHG emissions. AB 32 also directed CARB to set a GHG emissions limit based on 1990 levels, to be achieved by 2020, which would require a reduction of approximately 173 MMT net CO_2e below "business as usual" emission levels. It set a timeline for adopting a scoping plan for achieving GHG reductions in a technologically and economically feasible manner.

Climate Change Scoping Plan

The Scoping Plan is a GHG emission reduction roadmap developed and updated by the CARB at least once every five years, as required by AB 32. It lays out the transformations needed across various sectors to reduce GHG emissions and reach the State's climate targets. CARB published the Final 2022 Scoping Plan for Achieving Carbon Neutrality (2022 Scoping Plan Update) in November 2022, as the third update to the initial plan that was adopted in 2008. The initial 2008 Scoping Plan laid out a path to achieve the AB 32 target of returning to 1990 levels of GHG emissions by 2020, a reduction of approximately 15 percent below business as usual activities.[6] The 2008 Scoping Plan included a mix of incentives, regulations, and carbon pricing, laying out the portfolio approach to addressing climate change and clearly making the case for using multiple tools to meet California's GHG targets. The 2013 Scoping Plan Update (adopted in 2014) assessed progress toward achieving the 2020 target and made the case for addressing short-lived climate pollutants (SLCPs).[7] The 2017 Scoping Plan Update,[8] shifted focus to the newer Senate Bill (SB) 32 goal of a 40 percent reduction below 1990 levels by 2030 by laying out a detailed cost-effective and technologically feasible path to this target, and also assessed progress towards achieving the AB 32 goal of returning to 1990 GHG levels by 2020. The 2020 goal was ultimately reached in 2016, four years ahead of the schedule called for under AB 32.

The 2022 Scoping Plan Update is the most comprehensive and far-reaching Scoping Plan developed to date. It identifies a technologically feasible, cost-effective, and equity-focused path to achieve new targets for carbon neutrality by 2045 and to reduce anthropogenic GHG emissions to at least 85 percent below 1990 levels, while also assessing the progress California is making toward reducing its GHG emissions by at least 40 percent below 1990 levels by 2030, as called for in SB 32 and laid out in

[6] CARB, Climate Change Scoping Plan, 2008, ww2.arb.ca.gov/sites/default/files/classic/cc/scopingplan/document/adopted_scoping_plan.pdf. Accessed April 22, 2024.

[7] CARB, First Update to the Climate Change Scoping Plan, 2014, ww2.arb.ca.gov/sites/default/files/classic/cc/scopingplan/2013_update/first_update_climate_change_scoping_plan.pdf. Accessed April 22, 2024.

[8] CARB, California's 2017 Climate Change Scoping Plan, 2017, ww2.arb.ca.gov/sites/default/files/classic/cc/scopingplan/scoping_plan_2017.pdf. Accessed April 22, 2024.

the 2017 Scoping Plan. According to the Scoping Plan Update, the 2030 target is an interim but important stepping stone along the critical path to the broader goal of deep decarbonization by 2045. The relatively longer path assessed in the 2022 Scoping Plan Update incorporates, coordinates, and leverages many existing and ongoing efforts to reduce GHGs and air pollution, while identifying new clean technologies and energy. Given the focus on carbon neutrality, the 2022 Scoping Plan Update also includes discussion for the first time of the natural and working lands sectors as sources for both sequestration and carbon storage, and as sources of emissions as a result of wildfires. **Table 1: Statewide Greenhouse Gas Emission Projections** shows the GHG emissions associated with various emissions scenarios.

Table 1: Statewide Greenhouse Gas Emission Projections

Emissions Scenario as Presented in the 2022 Scoping Plan Update	GHG Emissions ($MMTCO_2e$ per year)
2019	
2019 State GHG Emissions	404
2030	
2030 BAU Forecast	312
2030 GHG Emissions without Carbon Removal and Capture	233
2030 GHG Emissions with Carbon Removal and Capture	226
2030 Emissions Target Set by AB 32 (i.e., 1990 level by 2030)	260
Reduction below Business-As-Usual necessary to achieve 1990 levels by 2030	52 (16.7%)[1]
2045	
2045 BAU Forecast	266
2045 GHG Emissions without Carbon Removal and Capture	72
2045 GHG Emissions with Carbon Removal and Capture	(3)

$MMTCO_2e$ = million metric tons of carbon dioxide equivalents; parenthetical numbers represent negative values.
1. (312 – 260) / 312 = 16.7%
Source: CARB, Final 2022 Climate Change Scoping Plan, November 2022.

The 2022 Scoping Plan Update reflects existing and recent direction in the Governor's Executive Orders and State Statutes, which identify policies, strategies, and regulations in support of and implementation of the Scoping Plan. Among these include Executive Order B-55-18 and AB 1279 (The California Climate Crisis Act), which identify the 2045 carbon neutrality and GHG reduction targets required for the Scoping Plan.

Table 2: Major Climate Legislation and Executive Orders Enacted Since the 2017 Scoping Plan provides a summary of major climate legislation and executive orders issued since the adoption of the 2017 Scoping Plan.

Table 2: Major Climate Legislation and Executive Orders Enacted Since the 2017 Scoping Plan	
Bill/Executive Order	**Summary**
Assembly Bill 1279 (AB 1279) (Muratsuchi, Chapter 337, Statutes of 2022) *The California Climate Crisis Act*	AB 1279 establishes the policy of the state to achieve carbon neutrality as soon as possible, but no later than 2045; to maintain net negative GHG emissions thereafter; and to ensure that by 2045 statewide anthropogenic GHG emissions are reduced at least 85 percent below 1990 levels. The bill requires CARB to ensure that the Scoping Plan updates identify and recommend measures to achieve carbon neutrality, and to identify and implement policies and strategies that enable CO_2 removal solutions and carbon capture, utilization, and storage (CCUS) technologies. This bill is reflected directly in the 2022 Scoping Plan Update.
Senate Bill 905 (SB 905) (Caballero, Chapter 359, Statutes of 2022) *Carbon Capture, Removal, Utilization, and Storage Program*	SB 905 requires CARB to create the Carbon Capture, Removal, Utilization, and Storage Program to evaluate, demonstrate, and regulate CCUS and carbon dioxide removal (CDR) projects and technology. The bill requires CARB, on or before January 1, 2025, to adopt regulations creating a unified state permitting application for approval of CCUS and CDR projects. The bill also requires the Secretary of the Natural Resources Agency to publish a framework for governing agreements for two or more tracts of land overlying the same geologic storage reservoir for the purposes of a carbon sequestration project. The 2022 Scoping Plan Update modeling reflects both CCUS and CDR contributions to achieve carbon neutrality.
Senate Bill 846 (SB 846) (Dodd, Chapter 239, Statutes of 2022) *Diablo Canyon Powerplant: Extension of Operations*	SB 846 extends the Diablo Canyon Power Plant's sunset date by up to five additional years for each of its two units and seeks to make the nuclear power plant eligible for federal loans. The bill requires that the California Public Utilities Commission (CPUC) not include and disallow a load-serving entity from including in their adopted resource plan, the energy, capacity, or any attribute from the Diablo Canyon power plant. The 2022 Scoping Plan Update explains the emissions impact of this legislation.
Senate Bill 1020 (SB 1020) (Laird, Chapter 361, Statutes of 2022) *Clean Energy, Jobs, and Affordability Act of 2022*	SB 1020 adds interim renewable energy and zero carbon energy retail sales of electricity targets to California end-use customers set at 90 percent in 2035 and 95 percent in 2040. It accelerates the timeline required to have 100 percent renewable energy and zero carbon energy procured to serve state agencies from the original target year of 2045 to 2035. This bill requires each state agency to individually achieve the 100 percent goal by 2035 with specified

Table 2: Major Climate Legislation and Executive Orders Enacted Since the 2017 Scoping Plan	
Bill/Executive Order	**Summary**
	requirements. This bill requires the CPUC, California Energy Commission (CEC), and CARB, on or before December 1, 2023, and annually thereafter, to issue a joint reliability progress report that reviews system and local reliability. The bill also modifies the requirement for CARB to hold a portion of its Scoping Plan workshops in regions of the state with the most significant exposure to air pollutants by further specifying that this includes communities with minority populations or low-income communities in areas designated as being in extreme federal non-attainment. The 2022 Scoping Plan Update describes the implications of this legislation on emissions.
Senate Bill 1137 (SB 1137) (Gonzales, Chapter 365, Statutes of 2022) *Oil & Gas Operations: Location Restrictions: Notice of Intention: Health protection zone: Sensitive receptors*	SB 1137 prohibits the development of new oil and gas wells or infrastructure in health protection zones, as defined, except for purposes of public health and safety or other limited exceptions. The bill requires operators of existing oil and gas wells or infrastructure within health protection zones to undertake specified monitoring, public notice, and nuisance requirements. The bill requires CARB to consult and concur with the California Geologic Energy Management Division (CalGEM) on leak detection and repair plans for these facilities, adopt regulations as necessary to implement emission detection system standards, and collaborate with CalGEM on public access to emissions detection data.
Senate Bill 1075 (SB 1075) (Skinner, Chapter 363, Statutes of 2022) *Hydrogen: Green Hydrogen: Emissions of Greenhouse Gases*	SB 1075 requires CARB, by June 1, 2024, to prepare an evaluation that includes: policy recommendations regarding the use of hydrogen, and specifically the use of green hydrogen, in California; a description of strategies supporting hydrogen infrastructure, including identifying policies that promote the reduction of GHGs and short-lived climate pollutants; a description of other forms of hydrogen to achieve emission reductions; an analysis of curtailed electricity; an estimate of GHG and emission reductions that could be achieved through deployment of green hydrogen through a variety of scenarios; an analysis of the potential for opportunities to integrate hydrogen production and applications with drinking water supply treatment needs; policy recommendations for regulatory and permitting processes associated with transmitting and distributing hydrogen from production sites to end uses; an analysis of the life-cycle GHG emissions from various forms of hydrogen production; and an analysis of air pollution and other environmental impacts from hydrogen distribution and end uses.

Table 2: Major Climate Legislation and Executive Orders Enacted Since the 2017 Scoping Plan	
Bill/Executive Order	**Summary**
	This bill informs the production of hydrogen at the scale called for in the 2022 Scoping Plan Update.
Assembly Bill 1757 (AB 1757) (Garcia, Chapter 341, Statutes of 2022) *California Global Warming Solutions Act of 2006: Climate Goal: Natural and Working Lands*	AB 1757 requires the California Natural Resources Agency (CNRA), in collaboration with CARB, other state agencies, and an expert advisory committee, to determine a range of targets for natural carbon sequestration, and for nature-based climate solutions, that reduce GHG emissions in 2030, 2038, and 2045 by January 1, 2024. These targets must support state goals to achieve carbon neutrality and foster climate adaptation and resilience. This bill also requires CARB to develop standard methods for state agencies to consistently track GHG emissions and reductions, carbon sequestration, and additional benefits from natural and working lands over time. These methods will account for GHG emissions reductions of CO2, methane, and nitrous oxide related to natural and working lands and the potential impacts of climate change on the ability to reduce GHG emissions and sequester carbon from natural and working lands, where feasible. This 2022 Scoping Plan Update describes the next steps and implications of this legislation for the natural and working lands sector.
Senate Bill 1206 (SB 1206) (Skinner, Chapter 884, Statutes of 2022) *Hydrofluorocarbon gases: sale or distribution*	SB 1206 mandates a stepped sales prohibition on newly produced high- global warming potential (GWP) HFCs to transition California's economy toward recycled and reclaimed HFCs for servicing existing HFC-based equipment. Additionally, SB 1206 also requires CARB to develop regulations to increase the adoption of very low-, i.e., GWP < 10, and no-GWP technologies in sectors that currently rely on higher-GWP HFCs.
Senate Bill 27 (SB 27) (Skinner, Chapter 237, Statutes of 2021) *Carbon Sequestration: State Goals: Natural and Working Lands: Registry of Projects*	SB 27 requires CNRA, in coordination with other state agencies, to establish the Natural and Working Lands Climate Smart Strategy by July 1, 2023. This bill also requires CARB to establish specified CO2 removal targets for 2030 and beyond as part of its Scoping Plan. Under SB 27, CNRA is to establish and maintain a registry to identify projects in the state that drive climate action on natural and working lands and are seeking funding. CNRA also must track carbon removal and GHG emission reduction benefits derived from projects funded through the registry. This bill is reflected directly in the 2022 Scoping Plan Update as CO_2 removal targets for 2030 and 2045 in support of carbon neutrality.

Table 2: Major Climate Legislation and Executive Orders Enacted Since the 2017 Scoping Plan	
Bill/Executive Order	**Summary**
Executive Order N-82-20	Governor Newsom signed Executive Order N-82-20 in October 2020 to combat the climate and biodiversity crises by setting a statewide goal to conserve at least 30 percent of California's land and coastal waters by 2030. The Executive Order also instructed the CNRA, in consultation with other state agencies, to develop a Natural and Working Lands Climate Smart Strategy that serves as a framework to advance the state's carbon neutrality goal and build climate resilience. In addition to setting a statewide conservation goal, the Executive Order directed CARB to update the target for natural and working lands in support of carbon neutrality as part of this Scoping Plan, and to take into consideration the NWL Climate Smart Strategy. CO2 Executive Order N-82-20 also calls on the CNRA, in consultation with other state agencies, to establish the California Biodiversity Collaborative (Collaborative). The Collaborative shall be made up of governmental partners, California Native American tribes, experts, business and community leaders, and other stakeholders from across the state. State agencies will consult the Collaborative on efforts to: • Establish a baseline assessment of California's biodiversity that builds upon existing data and can be updated over time. • Analyze and project the impact of climate change and other stressors in California's biodiversity. • Inventory current biodiversity efforts across all sectors and highlight opportunities for additional action to preserve and enhance biodiversity. CNRA also is tasked with advancing efforts to conserve biodiversity through various actions, such as streamlining the state's process to approve and facilitate projects related to environmental restoration and land management. The California Department of Food and Agriculture (CDFA) is directed to advance efforts to conserve biodiversity through measures such as reinvigorating populations of pollinator insects, which restore biodiversity and improve agricultural production. The Natural and Working Lands Climate Smart Strategy informs the 2022 Scoping Plan Update.
Executive Order N-79-20	Governor Newsom signed Executive Order N-79-20 in September 2020 to establish targets for the transportation sector to support the state in its goal to achieve carbon neutrality by 2045. The targets established in this Executive Order are:

Table 2: Major Climate Legislation and Executive Orders Enacted Since the 2017 Scoping Plan	
Bill/Executive Order	**Summary**
	• 100 percent of in-state sales of new passenger cars and trucks will be zero-emission by 2035. • 100 percent of medium- and heavy-duty vehicles will be zero-emission by 2045 for all operations where feasible, and by 2035 for drayage trucks. • 100 percent of off-road vehicles and equipment will be zero-emission by 2035 where feasible. The Executive Order also tasked CARB to develop and propose regulations that require increasing volumes of zero- electric passenger vehicles, medium- and heavy-duty vehicles, drayage trucks, and off-road vehicles toward their corresponding targets of 100 percent zero-emission by 2035 or 2045, as listed above. The 2022 Scoping Plan Update modeling reflects achieving these targets.
Executive Order N-19-19	Governor Newsom signed Executive Order N-19-19 in September 2019 to direct state government to redouble its efforts to reduce GHG emissions and mitigate the impacts of climate change while building a sustainable, inclusive economy. This Executive Order instructs the Department of Finance to create a Climate Investment Framework that: • Includes a proactive strategy for the state's pension funds that reflects the increased risks to the economy and physical environment due to climate change. • Provides a timeline and criteria to shift investments to companies and industry sectors with greater growth potential based on their focus of reducing carbon emissions and adapting to the impacts of climate change. • Aligns with the fiduciary responsibilities of the California Public Employees' Retirement System, California State Teachers' Retirement System, and the University of California Retirement Program. Executive Order N-19-19 directs the State Transportation Agency to leverage more than $5 billion in annual state transportation spending to help reverse the trend of increased fuel consumption and reduce GHG emissions associated with the transportation sector. It also calls on the Department of General Services to leverage its management and ownership of the state's 19 million square feet in managed buildings, 51,000 vehicles, and other physical assets and goods to minimize state government's carbon footprint. Finally, it tasks CARB

Table 2: Major Climate Legislation and Executive Orders Enacted Since the 2017 Scoping Plan	
Bill/Executive Order	**Summary**
	with accelerating progress toward California's goal of five million ZEV sales by 2030 by: • Developing new criteria for clean vehicle incentive programs to encourage manufacturers to produce clean, affordable cars. • Proposing new strategies to increase demand in the primary and secondary markets for ZEVs. • Considering strengthening existing regulations or adopting new ones to achieve the necessary GHG reductions from within the transportation sector. The 2022 Scoping Plan Update modeling reflects efforts to accelerate ZEV deployment.
Assembly Bill 65 (AB 65) (Petrie-Norris, Chapter 347, Statutes of 2019) *Coastal Protection: Climate Adaption: Project Prioritization: Natural Infrastructure: Local General Plans*	This bill requires the State Coastal Conservancy, when it allocates any funding appropriated pursuant to the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018, to prioritize projects that use natural infrastructure in coastal communities to help adapt to climate change. The bill requires the conservancy to provide information to the Office of Planning and Research on any projects funded pursuant to the above provision to be considered for inclusion into the clearinghouse for climate adaptation information. The bill authorizes the conservancy to provide technical assistance to coastal communities to better assist them with their projects that use natural infrastructure.
Executive Order B-55-18	Governor Brown signed Executive Order B-55-18 in September 2018 to establish a statewide goal to achieve carbon neutrality as soon as possible, and no later than 2045, and to achieve and maintain net negative emissions thereafter. Policies and programs undertaken to achieve this goal shall: • Seek to improve air quality and support the health and economic resiliency of urban and rural communities, particularly low-income and disadvantaged communities. • Be implemented in a manner that supports climate adaptation and biodiversity, including protection of the state's water supply, water quality, and native plants and animals. This Executive Order also calls for CARB to: • Develop a framework for implementation and accounting that tracks progress toward this goal.

Table 2: Major Climate Legislation and Executive Orders Enacted Since the 2017 Scoping Plan	
Bill/Executive Order	**Summary**
	• Ensure future Scoping Plans identify and recommend measures to achieve the carbon neutrality goal. The 2022 Scoping Plan Update is designed to achieve carbon neutrality no later than 2045 and the modeling includes technology and fuel transitions to achieve that outcome.
Senate Bill 100 (SB 100) (De León, Chapter 312, Statutes of 2018) *California Renewables Portfolio Standard Program: emissions of greenhouse gases*	Under SB 100, the CPUC, CEC, and CARB shall use programs under existing laws to achieve 100 percent clean electricity. The statute requires these agencies to issue a joint policy report on SB 100 every four years. The first of these reports was issued in 2021. The 2022 Scoping Plan Update reflects the SB 100 Core Scenario resource mix with a few minor updates.
Assembly Bill 2127 (AB 2127) (Ting, Chapter 365, Statutes of 2018) *Electric Vehicle Charging Infrastructure: Assessment*	This bill requires the CEC, working with CARB and the CPUC, to prepare and biennially update a statewide assessment of the electric vehicle charging infrastructure needed to support the levels of electric vehicle adoption required for the state to meet its goals of putting at least 5 million zero-emission vehicles on California roads by 2030 and of reducing emissions of GHGs to 40 percent below 1990 levels by 2030. The bill requires the CEC to regularly seek data and input from stakeholders relating to electric vehicle charging infrastructure. This bill supports the deployment of ZEVs as modeled in the 2022 Scoping Plan Update.
Senate Bill 30 (SB 30) (Lara, Chapter 614, Statutes of 2018) *Insurance: Climate Change*	This bill requires the Insurance Commissioner to convene a working group to identify, assess, and recommend risk transfer market mechanisms that, among other things, promote investment in natural infrastructure to reduce the risks of climate change related to catastrophic events, create incentives for investment in natural infrastructure to reduce risks to communities, and provide mitigation incentives for private investment in natural lands to lessen exposure and reduce climate risks to public safety, property, utilities, and infrastructure. The bill requires the policies recommended to address specified questions.

Table 2: Major Climate Legislation and Executive Orders Enacted Since the 2017 Scoping Plan	
Bill/Executive Order	**Summary**
Assembly Bill 2061 (AB 2061) (Frazier, Chapter 580, Statutes of 2018) *Near-zero-emission and Zero-emission Vehicles*	Existing state and federal laws set specified limits on the total gross weight imposed on the highway by a vehicle with any group of two or more consecutive axles. Under existing federal law, the maximum gross vehicle weight of that vehicle may not exceed 82,000 pounds. AB 2061 authorizes a near-zero- emission vehicle or a zero-emission vehicle to exceed the weight limits on the power unit by up to 2,000 pounds. This bill supports the deployment of cleaner trucks as modeled in this 2022 Scoping Plan Update.

The 2022 Scoping Plan Update scenario identifies the need to accelerate AB 32's 2030 target, from 40 percent to 48 percent below 1990 levels. Cap-and-Trade regulation continues to play a large factor in the reduction of near-term emissions for meeting the 2030 reduction target. Every sector of the economy will need to begin to transition in this decade to meet these GHG reduction goals and achieve carbon neutrality no later than 2045. The 2022 Scoping Plan Update approaches decarbonization from two perspectives, managing a phasedown of existing energy sources and technologies, as well as increasing, developing, and deploying alternative clean energy sources and technology. The Scoping Plan Scenario is summarized in Table 2-1 starting on page 72 of the Scoping Plan. It includes references to relevant statutes and Executive Orders, although it is not comprehensive of all existing new authorities for directing or supporting the actions described. Table 2-1 identifies actions related to a variety of sectors such as: smart growth and reductions in Vehicle Miles Traveled (VMT); light-duty vehicles (LDV) and zero-emission vehicles (ZEV); truck ZEVs; reduce fossil energy, emissions, and GHGs for aviation ocean-going vessels, port operations, freight and passenger rail, oil and gas extraction; and petroleum refining; improvements in electricity generation; electrical appliances in new and existing residential and commercial buildings; electrification and emission reductions across industries such as the for food products, construction equipment, chemicals and allied products, pulp and paper, stone/clay/glass/cement, other industrial manufacturing, and agriculture; retiring of combined heat and power facilities; low carbon fuels for transportation, business, and industry; improvements in non-combustion methane emissions, and introduction of low GWP refrigerants.

Achieving the targets described in the 2022 Scoping Plan Update will require continued commitment to and successful implementation of existing policies and programs, and identification of new policy tools and technical solutions to go further, faster. California's Legislature and state agencies will continue to collaborate to achieve the state's climate, clean air, equity, and broader economic and environmental protection goals. It will be necessary to maintain and strengthen this collaborative

effort, and to draw upon the assistance of the federal government, regional and local governments, tribes, communities, academic institutions, and the private sector to achieve the state's near-term and longer-term emission reduction goals and a more equitable future for all Californians. The Scoping Plan acknowledges that the path forward is not dependent on one agency, one state, or even one country. However, the State can lead by engaging Californians and demonstrating how actions at the state, regional, and local levels of governments, as well as action at community and individual levels, can contribute to addressing the challenge.

Aligning local jurisdiction action with state-level priorities to tackle climate change and the outcomes called for in the 2022 Scoping Plan Update is identified as critical to achieving the statutory targets for 2030 and 2045. The 2022 Scoping Plan Update discusses the role of local governments in meeting the State's GHG reductions goals. Local governments have the primary authority to plan, zone, approve, and permit how and where land is developed to accommodate population growth, economic growth, and the changing needs of their jurisdictions. They also make critical decisions on how and when to deploy transportation infrastructure, and can choose to support transit, walking, bicycling, and neighborhoods that do not force people into cars. Local governments also have the option to adopt building ordinances that exceed statewide building code requirements and play a critical role in facilitating the rollout of ZEV infrastructure. As a result, local government decisions play a critical role in supporting state-level measures to contain the growth of GHG emissions associated with the transportation system and the built environment—the two largest GHG emissions sectors over which local governments have authority. The City has taken the initiative in combating climate change by developing programs and regulations such as the Green New Deal and Green Building Code. Each of these is discussed further below.

California Regulations and Building Codes

California has a long history of adopting regulations to improve energy efficiency in new and remodeled buildings. These regulations have kept California's energy consumption relatively flat even with rapid population growth.

Title 20 Appliance Efficiency Regulations. The appliance efficiency regulations (California Code of Regulations [CCR] Title 20, Sections 1601-1608) include standards for new appliances. Twenty-three categories of appliances are included in the scope of these regulations. These standards include minimum levels of operating efficiency, and other cost-effective measures, to promote the use of energy- and water-efficient appliances.

Title 24 Building Energy Efficiency Standards. California's Energy Efficiency Standards for Residential and Nonresidential Buildings (CCR Title 24, Part 6) was first adopted in 1978 in response to a legislative mandate to reduce California's energy consumption. The standards are updated periodically to allow consideration and possible incorporation of new energy efficient technologies and methods. Energy

efficient buildings require less electricity; therefore, increased energy efficiency reduces fossil fuel consumption and decreases GHG emissions. The 2016 Building Energy Efficiency Standards approved on January 19, 2016, went into effect on January 1, 2017. The 2019 Building Energy Efficiency Standards were adopted on May 9, 2018, and went into effect on January 1, 2020. Under the 2019 standards, homes will use about 53 percent less energy and nonresidential buildings will use about 30 percent less energy than buildings under the 2016 standards.

On August 11, 2021, the CEC adopted the 2022 Building Energy Efficiency Standards (2022 Energy Code). In December, it was approved by the California Building Standards Commission for inclusion into the California Building Standards Code. The 2022 Energy Code encourages efficient electric heat pumps, establishes electric-ready requirements for new homes, expands solar photovoltaic and battery storage standards, strengthens ventilation standards, and more. Buildings whose permit applications are applied for on or after January 1, 2023, must comply with the 2022 Energy Code.[9]

Title 24 California Green Building Standards Code. The California Green Building Standards Code (CCR Title 24, Part 11 code) commonly referred to as the CALGreen Code, is a statewide mandatory construction code developed and adopted by the California Building Standards Commission and the Department of Housing and Community Development. The CALGreen standards require new residential and commercial buildings to comply with mandatory measures under the topics of planning and design, energy efficiency, water efficiency/conservation, material conservation and resource efficiency, and environmental quality. CALGreen also provides voluntary tiers and measures that local governments may adopt that encourage or require additional measures in the five green building topics. The most recent update to the CALGreen Code went into effect January 1, 2023 (2022 CALGreen). The 2022 CALGreen standards continue to improve upon the existing standards for new construction of, and additions and alterations to, residential and nonresidential buildings.

Regional

South Coast Air Quality Management District Thresholds

The SCAQMD is the air pollution control agency for Orange County and the urban portions of Los Angeles, Riverside, and San Bernardino Counties. The agency's primary responsibility is ensuring that California Ambient Air Quality Standards (CAAQS) and National Ambient Air Quality Standards (NAAQS) are attained and maintained in the South Coast Air Basin. The SCAQMD is also responsible for adopting and enforcing rules and regulations concerning air pollutant sources, issuing permits for stationary sources of air pollutants, inspecting stationary sources of air pollutants, responding to citizen complaints, monitoring ambient air quality and meteorological conditions, awarding grants to

[9] California Energy Commission, 2022 Building Energy Efficiency Standards, https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2022-building-energy-efficiency. Accessed March 9, 2024.

reduce motor vehicle emissions, conducting public education campaigns, and many other activities. All projects are subject to applicable SCAQMD rules and regulations in effect at the time of construction and operation. The following is the SCAQMD rule relevant to GHG:

- **Rule 1415 (Reduction of Refrigerant Emissions from Stationary Air Conditioning Systems)** – The purpose of this rule is to reduce emissions of high-global warming potential refrigerants from stationary air conditioning systems by requiring projects to reclaim, recover, or recycle refrigerant and minimize leakage.

Southern California Association of Governments

On September 3, 2020, SCAG's Regional Council adopted Connect SoCal (2020 - 2045 Regional Transportation Plan/Sustainable Communities Strategy [2020 RTP/SCS]). The RTP/SCS charts a course for closely integrating land use and transportation so that the region can grow smartly and sustainably. The strategy was prepared through a collaborative, continuous, and comprehensive process with input from local governments, county transportation commissions, tribal governments, non-profit organizations, businesses, and local stakeholders within the counties of Imperial, Los Angeles, Orange, Riverside, San Bernardino, and Ventura. The RTP/SCS is a long-range vision plan that balances future mobility and housing needs with economic, environmental, and public health goals. The SCAG region strives toward sustainability through integrated land use and transportation planning. The SCAG region must achieve specific federal air quality standards and is required by state law to lower regional GHG emissions.

Local

City of Monterey Park General Plan

The City is responsible for the assessment and mitigation of air emissions resulting from its land use decisions. The City's General Plan includes a Sustainable Community Element, adopted in 2014, that contains the following policies specific to greenhouse gas emissions applicable to the Project:

Sustainability Community Element

Goal 9: Greenhouse gas emissions from energy production are minimized through reduced energy demand and expanded use of renewable energy sources.

Policy 9.1 Increased Energy Efficiency: Ensure high energy efficiency for all buildings through demonstration, education, and incentives.

Policy 9.3 Solar-Ready Roofs: For new construction and renovations, encourage builders to provide roofs that are solar panel-ready particularly commercial roofs.

City of Monterey Park Climate Action Plan (CAP)

The City's qualified Climate Action Plan (CAP), approved in 2012, provides the City's road map to reducing community GHG emissions associated with existing and future actions and activities. The CAP was adopted by the City Council on October 3, 2012. The CAP included baseline emissions inventory and projection of future emissions; establishing a community-wide reduction target for 2020 and 2035; identify strategies, actions, and measures to meet reduction targets; evaluate CEQA impacts of the proposed strategies; and monitor effectiveness of reduction measures and the CAP to changing conditions. The CAP establishes a policy to reduce the City's GHG emissions by 15 percent below baseline 2009 levels by 2020, and sets an aspirational goal of achieving GHG emissions 49 percent below baseline 2009 levels by 2035. The CAP does not include quantitative project-level CEQA thresholds or percentage reduction targets for individual projects.

The CAP includes numerous GHG reduction measures, split into five categories: Energy, Land Use, Transportation, Water, and State and Federal. The State and Federal measures would account for 67.9 percent reduction in GHG emissions. The remaining four categories are considered City measures. The complete list of GHG reduction measures is shared in Threshold (b) below. Generally, the purpose of the CAP is to establish measures capable of reducing GHG and promoting economic growth based on clean technology and sustainable practices.

5.0 Significance Criteria and Methodology

5.1 Thresholds of Significance Criteria

Addressing GHG emissions generation impacts requires an agency to determine what constitutes a significant impact. The CEQA Guidelines allow lead agencies to determine the thresholds of significance based to the extent possible on scientific and factual data that illustrate the extent of an impact. This means that each agency may determine whether to: (1) quantify greenhouse gas emissions resulting from a project; and/or (2) rely on a qualitative analysis or performance-based standard. CEQA Guidelines Section 15064.4(a) directs that agencies are to use "careful judgment" and "make a good-faith effort, based to the extent possible on scientific and factual data, to describe, calculate or estimate" the Project's GHG emissions.

Appendix G of the CEQA Guidelines sets forth two general thresholds that state whether the project would:

1. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment.
2. Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases.

As discussed above, no applicable numeric significance threshold for GHG emissions has been adopted by the State, SCAQMD, or the City that applies to the proposed Project. Further, although State, regional, and local plans and policies have been adopted to help address climate change (see discussions above), no current law or regulation would regulate all aspects of the Project's GHG emissions. In the absence of any adopted numeric threshold, the City has determined that the significance of the Project's GHG emissions as provided in CEQA Guidelines Section 15064.4(b)(2) will be assessed by determining whether the Project is consistent with applicable plans, policies, regulations adopted for the purpose of reducing the emissions of greenhouse gases.

Therefore, under this analysis, a significant impact would occur if the Project would conflict with applicable regulatory plans and policies of the lead agency (i.e., the City of Monterey Park) to reduce GHG emissions discussed within the City's CAP. The analysis below describes the extent to which the Project complies with the regulations outlined in the CAP.

Notwithstanding the above, for informational purposes, the analysis also calculates the amount of GHG emissions that would be attributable to the Project using air quality models. The primary purpose of quantifying the Project GHG emissions is to satisfy CEQA Guidelines Section 15064.4(a), which calls for a good-faith effort to describe and calculate emissions. The estimated emissions inventory is also used to determine if there would be a reduction in the Project's incremental contribution of GHG emissions as a result of compliance with regulations and requirements adopted to implement plans for the reduction or mitigation of GHG emissions. However, the significance of the Project's GHG emissions impacts is not based on the amount of GHG emissions resulting from the Project.

5.2 Methodology

The Project's construction and operational emissions were calculated using the California Emissions Estimator Model version 2022.1.1.21 (CalEEMod). Details of the modeling assumptions and emission factors are provided in **Attachment A: Greenhouse Gas Emissions Data**. For construction, CalEEMod calculates emissions from off-road equipment usage and on-road vehicle travel associated with haul, delivery, and construction worker trips. GHG emissions during construction were forecasted based on the proposed construction schedule and applying the mobile-source and fugitive dust emissions factors derived from CalEEMod. The Project's construction-related GHG emissions would be generated from off-road construction equipment, on-road hauling and vendor (material delivery) trucks, and worker vehicles. The Project's operational-related GHG emissions would be generated by vehicular traffic, area sources (e.g., landscaping maintenance and consumer products), electrical generation demand, natural gas consumption, water supply and wastewater treatment, solid waste, water usage, and energy usage.

6.0 Impact Analysis

Threshold (a) Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Threshold (b) Would the project conflict with an applicable plan, policy, or regulation of an agency adopted for the purpose of reducing greenhouse gas emissions?

Consistency with Applicable Plans and Policies

The Project would replace an older building that occupies the site currently and would be subject to compliance with all building codes in effect at the time of construction, which would include energy conservation measures mandated by Title 24 of the California Building Standards Code – Energy Efficiency Standards. Because Title 24 standards require energy conservation features in new construction (e.g., high- efficiency lighting, high-efficiency heating, ventilating, and air-conditioning [HVAC] systems, thermal insulation, double-glazed windows, water conserving plumbing fixtures), they indirectly regulate and reduce GHG emissions. California's Building Energy Efficiency Standards are updated on an approximately three-year cycle. The most recent 2019 standards went into effect January 1, 2020. The 2022 Energy Code and associated Title 24 standards went into effect January 1, 2023.

Consistency with the City of Monterey Park Climate Action Plan

In 2012, the City adopted the CAP which sets forth a comprehensive strategy to address GHG emissions related to land use patterns, transportation, building design, energy use, water demand, and waste generation. The Project's consistency with the CAP is analyzed in **Table 3: City of Monterey Park Climate Action Plan Measures Consistency**.

Table 3: City of Monterey Park Climate Action Plan Consistency

Measure	Description	Consistency
Building Efficiency		
E1. Efficiency Requirements for New Developments	The City, in coordination with the California Building Standards Commission and the California Energy Commission, will adopt energy efficiency regulations for new construction projects that comply with the 2008 California Green Building Code Tier 1 energy efficiency standards. The Tier 1 energy efficiency standards require a building's energy performance to exceed Title 24 standards by 15 percent for both	**Consistent**: The proposed Project would comply with California Green Building Standards Code (CCR Title 24, Part 11 Code) (CALGreen) which requires new residential and nonresidential buildings to comply with mandatory measures including energy efficiency, water efficiency/conservation, material conservation and resource efficiency, and environmental quality. The Project would be required to comply with the provisions of the CALGreen standards. In addition,

Table 3: City of Monterey Park Climate Action Plan Consistency		
Measure	**Description**	**Consistency**
	residential and nonresidential development.	the Project would have three EV charging spaces.
E2. Building Retrofits	31 percent of total GHG emissions in the City are a result of energy used for commercial and residential buildings. Since the vast majority of buildings in the City were built before 2002, there is tremendous potential to increase the overall energy efficiency of buildings in the City with a range of energy efficiency upgrades.	**N/A**: This is not applicable to the Project. The Project would demolish and remove the existing improvements and construct a new data center. As building standards and efficiency has improved since the construction of the original building the replacement structure would be more energy efficient.
E3. Appliance Upgrade	The City will partner with SCE, the SoCal Gas, and the Metropolitan Water District to provide to increase awareness about rebate and incentive programs, the efficiencies that may be gained from Energy-Star-rated appliances, and the cost savings associated with Energy Star appliances.	**Consistent:** The Project would utilize energy efficient appliances and comply with the latest Title 24 energy efficiency requirements. In addition, the Project would not include natural gas.
E4. Smart Meters	Emerging energy management systems or Smart Meters are currently being stalled by SCE as a means to improve how electricity consumption is managed. These Smart Meters will eventually provide utility customers with access to detailed and instantaneous energy use and cost information, new pricing programs based on peak-energy demand, and the ability to program home appliances and devices to respond to cost, comfort, and convenience.	**Consistent:** The Project's utility provider (SCE) would install smart meters upon development.
Increase Renewable Energy Generation		
R1. Solar Water Heating	Solar hot water systems are a simple, reliable, and cost-effective method for harnessing the sun's energy to provide hot water. Solar collectors, usually placed on the roof, absorb the sun's energy to heat water that is stored in a water tank. Although solar water	**N/A:** The Project plumbing is not designed to include a hot water system that requires water to be stored in a water tank. Thus, this measure is not applicable. In any case, the Project would include rooftop design that is photovoltaic-system ready, which would allow solar energy to be distributed

Table 3: City of Monterey Park Climate Action Plan Consistency		
Measure	**Description**	**Consistency**
	heater upgrades require an up-front investment from the resident or business owner, there is a range of financing and rebate options available to offset these initial costs.	to project demand. See additional analysis under Measure R2.
R2. Solar Photovoltaic Systems	Solar photovoltaic (PV) systems generate electrical power by converting solar radiation into direct-current electricity using semiconductors. PV systems can be retrofitted into existing buildings, usually by mounting them onto an existing roof structure or walls. The City will promote PV installations to provide 5 percent of residential electricity and 2 percent of commercial electricity energy use from solar PV generation by 2020.	**Consistent:** The Project would construct new buildings on the Project Site that could accommodate limited solar photovoltaic systems on the roof to offset overall energy demand. Due to rooftop mechanical equipment, and related screening elements to comply with code, the solar PV systems cannot not occupy the entire roof area. Approximately 45,000 square feet could accommodate future photovoltaic installation, which could result in a maximum output between 750 to 900 kilowatts of energy. Nonetheless, the Project would include rooftop building design that is compatible with a solar photovoltaic system on a portion of the roofed areas.
Land Use		
LU1. Mixed Use Development	Increasing the availability, effectiveness, and use of transit could result in a 0.5 percent reduction in overall vehicle miles travelled (VMT) in the City by 2020. To meet the VMT reduction target, the City will create additional incentives to build and actively facilitate new mixed-use development near existing and planned transit corridors.	**N/A:** This is a municipal measure and not Project specific. This measure is intended to encourage and incentivize mixed-use development, which is not applicable to the Project. It should be noted that the land use policies in the CAP encourage infill and redevelopment, which is relevant to, and consistent with, the Project as it redevelops and existing infill site instead of developing undeveloped land.
LU2. Service Nodes	Through changes proposed under the new Zoning Ordinance, the City will provide more opportunities for walking, biking, and short-distance vehicular trips by promoting service nodes, which are employment centers with eating establishments, coffee	**N/A:** This is a municipal measure and not Project specific. Therefore, this measure is not applicable. It should be noted that the land use policies in the CAP encourage infill and redevelopment, which is relevant to, and consistent with, the Project as it redevelops and existing infill site instead of developing undeveloped land. It should

Table 3: City of Monterey Park Climate Action Plan Consistency		
Measure	**Description**	**Consistency**
	shops, day care, dry cleaners, and other services in proximity.	also be noted that the site is in a voter-enacted zone, thus the City amendments to the zoning ordinance are inapplicable here unless voter-enacted.
Transportation		
T1.1 Increase Transit Use: Lower Cost of Riding Transit	The City currently provides discounts to older adults on the purchase of transit passes, which are accepted locally and by regional transit providers. Pending funding availability, the City will expand the program to provide discounts to resident groups, such as students, or increase the subsidy in order to further promote transit use.	**Consistent:** This is a municipal measure and not specifically applicable to the Project. However, T1 encourages the City to expand transit programs to provide discounted transit passes to certain groups. These transit passes and programs would likely be available to employees of the Project who qualify for the City programs, and choose to ride transit to work, and hence the Project is consistent with implementation of this policy.
T1.2 Increase Transit Use: Promote Use of Transit Network	Promoting the availability of local and regional transit options is necessary to increase awareness and ridership. Therefore, the City will develop marketing or outreach programs to promote the use of the Spirit Bus and other transit options. The potential for VMT reduction with implementation of this action is 1% by 2020.	**N/A:** This is a municipal measure and not specifically applicable to the Project. Therefore, this measure is not applicable. It should be noted that the Project is a low VMT generator and would be compatible with any program the City develops to increase awareness of regional transit options, which the employees of the Project may use.
T2.1 Increase Walking and Biking: Expand Pedestrian Network and Increase Bicycle Parking.	The City will focus on implementation of traffic-calming projects and other necessary pedestrian amenities and safety improvements to enable walking as an attractive travel mode. The City will also identify opportunities to install bicycle parking in public areas and work with local employers to facilitate the expansion or provision of end-of-trip facilities.	**Consistent**: This is a municipal measure and not specifically applicable to the Project. However, the Project is consistent with this policy because it does would improve the pedestrian realm by improving the frontages surrounding the Project Site.
T2.2 Increase Walking and Biking Provide End-Of-Trip Facilities	The City will work with local employers to facilitate the expansion or provision of these facilities. As part of the outreach, the City will spotlight the facilities offered to its own employees,	**N/A:** This is a municipal measure and not specifically applicable to the Project. Therefore, this measure is not applicable.

Table 3: City of Monterey Park Climate Action Plan Consistency		
Measure	**Description**	**Consistency**
	which includes bike racks at City Hall, and changing rooms, lockers, and showers for most employees. Research has shown that VMT can be reduced by 2% to 5% through end-of-trip facilities. With 50% of the travel within the City associated with commuting, this action can achieve 1% VMT reduction by 2020.	
T3. Transportation Demand Management (TDM)	Transportation demand management (TDM) is a series of strategies that aim to reduce single-occupancy automobile trips. These strategies frequently target commute trips associated with employment within a community. Under this program, private companies with less than 250 employees would be encouraged, but not required, to implement a TDM program for their employees. The City will designate a TDM Coordinator who will promote these programs at local businesses, show case the current municipal program as an example, and encourage additional TDM at existing and future businesses.	**Consistent:** This is a municipal measure and not specifically applicable to the Project. In addition, the Project would have far fewer than 250 employees and therefore is not required to implement a TDM program. Nonetheless, the Project would not obstruct the efforts of the City's TDM Coordinator to promote TDM programs for local business, and as such is consistent with implementation of this policy by the City.
Water Conservation and Waste Reduction		
W1. Conserving Water	The City, in partnership with the San Gabriel Valley Water District, will continue to develop pilot or demonstration projects related to water conservation. The City will continue to work with the Water District to complete irrigation and revegetation of medians throughout the City with water-efficient irrigation equipment and native vegetation.	**Consistent:** The proposed Project would include landscaping on the site which would consist of native trees, shrubs, grasses, and groundcover, all of which would have very low or low water needs. The Project would include water efficient appliances per City and State codes. In addition, the Project is designed to include data center cooling technologies that minimize water use.
W2. Reducing Waste	This program allows the City to meet the 50 percent landfill diversion mandate required by State law while providing a service to residents and	**Consistent:** The proposed Project would be served by the local solid waste collection and recycling service that

Table 3: City of Monterey Park Climate Action Plan Consistency		
Measure	**Description**	**Consistency**
	businesses. In addition to the Materials Recovery Facility (MRF) program, the City has additional waste diversion and recycling programs, ranging from backyard composting/ smart gardening workshops to participation in County-wide Household Hazardous Waste collection events.	diverts waste consistent with City and State recycling and diversion targets.
Source: City of Monterey Park, 2012, City of Monterey Park Climate Action Plan, https://www.montereypark.ca.gov/DocumentCenter/View/581/Climate-Action-Plan?bidId=. Accessed April 22, 2024.		

As shown in **Table 3,** the proposed Project is consistent with the applicable policies within the City's CAP.

Consistency with the 2022 Scoping Plan

For the State of California, the 2022 Scoping Plan Update sets a path to achieve targets for carbon neutrality and reduce anthropogenic GHG emissions by 85 percent below 1990 levels by 2045 in accordance with AB 1279. The transportation, electricity, and industrial sectors are the largest GHG contributors in the State. The 2022 Scoping Plan Update plans to achieve the AB 1279 targets primarily through zero-emission transportation (e.g., electrifying cars, buses, trains, and trucks). Additional GHG reductions are achieved through decarbonizing the electricity and industrial sectors.

Statewide strategies to reduce GHG emissions in the latest 2022 Scoping Plan Update include implementing SB 100, which would achieve 100 percent clean electricity by 2045; achieving 100 percent zero emission vehicle sales in 2035 through Advanced Clean Cars II; and implementing the Advanced Clean Fleets regulation to deploy zero-electric vehicle buses and trucks. The 2022 Scoping Plan Update would continue to implement SB 375. GHGs would be further reduced through the Cap-and-Trade Program carbon pricing and SB 905. SB 905 requires CARB to create the Carbon Capture, Removal, Utilization, and Storage Program to evaluate, demonstrate, and regulate carbon dioxide removal projects and technology. The Project would be compliant with CALGreen, including required number of EV chargers.

The 2022 Scoping Plan Update states that local CAPs that address the State's largest sources of emissions and prioritize transportation electrification, VMT reduction, and building decarbonization, contribute to the alignment between local climate action and the State's climate goals. As indicated above, the proposed Project would be consistent with the City's CAP. Further, project's GHG emissions associated with energy and mobile sources would be further reduced by the 2022 Scoping Plan Update measures described above. It should be noted that the City has no control over vehicle

emissions, however, these emissions would decline in the future due to Statewide measures discussed above, as well as cleaner technology and fleet turnover. In addition, the Project generates minimal VMT and daily traffic trips due to a limited number of employees required to work at and service the data center. Thus, the Project does not create substantial GHG emissions from vehicles in any case.

The Project would not impede the State's progress towards carbon neutrality by 2045 under the 2022 Scoping Plan. The Project would be required to comply with applicable current and future regulatory requirements promulgated through the 2022 Scoping Plan.

As noted above, the thresholds of significance for purposes of CEQA review are consistency with the lead agency's applicable plans regarding reduction of GHG emissions. Nevertheless, for contextual purposes, the Project would not conflict with implementation of the 2022 Scoping Plan.

In conclusion, the Project would not conflict with an applicable plan, policy, or regulation of the lead agency adopted for the purpose of reducing GHG emissions. Therefore, the proposed Project would not result in significant effects.

Quantification of Project Emissions

Short-Term Construction Greenhouse Gas Emissions

The Project would result in direct emissions of GHGs from construction. Construction of the Project would result in direct emissions of CO_2, N_2O, and CH_4 related to the operation of construction equipment, and the transport of materials and construction workers to and from the Project site. The SCAQMD advises that construction GHG emissions be summed and amortized over the lifetime of a project (assumed to be 30 years), then the yearly amount be added to the operational emissions.[10] The annual GHG emissions generated by construction of the Project is shown in **Table 4: Construction Greenhouse Gas Emissions.**

[10] The amortization period of 30-years is based on the standard assumption of the South Coast Air Quality Management District (South Coast Air Quality Management District, *Minutes for the GHG CEQA Significance Threshold Stakeholder Working Group #13,* August 26, 2009).

Table 4: Construction Greenhouse Gas Emissions	
Year	**$MTCO_2e$ per year**
Construction (2025)	511
Construction (2026)	471
Construction (2027)	237
Total	1,219
Amortized Over 30 Years	40.63
Source: CalEEMod version 2022.1. Refer to **Attachment A** for model outputs.	

As shown, the Project would result in the generation of a maximum of 511 $MTCO_2e$ and a minimum of 237 $MTCO_2e$ per year during construction, with an amortized 40.63 $MTCO_2e$ annually. The total GHG construction emissions were amortized over the 30-year lifetime of the Project (i.e., total construction GHG emissions were divided by 30 to determine the annual construction emissions estimate that can be added to the Project's operational emissions) in order to determine the Project's annual GHG emissions inventory. Once construction is complete, the generation of these GHG emissions would cease. Neither the City nor SCAQMD have an adopted threshold of significance for construction related GHG emissions. Therefore, GHG emissions related to construction were quantified and disclosed in this report for informational purposes only.

Long-Term Operational Greenhouse Gas Emissions

Operational or long-term emissions would occur over the life of the proposed Project. GHG emissions would result from area sources (consumer products, landscape maintenance equipment, and painting), vehicular traffic, and diesel fuel associated with the emergency generators. Operational GHG emissions would also result from indirect sources, such as off-site generation of electrical power, the energy required to convey water to, and wastewater from the Project, the emissions associated with solid waste generated from the Project, and any fugitive refrigerants from air conditioning or refrigerators.

The Project electricity usage would be mainly from the operation of the data center. The purpose of a data center is to house computer servers, which require electricity and cooling 24 hours a day to operate. Based on data received from the Applicant, the Project during peak load conditions would have a demand of 49,999 kilowatts per hour (KW/h). The analysis assumes 24/7 operations (8,760 hours per year) which would result in a maximum electrical usage of 437,991 megawatt hours (MWh) per year, including CalEEMod default assumptions for lighting for surface parking. The modeling also conservatively assumed the 14 gen-sets would be used for up to 50 hours per year per generator for testing and maintenance. The generators would utilize diesel fuel.

Power Usage Effectiveness During Operation

Power usage effectiveness (PUE) is a metric to calculate the ratio of total facility power over IT equipment energy. Total facility power is the amount of power the facility uses which includes data center hardware, power delivery components, cooling and lighting systems. Whereas IT equipment includes energy related to the storage and networking equipment, and control equipment. The ideal PUE is one (1) where all power drawn by the facility goes to the IT infrastructure. The average PUE in 2019 was 1.67.[11] The proposed Project is anticipated to have a blended PUE of 1.2 due to free cooling modules on the air-cooled chillers, below the average for data centers. The proposed Project would be more efficient than the average data center.

Total GHG emissions associated with the Project are summarized in **Table 5: Operational Greenhouse Gas Emissions Opening Year**. The Project Site includes an office building that has been vacant since 2016. While the Project conservatively does not take credit for the historical emissions, there was a use on site in 2012 when the CAP was being prepared for the City. Therefore, net emissions would be less than shown in the table.

Table 5: Operational Greenhouse Gas Emissions Opening Year

Emissions Source	$MTCO_2e$ per Year[1]
Amortized Construction Emissions	41
Area Source	5
Emergency Generators [2]	2,062
Mobile	80
Waste	70
Water and Wastewater	27
Refrigeration	0.1
Energy[3]	83,020
Total Emissions	85,305

1. Total values are from CalEEMod and may not add up due to rounding.
2. Emergency backup generator emissions calculated assuming 50 hours per year per generator (14 generators).
3. The servers in the data center were estimated to require approximately 50 MW of power per hour, and operations were conservatively estimated to be 8,760 hours per year. Total MW per year would be 437,991. Total CO_2e in tons per year would be 83,020. The Project does not include natural gas heaters or water heaters.

Source: CalEEMod version 2022.1. Refer to **Attachment A** for model outputs.

[11] Uptime Institute, Annual Data Center Survey Results, 2019, https://datacenter.com/wp-content/uploads/2019/06/data-center-survey-2019.pdf. Accessed May 7, 2024.

As shown above in **Table 5**, the emissions related to electricity use by the data center is a majority of the emissions. Southern California Edison (SCE) is the utility providing electricity to the Project site. SCE's carbon intensity factor in 2022 was 552 lbs CO_2e/MWh which includes 33.2 percent eligible renewable energy in the power mix.[12] Emissions associated with the Project's electricity consumption occur at power production facilities which are covered entities under the State's Cap-and-Trade regulations, which limit total GHG emissions by covered sources with decreasing allocations, and are subject to the RPS standard requiring the GHG intensity of electricity production to decrease steadily. These regulatory schemes serve as the foundation for the State's goal of net neutrality in 2045. Likewise, the implementation of these Statewide measures, including but not limited to SCE procuring and delivery electricity from renewable energy sources result in an annual reduction of GHG emissions associated with operation of the Project.

The Cap-and-Trade program covers approximately 80 percent of California's GHG emissions.[13] The statewide limit on GHG emissions from the capped sectors (i.e., electricity generation, industrial sources, petroleum refining, and cement production) will decline every year, achieving GHG emission reductions throughout the program's duration. The passage of AB 398 in July 2017 extended the duration of the Cap-and-Trade program from 2020 to 2030. The Cap-and-Trade program was extended in 2015 to cover combustion of fossil fuels including transportation fuels used in California. Accordingly, GHG emissions associated with the electricity usage and mobile sources of most projects that are subject to CEQA are covered by the Cap-and-Trade program.

Table 6: Trend of Project Greenhouse Gas Emissions Related to State Mandates shows the Project emissions in the opening year 2027, in 2035, consistent with the City's CAP horizon, and in 2045, the year the State will meet its carbon neutrality goal. **Table 6** also highlights the reduction in mobile emissions as passenger vehicle fleets become cleaner and technology improves. The trends show a steady decrease in Project GHG emissions, consistent with the overarching goals of the State's 2022 Scoping Plan and the City's CAP.

[12] Southern California Edison, 2022 Power Content Label, https://www.energy.ca.gov/filebrowser/download/6072. Accessed April 22, 2024.

[13] California Air Resources Board, Cap-and-Trade Program: Frequently Asked Questions, September 2022. https://ww2.arb.ca.gov/sites/default/files/2022-09/nc-FAQ_CT.pdf. Accessed April 22, 2024.

Table 6: Trend of Project Greenhouse Gas Emissions Related to State Mandates			
	Annual Emissions ($MTCO_2e$ per Year)[1]		
Emissions Source	**2027 (Project Opening)**	**2035 (CAP Horizon)**	**2045 (CA GHG Neutrality)**
Mobile	80	71	67
Area	5	5	5
Energy[2]	83,020	62,657	0
Water	21	18	0
Waste	70	70	70
Generators	2,062	2,062	2,062
Total	85,258	64,883	2,204
1. Total values are from CalEEMod and may not add up due to rounding. 2. The Project does not include natural gas. GHG emissions from electricity are shown to decline in accordance with State mandates and regulations including RPS standard that requires an increasing amount of renewable energy electric utilities procure to comply with the various goals including 50 percent eligible renewable energy resources in 2030. In line with the Governor's mandate emissions in 2045 are shown to achieve the carbon neutrality goal.			
Source: CalEEMod version 2022.1. Refer to **Attachment A** for model outputs.			

As shown above in **Table 5** and **Table 6**, the majority of GHG emissions associated with the Project is the electricity energy use (approximately 97 percent). Because GHG emissions from covered entities are accounted for in the State's GHG future inventories and reduction targets and are subject to existing regulatory schemes to reduce emissions, those emissions are considered consistent with the 2022 Scoping Plan Update.

The Project would include a variety of energy efficiency measures including all applicable City and State green building measures such as California Code of Regulations Title 24, Part 6 (Energy Code) and Part 11 (CALGreen). The Project is designed to minimize wasteful energy consumption, with a projected PUE much lower than the average achieved by data centers. In addition, the Project would be consistent with applicable CAP goals (discussed in detail above) aimed to reduce GHG emissions.

Mitigation Measure: No mitigation is required.

Level of Significance: Less than Significant Impact.

Conclusion

The Project would not conflict with applicable regulatory plans and policies of the lead agency adopted for purposes of reducing emissions of GHGs. Furthermore, because the Project is consistent with such plans, the Project's incremental increase in GHG emissions would not result in a significant

impact on the environment. Therefore, Project implementation would result in less than significant construction and operational GHG impacts. No mitigation measures would be required.

7.0 References

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16. U.S. EPA, *Methane and Nitrous Oxide Emission from Natural Sources*, 2010.

Attachment A

CalEEMod Modeling Results

Saturn Data Center Project - Construction Only Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Saturn Data Center Project - Construction Only
Construction Start Date	9/1/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.2
Location	1977 Saturn St, Monterey Park, CA 91755, USA
County	Los Angeles-South Coast
City	Monterey Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4170
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.22

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Office Building	218	1000sqft	5.01	218,400	113,291	0.00	—	—

Parking Lot	68.0	Space	0.61	0.00	0.00	0.00	—	—
General Office Building	24.0	1000sqft	0.55	24,000	0.00	0.00	—	Proxy to substation

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.23	35.3	27.0	22.8	0.06	0.97	4.17	5.14	0.89	0.78	1.67	—	7,518	7,518	0.36	0.64	9.78	7,729
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.29	3.38	52.2	32.4	0.22	1.37	9.57	10.7	1.26	3.00	4.02	—	31,311	31,311	1.66	4.45	1.71	32,679
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.04	6.60	8.26	11.0	0.02	0.27	1.37	1.64	0.25	0.43	0.68	—	2,984	2,984	0.15	0.32	2.10	3,087
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.19	1.20	1.51	2.01	< 0.005	0.05	0.25	0.30	0.04	0.08	0.12	—	494	494	0.02	0.05	0.35	511

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	3.23	2.52	27.0	22.8	0.06	0.97	4.17	5.14	0.89	0.78	1.67	—	7,518	7,518	0.36	0.64	9.78	7,729
2026	1.69	1.39	11.5	18.6	0.03	0.40	1.35	1.75	0.36	0.33	0.69	—	4,687	4,687	0.19	0.23	6.90	4,768
2027	1.38	35.3	7.54	15.0	0.02	0.19	1.76	1.95	0.18	0.43	0.61	—	3,738	3,738	0.16	0.23	7.67	3,818
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.29	3.38	52.2	32.4	0.22	1.37	9.57	10.7	1.26	3.00	4.02	—	31,311	31,311	1.66	4.45	1.71	32,679
2026	1.69	1.39	11.6	17.9	0.03	0.40	1.35	1.75	0.36	0.33	0.69	—	4,633	4,633	0.19	0.23	0.18	4,707
2027	1.12	0.91	6.72	11.3	0.02	0.17	1.35	1.53	0.16	0.33	0.49	—	3,139	3,139	0.10	0.21	0.17	3,205
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.89	0.65	8.26	6.57	0.02	0.27	1.37	1.64	0.25	0.43	0.68	—	2,984	2,984	0.15	0.32	2.10	3,087
2026	1.04	0.86	6.96	11.0	0.02	0.23	0.89	1.12	0.21	0.22	0.43	—	2,797	2,797	0.12	0.15	1.97	2,846
2027	0.51	6.60	2.97	5.28	0.01	0.08	0.63	0.70	0.07	0.15	0.22	—	1,404	1,404	0.04	0.09	1.24	1,434
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.16	0.12	1.51	1.20	< 0.005	0.05	0.25	0.30	0.04	0.08	0.12	—	494	494	0.02	0.05	0.35	511
2026	0.19	0.16	1.27	2.01	< 0.005	0.04	0.16	0.20	0.04	0.04	0.08	—	463	463	0.02	0.02	0.33	471
2027	0.09	1.20	0.54	0.96	< 0.005	0.01	0.11	0.13	0.01	0.03	0.04	—	232	232	0.01	0.02	0.21	237

3. Construction Emissions Details

3.1. Phase 1 Demolition (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.86	2.40	22.2	19.9	0.03	0.92	—	0.92	0.84	—	0.84	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	—	2.94	2.94	—	0.44	0.44	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.86	2.40	22.2	19.9	0.03	0.92	—	0.92	0.84	—	0.84	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	—	2.94	2.94	—	0.44	0.44	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.34	0.29	2.68	2.40	< 0.005	0.11	—	0.11	0.10	—	0.10	—	413	413	0.02	< 0.005	—	414
Demolition	—	—	—	—	—	—	0.35	0.35	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.49	0.44	< 0.005	0.02	—	0.02	0.02	—	0.02	—	68.4	68.4	< 0.005	< 0.005	—	68.6
Demolition	—	—	—	—	—	—	0.06	0.06	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	1.04	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	207	207	0.01	0.01	0.76	210
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.30	0.06	4.77	1.85	0.03	0.05	1.04	1.09	0.05	0.28	0.33	—	3,886	3,886	0.21	0.61	9.02	4,082
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.07	0.88	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	197	197	0.01	0.01	0.02	199
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.30	0.06	4.96	1.87	0.03	0.05	1.04	1.09	0.05	0.28	0.33	—	3,887	3,887	0.21	0.61	0.23	4,075
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	24.0	24.0	< 0.005	< 0.005	0.04	24.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.04	0.01	0.60	0.22	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	469	469	0.03	0.07	0.47	492
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.98	3.98	< 0.005	< 0.005	0.01	4.04
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.11	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	77.6	77.6	< 0.005	0.01	0.08	81.4

3.3. Phase 1 Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.94	3.31	31.6	30.2	0.05	1.37	—	1.37	1.26	—	1.26	—	5,295	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	5.11	5.11	—	2.63	2.63	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	0.22	2.08	1.98	< 0.005	0.09	—	0.09	0.08	—	0.08	—	348	348	0.01	< 0.005	—	349
Dust From Material Movement	—	—	—	—	—	—	0.34	0.34	—	0.17	0.17	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.38	0.36	< 0.005	0.02	—	0.02	0.02	—	0.02	—	57.6	57.6	< 0.005	< 0.005	—	57.8
Dust From Material Movement	—	—	—	—	—	—	0.06	0.06	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.08	1.03	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	229	229	0.01	0.01	0.02	232
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	15.3	15.3	< 0.005	< 0.005	0.03	15.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.53	2.53	< 0.005	< 0.005	< 0.005	2.57
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Phase 1 Grading (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.07	1.74	16.3	17.9	0.03	0.72	—	0.72	0.66	—	0.66	—	2,959	2,959	0.12	0.02	—	2,970

Dust From Material Movement	—	—	—	—	—	—	1.85	1.85	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.10	0.89	0.98	< 0.005	0.04	—	0.04	0.04	—	0.04	—	162	162	0.01	< 0.005	—	163
Dust From Material Movement	—	—	—	—	—	—	0.10	0.10	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	26.8	26.8	< 0.005	< 0.005	—	26.9
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.07	0.88	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	197	197	0.01	0.01	0.02	199
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.15	0.41	35.9	13.6	0.19	0.36	7.53	7.89	0.36	2.06	2.42	—	28,155	28,155	1.53	4.42	1.69	29,511

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.9	10.9	< 0.005	< 0.005	0.02	11.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.12	0.02	1.99	0.74	0.01	0.02	0.41	0.43	0.02	0.11	0.13	—	1,542	1,542	0.08	0.24	1.54	1,618
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.81	1.81	< 0.005	< 0.005	< 0.005	1.83
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.02	< 0.005	0.36	0.13	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	255	255	0.01	0.04	0.26	268

3.7. Phase 1 Building Construction and Utilities (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.28	1.07	9.85	13.0	0.02	0.38	—	0.38	0.35	—	0.35	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.28	1.07	9.85	13.0	0.02	0.38	—	0.38	0.35	—	0.35	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.53	0.45	4.10	5.40	0.01	0.16	—	0.16	0.15	—	0.15	—	998	998	0.04	0.01	—	1,002
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.75	0.99	< 0.005	0.03	—	0.03	0.03	—	0.03	—	165	165	0.01	< 0.005	—	166
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.29	0.30	5.01	0.00	0.00	1.01	1.01	0.00	0.24	0.24	—	1,051	1,051	0.04	0.04	3.56	1,067
Vendor	0.09	0.04	1.37	0.66	0.01	0.02	0.34	0.36	0.01	0.09	0.10	—	1,239	1,239	0.05	0.18	3.35	1,296
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.28	0.34	4.28	0.00	0.00	1.01	1.01	0.00	0.24	0.24	—	996	996	0.05	0.04	0.09	1,008
Vendor	0.09	0.04	1.43	0.68	0.01	0.02	0.34	0.36	0.01	0.09	0.10	—	1,239	1,239	0.05	0.18	0.09	1,293
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.15	1.86	0.00	0.00	0.42	0.42	0.00	0.10	0.10	—	421	421	0.02	0.02	0.64	427
Vendor	0.04	0.02	0.60	0.28	< 0.005	0.01	0.14	0.15	< 0.005	0.04	0.04	—	516	516	0.02	0.07	0.60	539
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.03	0.34	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	69.7	69.7	< 0.005	< 0.005	0.11	70.6
Vendor	0.01	< 0.005	0.11	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	85.4	85.4	< 0.005	0.01	0.10	89.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Phase 2 Interior Construction (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.64	5.27	6.78	0.01	0.19	—	0.19	0.18	—	0.18	—	947	947	0.04	0.01	—	950
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.64	5.27	6.78	0.01	0.19	—	0.19	0.18	—	0.18	—	947	947	0.04	0.01	—	950
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.26	1.62	< 0.005	0.05	—	0.05	0.04	—	0.04	—	226	226	0.01	< 0.005	—	227
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.23	0.30	< 0.005	0.01	—	0.01	0.01	—	0.01	—	37.4	37.4	< 0.005	< 0.005	—	37.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.29	0.30	5.01	0.00	0.00	1.01	1.01	0.00	0.24	0.24	—	1,051	1,051	0.04	0.04	3.56	1,067
Vendor	0.09	0.04	1.37	0.66	0.01	0.02	0.34	0.36	0.01	0.09	0.10	—	1,239	1,239	0.05	0.18	3.35	1,296
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.28	0.34	4.28	0.00	0.00	1.01	1.01	0.00	0.24	0.24	—	996	996	0.05	0.04	0.09	1,008
Vendor	0.09	0.04	1.43	0.68	0.01	0.02	0.34	0.36	0.01	0.09	0.10	—	1,239	1,239	0.05	0.18	0.09	1,293
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.09	1.07	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	241	241	0.01	0.01	0.37	245
Vendor	0.02	0.01	0.34	0.16	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	296	296	0.01	0.04	0.34	309
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.19	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	40.0	40.0	< 0.005	< 0.005	0.06	40.5
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	< 0.005	—	49.0	49.0	< 0.005	0.01	0.06	51.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Phase 2 Interior Construction (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.73	0.61	5.03	6.75	0.01	0.17	—	0.17	0.15	—	0.15	—	947	947	0.04	0.01	—	950
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.73	0.61	5.03	6.75	0.01	0.17	—	0.17	0.15	—	0.15	—	947	947	0.04	0.01	—	950
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.25	2.09	2.80	< 0.005	0.07	—	0.07	0.06	—	0.06	—	393	393	0.02	< 0.005	—	394
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.38	0.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	65.0	65.0	< 0.005	< 0.005	—	65.2
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.31	0.28	0.27	4.66	0.00	0.00	1.01	1.01	0.00	0.24	0.24	—	1,031	1,031	0.04	0.04	3.21	1,046
Vendor	0.08	0.04	1.31	0.62	0.01	0.01	0.34	0.35	0.01	0.09	0.10	—	1,215	1,215	0.05	0.17	3.17	1,269
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.31	0.27	0.33	3.95	0.00	0.00	1.01	1.01	0.00	0.24	0.24	—	977	977	0.01	0.04	0.08	989

Vendor	0.08	0.04	1.36	0.64	0.01	0.01	0.34	0.35	0.01	0.09	0.10	—	1,215	1,215	0.05	0.17	0.08	1,267
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.11	0.14	1.72	0.00	0.00	0.42	0.42	0.00	0.10	0.10	—	411	411	0.01	0.02	0.57	417
Vendor	0.03	0.02	0.57	0.26	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	504	504	0.02	0.07	0.57	526
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.03	0.31	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	68.1	68.1	< 0.005	< 0.005	0.10	69.0
Vendor	0.01	< 0.005	0.10	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	83.5	83.5	< 0.005	0.01	0.09	87.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Phase 1 Paving (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.91	0.76	7.12	9.94	0.01	0.32	—	0.32	0.29	—	0.29	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.05	0.04	0.41	0.57	< 0.005	0.02	—	0.02	0.02	—	0.02	—	86.9	86.9	< 0.005	< 0.005	—	87.2
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.4	14.4	< 0.005	< 0.005	—	14.4
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.97	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	203	203	0.01	0.01	0.69	206
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.2	11.2	< 0.005	< 0.005	0.02	11.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.86	1.86	< 0.005	< 0.005	< 0.005	1.89
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Phase 2 Architectural Coating (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	0.83	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	34.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.15	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.1	24.1	< 0.005	< 0.005	—	24.2
Architectural Coatings	—	6.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.00	4.00	< 0.005	< 0.005	—	4.01
Architectural Coatings	—	1.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.11	1.86	0.00	0.00	0.41	0.41	0.00	0.10	0.10	—	412	412	0.02	0.01	1.28	418
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.30	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	71.7	71.7	< 0.005	< 0.005	0.10	72.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.9	11.9	< 0.005	< 0.005	0.02	12.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Phase 1 Demolition	Demolition	9/1/2025	10/30/2025	5.00	44.0	—
Phase 1 Site Preparation	Site Preparation	10/31/2025	12/3/2025	5.00	24.0	—
Phase 1 Grading	Grading	12/4/2025	12/31/2025	5.00	20.0	—
Phase 1 Building Construction and Utilities	Building Construction	1/1/2026	8/1/2026	5.00	152	—
Phase 2 Interior Construction	Building Construction	9/1/2026	7/31/2027	5.00	239	—
Phase 1 Paving	Paving	8/2/2026	8/31/2026	5.00	21.0	—
Phase 2 Architectural Coating	Architectural Coating	6/1/2027	8/31/2027	5.00	66.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 1 Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Phase 1 Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Phase 1 Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38

Phase 1 Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Phase 1 Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Phase 1 Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Phase 1 Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Phase 1 Grading	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Phase 1 Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Phase 1 Building Construction and Utilities	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Phase 1 Building Construction and Utilities	Cranes	Diesel	Average	1.00	7.00	367	0.29
Phase 1 Building Construction and Utilities	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Phase 1 Building Construction and Utilities	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Phase 1 Building Construction and Utilities	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Phase 2 Interior Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Phase 2 Interior Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Phase 2 Interior Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Phase 2 Interior Construction	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48
Phase 1 Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Phase 1 Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36

Saturn Data Center Project - Operations Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Saturn Data Center Project - Operations
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.2
Location	1977 Saturn St, Monterey Park, CA 91755, USA
County	Los Angeles-South Coast
City	Monterey Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4170
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.22

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Office Building	218	1000sqft	5.01	218,400	113,291	0.00	—	—

Parking Lot	68.0	Space	0.61	0.00	0.00	0.00	—	—
General Office Building	24.0	1000sqft	0.55	24,000	0.00	0.00	—	Proxy for Substation

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.08	7.72	0.24	12.4	0.01	0.02	0.45	0.48	0.02	0.12	0.13	135	416,054	416,189	53.1	4.85	2.10	418,965
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.20	5.99	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	135	415,990	416,125	53.1	4.85	0.63	418,899
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.49	7.17	0.23	8.98	0.01	0.02	0.45	0.46	0.01	0.11	0.13	135	416,025	416,160	53.1	4.85	1.24	418,935
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.27	1.31	0.04	1.64	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	22.3	68,878	68,900	8.80	0.80	0.21	69,360

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.21	0.18	0.16	1.88	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	491	491	0.02	0.02	1.51	498
Area	1.88	7.54	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	415,449	415,449	39.6	4.80	—	417,870
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	70.5	83.7	1.36	0.03	—	128
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	2.08	7.72	0.24	12.4	0.01	0.02	0.45	0.48	0.02	0.12	0.13	135	416,054	416,189	53.1	4.85	2.10	418,965
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.20	0.18	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	470	470	0.02	0.02	0.04	477
Area	—	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	415,449	415,449	39.6	4.80	—	417,870
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	70.5	83.7	1.36	0.03	—	128
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	0.20	5.99	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	135	415,990	416,125	53.1	4.85	0.63	418,899
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.20	0.18	0.17	1.76	< 0.005	< 0.005	0.45	0.45	< 0.005	0.11	0.12	—	476	476	0.02	0.02	0.65	483
Area	1.28	6.99	0.06	7.22	< 0.005	0.01	—	0.01	0.01	—	0.01	—	29.7	29.7	< 0.005	< 0.005	—	29.8
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	415,449	415,449	39.6	4.80	—	417,870
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	70.5	83.7	1.36	0.03	—	128
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59

Total	1.49	7.17	0.23	8.98	0.01	0.02	0.45	0.46	0.01	0.11	0.13	135	416,025	416,160	53.1	4.85	1.24	418,935
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.04	0.03	0.03	0.32	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	78.8	78.8	< 0.005	< 0.005	0.11	79.9
Area	0.23	1.28	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	68,782	68,782	6.56	0.79	—	69,183
Water	—	—	—	—	—	—	—	—	—	—	—	2.19	11.7	13.9	0.23	0.01	—	21.1
Waste	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	0.27	1.31	0.04	1.64	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	22.3	68,878	68,900	8.80	0.80	0.21	69,360

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.21	0.18	0.16	1.88	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	491	491	0.02	0.02	1.51	498
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.21	0.18	0.16	1.88	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	491	491	0.02	0.02	1.51	498
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	0.20	0.18	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	470	470	0.02	0.02	0.04	477
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.20	0.18	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	470	470	0.02	0.02	0.04	477
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.04	0.03	0.03	0.32	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	78.8	78.8	< 0.005	< 0.005	0.11	79.9
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.04	0.03	0.03	0.32	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	78.8	78.8	< 0.005	< 0.005	0.11	79.9

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	415,427	415,427	39.6	4.80	—	417,847
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	22.1	22.1	< 0.005	< 0.005	—	22.3
Total	—	—	—	—	—	—	—	—	—	—	—	—	415,449	415,449	39.6	4.80	—	417,870
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	415,427	415,427	39.6	4.80	—	417,847
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	22.1	22.1	< 0.005	< 0.005	—	22.3
Total	—	—	—	—	—	—	—	—	—	—	—	—	415,449	415,449	39.6	4.80	—	417,870
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	68,779	68,779	6.56	0.79	—	69,179
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3.67	3.67	< 0.005	< 0.005	—	3.69
Total	—	—	—	—	—	—	—	—	—	—	—	—	68,782	68,782	6.56	0.79	—	69,183

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	5.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.88	1.73	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Total	1.88	7.54	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consum Products	—	5.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.23	0.22	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93
Total	0.23	1.28	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.2	70.5	83.7	1.36	0.03	—	128
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	—	13.2	70.5	83.7	1.36	0.03	—	128
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.2	70.5	83.7	1.36	0.03	—	128
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	13.2	70.5	83.7	1.36	0.03	—	128
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.19	11.7	13.9	0.23	0.01	—	21.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.19	11.7	13.9	0.23	0.01	—	21.1

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Office Building	54.0	54.0	54.0	19,710	640	640	640	233,427
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	363,600	121,200	1,600

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Office Building	437,991,240	346	0.0330	0.0040	0.00
Parking Lot	23,353	346	0.0330	0.0040	0.00
General Office Building	0.00	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	5,840,365	5,165,115
Parking Lot	0.00	0.00
General Office Building	1,051,200	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Office Building	203	—

Parking Lot	0.00	—
General Office Building	22.3	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	16.2	annual days of extreme heat

Extreme Precipitation	5.55	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	65.7
AQ-PM	83.4
AQ-DPM	56.8
Drinking Water	85.4
Lead Risk Housing	89.3
Pesticides	36.2

Toxic Releases	81.8
Traffic	97.9
Effect Indicators	—
CleanUp Sites	68.9
Groundwater	0.00
Haz Waste Facilities/Generators	60.2
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	17.4
Cardio-vascular	7.94
Low Birth Weights	49.3
Socioeconomic Factor Indicators	—
Education	66.5
Housing	54.1
Linguistic	71.2
Poverty	43.7
Unemployment	77.1

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	40.31823431
Employed	23.22597203
Median HI	54.35647376
Education	—

Bachelor's or higher	44.23200308
High school enrollment	100
Preschool enrollment	79.96920313
Transportation	—
Auto Access	45.25856538
Active commuting	40.56204286
Social	—
2-parent households	45.09174901
Voting	70.05004491
Neighborhood	—
Alcohol availability	52.77813422
Park access	37.2770435
Retail density	8.045682022
Supermarket access	42.53817529
Tree canopy	87.74541255
Housing	—
Homeownership	63.76235083
Housing habitability	42.25587065
Low-inc homeowner severe housing cost burden	26.4724753
Low-inc renter severe housing cost burden	54.20248941
Uncrowded housing	23.82907738
Health Outcomes	—
Insured adults	56.08879764
Arthritis	0.0
Asthma ER Admissions	88.3
High Blood Pressure	0.0
Cancer (excluding skin)	0.0

Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	63.8
Cognitively Disabled	64.4
Physically Disabled	73.0
Heart Attack ER Admissions	94.8
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	91.1
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	31.0
Elderly	16.2
English Speaking	17.4
Foreign-born	85.5
Outdoor Workers	54.7
Climate Change Adaptive Capacity	—

Impervious Surface Cover	40.4
Traffic Density	96.5
Traffic Access	23.0
Other Indices	—
Hardship	65.0
Other Decision Support	—
2016 Voting	32.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	63.0
Healthy Places Index Score for Project Location (b)	48.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification

Operations: Vehicle Data	Changes according to Project Trip Rate
Operations: Energy Use	Values provided by client.
Operations: Water and Waste Water	Values provided by client.

Saturn Data Center Project - Operations 2035 Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Saturn Data Center Project - Operations 2035
Operational Year	2035
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.2
Location	1977 Saturn St, Monterey Park, CA 91755, USA
County	Los Angeles-South Coast
City	Monterey Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4170
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.22

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Office Building	218	1000sqft	5.01	218,400	113,291	0.00	—	—

Parking Lot	68.0	Space	0.61	0.00	0.00	0.00	—	—
General Office Building	24.0	1000sqft	0.55	24,000	0.00	0.00	—	Proxy for Substation

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.04	7.68	0.20	12.0	< 0.005	0.02	0.45	0.47	0.02	0.12	0.13	135	313,489	313,623	53.1	4.85	1.10	316,397
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.16	5.95	0.12	1.35	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	135	313,427	313,562	53.1	4.85	0.60	316,335
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.44	7.14	0.18	8.61	< 0.005	0.01	0.45	0.46	0.01	0.11	0.13	135	313,462	313,596	53.1	4.85	0.81	316,370
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.26	1.30	0.03	1.57	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	22.3	51,897	51,919	8.80	0.80	0.13	52,379

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.16	0.14	0.11	1.49	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	436	436	0.02	0.02	0.51	441
Area	1.88	7.54	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	312,956	312,956	39.6	4.80	—	315,377
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	53.1	66.3	1.36	0.03	—	110
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	2.04	7.68	0.20	12.0	< 0.005	0.02	0.45	0.47	0.02	0.12	0.13	135	313,489	313,623	53.1	4.85	1.10	316,397
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.16	0.14	0.12	1.35	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	418	418	0.02	0.02	0.01	423
Area	—	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	312,956	312,956	39.6	4.80	—	315,377
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	53.1	66.3	1.36	0.03	—	110
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	0.16	5.95	0.12	1.35	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	135	313,427	313,562	53.1	4.85	0.60	316,335
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.16	0.14	0.12	1.39	< 0.005	< 0.005	0.45	0.45	< 0.005	0.11	0.12	—	423	423	0.02	0.02	0.22	428
Area	1.29	6.99	0.06	7.22	< 0.005	0.01	—	0.01	0.01	—	0.01	—	29.7	29.7	< 0.005	< 0.005	—	29.8
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	312,956	312,956	39.6	4.80	—	315,377
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	53.1	66.3	1.36	0.03	—	110
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59

Total	1.44	7.14	0.18	8.61	< 0.005	0.01	0.45	0.46	0.01	0.11	0.13	135	313,462	313,596	53.1	4.85	0.81	316,370
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.03	0.03	0.02	0.25	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	70.0	70.0	< 0.005	< 0.005	0.04	70.9
Area	0.23	1.28	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	51,813	51,813	6.56	0.79	—	52,214
Water	—	—	—	—	—	—	—	—	—	—	—	2.19	8.79	11.0	0.23	0.01	—	18.2
Waste	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	0.26	1.30	0.03	1.57	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	22.3	51,897	51,919	8.80	0.80	0.13	52,379

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.16	0.14	0.11	1.49	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	436	436	0.02	0.02	0.51	441
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.16	0.14	0.11	1.49	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	436	436	0.02	0.02	0.51	441
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	0.16	0.14	0.12	1.35	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	418	418	0.02	0.02	0.01	423
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.16	0.14	0.12	1.35	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	418	418	0.02	0.02	0.01	423
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.03	0.03	0.02	0.25	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	70.0	70.0	< 0.005	< 0.005	0.04	70.9
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.03	0.03	0.02	0.25	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	70.0	70.0	< 0.005	< 0.005	0.04	70.9

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	312,939	312,939	39.6	4.80	—	315,360
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	16.7	16.7	< 0.005	< 0.005	—	16.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	312,956	312,956	39.6	4.80	—	315,377
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	312,939	312,939	39.6	4.80	—	315,360
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	16.7	16.7	< 0.005	< 0.005	—	16.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	312,956	312,956	39.6	4.80	—	315,377
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	51,811	51,811	6.56	0.79	—	52,211
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	2.76	2.76	< 0.005	< 0.005	—	2.78
Total	—	—	—	—	—	—	—	—	—	—	—	—	51,813	51,813	6.56	0.79	—	52,214

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	5.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.88	1.73	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Total	1.88	7.54	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consum Products	—	5.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.23	0.22	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93
Total	0.23	1.28	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.2	53.1	66.3	1.36	0.03	—	110
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	—	13.2	53.1	66.3	1.36	0.03	—	110
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.2	53.1	66.3	1.36	0.03	—	110
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	13.2	53.1	66.3	1.36	0.03	—	110
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.19	8.79	11.0	0.23	0.01	—	18.2
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.19	8.79	11.0	0.23	0.01	—	18.2

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Office Building	54.0	54.0	54.0	19,710	640	640	640	233,427
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	363,600	121,200	1,600

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Office Building	437,991,240	261	0.0330	0.0040	0.00
Parking Lot	23,353	261	0.0330	0.0040	0.00
General Office Building	0.00	261	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	5,840,365	5,165,115
Parking Lot	0.00	0.00
General Office Building	1,051,200	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Office Building	203	—

Parking Lot	0.00	—
General Office Building	22.3	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	16.2	annual days of extreme heat

Extreme Precipitation	5.55	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	65.7
AQ-PM	83.4
AQ-DPM	56.8
Drinking Water	85.4
Lead Risk Housing	89.3
Pesticides	36.2

Toxic Releases	81.8
Traffic	97.9
Effect Indicators	—
CleanUp Sites	68.9
Groundwater	0.00
Haz Waste Facilities/Generators	60.2
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	17.4
Cardio-vascular	7.94
Low Birth Weights	49.3
Socioeconomic Factor Indicators	—
Education	66.5
Housing	54.1
Linguistic	71.2
Poverty	43.7
Unemployment	77.1

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	40.31823431
Employed	23.22597203
Median HI	54.35647376
Education	—

Bachelor's or higher	44.23200308
High school enrollment	100
Preschool enrollment	79.96920313
Transportation	—
Auto Access	45.25856538
Active commuting	40.56204286
Social	—
2-parent households	45.09174901
Voting	70.05004491
Neighborhood	—
Alcohol availability	52.77813422
Park access	37.2770435
Retail density	8.045682022
Supermarket access	42.53817529
Tree canopy	87.74541255
Housing	—
Homeownership	63.76235083
Housing habitability	42.25587065
Low-inc homeowner severe housing cost burden	26.4724753
Low-inc renter severe housing cost burden	54.20248941
Uncrowded housing	23.82907738
Health Outcomes	—
Insured adults	56.08879764
Arthritis	0.0
Asthma ER Admissions	88.3
High Blood Pressure	0.0
Cancer (excluding skin)	0.0

Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	63.8
Cognitively Disabled	64.4
Physically Disabled	73.0
Heart Attack ER Admissions	94.8
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	91.1
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	31.0
Elderly	16.2
English Speaking	17.4
Foreign-born	85.5
Outdoor Workers	54.7
Climate Change Adaptive Capacity	—

Impervious Surface Cover	40.4
Traffic Density	96.5
Traffic Access	23.0
Other Indices	—
Hardship	65.0
Other Decision Support	—
2016 Voting	32.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	63.0
Healthy Places Index Score for Project Location (b)	48.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification

Operations: Vehicle Data	Changes according to Project Trip Rate
Operations: Energy Use	Values provided by client.
Operations: Water and Waste Water	Values provided by client.

Saturn Data Center Project - Operations 2045 Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Saturn Data Center Project - Operations 2045
Operational Year	2045
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.2
Location	1977 Saturn St, Monterey Park, CA 91755, USA
County	Los Angeles-South Coast
City	Monterey Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4170
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.22

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Office Building	218	1000sqft	5.01	218,400	113,291	0.00	—	—

Parking Lot	68.0	Space	0.61	0.00	0.00	0.00	—	—
General Office Building	24.0	1000sqft	0.55	24,000	0.00	0.00	—	Proxy for Substation

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.02	7.67	0.18	11.9	< 0.005	0.02	0.45	0.47	0.02	0.12	0.13	135	454	588	13.5	0.05	0.70	941
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.14	5.93	0.10	1.23	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	135	393	528	13.5	0.05	0.59	880
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.43	7.12	0.16	8.49	< 0.005	0.01	0.45	0.46	0.01	0.11	0.13	135	427	562	13.5	0.05	0.64	915
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.26	1.30	0.03	1.55	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	22.3	70.8	93.1	2.24	0.01	0.11	151

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.14	0.13	0.09	1.36	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	410	410	0.01	0.01	0.11	415
Area	1.88	7.54	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.35	0.03	—	56.6
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	2.02	7.67	0.18	11.9	< 0.005	0.02	0.45	0.47	0.02	0.12	0.13	135	454	588	13.5	0.05	0.70	941
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.14	0.13	0.10	1.23	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	393	393	0.01	0.01	< 0.005	398
Area	—	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.35	0.03	—	56.6
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	0.14	5.93	0.10	1.23	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	135	393	528	13.5	0.05	0.59	880
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.14	0.13	0.10	1.27	< 0.005	< 0.005	0.45	0.45	< 0.005	0.11	0.12	—	398	398	0.01	0.01	0.05	402
Area	1.29	6.99	0.06	7.22	< 0.005	0.01	—	0.01	0.01	—	0.01	—	29.7	29.7	< 0.005	< 0.005	—	29.8
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.35	0.03	—	56.6
Waste	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59

Total	1.43	7.12	0.16	8.49	< 0.005	0.01	0.45	0.46	0.01	0.11	0.13	135	427	562	13.5	0.05	0.64	915
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.03	0.02	0.02	0.23	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	65.9	65.9	< 0.005	< 0.005	0.01	66.6
Area	0.23	1.28	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	2.19	0.00	2.19	0.22	0.01	—	9.38
Waste	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	0.26	1.30	0.03	1.55	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	22.3	70.8	93.1	2.24	0.01	0.11	151

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.14	0.13	0.09	1.36	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	410	410	0.01	0.01	0.11	415
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.14	0.13	0.09	1.36	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	410	410	0.01	0.01	0.11	415
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	0.14	0.13	0.10	1.23	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	393	393	0.01	0.01	< 0.005	398
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.14	0.13	0.10	1.23	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	393	393	0.01	0.01	< 0.005	398
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.03	0.02	0.02	0.23	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	65.9	65.9	< 0.005	< 0.005	0.01	66.6
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.03	0.02	0.02	0.23	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	65.9	65.9	< 0.005	< 0.005	0.01	66.6

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	5.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.88	1.73	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Total	1.88	7.54	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.4	43.4	< 0.005	< 0.005	—	43.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consum Products	—	5.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consum er Products	—	0.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landsca pe Equipme nt	0.23	0.22	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93
Total	0.23	1.28	0.01	1.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.92	4.92	< 0.005	< 0.005	—	4.93

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.35	0.03	—	56.6
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.35	0.03	—	56.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.35	0.03	—	56.6
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	13.2	0.00	13.2	1.35	0.03	—	56.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.19	0.00	2.19	0.22	0.01	—	9.38
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.19	0.00	2.19	0.22	0.01	—	9.38

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	425
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.59	0.59
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.10	0.10

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Office Building	54.0	54.0	54.0	19,710	640	640	640	233,427
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	363,600	121,200	1,600

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Office Building	437,991,240	0.00	0.0000	0.0000	0.00
Parking Lot	23,353	0.00	0.0000	0.0000	0.00
General Office Building	0.00	0.00	0.0000	0.0000	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	5,840,365	5,165,115
Parking Lot	0.00	0.00
General Office Building	1,051,200	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Office Building	203	—

Parking Lot	0.00	—
General Office Building	22.3	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	16.2	annual days of extreme heat

Extreme Precipitation	5.55	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	65.7
AQ-PM	83.4
AQ-DPM	56.8
Drinking Water	85.4
Lead Risk Housing	89.3
Pesticides	36.2

Toxic Releases	81.8
Traffic	97.9
Effect Indicators	—
CleanUp Sites	68.9
Groundwater	0.00
Haz Waste Facilities/Generators	60.2
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	17.4
Cardio-vascular	7.94
Low Birth Weights	49.3
Socioeconomic Factor Indicators	—
Education	66.5
Housing	54.1
Linguistic	71.2
Poverty	43.7
Unemployment	77.1

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	40.31823431
Employed	23.22597203
Median HI	54.35647376
Education	—

Bachelor's or higher	44.23200308
High school enrollment	100
Preschool enrollment	79.96920313
Transportation	—
Auto Access	45.25856538
Active commuting	40.56204286
Social	—
2-parent households	45.09174901
Voting	70.05004491
Neighborhood	—
Alcohol availability	52.77813422
Park access	37.2770435
Retail density	8.045682022
Supermarket access	42.53817529
Tree canopy	87.74541255
Housing	—
Homeownership	63.76235083
Housing habitability	42.25587065
Low-inc homeowner severe housing cost burden	26.4724753
Low-inc renter severe housing cost burden	54.20248941
Uncrowded housing	23.82907738
Health Outcomes	—
Insured adults	56.08879764
Arthritis	0.0
Asthma ER Admissions	88.3
High Blood Pressure	0.0
Cancer (excluding skin)	0.0

Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	63.8
Cognitively Disabled	64.4
Physically Disabled	73.0
Heart Attack ER Admissions	94.8
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	91.1
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	31.0
Elderly	16.2
English Speaking	17.4
Foreign-born	85.5
Outdoor Workers	54.7
Climate Change Adaptive Capacity	—

Impervious Surface Cover	40.4
Traffic Density	96.5
Traffic Access	23.0
Other Indices	—
Hardship	65.0
Other Decision Support	—
2016 Voting	32.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	63.0
Healthy Places Index Score for Project Location (b)	48.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification

Operations: Vehicle Data	Changes according to Project Trip Rate
Operations: Energy Use	Values provided by client.
Operations: Water and Waste Water	Values provided by client.
Characteristics: Utility Information	Carbon neutrality by 2045 per SB 100

Phase 1 Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Phase 2 Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 1 Demolition	—	—	—	—
Phase 1 Demolition	Worker	15.0	18.5	LDA,LDT1,LDT2
Phase 1 Demolition	Vendor	—	10.2	HHDT,MHDT
Phase 1 Demolition	Hauling	56.1	20.0	HHDT
Phase 1 Demolition	Onsite truck	—	—	HHDT
Phase 1 Site Preparation	—	—	—	—
Phase 1 Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Phase 1 Site Preparation	Vendor	—	10.2	HHDT,MHDT
Phase 1 Site Preparation	Hauling	0.00	20.0	HHDT
Phase 1 Site Preparation	Onsite truck	—	—	HHDT
Phase 1 Building Construction and Utilities	—	—	—	—
Phase 1 Building Construction and Utilities	Worker	77.6	18.5	LDA,LDT1,LDT2
Phase 1 Building Construction and Utilities	Vendor	39.7	10.2	HHDT,MHDT
Phase 1 Building Construction and Utilities	Hauling	0.00	20.0	HHDT
Phase 1 Building Construction and Utilities	Onsite truck	—	—	HHDT
Phase 2 Interior Construction	—	—	—	—
Phase 2 Interior Construction	Worker	77.6	18.5	LDA,LDT1,LDT2

Phase 2 Interior Construction	Vendor	39.7	10.2	HHDT,MHDT
Phase 2 Interior Construction	Hauling	0.00	20.0	HHDT
Phase 2 Interior Construction	Onsite truck	—	—	HHDT
Phase 1 Paving	—	—	—	—
Phase 1 Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Phase 1 Paving	Vendor	—	10.2	HHDT,MHDT
Phase 1 Paving	Hauling	0.00	20.0	HHDT
Phase 1 Paving	Onsite truck	—	—	HHDT
Phase 1 Grading	—	—	—	—
Phase 1 Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
Phase 1 Grading	Vendor	—	10.2	HHDT,MHDT
Phase 1 Grading	Hauling	406	20.0	HHDT
Phase 1 Grading	Onsite truck	—	—	HHDT
Phase 2 Architectural Coating	—	—	—	—
Phase 2 Architectural Coating	Worker	31.0	18.5	LDA,LDT1,LDT2
Phase 2 Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Phase 2 Architectural Coating	Hauling	0.00	20.0	HHDT
Phase 2 Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Phase 2 Architectural Coating	0.00	0.00	363,600	121,200	1,600

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Phase 1 Demolition	0.00	0.00	0.00	9,871	—
Phase 1 Site Preparation	0.00	0.00	36.0	0.00	—
Phase 1 Grading	0.00	65,000	20.0	0.00	—
Phase 1 Paving	0.00	0.00	0.00	0.00	0.61

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
General Office Building	0.00	0%
Parking Lot	0.61	100%
General Office Building	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	532	0.03	< 0.005
2026	0.00	532	0.03	< 0.005
2027	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit

Temperature and Extreme Heat	16.2	annual days of extreme heat
Extreme Precipitation	5.55	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	65.7
AQ-PM	83.4
AQ-DPM	56.8
Drinking Water	85.4
Lead Risk Housing	89.3

Pesticides	36.2
Toxic Releases	81.8
Traffic	97.9
Effect Indicators	—
CleanUp Sites	68.9
Groundwater	0.00
Haz Waste Facilities/Generators	60.2
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	17.4
Cardio-vascular	7.94
Low Birth Weights	49.3
Socioeconomic Factor Indicators	—
Education	66.5
Housing	54.1
Linguistic	71.2
Poverty	43.7
Unemployment	77.1

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	40.31823431
Employed	23.22597203
Median HI	54.35647376

Education	—
Bachelor's or higher	44.23200308
High school enrollment	100
Preschool enrollment	79.96920313
Transportation	—
Auto Access	45.25856538
Active commuting	40.56204286
Social	—
2-parent households	45.09174901
Voting	70.05004491
Neighborhood	—
Alcohol availability	52.77813422
Park access	37.2770435
Retail density	8.045682022
Supermarket access	42.53817529
Tree canopy	87.74541255
Housing	—
Homeownership	63.76235083
Housing habitability	42.25587065
Low-inc homeowner severe housing cost burden	26.4724753
Low-inc renter severe housing cost burden	54.20248941
Uncrowded housing	23.82907738
Health Outcomes	—
Insured adults	56.08879764
Arthritis	0.0
Asthma ER Admissions	88.3
High Blood Pressure	0.0

Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	63.8
Cognitively Disabled	64.4
Physically Disabled	73.0
Heart Attack ER Admissions	94.8
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	91.1
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	31.0
Elderly	16.2
English Speaking	17.4
Foreign-born	85.5
Outdoor Workers	54.7

Climate Change Adaptive Capacity	—
Impervious Surface Cover	40.4
Traffic Density	96.5
Traffic Access	23.0
Other Indices	—
Hardship	65.0
Other Decision Support	—
2016 Voting	32.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	63.0
Healthy Places Index Score for Project Location (b)	48.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Square footage according to project description.
Construction: Construction Phases	Changes according to client's project construction schedule
Construction: Off-Road Equipment	anticipated construction equipment based on assumptions

Appendix H

Phase I Environmental Site Assessment

PARTNER
Engineering and Science, Inc.

More Than Just Assessments.
Solutions.



PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

1977 Saturn
1977 Saturn Street
Monterey Park, California 91755

Report Date
April 17, 2024

Site Inspection Date
April 12, 2024

Partner Project No.
24-444561.1

Prepared for:
SDFC Monterey Park, LLC
660 Steamboat Road
Greenwich, Connecticut 06830

PARTNER

April 17, 2024

Mr. Chris Flynn
SDFC Monterey Park, LLC
660 Steamboat Road
Greenwich, Connecticut 06830

Subject: Phase I Environmental Site Assessment
1977 Saturn
1977 Saturn Street
Monterey Park, California 91755
Partner Project No. 24-444561.1

Dear Mr. Flynn:

Partner Engineering and Science, Inc. (Partner) is pleased to provide this Phase I Environmental Site Assessment (Phase I ESA) report of the abovementioned address (the "subject property"). This assessment was performed in conformance with the scope and limitations as detailed in the ASTM Practice E1527-21 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and Client Agreement.

This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property ownership, site manager, and regulatory agencies. An assessment was made, conclusions stated, and recommendations outlined.

We appreciate your trust in Partner and the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at 513-315-7931.

Sincerely,



Robert Knight
National Client Manager

EXECUTIVE SUMMARY

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in accordance with the scope of work and limitations of ASTM Practice E1527-21, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and set forth by SDFC Monterey Park, LLC for the property located at 1977 Saturn Street in Monterey Park, Los Angeles County, California (the "subject property"). The Phase I Environmental Site Assessment is designed to provide SDFC Monterey Park, LLC with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the subject property.

Property Description

The subject property is located on the northern side of Saturn Street and western side of South Orange Avenue within a residential and commercial area of Los Angeles County. Please refer to the table below for a further description of the subject property:

Subject Property Data	
Address:	1977 Saturn Street, Monterey Park, California
Additional Current Address(es):	None Identified
Historical Address(es):	None Identified
Property Use:	Commercial
Land Acreage (Ac):	16.026 Ac
Number of Buildings:	Two (Main Building and Generator Building)
Number of Floors:	Main Building: Two-story; Generator Building: One-story
Gross Building Area (SF):	209,597 SF
Net Rentable Area (SF):	205,628 SF
Date of Construction:	1979
Parcel Number:	5265-026-054
Type of Construction:	Structural steel-framed
Current Tenants:	vacant, two-story, split-level commercial building for commercial use
Site Assessment Performed By:	Adrian Gutierrez of Partner
Site Assessment Conducted On:	April 12, 2024
Regulatory Radius Report Date:	April 4, 2024
Lien Search Date:	N/A
Report Date:	April 17, 2024
FOIAs Date:	April 2024

The subject property improved with a vacant, two-story, split-level commercial building for commercial use. Onsite operations consist of routine general property management and maintenance. In addition to the current structures, the subject property is also improved with a hydraulic passenger elevator, asphalt-paved parking areas, concrete-paved walkways and flatwork, four loading docks, a generator building housing an emergency diesel generator on the northern portion, a utility building housing utility service equipment on the southern portion, a three-stage clarifier on the southern exterior of the subject property building, a plugged dry hole on the southwestern portion, stormwater drainage features, and associated landscaping.

According to available historical sources, the subject property was formerly undeveloped land as early as 1894 to as late as 1976 and developed with the current structure in 1979. Tenants on the subject property

have included Lloyds Bank (1979-1984), Sanwa Bank (1986-2007), United California Bank (2002), Union California Bank (2003), FIS (2016), and Bank of the West (2008-2016).

The adjoining properties are tabulated below:

Adjoining Properties	
North:	Residential (2204 Iris Way), La Loma Park (1950 Fulton Avenue), La Loma Reservoir (1980 Clover Drive)
Northeast:	Chuy's Nursery (1996 South Orange Avenue)
East:	Across South Orange Avenue, vacant land
South:	South Saturn Street, commercial office building (1938, 1968 Saturn Street), MUFG and parking lots (1980 Saturn Street)
West:	Residential (2000 Clover Drive), commercial office building (2001 Saturn Street)

According to topographic map interpretation and a previous subsurface investigation conducted on the subject property, the physical setting features of the subject property identify the terrain as sloping to the west-southwest with the depth to groundwater in the vicinity of the subject property is inferred to be approximately 4 to 11.5 feet below ground surface (bgs) and groundwater flow inferred to be toward the west-southwest.

Findings and Opinions

Recognized Environmental Condition

A recognized environmental condition (REC) refers to the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.

- Partner did not identify any RECs during the course of this assessment.

Controlled Recognized Environmental Condition

A controlled recognized environmental condition (CREC) refers to a REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations). The following was identified during the course of this assessment:

- According to available historical sources and previous reports, the subject property, identified as BRE CA Saturn, LLC at 1977 Saturn Street, is listed as a Non-Case Information site under the regulatory oversight of the Los Angeles Regional Water Quality Control Board (RWQCB) (Case Number T10000018576). According to information made available on the State Water Resources Control Board (SWRCB) GeoTracker database, along with review of regulatory database listings and previous environmental reports, Case Number T10000018576 was previously recorded as a Leaking Underground Storage Tanks (LUST) Cleanup site in association with removal and assessment activities, conducted under the oversight of the Los Angeles County Department of Public Works (LACDPW), for three historical underground storage tanks (USTs) installed on the subject property. According to available regulatory records, building records, and previous reports two 10,000-gallon, single-walled, fiberglass, diesel fuel USTs (Tanks 1 and 2) were installed on the northern exterior of the subject property building in 1980 and one, 2,500-gallon steel double-walled, fiberglass coated, diesel fuel UST (Tank 3) was installed on the western exterior of the generator building located on the northern portion of the subject property in 1991. The three USTs operated

to supply an on-site emergency generator system associated with former tenants of the subject property.

According to a Soil Sampling Results Related to UST System Removals report prepared by AEM and dated December 7, 2018, upon removal of the USTs in 2018, soil samples and groundwater samples were collected and analyzed for total petroleum hydrocarbons as diesel (TPH-d), benzene, toluene, ethylbenzene, and xylenes (BTEX), and fuel oxygenates in accordance with modified Environmental Protection Agency (EPA) method no. 8015 (for TPH-d) and EPA method no. 5035/8260B (for BTEX and fuel oxygenates). Two detections of TPH-d were reported in a sample collected from beneath the piping system (15.2 milligrams per kilogram [mg/kg]) and at 10 feet bgs in the sidewall of the Tank 3 tank pit (10.5 mg/kg). BTEX and fuel oxygenates were not detected above their respective laboratory method reporting limits in any of the soil or groundwater samples and TPH-d was not detected above the laboratory method reporting limit in either of the groundwater samples.

On April 27, 2020, the LADCPW issued a letter to the RWQCB that indicated their review of the 2018 Soil Sampling Results Related to UST System Removals report and referral of the matter to the RWQCB for further action. According to a letter prepared by the Los Angeles RWQCB and dated June 28, 2022, based on their review of the documentation, the Los Angeles RWQCB determined that "residual concentrations of fuel constituents in the areas of the three historic USTs pose low threat to human health and the environment." Therefore, no further action was required. Furthermore, the Los Angeles RWQCB indicated that subject property "data indicated that there may be residual concentrations of pollutants in soil at the subject property that could pose an unacceptable risk as a result of future construction/redevelopment activities, and/or change to a more sensitive land use from commercial use. Responsible parties, landowners, and contractors performing subsurface activities at the site should be prepared to manage properly to avoid threats to human health or the environment."

Based on the regulatory closure, reported removal of the identified USTs, completion of assessment and remedial activities, and indicated analytical results meeting the applicable regulatory standards for commercial use, the historical USTs and closed LUST case are considered a CREC and no further investigation appears warranted at this time.

Historical Recognized Environmental Condition

A historical recognized environmental condition (HREC) refers to a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations).

- Partner did not identify any HRECs during the course of this assessment.

Business Environmental Risk

A Business Environmental Risk (BER) is a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice. The following was identified during the course of this assessment:

- Due to the age of the subject property buildings, there is a potential that asbestos-containing material (ACM) are present. Readily visible suspect ACMs were observed in good condition. Should these materials be replaced, the identified suspect ACMs would need to be sampled to confirm the

presence or absence of asbestos prior to any renovation or demolition activities to prevent potential exposure to workers and/or building occupants.

Significant Data Gaps

No significant data gaps affecting the ability of the Environmental Professional to identify a REC were encountered during this assessment.

Conclusions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-21 of 1977 Saturn Street in Monterey Park, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of RECs and HRECs in connection with the subject property; however, a CREC and BER were identified. Based on the conclusions of this assessment, Partner recommends the following:

- Partner recommends preparation of a Soil Management Plan to address potential soils with residual impacts remaining on the subject property during any future construction/redevelopment activities.

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1.0 INTRODUCTION

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Practice E1527-21 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at 1977 Saturn Street in Monterey Park, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this scope of work are described in the report.

1.1 Purpose

The purpose of this ESA is to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E1527-21) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require clean-up, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances. The information contained in the ESA Report will be used by Client to: 1) evaluate its legal and financial liabilities for transactions related to foreclosure, purchase, sale, loan origination, loan workout or seller financing; 2) evaluate the subject property's overall development potential, the associated market value and the impact of applicable laws that restrict financial and other types of assistance for the future development of the subject property; and/or 3) determine whether specific actions are required to be performed prior to the foreclosure, purchase, sale, loan origination, loan workout or seller financing of the subject property.

This ESA was performed to permit the User to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) liability (hereinafter, the "landowner liability protections," or "LLPs"). ASTM Standard E1527-21 constitutes "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B).

1.2 Scope of Work

The scope of work for this ESA is in accordance with and to the extent necessary to achieve the goal of the requirements set forth in the ASTM Standard E1527-21. This assessment included: 1) a property and adjoining site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of regulatory agency records; and 5) a review of a regulatory database report provided by a third-party vendor. Partner contacted local agencies, such as environmental health departments, fire departments and building departments to obtain readily ascertainable information to determine any current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the subject property. Additionally, Partner researched readily available information on the presence of activity and use limitations (AULs) at these agencies. As defined by ASTM E1527-21, AULs include both legal (that is, institutional) and physical (that is, engineering) controls that may include legal or physical restrictions or limitations on the use of, or access to, a site or facility: 1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil, soil vapor, groundwater, or surface water on the subject property; or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls (IC/ECs), are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil, soil vapor, groundwater, and/or surface water on a property.

If requested by Client, this report may also include the identification, discussion of, and/or limited sampling of asbestos-containing materials (ACMs), lead-based paint (LBP), mold, and/or radon.

1.3 Limitations

Partner warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the Scope of Work. These methodologies are described as representing good commercial and customary practice for conducting an ESA of a property for the purpose of identifying recognized environmental conditions. There is a possibility that even with the proper application of these methodologies there may exist on the subject property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. Partner believes that the information obtained from the record review and the interviews concerning the subject property is reliable. However, Partner cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the Client. No other warranties are implied or expressed.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This report is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

This practice does not address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provisions of the LLPs. Further, this report does not intend to address all of the compliance and safety concerns, if any, associated with the subject property.

Environmental concerns, which are beyond the scope of a Phase I ESA as defined by ASTM include the following: ACMs, LBP, radon, and lead in drinking water. These issues may affect environmental risk at the subject property and may warrant discussion and/or assessment; however, are considered non-scope issues. If specifically requested by the Client, these non-scope issues are discussed in Section 6.3.

1.4 User Reliance

SDFC Monterey Park, LLC (herein referred to as Client) engaged Partner to perform this assessment in accordance with an agreement governing the nature, scope and purpose of the work as well as other matters critical to the engagement. All reports, both verbal and written, are for the sole use and benefit of Client. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with Partner granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, Client and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such Use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

This report has been completed under specific Terms and Conditions relating to scope, relying parties, limitations of liability, indemnification, dispute resolution, and other factors relevant to any reliance on this report. Any parties relying on this report do so having accepted the Terms and Conditions for which this report was completed. A copy of Partner's standard Terms and Conditions can be found at http://www.partneresi.com/terms-and-conditions.php.

1.5 Limiting Conditions

The findings and conclusions contain all the limitations inherent in these methodologies that are referred to in ASTM Practice E1527-21.

Specific limitations and exceptions to this ESA are more specifically set forth below:

- Interviews with past or current owners, operators and occupants were not reasonably ascertainable and thus constitute a data gap. Based on information obtained from other historical sources, this data gap is not expected to alter the findings of this assessment.
- Partner requested information relative to deed restrictions and environmental liens, a title search, and completion of the AAI User Questionnaire from the Report User. This information was not provided at the time of the assessment. This data gap is not expected to alter the findings of this assessment.
- Partner was unable to determine the property use at five-year intervals, which constitutes a data gap. Except for property tax files and recorded land title records, which were not considered to be sufficiently useful, Partner reviewed all standard historical sources and conducted appropriate interviews. This data gap is not expected to alter the findings of this assessment.

Due to time constraints associated with this report, the Client has requested the report despite the above-listed limitations.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The subject property at 1977 Saturn Street in Monterey Park, California is located on the northern side of Saturn Street and western side of South Orange Avenue. According to the Los Angeles County Assessor, the subject property is legally described as *(EX OF ST) LOT 5*TR=PARCEL MAP AS PER BK 80 P 45-46 OF P M AND (EX OF ST) LOTS 1 THRU 3 AND 16 TRACT NO 33910. According to the Los Angeles County Assessor, ownership has been vested in BRE CA Saturn, LLC since 2018.

Please refer to Figure 1: Site Location Map, Figure 2: Site Plan, Figure 3: Topographic Map, and Appendix A: Site Photographs for the location and site characteristics of the subject property.

2.2 Current Property Use

The subject property improved with a vacant, two-story, split-level commercial building for commercial use. Onsite operations consist of routine general property management and maintenance. The subject property consists of a split level construction comprised of Levels A and C on the western portion and Levels B and D on the on the eastern portion In addition to the current structures, the subject property is also improved with a hydraulic passenger elevator, asphalt-paved parking areas, concrete-paved walkways and flatwork, four loading docks, a generator building housing an emergency diesel generator on the northern portion, a utility building housing utility service equipment on the southern portion, a three-stage clarifier on the southern exterior of the subject property building, a plugged dry hole on the southwestern portion, stormwater drainage features, and associated landscaping.

The subject property is designated as “Office Professional (O-P Voter Enacted)” with Innovation/Technology land use designation for commercial development by the City of Monterey Park.

The subject property was identified as a Los Angeles County- CUPA Program Records (CUPA LA COUNTY); Delisted California Environmental Reporting System Tanks (DELISTED CTNK); Delisted Leaking Storage Tanks (DELISTED LST); Delisted Storage Tanks (DELISTED TNK); Toxic Pollutant Emissions Facilities (EMISSIONS); Facility Registry Service/Facility Index (FINDS/FRS); Sites in GeoTracker (GEOTRACKER); Generators from Hazardous Waste Manifest Data (HAZ GEN); Historical Hazardous Waste Manifest Data (HIST MANIFEST); Los Angeles County - HMS List (HMS LA); RCRA Non-Generators (RCRA NON GEN); RCRA Small Quantity Generators List (RCRA SQG); Permitted Underground Storage Tank in GeoTracker (UST); and Statewide Environmental Evaluation and Planning System (UST SWEEPS) site in the regulatory database report of Section 4.2.

2.3 Current Use of Adjoining Properties

The subject property is located within a residential and commercial area of Los Angeles County. During the vicinity reconnaissance, Partner observed the land uses on adjoining properties as defined in ASTM Practice E1527-21 as any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them. The adjoining properties are tabulated below:

Adjoining Properties	
North:	Residential (2204 Iris Way), La Loma Park (1950 Fulton Avenue), La Loma Reservoir (1980 Clover Drive)
Northeast:	Chuy’s Nursery (1996 South Orange Avenue)
East:	Across South Orange Avenue, vacant land
South:	South Saturn Street, commercial office building (1938, 1968 Saturn Street), MUFG and parking lots (1980 Saturn Street)

Adjoining Properties	
West:	Residential (2000 Clover Drive), commercial office building (2001 Saturn Street)

The adjoining properties were identified as California Environmental Reporting System Tanks (CERS TANK), CUPA LA COUNTY, DELISTED TNK, EMISSIONS, FINDS/FRS, HAZ GEN, Handlers from Hazardous Waste Manifest Data (HAZNET), HIST MANIFEST, HMS LA, RCRA NON GEN, UST, UST SWEEPS, and/or DELISTED CTNK sites in the regulatory database report of Section 4.2.

2.4 Physical Setting Sources

2.4.1 Topography

The 2022 United States Geological Survey (USGS) El Monte and Los Angeles, California Quadrangle 7.5-minute series topographic map was reviewed for this ESA. According to the contour lines on the topographic map, the subject property elevation ranges from approximately 360 to 420 feet above mean sea level (MSL). The contour lines in the area of the subject property indicate the area is sloping moderately towards the west-southwest.

A copy of the most recent topographic map is included as Figure 3 of this report.

2.4.2 Hydrology

While under natural and undisturbed conditions shallow groundwater flow most frequently follows the topography of the land surface, natural or man-made features can affect flow direction, and the presumed flow may not match the actual flow directions at the subject property and vicinity. Topographic map interpretation suggests the direction of groundwater flow in the vicinity of the subject property is inferred to be toward the west-southwest.

According to a previous subsurface investigation conducted on the subject property, the depth to groundwater in the vicinity of the subject property is inferred to be approximately 4 to 11.5 feet bgs.

The nearest surface water in the vicinity of the subject property is Garvey Reservoir located approximately 0.4-mile north of the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

According to available information, a public water system operated by the Monterey Park Public Works Water Department serves the subject property vicinity. The sources of public water for the City of Monterey Park are groundwater from the Main San Gabriel Groundwater Basin (Main Basin) and water purchased from the San Gabriel Water Company, which also pumps groundwater from the Main Basin. No public supply wells were identified at the subject property of the adjoining properties. .

2.4.3 Geology/Soils

The subject property is situated within the Peninsular Ranges Physiographic Province of the State of California. The Peninsular Ranges is a series of ranges separated by northwest trending valleys, subparallel to faults branching from the San Andreas Fault. The trend of topography is similar to the Coast Ranges, but the geology is akin the Sierra Nevada, with granitic rock intruding the older metamorphic rocks. The Peninsular Ranges extend into lower California and are bounded on the east by the Colorado Desert. According to the Environmental Risk Information Services (ERIS) Physical Setting Report, the shallow subsurface directly beneath the subject property consists of Miocene to Pleistocene Pliocene marine rocks comprised of sandstone, siltstone, shale, and conglomerate.

Based on information obtained from the United States Department of Agriculture (USDA) Natural Resources Conservation Service Web Soil Survey online database, the subject property is mapped as Urban land-Montebello-Xerorthents complex and Counterfeit-Urban land complex. Urban land is described as areas where soils have been significantly altered in the past due to anthropogenic activities. The

Montebello series consists of deep, well-drained soils that are formed in human-transported materials on graded alluvial fans that originate from granitic sources. Xerorthents refers to man-modified material, including soils rearranged in a cut and fill or as tailings heaps. The Counterfeit series consists of deep soils that formed from human-transported material which originated from material weathered from calcareous sedimentary rocks. Slopes range from 0 to 35 percent.

2.4.4 Flood Zone Information

Partner performed a review of the Flood Insurance Rate Map, published by the Federal Emergency Management Agency. According to Community Panel Number 06037C1665F, dated September 26, 2008, the subject property appears to be located in Zone X (unshaded); defined as minimal risk areas outside the 1-percent and 0.2-percent-annual-chance floodplains.

A copy of the reviewed flood map is included in Appendix B of this report.

3.0 HISTORICAL INFORMATION

Partner obtained historical use information about the subject property from a variety of sources. A chronological listing of the historical data found is summarized in the table below:

Historical Use Information		
Years	**Resource**	**Description/Use**
1894-1976	Aerial Photographs, Previous Report, Topographic Maps	Undeveloped land
1979-Present	Aerial Photographs, Building Records, City Directories, Client-Provided Information, Los Angeles County Assessor Records, Previous Report, Site Observations	Commercial

Tenants on the subject property have included Lloyds Bank (1979-1984), Sanwa Bank (1986-2007), United California Bank (2002), Union California Bank (2003), FIS (2016), and Bank of the West (2008-2016).

Partner's review of historical documentation, agency records, and previous reports indicates that the subject property was historically occupied by a printing facility/micro-film laboratory from as early as 1982 to an unknown date (likely 2016, according to generated regulated hazardous waste on-site documented on the California Department of Toxic Substances Control [DTSC]- Hazardous Waste Tracking System [HWTS] database). Based on the operation during a time of stringent regulatory oversight, lack of violations or compliance deficiencies noted, and lack of information indicating an unauthorized release of hazardous materials, the historical use of the subject property as a printing facility/micro-film laboratory is not considered to represent a significant environmental concern and no further investigation appears warranted.

Potential environmental concerns were identified in association with the former use of the subject property, as further discussed in Sections 3.3 and 4.0.

3.1 Aerial Photograph Review

Partner obtained available aerial photographs of the subject property and surrounding area from Environmental Risk Information Services (ERIS). The inferred uses of the subject property and adjoining properties as interpreted from the aerial photographs in Appendix B are tabulated below:

Date:	***1927, 1938, 1948***	***Scale:***	***1"=500'***
Subject Property:	Appears to be undeveloped land with an apparent channel stream and unpaved road are visible on the southern section		
North:	Appears to be undeveloped land		
Northeast:	Appears to be undeveloped land		
East:	Appears to be undeveloped land		
South:	Appears to be undeveloped land		
West:	Appears to be undeveloped land		

Date:	1956, 1964	Scale:	1"=500'
Subject Property:	No significant changes visible		
North:	Appears to be developed with the current residential structure on the eastern section and one of the two current water tanks on the eastern section		
Northeast:	Appears to be undeveloped land with an apparent channel		
East:	No significant changes visible		
South:	No significant changes visible		
West:	Appears to be developed with the current residential structure on the northern section		

Date:	1972, 1976	Scale:	1"=500'
Subject Property:	No significant changes visible		
North:	Appears to be developed with the current park on the central section		
Northeast:	No significant changes visible		
East:	No significant changes visible		
South:	No significant changes visible		
West:	No significant changes visible		

Date:	1987, 1994	Scale:	1"=500'
Subject Property:	Appears to be developed with the current commercial structure on the central section and parking areas on the remaining areas		
North:	No significant changes visible		
Northeast:	Appears to be agricultural land		
East:	No significant changes visible		
South:	Appears to be developed with the current commercial structure and parking areas on the central and western sections across Saturn Street		
West:	Appears to be developed with the current commercial structure		

Date:	2005	Scale:	1"=500'
Subject Property:	No significant changes visible		
North:	Appears to be developed with the second current water tank on the eastern section		
Northeast:	No significant changes visible		
East:	No significant changes visible		
South:	No significant changes visible		
West:	No significant changes visible		

Date:	2009, 2010, 2012, 2014, 2016, 2018, 2021	Scale:	1"=500'
Subject Property:	No significant changes visible		
North:	No significant changes visible		
Northeast:	No significant changes visible		
East:	No significant changes visible		
South:	Appears to be developed with the current commercial structure on the eastern section across Saturn Street		

Date:	2009, 2010, 2012, 2014, 2016, 2018, 2021	Scale:	1"=500'
West:	No significant changes visible		

Copies of select aerial photographs are included in Appendix B of this report.

3.2 Fire Insurance Maps

Partner reviewed the collection of Fire insurance maps (FIMS) from ERIS. FIM coverage was not available for the subject property.

A copy of the no coverage letter is included in Appendix B of this report.

3.3 City Directories

Partner reviewed historical city directories obtained from ERIS for past names and businesses that were listed for the subject property and adjoining properties. The findings are tabulated below:

City Directory Search for 1977 Saturn St (Subject Property)	
Year(s)	**Occupant Listed**
1985	XXXX
2003	United California Bank
2008	Bank of the West
2011	Bank of the West
2016	Atm, F I S, Bank of the West

** XXXX= A phone number is present but is not registered to a tenant or is disconnected*

Based on the city directory review, no environmentally sensitive listings were identified for the subject property address.

City Directory Search for 2000 Clover Dr (Adjoining Property)	
Year(s)	**Occupant Listed**
1963	Baker Ernest C
1970	Menges Roger C
1972	Menges Roger
1975	Officer Ronald
1979	Okazaki Mas
1985	Okazaki Mas
1990	Okazaki Mas
1995 96	Okazaki Mas
2000 01	Okazaki Ben, Okazaki Mas
2003	Mas Okazaki
2008	Ben Okazaki, Mas Okazaki
2016	Mas Okazaki, Catalina Kamimura, Benjamin Okazaki
2020	Benjamin Okazaki, Catalina Kamimura
2022	Benjamin Okazaki
City Directory Search for 1980 Saturn St (Adjoining Property)	
Year(s)	**Occupant Listed**

1990	Dataserv Cmpta Mntc
1995 96	XXXX
2000 01	XXXX
2008	Bank One Uboc Primary, Union Bank California Na, Eads Telecom North America, Investment Development Svcs
2016	Union Bank, Union Bank Atm
2020	Union Bank
2022	Union Bank
City Directory Search for 2001 Saturn St (Adjoining Property)	
Year(s)	**Occupant Listed**
2000 01	Tyler Trafficante Inc

** XXXX= A phone number is present but is not registered to a tenant or is disconnected*

Based on the city directory review, no environmentally sensitive listings were identified for the adjoining property addresses.

Copies of reviewed city directories are included in Appendix B of this report.

3.4 Historical Topographic Maps

Partner reviewed historical topographic maps obtained from ERIS. The following inferred uses of the subject property and adjoining properties interpreted from topographic maps in Appendix B and are tabulated below:

Date:	*1894, 1896, 1900, 1924*
Subject Property:	Depicted as undeveloped land
North:	Depicted as undeveloped land
Northeast:	Depicted as undeveloped land
East:	Depicted as undeveloped land
South:	Depicted as undeveloped land
West:	Depicted as undeveloped land

Date:	*1926, 1953*
Subject Property:	Depicted with a narrow wash on the southern section
North:	No significant changes depicted
Northeast:	Depicted with a narrow wash on the central section
East:	No significant changes depicted
South:	No significant changes depicted
West:	Depicted with roads

Date:	1966, 1972, 1981, 1991, 1994
Subject Property:	No significant changes depicted
North:	Depicted with a water tank on the central section and shaded to depict urban development on the western section
Northeast:	Previously depicted narrow wash is no longer depicted
East:	No significant changes depicted
South:	No significant changes depicted
West:	Shaded to depict urban development and depicted as developed with a commercial building on the southern section by 1991

Date:	2015, 2018, 2022
Subject Property:	Improvements, with the exception of roadways and landmark features, are not depicted
North:	Improvements, with the exception of roadways and landmark features, are not depicted
Northeast:	Improvements, with the exception of roadways and landmark features, are not depicted
East:	Improvements, with the exception of roadways and landmark features, are not depicted
South:	Improvements, with the exception of roadways and landmark features, are not depicted
West:	Improvements, with the exception of roadways and landmark features, are not depicted

Copies of reviewed topographic maps are included in Appendix B of this report.

4.0 REGULATORY RECORDS REVIEW

4.1 Regulatory Agencies

State Department

Regulatory Agency Data	
Name of Agency:	California Environmental Protection Agency (CalEPA)
Point of Contact:	https://siteportal.calepa.ca.gov/nsite/map/help
Agency Address:	1001 I Street, Sacramento, California 95814
Agency Phone Number:	(916) 323-2514
Date of Contact:	April 8, 2024
Method of Communication:	Online Research
Summary of Communication: The CalEPA Regulated Site Portal is a database and interactive map, which combines information from multiple state and federal data sources. The database provides an overview of regulated equipment, materials and activities for each site, such as underground and aboveground storage tanks, hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and/or toxic materials. The subject property is not identified on the CalEPA Regulated Site Portal as a regulated site.	

Health Department

Regulatory Agency Data	
Name of Agency:	Los Angeles County Public Health Investigation (LACPHI)
Point of Contact:	http://publichealth.lacounty.gov/phi/
Agency Address:	5555 Ferguson Drive, Commerce, California 90022
Agency Phone Number:	(323) 890-7806
Date of Contact:	April 8, 2024
Method of Communication:	Email
Summary of Communication: No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the LACPHI.	

Fire Department

Regulatory Agency Data	
Name of Agency:	Los Angeles County Fire Department (LACFD)
Point of Contact:	https://www.fire.lacounty.gov/hhmd/public-records-requests/
Agency Address:	1320 North Eastern Avenue, Los Angeles, California 90063
Agency Phone Number:	(323) 267-7217
Date of Contact:	April 8, 2024
Method of Communication:	Online Request Form
Summary of Communication: According to a search of available information, the subject property, identified as 1977 Saturn at 1977 Saturn Street, is listed on a CUPA Inactive Facility Inventory List under Facility ID Number FA0024090, CERS ID Number 10268983, and PE Numbers 7124, 1001, and 3002. The reviewed document on file with the LACFD, in association with 1977 Saturn, was an Inspection Report summarizing an inspection	

conducted on July 1, 2015. According to notes indicated in the report, Bank of the West, moved from the subject property in 2015 and no hazardous waste was observed to be left at the building premises. In addition, hazardous material and hazardous program elements associated with Bank of the West were reported to be inactivated.

Building Department

Regulatory Agency Data	
Name of Agency:	City of Monterey Park Community Development Department-Building and Safety Division / City of Monterey Park - City Clerk
Point of Contact:	https://aca-prod.accela.com/MONTEREYPARK/Default.aspx
Agency Address:	320 West Newmark Avenue, Monterey Park, California 91754
Agency Phone Number:	(626) 307-1300
Date of Contact:	April 8, 2024
Method of Communication:	Online Research
Summary of Communication: Records were available for review, as further discussed in the following table.	

Building Records Reviewed for 1977 Saturn Street (Subject Property)		
Year(s)	**Owner/Applicant**	**Description**
1979	Lloyds Bank California	New construction of an office building
1980	Lloyds Bank California	New construction of an office building
1980	Lloyds Bank	Installation of sprinklers above a fuel oil line
1980	Lloyds Bank of California	Installation of a sewer connection
1982	Lloyds Bank	Installation of interior partition walls for a micro-film photo laboratory
1983	Lloyds Bank California	Wall relocation and building alteration work
1984	Lloyds Bank	Interior partitions and second floor office wall extensions
1986	Sanwa Bank of California	Office rearrangement and installation of non-bearing partitions
1987	Sanwa Bank	Remodeling of interior walls
1987	Sanwa Bank California	Installation of a 1,500-gallon grease interceptor
1988	Sanwa Bank	Installation of one outlet for a commercial grease interceptor
1991	Sanwa Bank California	New construction of a 4,000-square foot utility building
1993	Sanwa Bank	Installation of nonbearing partitions
1994	Sanwa Bank of California	Rooftop structural reinforcement for seismic
1995	Sanwa Bank	Demolition and construction of non-bearing partitions
2004	Sanwa Bank	Reroof work
2007	Sanwa Bank	Replacement of diesel lines for a generator
2012	1977 Saturn, LLC	205,628-square foot administrative office, Occupancy Group B, Construction Type I-A
2018	1977 Saturn, LLC	Interior demolition
2018	1977 Saturn, LLC	Interior demolition
2020	1977 Saturn, LLC	Generator replacement

2021	1977 Saturn, LLC	Interior demolition
2021	1977 Saturn, LLC	Interior demolition

Building Records Reviewed for 2001 Saturn Street (Adjoining Property)		
Year(s)	**Owner/Applicant**	**Description**
1977	Not Applicable	Install fire sprinklers
1977	LA Stewart Developers	Plumbing permit
1977	Western Electric	Electrical permit
1977	JA Stewart Con	Electrical permit
1977	JA Stewart Development Co	HVAC installation
1977	Not Applicable	Install racks
1978	Not Applicable	Install flagpole
1998	Near Cal Corp	Structural repairs per water damage
2004	Union Bank of California	Demolish interior partitions and ceiling
2004	Near Cal Corp	Interior alterations
2004	Near Cal Corp	Electrical related to addition
2004	Near Cal Corp	Mechanical related to addition
2004	Near Cal Corp	Plumbing related to addition
2004	Near Cal Corp	Temporary power pole
2004	Near Cal Corp	Office tenant improvements
2005	Union Bank of California	Certificate of occupancy for financial institution
2005	Near Cal Corp	Interior tenant improvements
2005	Near Cal Corp	Mechanical for office interior improvements
2005	Near Cal Corp	New storage building
2005	Near Cal Corp	Temporary power pole
2005	Near Cal Corp	Mechanical improvements
2005	Near Cal Corp	Electrical alterations for new UPS system
2005	Near Cal Corp	Mechanical improvements for first floor
2006	Near Cal Corp	Interior tenant improvements
2006	Union Bank of California	New non-bearing wall
2007	Union Bank of California	Relocate office to new location
2023	Like Dreams	Square footage addition and tenant improvements

Planning Department

Regulatory Agency Data	
Name of Agency:	City of Monterey Park Community Development Department-Planning Division
Point of Contact:	https://www.montereypark.ca.gov/543/Zoning-Information---Development-Standard
Agency Address:	320 West Newmark Avenue, Monterey Park, California 91754
Agency Phone Number:	(626) 307-1315
Date of Contact:	April 8, 2024
Method of Communication:	Online Research
Summary of Communication: According to reviewed online documents, the subject property is zoned as "Office Professional (O-P Voter Enacted)" with Innovation/Technology land use designation for McCaslin Business Park development by the City of Monterey Park	

Oil & Gas Exploration

Regulatory Agency Data	
Name of Agency:	California Geologic Energy Management Division (CalGEM)
Point of Contact:	https://maps.conservation.ca.gov/doggr/wellfinder/#/-118.94276/37.10257/6
Agency Address:	715 P Street, MS 1900, Sacramento, California 95814
Agency Phone Number:	(916) 322-1080
Date of Contact:	April 8, 2024
Method of Communication:	Online Research
Summary of Communication: According to available information, one dry hole (Wellbore Number 040372012-00) was installed on the southwestern portion of the subject property. A Report of Well Abandonment prepared by CalGEM and dated August 9, 1967 was available for review. According to the report, the dry hole was installed to a total depth of 7,920 feet and was not used to produce oil or gas. Furthermore, on July 20, 1967, the dry hole was plugged to a depth of 3,550 feet and abandoned. CalGEM indicated that their review of associated reports and records determined that all requirements relative to plugging and abandonment of the well, removal of the well equipment and junk, and filling of the well records were fulfilled. As such, the plugged dry hole is not expected to represent a significant environmental concern. The subject property is not mapped within the boundary of a designated oil field.	

Assessor's Office

Regulatory Agency Data	
Name of Agency:	Los Angeles County Office of the Assessor (LACA)
Point of Contact:	https://assessor.lacounty.gov/
Agency Address:	500 West Temple Street, Los Angeles, California 90012
Agency Phone Number:	(916) 322-1080
Date of Contact:	April 8, 2024
Method of Communication:	Online Research
Summary of Communication:	

According to records reviewed, the subject property is identified by Assessor Parcel Number (APN) 5265-026-054. The current building was constructed in 1979 and totals approximately 205,628 square feet. No additional information was provided by the agency.

Air Pollution Control Agency

Regulatory Agency Data	
Name of Agency:	South Coast Air Quality Management District (AQMD)
Point of Contact:	http://www.aqmd.gov/nav/FIND
Agency Address:	21865 Copley Drive, Diamond Bar, California 91765
Agency Phone Number:	(909) 396-2000
Date of Contact:	April 8, 2024
Method of Communication:	Online Research

Summary of Communication:

According to a search of available information, the subject property, identified as Bank of the West, at 1977 Saturn Street, was recorded under Facility ID Number 63620. Although the status of the facility is indicated as "Active," observations made during Partner's site reconnaissance indicate that Bank of the West no longer occupies the subject property; therefore, the status is likely incorrect. Under the recorded Facility ID Number, the subject property was issued Permits to Operate (PTOs) for various equipment:

- On March 1, 1989, Sanwa Bank California (currently known as Bank of the West) was issued PTOs for two 10,000-gallon, diesel USTs (Permit Numbers: D06057 and D06058; Permit Statuses: Inactive) and one natural gas boiler (Permit Number: D06059; Permit Status: Inactive).
- On May 22, 1989, Sanwa Bank California was issued PTOs for two diesel-fueled emergency electrical generators (Permit Numbers: D07828 and D07831; Permit Status: Inactive).
- On September 17, 1990, Bank of the West was issued a PTO for a natural gas charbroiler (Permit Number: D27227; Permit Status: Inactive).
- On May 3, 1991, Bank of the West was issued a PTO for a 2,000-gallon, diesel-fuel UST (Permit Number: D38071; Permit Status: Inactive).
- On August 6, 1992, Bank of the West was issued PTOs for three diesel-fueled emergency electrical generators (Permit Numbers: D59892, D59893, and D59829; Permit Statuses: Inactive).
- On January 1, 2001, Bank of the West was issued PTOs for three diesel-fueled emergency electrical generators (Permit Numbers D5982, D59892, and D59893; Permit Statuses: Unknown).
- In addition, on July 24, 2008, Bank of the West was issued a Notice to Comply (NTC) for failure to submit Rule 1415 registration for all refrigerant units greater than 50 pounds along with a work site filing fee by the appropriate deadline. The NTC was subsequently returned to compliance following re-evaluation on August 22, 2008.

Regional Water Quality Agency

Regulatory Agency Data	
Name of Agency:	State Water Resources Control Board (SWRCB)
Point of Contact:	https://geotracker.waterboards.ca.gov/
Agency Address:	1001 I Street, Sacramento, California 95814
Agency Phone Number:	(213) 576-6600
Date of Contact:	April 8, 2024
Method of Communication:	Online Research

Summary of Communication:

According to available information, the subject property, identified as BRE CA Saturn, LLC at 1977 Saturn Street, is listed as a Non-Case Information site under the regulatory oversight of the Los Angeles Regional Water Quality Control Board (RWQCB) (Case Number T10000018576). According to information made available on the SWRCB GeoTracker database, along with review of regulatory database listings and previous reports, Case Number T10000018576 was previously recorded as a Leaking Underground Storage Tanks (LUST) Cleanup site in association with removal and assessment activities for three historical USTs installed on the subject property conducted under the oversight of the LACDPW in 2018. For further discussion of procedures completed with respect to the three historic USTs as well as additional assessment activities dating back to 2006, refer to Section 5.2.6. Pertinent information from documents made available on the SWRCB GeoTracker database under Case Number T10000018576 is summarized below:

- According to a letter prepared by the LACDPW and dated April 27, 2020, the LACDPW reviewed a Soil Sampling Results Related to UST System Removals report prepared by AEM and dated December 7, 2018, which is further discussed in Section 5.2.6. As the California RWQCB is the lead agency for the subject property mitigation, the LACDPW indicated that they have referred the matter to the said agency.
- According to a letter prepared by the Los Angeles RWQCB and dated June 28, 2022, based on their Los Angeles RWQCB's review of a submitted document from the LACDPW, the aforementioned Soil Sampling Results Related to UST System Removals report, the Los Angeles RWQCB determined that "residual concentrations of fuel constituents [in the areas of the three historic USTs] pose low threat to human health and the environment." Therefore, no further action was required at the time of the 2022 letter. Furthermore, the Los Angeles RWQCB indicated that subject property "data indicated that there may be residual concentrations of pollutants in soil at the subject property that could pose an unacceptable risk as a result of future construction/redevelopment activities, and/or change to a more sensitive land use from commercial use. Responsible parties, landowners, and contractors performing subsurface activities at the site should be prepared to manage properly to avoid threats to human health or the environment.'"

As of June 28, 2022, the status of the subject property Non-Case Information listing (Case Number T10000018576) is reported to be "Informational Item/Review Complete."

Department of Toxic Substances Control

Regulatory Agency Data	
Name of Agency:	California Department of Toxic Substances Control (DTSC)
Point of Contact:	http://www.envirostor.dtsc.ca.gov/public/
Agency Address:	1001 I Street, Sacramento, California 95814
Agency Phone Number:	(916) 323-7811
Date of Contact:	April 8, 2024
Method of Communication:	Online Research

Summary of Communication:

The EnviroStor database is the DTSC's data management system for tracking cleanup, permitting, enforcement, and investigation efforts at hazardous waste facilities and sites with known contamination or sites where there may be reason to investigate further. No records were identified for the subject property address on the EnviroStor database.

The web based DTSC Hazardous Waste Tracking System (HWTS) was researched for hazardous waste manifest data submitted to the California DTSC. According to available information, the subject property was issued Environmental Protection Agency (EPA) Handler ID Numbers for the generation of regulated hazardous and non-hazardous waste. For further details, refer to Section 4.2.2.

County Department of Public Works

Regulatory Agency Data	
Name of Agency:	Los Angeles County Department of Public Works (LACDPW)
Point of Contact:	https://ladpw.org/epd/cleanla/OpenFileReview.aspx
Agency Address:	900 South Fremont Avenue, Alhambra, California 91803
Agency Phone Number:	(626) 458-5100
Date of Contact:	April 8, 2024
Method of Communication:	Online Research

Summary of Communication:

According to available information, five File Numbers associated with subject property are on file with the LACDPW. Notable information from reviewed available documents is summarized below:

- Bank of the West is recorded under File Numbers 006994-007311 and 006994-I07311. Records filed under File Number 006994-I07311, if any, were not readily available for review. Reviewed records on file under File Number 006994-007311 included various UST integrity and compliance documents prepared between 2009 and 2014 in association with three historical USTs installed on the subject property including Monitoring System Certifications, Secondary Containment Testing Report Forms, a UST Monitoring Plan, Owner Statements of Designated UST Operators, a Storage Tank Certificate of Insurance, UST Inspection Reports, and a 2014 Notice of Violation (NOV) pertaining to missing results from a secondary containment test.
- 1977 Saturn is recorded under File Number 006994-062151. Reviewed records included various UST integrity compliance documents prepared between 2016 and 2017 in association with three historical USTs installed on the subject property including UST Inspection Reports, a Monitoring System Certification, and a Secondary Containment Re-Test Report Form. In addition, NOVs were issued in 2016 and 2017 pertaining to missing test results and compliance documents and recommendations to perform compliance tests. Furthermore, a Closure Authorization for Hazardous Substance USTs was issued on October 25, 2018 to Equity Office

for permanent removal of on-site USTs.

- BRE CA Saturn, LLC is recorded under File Number 006994-065226. In addition to previously discussed documents in Section 4.1.5 and a 2018 Soil Sampling Results Related to UST System Removals report further discussed in Section 5.2.6., reviewed documents included an NOV issued in 2019 pertaining to submission of required documents and items to the California Environmental Report System (CERS).
- 1977 Saturn Street is recorded under File Number 006994-065372. On July 3, 2018, 1977 Saturn Street was issued an Industrial Waste Disposal Permit (Permit Number 865772) for a 1,500-gallon three-stage clarifier, also known as a grease interceptor, located on the southern exterior of the subject property building. In 2019, 1977 Saturn Street was issued a NOV pertaining to excessive oil/grease/solids and/or prohibited substances in the Industrial Waste Treatment Facility (IWTF) and failure to provide the most recent pumping records/manifest of the IWTF.

Copies of pertinent documents are included in Appendix B of this report.

4.2 Mapped Database Records Search

The regulatory database report provided by ERIS documents the listing of sites identified on federal, state, county, city, and tribal (when applicable) standard source environmental databases within the approximate minimum search distance (AMSD) specified by ASTM Practice E1527-21. The data from these sources are updated as these data are released and integrated into one database. The information contained in this report was compiled from publicly available sources.

The environmental database information is used to identify environmental concerns in connection with the subject property. The listings also serve to identify the known indications of the storage, use, generation, disposal, or release of hazardous substance at the subject property and the potential for contaminants to migrate onto the subject property from off-site sources in groundwater or soil in the form of liquids or vapor.

Using the ASTM definition of migration, Partner considers the migration of hazardous substances or petroleum products in any form onto the subject property during the evaluation of each site listed on the radius report, which includes solid, liquid, and vapor.

4.2.1 Regulatory Database Summary

The following table lists the sites as categorized by the regulatory database within the prescribed AMSD. The locations of the sites are plotted utilizing a geographic information system, which geocodes the site addresses. The accuracy of the geocoded locations is approximately +/-300 feet.

Database Report Data				
Database	**AMSD Radius (mile)**	**Listings Identified**		
		Subject Property	**Adjoining Properties**	**Surrounding Area Sites of Concern**
Federal NPL	1.00	N	N	N
Delisted NPL Site	0.50	N	N	N
Federal SEMS Site	0.50	N	N	N
Federal SEMS-ARCHIVE	0.50	N	N	N
Federal RCRA CORRACTS Facility	1.00	N	N	N
Federal RCRA TSDF Facility	0.50	N	N	N
Federal RCRA Generators Site (LQG, SQG, VSQG, CESQG)	Subject and Adjoining	**Y**	**Y**	N

Database Report Data				
Database	AMSD Radius (mile)	Listings Identified		
		Subject Property	Adjoining Properties	Surrounding Area Sites of Concern
Federal IC/EC Registries	Subject Property	N	N	N
Federal ERNS Site	Subject Property	N	N	N
State/Tribal Equivalent NPL	1.00	N	N	N
State/Tribal Equivalent CERCLIS	1.00	N	N	N
State/Tribal Landfill/Solid Waste Disposal Site	0.50	N	N	N
State/Tribal Leaking Storage Tank Site (LUST/LPST)	0.50	**Y**	N	N
State/Tribal Registered Storage Tank Sites (UST/AST)	Subject and Adjoining	**Y**	**Y**	N
State/Tribal IC/EC Registries	Subject and Adjoining	N	N	N
State/Tribal Voluntary Cleanup Sites (VCP)	0.50	N	N	N
State/Tribal Spills	0.25	N	N	N
Federal Brownfield Sites	0.50	N	N	N
State Brownfield Sites	0.50	N	N	N
Other Databases	Varies	**Y**	**Y**	N

4.2.2 Subject Property Listings

The subject property is identified as a CUPA LA COUNTY, DELISTED CTNK, DELISTED LST, DELISTED TNK, EMISSIONS, FINDS/FRS, GEOTRACKER, HAZ GEN, HIST MANIFEST, HMS LA, RCRA NON GEN, RCRA SQG, UST, and UST SWEEPS site in the regulatory database report, as discussed below:

Subject Property Database Listing	
Database:	CUPA LA COUNTY, DELISTED CTNK, HMS LA, UST
Site Name:	1977 Saturn; 1977 Saturn Street
Address:	1977 Saturn Street
Substance In-volved:	One, 2,000-gallon diesel UST Two 10,000-gallon diesel USTs
Years of Operation:	1980 (two, 10,000-gallon diesel USTs installed) to 2018 (two, 10,000-gallon diesel USTs removed) 1991 (one, 2,000-gallon diesel UST installed) to 2018 (one, 2,000-gallon die-sel UST removed)
Status:	Inactive

Discussion:	According to the CUPA LA COUNTY listing, 1977 Saturn is listed under Facility ID Number FA0024090, CERS ID Number 10268983, and PE Numbers 1001, 7124, and 3002 as an inactive CUPA program facility that is out of business and/or no longer regulated by the HHMD of the LACoFD. For further discussion of a reviewed record on file with the LACoFD in association with this listing, refer to Section 4.1.3. The HMS LA listing indicates that 1977 Saturn/1977 Saturn Street is listed under Site Number 006994 in the LACDPW Hazardous Materials System (HMS) Database. 1977 Saturn/1977 Saturn Street is recorded under File Numbers 062151 and 065372 and was issued a UST Operating Permit (Permit Number: 000842830; Permit Status: Closed) and an Operating Industrial Waste Permit for discharge to the local sewer (Permit Number: 000895772; Permit Status: Equipment Permitted). For further discussion of reviewed records on file with the LACDPW in association with this listing, refer to Section 4.1.11. The DELISTED CTNK and UST listings indicate that 1977 Saturn is recorded under Site ID Number 10890 and Facility ID Number LACoFA0024090 on a list of AST and UST sites that were removed from the CalEPA Regulated Site Portal and was issued permits to operate three USTs. For further discussion of the historical use of the subject property as a banking data center, in conjunction with the operations of three formerly on-site USTs, and respective environmental concerns, refer to Sections 3.0, 4.1, and 5.2.6.

Subject Property Database Listing	
Database:	DELISTED TNK, EMISSIONS, FINDS/FRS, HAZ GEN, HIST MANIFEST, HMS LA, RCRA SQG, UST SWEEPS
Site Name:	Sanwa Bank; Sanwa Bank California; Bank of the West
Address	1977 Saturn Street
Substance Involved:	One, 2,000-gallon petroleum UST Two waste USTs (unknown capacity)
Years of Operation:	1989 to 2016 (hazardous waste generation)
Status:	Inactive
Discussion:	According to the two EMISSIONS listings, Sanwa Bank/Sanwa Bank California is listed under Facility ID Number 63620 and SIC Code 6021 (National Commercial Banks) on a list of criteria and toxic pollutant emissions data for facilities in California made available by the CalEPA - Air Resources Board (ARB). Recorded years for Criteria Data and Toxic Data ranged from 1990 to 1995; however, further details regarding types of quantities of pollutants emitted were not made available. The FINDS/FRS listing indicates that Bank of the West is listed as a facility subject to environmental regulations under Registry ID Number 110065977090 and the interest type of "state master." According to the HMS LA listing, Bank of the West is listed under Site Number 006994 in the LACDPW HMS Database. Bank of the West is recorded under File Numbers 007311 and I07311 and was issued a UST Operating Permit (Permit Number: 00005594T; Permit Status: Closed) and an Operating Industrial Waste Permit for discharge to the local sewer (Permit Number: 000009804; Permit Status: Closed). For further discussion of reviewed records on file with the LACDPW in association with this listing, refer to Section 4.1.11. According to the HAZ GEN, HIST MANIFEST, and RCRA SQG listings, coupled with information from the California DTSC HWTS database, Sanwa Bank California/Bank of

	the West was issued EPA Handler ID Number CAD982463895 to generate regulated hazardous waste from June 1989 to June 2016, when the issued EPA Handler ID Number expired. Reported quantities of waste generated ranged from 0.08-tons (2007) to 1.06-tons (1994). As of January 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with the Sanwa Bank California/Bank of the West (EPA Handler ID Number CAD982463895). The DELISTED TNK and UST SWEEPS listings indicate that Sanwa Bank is recorded under Facility ID Number 7311 and CC Number A19-000-7311 on a list of storage tank sites that were removed by the SWRCB and was issued permits to operate three USTs. Although the UST SWEEPS listing indicates that two waste USTs are of unknown capacity, the features are likely in reference to the aforementioned two, 10,000-gallon diesel USTs associated with the UST listing for 1977 Saturn. For further discussion of the historical use of the subject property as a banking data center, in conjunction with the operations of three formerly on-site USTs, and respective environmental concerns, refer to Sections 3.0, 4.1, and 5.2.6.

Subject Property Database Listing	
Database:	FINDS/FRS
Site Name:	United CA Bank
Address	1977 Saturn Street
Substance Involved:	Not reported
Years of Operation:	Not reported
Status:	Inactive
Discussion:	The FINDS/FRS listing indicates that United CA Bank is listed as a facility subject to environmental regulations under Registry ID Number 110018947773 and the interest type of "small quantity generator and state master." For further discussion of the historical use of the subject property as a banking data center, in conjunction with the operations of three formerly on-site USTs, and respective environmental concerns, refer to Sections 3.0, 4.1, and 5.2.6.

Subject Property Database Listing	
Database:	FINDS/FRS, RCRA NON GEN
Site Name:	Equity Office
Address	1977 Saturn Street
Substance Involved:	Tank bottom waste
Years of Operation:	2018 to 2019 (non-hazardous waste generation)
Status:	Inactive
Discussion:	The FINDS/FRS listing indicates that Equity Office is listed as a facility subject to environmental regulations under Registry ID Number 110070439637 and the interest type of "other hazardous waste activities." According to the RCRA NON GEN listing, coupled with information from the California DTSC HWTS database, Equity Office was issued EPA Handler ID Number CAC002986628 to generate regulated non-hazardous waste from October 2018 to January 2019, when the issued EPA Handler ID Number expired. A 2018 Uniform Hazardous Waste Manifest listing made

	available on the DTSC HWTS database indicates that 4.17 tons of non-RCRA hazardous waste liquid (water with trace hydrocarbons) was removed from the subject property for disposal. As of January 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with Equity Office (EPA Handler ID Numbers CAC002986628). Based on the observed and reported inactive status of the facility, limited duration of hazardous waste generation, and the nature of the generated waste, these listings are not expected to represent an environmental concern.

Subject Property Database Listing	
Database:	HAZ GEN, HMS LA
Site Name:	BRE CA Saturn, LLC; BRE CA Office Owner, LLC
Address	1977 Saturn Street
Substance Involved:	Tank bottom waste
Years of Operation:	2016 to 2017 (hazardous waste generation)
Status:	Inactive
Discussion:	According to the HAZ GEN listing, coupled with information from the California DTSC HWTS database, BRE CA Office Owner, LLC was issued EPA Handler ID Number CAC002886409 to generate regulated hazardous waste from November 2016 to February 2017, when the issued EPA Handler ID Number expired. A 2018 Uniform Hazardous Waste Manifest listing made available on the DTSC HWTS database indicates that 1.88-tons of non-RCRA hazardous waste liquid (water with trace hydrocarbons) was removed from the subject property for disposal. The HMS LA listing indicates that BRE CA Saturn, LLC is listed under Site Number 006994 in the LACDPW HMS Database. BRE CA Saturn, LLC is recorded under File Number 065226 and was issued a UST Operating Permit (Permit Number: 000892942; Permit Status: Equipment Removed). For further discussion of reviewed records on file with the LACDPW in association with this listing, refer to Section 4.1.11. For further discussion of the historical use of the subject property as a banking data center, in conjunction with the operations of three formerly on-site USTs, and respective environmental concerns, refer to Sections 3.0, 4.1, and 5.2.6.

Subject Property Database Listing	
Database:	GEOTRACKER, LUST
Site Name:	BRE CA Saturn, LLC
Address	1977 Saturn Street
Date of Release:	2018
Substance Released:	Gasoline
Media Impacted:	Soil
Date of Closure:	June 28, 2022
Responsible Party:	BRE CA Saturn, LLC
Status:	Closed
Discussion:	According to the GEOTRACKER listing the subject property, identified as BRE CA Saturn, LLC at 1977 Saturn Street, is listed as a Non-Case Information site under the regulatory

	oversight of the Los Angeles Regional Water Quality Control Board (RWQCB) (Case Number T10000018576). In association with historical operations, two 10,000-gallon, single-walled, fiberglass, diesel fuel USTs (Tanks 1 and 2) were installed at the subject property in 1980 and one, 2,000-gallon steel double-walled, fiberglass coated, diesel fuel UST (Tank 3) was installed in 1991. Case Number T10000018576 was previously recorded as a Leaking Underground Storage Tanks (LUST) Cleanup site in association with removal of the three historical USTs on the subject property conducted under the oversight of the LACDPW in 2018. The subject property subsequently underwent site assessment activities and, after a review of analytical results, the Los Angeles RWQCB opined that no further action was required for the UST areas. As of June 28, 2022 the status of the subject property is indicated to be "Informational Item/Review Complete." For further discussion of procedures completed with respect to the Non-Case Information listing (formerly a LUST Cleanup Site listing) and a timeline that summarizes overall assessment and remedial procedures performed on the subject property dating back to 2006, refer to Section 5.2.6.

4.2.3 Adjoining Property Listings

The adjoining properties were identified as CERS TANK, CUPA LA COUNTY, DELISTED TNK, EMISSIONS, FINDS/FRS, HAZ GEN, HAZNET, HIST MANIFEST, HMS LA, RCRA NON GEN, UST, UST SWEEPS, and/or DELISTED CTNK sites in the regulatory database report, as discussed below:

Adjoining Property Database Listing	
Property Name:	CITY OF MONTEREY PARK
Address:	1980 Clover Drive
Direction:	Northwest
Hydrological Gradient:	Cross-Gradient
Database Listing:	HAZ GEN
Substance Involved:	Unknown
Years of Operation:	Unknown
Status:	Inactive
Discussion:	According to DTSC, the property is identified as a handler of hazardous materials. This profile is currently inactive. Further, there are no reported releases associated with the property. Based on regulatory oversight, inactive status, and lack of reported release, this listing is not expected to represent a significant environmental concern.

Adjoining Property Database Listing	
Property Name:	UNION BANK/2001 Saturn St/2001 SATURN LLC
Address:	2001 Saturn Street
Direction:	West
Hydrological Gradient:	Cross/Down-Gradient
Database Listing:	CUPA LA COUNTY, DELISTED CTNK, FINDS/FRS, RCRA NON GEN

Substance Involved:	Unknown
Years of Operation:	Unknown
Status:	Active/inactive
Discussion:	According to the EPA's comprehensive information system, the property is identified as a verified non-generator of hazardous materials. However, LACFD identified the property as an active property under their CUPA program and CalEPA identified the property as formerly equipped with a UST. The property also appeared on the FRS database which provides 'pointers' to other pertinent databases. These listings are in reference to the previously discussed EPA and CalEPA listings. Further, there are no reported releases associated with the property. Based on regulatory oversight, presumed site inspections by LACFD, and lack of reported releases, these listings are not expected to represent a significant environmental concern.

Adjoining Property Database Listing	
Property Name:	T-MOBILE WEST SITE ID#IE04996A
Address:	1970 Saturn Street
Direction:	South
Hydrological Gradient:	Down-Gradient
Database Listing:	CUPA LA COUNTY
Substance Involved:	Unknown
Years of Operation:	Unknown
Status:	Inactive
Discussion:	According to LACFD, the property appeared on their CUPA program as an inactive facility. Based on the facility name, the property likely equipped with a telecommunications tower which are generally built with an associated diesel-powered generator. Additionally, the property is located hydrologically down-gradient from the subject property across Saturn Street. Further, there are no reported releases associated with the property. Based on regulatory oversight, presumed site inspections by LACFD, hydrology, location, and lack of reported releases, this listing is not expected to represent a significant environmental concern.

Adjoining Property Database Listing	
Property Name:	UNION BANK/UNION BANK OPERATIONS CENTER/UNION BANK (VOLK CENTER)/DANIEL ROSALES/CBRE AGENT FOR UNION BANK/JONES LANGE LASALLE/UNION BANK OF CALIFORNIA/1X UNION BANK
Address:	1980 Saturn Street
Direction:	South
Hydrological Gradient:	Down-Gradient
Database Listing:	CERS TANK, CUPA LA COUNTY, DELISTED TNK, EMISSIONS, FINDS/FRS, HAZ GEN, HAZNET, HIST MANIFEST, HMS LA, RCRA NON GEN, UST, UST SWEEPS

Substance Involved:	Diesel, hazardous wastes
Years of Operation:	1986-2022
Status:	Unknown
Discussion:	According to the EPA's comprehensive information system, the property is identified as a verified non-generator of hazardous materials. However, DTSC identified the property as a handler of hazardous substances. These profiles are currently inactive. The Air Resources Board (ARB) failed to identify any health risks in association with the property. CalEPA, SWRCB, and LACFD identified the property as being formerly equipped with a UST. As such, the property undergoes routine site inspections with regulatory oversight assigned to LACDPW. The most recently reported inspection took place in July 2023 and a violation was reported for failing to obtain a valid permit to operate. This violation appears to be administrative in nature. Additionally, the property is located hydrologically down-gradient from the subject property across Saturn Street. Further, there are no reported releases associated with the property. Based on regulatory oversight, routine site inspections, hydrology, location, and lack of reported releases, these listings are not expected to represent a significant environmental concern.

Based on the findings, vapor migration is not considered an environmental concern at this time.

4.2.4 Surrounding Area Listings of Concern to Subject Property

Based on various mitigating factors including relative distance from the subject property, inferred direction of groundwater flow, media affected, and/or regulatory status, the remaining sites listed within the specified search radius of the subject property which appeared on local, State, or Federally published databases that report releases of hazardous substances, are not expected to represent an environmental concern.

Based on the findings, vapor migration is not considered an environmental concern at this time.

4.2.5 Unplottable Listings

No unplottable listings are identified in the regulatory database report.

A copy of the regulatory database report is included in Appendix C of this report.

5.0 USER PROVIDED INFORMATION AND INTERVIEWS

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *Brownfields Amendments*), the *User* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The *User* should provide the following information to the *environmental professional*. Failure to provide this information could result in a determination that *all appropriate inquiries* is not complete. The *User* is asked to provide information or knowledge of the following:

- Review Title and Judicial Records for Environmental Liens and AULs
- Specialized Knowledge or Experience of the User
- Actual Knowledge of the User
- Reason for Significantly Lower Purchase Price
- Commonly Known or *Reasonably Ascertainable* information
- Degree of Obviousness
- Reason for Preparation of this Phase I ESA

Fulfillment of these user responsibilities is key to qualification for the identified defenses to CERCLA liability. Partner requested our Client to provide information to satisfy User Responsibilities as identified in Section 6 of the ASTM guidance.

Pursuant to ASTM Practice E1527-21, Partner requested the following site information from SDFC Monterey Park, LLC (User of this report).

User Responsibilities		
Item	**Provided By User**	**Not Provided By User**
AAI User Questionnaire		X
Title Records, Environmental Liens, and AULs		X
Specialized Knowledge		X
Actual Knowledge		X
Valuation Reduction for Environmental Issues		X
Identification of Key Site Manager	X	
Reason for Performing Phase 1 ESA	X	
Prior Environmental Reports	X	

5.1 Interviews

5.1.1 Interview with Owner

The owner of the subject property was not available to be interviewed at the time of the assessment.

5.1.2 Interview with Report User

Please refer to Section 5.2 below for information requested from the Report User. The information requested was not received prior to the issuance of this report. The lack of this information is not considered to represent a significant data gap.

5.1.3 *Interview with Key Site Manager*

Mr. Fernando Casillas, key site manager, indicated that they had no information pertaining to any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

5.1.4 *Interviews with Past Owners, Operators and Occupants*

Interviews with past owners, operators, and occupants were not conducted since information regarding the potential for contamination at the subject property was obtained from other sources.

5.2 User Provided Information

5.2.1 *Title Records, Environmental Liens, and AULs*

Partner was not provided with title records or environmental lien and AUL information for review as part of this assessment.

5.2.2 *Specialized Knowledge*

No specialized knowledge of environmental conditions associated with the subject property was provided by the User at the time of the assessment.

5.2.3 *Actual Knowledge of the User*

No actual knowledge of any environmental lien or AULs encumbering the subject property or in connection with the subject property was provided by the User at the time of the assessment.

5.2.4 *Valuation Reduction for Environmental Issues*

No knowledge of valuation reductions associated with the subject property was provided by the User at the time of the assessment.

5.2.5 *Commonly Known or Reasonably Ascertainable Information*

The User did not provide information that is commonly known or reasonably ascertainable within the local community about the subject property at the time of the assessment.

5.2.6 *Previous Reports and Other Provided Documentation*

The following information was provided to Partner for review during the course of this assessment:

Phase I Environmental Site Assessment, Partner Engineering and Science, Inc (April 3, 2023)

Partner prepared this report on behalf of StratCap Global Data Center Group. The assessment was reportedly performed in accordance with ASTM Standard E1527-13. The assessment consisted of a site reconnaissance, interviews with knowledgeable personnel, review of historical information, and a review of federal, state, and local regulatory databases. Pertinent information contained in this report is summarized below:

- At the time of the 2023 assessment, the subject property was unoccupied.
- According to Partner's review of available historical sources, the subject property was formerly undeveloped land as early as 1894 and developed with the current structure in 1979. Tenants on the subject property have included Lloyds Bank (1979-1984), Sanwa Bank (1986-2007), United California Bank (2002), Union California Bank (2003), and Bank of the West (2008-2016).

- According to available regulatory files and available documents, the subject property, identified as BRE CA Saturn, LLC at 1977 Saturn Street, is listed as a Non-Case Information site under the regulatory oversight of the Los Angeles Regional Water Quality Control Board (RWQCB) (Case Number T10000018576). According to information made available on the State Water Resources Control Board (SWRCB) GeoTracker database, along with review of regulatory database listings and previous environmental reports, Case Number T10000018576 was previously recorded as a Leaking Underground Storage Tanks (LUST) Cleanup site in association with removal and assessment activities, conducted under the oversight of the Los Angeles County Department of Public Works (LACDPW), for three historical underground storage tanks (USTs) installed on the subject property. According to available regulatory records, building records, and previous reports two 10,000-gallon, single-walled, fiberglass, diesel fuel USTs (Tanks 1 and 2) were installed on the northern exterior of the subject property building in 1980 and one, 2,500-gallon steel double-walled, fiberglass coated, diesel fuel UST (Tank 3) was installed on the western exterior of the generator building located on the northern portion of the subject property in 1991. The three USTs operated to supply an on-site emergency generator system associated with former tenants of the subject property. According to a Soil Sampling Results Related to UST System Removals report prepared by AEM and dated December 7, 2018, upon removal of the USTs in 2018, soil samples and groundwater samples were collected and analyzed for total petroleum hydrocarbons as diesel (TPH-d), benzene, toluene, ethylbenzene, and xylenes (BTEX), and fuel oxygenates in accordance with modified Environmental Protection Agency (EPA) method no. 8015 (for TPH-d) and EPA method no. 5035/8260B (for BTEX and fuel oxygenates). Two detections of TPH-d were reported in a sample collected from beneath the piping system (15.2 milligrams per kilogram [mg/kg]) and at 10 feet bgs in the sidewall of the Tank 3 tank pit (10.5 mg/kg). BTEX and fuel oxygenates were not detected above their respective laboratory method reporting limits in any of the soil or groundwater samples and TPH-d was not detected above the laboratory method reporting limit in either of the groundwater samples. On April 27, 2020, the LADCPW issued a letter to the RWQCB that indicated their review of the 2018 Soil Sampling Results Related to UST System Removals report and referral of the matter to the RWQCB for further action. According to a letter prepared by the Los Angeles RWQCB and dated June 28, 2022, based on their review of the documentation, the Los Angeles RWQCB determined that “residual concentrations of fuel constituents [in the areas of the three historic USTs] pose low threat to human health and the environment.” Therefore, no further action was required. Furthermore, the Los Angeles RWQCB indicated that subject property “data indicated that there may be residual concentrations of pollutants in soil at the subject property that could pose an unacceptable risk as a result of future construction/redevelopment activities, and/or change to a more sensitive land use from commercial use. Responsible parties, landowners, and contractors performing subsurface activities at the site should be prepared to manage properly to avoid threats to human health or the environment.” Based on the regulatory closure, reported removal of the identified USTs, completion of assessment and remedial activities, and indicated analytical results meeting the applicable regulatory standards for commercial use, the historical USTs and closed LUST case are considered a CREC.

- Partner reviewed a previous Phase I Environmental Site Assessment report for the subject property prepared by Northgate Environmental Management (Northgate) and dated March 31, 2022. Northgate reviewed previous reports for the subject property provided by EQ Office or obtained from the agency file reviews as summarized below:

    - *Phase I Environmental Site Assessment,* prepared by Bureau Veritas North America, Inc. (BVNAI), dated June 18, 2007
        - At the time of the 2007 assessment, the subject property was occupied by a bank data center that included a cafeteria with a kitchen on Level C.

- According to the BVNAI report, on August 18, 1988, the subject property was issued an industrial waste disposal permit for the operation of a 1,500-gallon grease interceptor likely associated with the former kitchen.
- During the site reconnaissance, BVNAI noted the presence of a floor drain that was reportedly closed in 1998 by the LADPW and a trench and sump pump that were reportedly installed in 1993 at the kitchen area on Level C.
- BVNAI indicated that, in October 1989, a survey for asbestos-containing materials (ACMs) was conducted at the subject property which consisted of the visual inspection of accessible areas, construction material sampling, and air monitoring. ACMs were reported to be detected in samples of pipe run insulation (east roof hot water heater room), floor tile mastic (print shop), and roofing mastic. An Operations and Maintenance Program was noted to be in place for the subject property.
- BVNAI identified the presence of three USTs (two, 10,000-gallon diesel USTs and one, 2,000-gallon diesel UST) at the subject property as a REC and recommended soil sampling in the vicinity of the USTs.

- *Limited Subsurface Investigation Report for Two 10,000-Gallon Diesel USTs at 1977 Saturn Street, Monterey Park, California,* prepared by BVNAI), dated June 26, 2007
  - The purpose of the Limited Subsurface Investigation was to assess potential subsurface impacts in the area of two of three identified USTs outlined in the 2007 BVNAI Phase I ESA.
  - Subsurface investigation activities included a geophysical survey, advancement of five soil borings to 18 feet bgs, and soil sample collection. Due to refusal encountered at 8 feet bgs at one location, only four borings were advanced at the corners of the UST area. A map was not provided to indicate the location of the borings relative to the USTs or the subject property.
  - Diesel staining was observed at a depth of approximately 14 feet bgs in one boring (BVSB-1). In addition, according to the Chief Engineer of the subject property at the time of the investigation, Mr. Joe Robelo, in 1991, approximately five gallons of diesel were released in the area of boring BVSB-1 during a piping re-modification project. Mr. Robelo indicated that the contractor cleaned up the release and no further information was available.
  - Soil samples were collected from each of the four borings at approximately 17.5 to 18 feet bgs and an additional sample was collected at a depth of 14.5 to 15 feet bgs from boring BVSB-1. Concentrations of TPH-d were reported in the two samples collected at depths of 14.5 to 15 feet bgs and 17.5 to 18 feet bgs in boring BVSB-1 at concentrations of 658 and 238 mg/kg, respectively.
- *Phase I Environmental Site Assessment Report,* prepared by Leighton Consulting, Inc. (LCI), dated December 10, 2014
  - At the time of the 2014 assessment, the subject property was occupied by a banking operations and office center.
  - The following notable observations were made during LCI's site reconnaissance:
    - A utility building on the northern portion of the subject property, constructed in 1991, housed a generator room with three 55-gallon aboveground storage tanks and a 2,000-gallon diesel UST.

        - LCI observed 55-gallon drum-sized containers for the storage of compressed oil, oil pit sludge and water, waste diesel/water mix, and chemicals for roof-level cooling equipment located in the generator room, Level A storage room, and on the roof.
    - According to the LCI report, in 2014, a subsurface environmental assessment was conducted on the subject property by the LACDPW to assess potential releases associated with the on-site USTs. The assessment reportedly did not identify any significant soil staining and no evidence suggesting a fuel release from the USTs was reported. As such, the LACDPW concluded that the subject property was not impacted in the areas assessed and no further assessment was recommended.
    - LIC identified one plugged and abandoned oil well (API 03720192) to potentially be located on the subject property or possibly off-site to the south as the precise location could not be determined. The well was reportedly drilled to a total depth of 7,920 feet bgs and was abandoned shortly after in 1967.
        - Further research conducted by Northgate as part of the 2022 Phase I ESA indicated that the feature is a plugged and abandoned dry hole that did not produce oil or gas located on the subject property.
    - LIC did not identify any RECs associated with the subject property; however, their report identified the following environmental conditions of potential concern and provided the associated recommendations:
        - The potential presence of one plugged and abandoned oil well located on the southwestern portion of the subject property was identified as a part of the assessment. LCI recommended direct field investigation to assess the location of the former oil well prior to new construction in this portion of the subject property. If an oil well is identified, LCI noted that the Division of Oil, Gas, and Geothermal Resources (presently identified as CalGEM) should be contacted to evaluate requirements for investigation and possible re-abandonment to current regulatory standards before any improvements commence at the Site.
        - The presence of three diesel USTs at the subject property for the operation of a backup generator system were identified as a part of the assessment. LCI recommended that if the USTs are not going to be used for proposed future operations that they be properly removed according to applicable regulatory guidelines with observation for evidence of releases beneath the tanks and piping.
        - A small on-site print shop and photo room with an industrial waste permit to discharge waste to the sewer were identified as a part of the assessment. No inappropriate discharge or leaks were identified; however, LCI recommended that observations for evidence of releases beneath the sewer lines be conducted if the building and associated utilities are demolished.
        - ACMs, (lead-based paint) LBP, and universal waste were reported to be located within the on-site structures. The locations, estimated quantities, and recommendations for their handling if disturbed during renovation or demolition activities are noted to be reported under a separate cover that was not made available to Northgate.
- *Observation of Limited Subsurface Investigation Activities,* prepared by URS, dated December 11, 2014

- URS prepared a letter summary of their observations of a limited subsurface investigation conducted by the LACDPW, which appears to be the investigation referenced in the LCI Phase I ESA above, dated December 11, 2014.
- On October 4 and 5, 2014, three borings were advanced to 40 feet bgs. Four borings were originally proposed to a total depth of 50 feet bgs; however, pea gravel was encountered in one boring (B-3). As such, the LACDPW decided to not advance boring B-3 to avoid impacting the integrity of the overlying surface parking lot. The total depth of the borings was not extended to the originally proposed 50 feet bgs as no field evidence of impacts were observed through 40 feet bgs.
- URS collected six split samples concurrent with the LACDPW investigation. Soil samples were collected at depths of 15 and 25 feet bgs from two borings (B-1 and B-2) and at depths of 10 and 20 feet bgs from the third boring (B-4). The soil samples were selected based on the judgement of an associated field geologist and were generally determined to be below the depths of the tank bottoms. URS noted that the LACDPW collected eight soil samples from borings B-1 and B-4 and seven soil samples from boring B-2.
- Soil samples were analyzed for TPH-d and VOCs and no VOCs or TPH-d were reported above their laboratory method reporting limits in any of the six soil samples collected for analysis by URS.
- Northgate noted that a copy of the laboratory analytical report for collected samples was provided as an appendix to the summary letter. A review of the analytical report indicated that no VOCs or TPH-d were reported above the laboratory method reporting limits in any of the 23 soil samples collected for analysis by LACDPW.

- *Soil Sampling Results Related to UST System Removals,* prepared by ALTA EM, Inc. (ALTA), dated December 7, 2018
  - ALTA prepared this report summarizing the results of tank system removals and associated soil sampling activities conducted at the subject property in 2018.
  - Details of the removed USTs were reported to be two, 10,000-gallon diesel fuel USTs (Tank 1 and 2) adjoining to one another and one, 2,500-gallon diesel fuel UST (Tank 3) located approximately 140 feet east of the larger tanks. All three tanks were used to supply emergency generators and were reported to be buried 3 to 4 feet bgs.
  - On November 8, 2018, soil samples (PS1 To PS13) were collected along the fuel product lines at depths ranging from 3.5 to 5 feet bgs and at least 2 feet below the removed lines. The tank pit containing Tanks 1 and 2 contained groundwater at approximately 11.5 feet bgs and a larger concrete pad beneath the tanks at approximately 13.5 feet bgs. As a result, soil sampling could not be performed and representative samples (TPGW1 and TPGW2) were collected from the groundwater at this location.
    - The tank pit for Tank 3 also contained a concrete pad at the bottom of the tank pit at approximately 11.5 feet bgs, but no groundwater was present. As soil samples could not be collected due to the presence of the concrete pad, sidewall samples were collected just above the concrete pad. With the exception of one sampling location beneath the former piping at a depth of approximately 4 feet bgs where a slight hydrocarbon odor was observed, there were no other field indications of a release including odor or discoloration of the soil.

- The soil and groundwater samples were analyzed for TPH-d, benzene, toluene, ethylbenzene, and xylenes (BTEX), and fuel oxygenates in accordance with modified EPA method no. 8015 (for TPH-d) and EPA method no. 5035/8260B (for BTEX and fuel oxygenates).
- Two detections of TPH-d were reported in a sample collected at 4 feet bgs below the piping system (15.2 mg/kg) and at 10 feet bgs in the sidewall of the Tank 3 tank pit (10.5 mg/kg). BTEX, and fuel oxygenates were not detected above their respective laboratory method reporting limits in any of the soil or groundwater samples and TPH-d was not detected above the laboratory method reporting limit in either of the groundwater samples.
- Based on the field observations and laboratory data, ALTA opined that there was no evidence indicating a significant release of diesel fuel from the removed UST systems. As such, ALTA concluded that no further action is recommended and requested a no further action letter for the subject property on behalf of the responsible party.

- *Hazardous Substances Underground Storage Closure/Site Assessment Report, Closure Application No 905166,* prepared LACDPW, dated April 27, 2020

  On April 27, 2020, the LADCPW issued a letter to the RWQCB that indicated their review of the 2018 Soil Sampling Report and referral the matter to the RWQCB for further action. At the time of Northgate's 2022 assessment, the case was pending the RWQCB's review and response.

  Northgate identified the three historical USTs as a REC and, in the absence of a closure/no further action (NFA) letter from the RWQCB at the time of the assessment, Northgate recommended contacting the RWQCB if redevelopment work was planned in the areas of the USTs to ensure that the work is in compliance with their requirements. Based on Northgate's review of data provided in previous reports, Northgate opined that there was a reasonable expectation that the RWQCB will grant a non-case determination for the subject property. As such, no further investigation was recommended at the time of the 2022 assessment. Partner notes that NFA status was granted by the RWQCB in June 2022.

Partner identified the former USTs as a CREC and recommended no further investigation.

Copies of pertinent pages reviewed are included in Appendix B of this report.

6.0 SITE RECONNAISSANCE

The weather at the time of the site visit was overcast. Refer to Section 1.5 for limitations encountered during the field reconnaissance and Sections 2.1 and 2.2 for subject property operations. The table below provides the site assessment details:

Site Assessment Data	
Site Assessment Performed By:	Adrian Gutierrez
Site Assessment Conducted On:	April 12, 2024

The table below provides the subject property personnel interviewed during the field reconnaissance:

Site Visit Personnel for the Subject Property			
Name	**Title/Role**	**Contact Number**	**Site Walk* Yes/No**
Fernando Casillas	Building Engineer	Not Provided	Yes
* Accompanied Partner during the field reconnaissance activities and provided information pertaining to the current operations and maintenance of the subject property			

No potential environmental concerns were identified during the onsite reconnaissance.

6.1 General Site Characteristics

6.1.1 Solid Waste Disposal

Solid waste generated at the subject property is disposed of in commercial dumpsters located on the north side of the subject property. An independent solid waste disposal contractor, Athens Services, removes solid waste from the subject property. No evidence of illegal dumping of solid waste was observed during the Partner site reconnaissance.

6.1.2 Sewage Discharge and Disposal

Sanitary discharges on the subject property are directed into the municipal sanitary sewer system. The Monterey Park Public Works Department services the subject property vicinity. No wastewater treatment facilities were observed or reported on the subject property. No septic systems were observed or reported on the subject property.

6.1.3 Stormwater and Surface Water Drainage

Stormwater is removed from the subject property primarily by sheet flow action across the paved surfaces towards stormwater drains located throughout the subject property parking lot and in the public right of way as well as ground infiltration. No drywells were identified on the subject property.

6.1.4 Source of Heating and Cooling

Heating and cooling systems as well as domestic hot water equipment are fueled by electricity and natural gas provided by Southern California Edison (SCE) and Southern California Gas (SoCal Gas), respectively. The mechanical system is comprised of Partner observed two cooling towers and two chillers on the roof (one on each section) which serves as the onsite HVAC system. Hot water is provided by central natural gas boiler units.

6.1.5 Wells and Cisterns

No aboveground evidence of wells or cisterns was observed during the site reconnaissance. Refer to Sections 4.1 and 5.2.6 for discussion of former on-site monitoring wells and associated investigations.

6.1.6 Wastewater

Domestic wastewater generated at the subject property is disposed by means of the sanitary sewer system. No industrial processes are currently performed at the subject property.

6.1.7 Septic Systems

No septic systems were observed or reported on the subject property.

6.1.8 Additional Site Observations

No additional general site characteristics were observed during the site reconnaissance.

6.2 Potential Environmental Hazards

6.2.1 Hazardous Substances and Petroleum Products Used or Stored at the Site

Partner identified hazardous substances or petroleum products used, stored, and/or generated on the subject property as noted in the following table:

Hazardous Substances and/or Petroleum Products Noted Onsite						
Substance	**Container Type**	**Quantity/Size**	**Location**	**Nature of Use**	**Secondary Containment**	**Environmental Concern**
Chem-aqua	Buckets	Three buckets	Roof	HVAC system	No	No; according to onsite staff, the substance is used to treat the return water from the HVAC system.

The materials were found to be properly labeled and stored at the time of the assessment with no signs of leaks, stains, or spills. Secondary containment is not provided.

6.2.2 Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)

Partner observed an area of patched asphalt on the northern exterior of the subject property building indicating the location of two of three former USTs (removed in 2018). In addition, Partner was shown the general area of the third former UST (removed in 2018) located on the eastern exterior of the northern generator building. For further discussion of the features, refer to Sections 4.1 and 5.2.6. Partner also observed one diesel AST within the Generator Room of the building located on the northern portion of subject property. No staining, leaks, or spills were noted within in the vicinity of the AST, and no releases have been reported to the California State Water Resources Control Board (SWRCB). Based on the observed conditions and lack of reported releases, the presence of the current and former ASTs is not expected to represent a significant environmental concern.

6.2.3 Evidence of Releases

No spills, stains, or other indications that a surficial release has occurred at the subject property were observed.

6.2.4 Polychlorinated Biphenyls (PCBs)

Older transformers and other electrical equipment could contain PCBs at a level that subjects them to regulation by the U.S. EPA. PCBs in electrical equipment are controlled by United States Environmental Protection Agency regulations 40 CFR, Part 761. Under the regulations, there are three categories into which electrical equipment can be classified: 1) Less than 50 parts per million (ppm) of PCBs – “Non-PCB;”

2) 50 ppm-500 ppm – “PCB-Contaminated;” and, 3) Greater than 500 ppm – “PCB-Containing.” The manufacture, process, or distribution in commerce or use of any PCB in any manner other than in a totally enclosed manner was prohibited after July 2, 1979.

Transformers and Hydraulic Equipment				
Type of Equipment	**Location**	**Number**	**PCB Containing**	**Concern**
Pad-Mounted Transformers	Utility/generator buildings	Several	Unlikely	No
Hydraulic Elevators	Elevator equipment room	One	Unlikely	No
Trash Compactor	Northwestern section of the subject property building	One	Unlikely	No
Dock Levelers	Loading dock on the northeastern section of the subject property building	Two	Unlikely	No

The on-site reconnaissance addressed indoor and outdoor transformers that may contain PCBs. Several pad-mounted transformers were observed on the subject property. The transformers are not labeled indicating PCB content. No staining or leakage was observed in the vicinity of the transformers. Based on the good condition of the equipment, the transformers are not considered an environmental concern.

Partner observed two dock levelers at the loading dock located on the northeastern section of the subject property building. No visual evidence of spills or releases of hydraulic oil were noted near the equipment. Based on the observed good conditions of the equipment, their presence is not expected to represent a significant environmental concern. One hydraulic elevator services the subject property building. Equipment with respect to the elevator is located in the Elevator Maintenance Room. According to the site escort, the elevator equipment is serviced by Otis Elevator Company. No visual evidence of spills or releases of hydraulic oil were noted near the equipment. Based on the observed good condition and regular maintenance of the elevator equipment, their presence is not expected to represent a significant environmental concern. Lastly, Partner observed a trash compacter at a loading dock located on the northwestern portion of the subject property building. The trash compactor was reported to not be in use due to the vacant status of the subject property. No visual evidence of spills or releases of hydraulic oil were noted near the equipment. Based on the good conditions observed and nature of the use, the presence of the trash compactor is not expected to represent an environmental concern.

6.2.5 Strong, Pungent or Noxious Odors

No strong, pungent or noxious odors were evident during the site reconnaissance.

6.2.6 Pools of Liquid

No pools of liquid were observed on the subject property during the site reconnaissance.

6.2.7 Drains, Sumps and Clarifiers

Partner observed the following drains, sumps, and/or clarifiers located on the subject property:

Drains, Sumps, and Clarifiers Observed Onsite				
Drain/Sump/Clarifier	**Number Observed**	**Location**	**Point of Discharge**	**Sealed/Bermed**
Drains	Several	Parking area and northern utility room	Municipal sewer system	N/A
Clarifier	One	Southern section	Municipal sewer system	N/A

Partner observed stormwater drains throughout the subject property parking lot. The features are solely associated with stormwater drainage within the subject property and no significant stains or evidence of improper discharge of hazardous materials or petroleum products were observed within the vicinity of the features. As such, the presence of these features is not expected to represent a significant environmental concern. Partner also observed floor drains throughout the subject property building. According to the site escort, the drains were associated with former kitchen operations conducted by a historical tenant of the subject property. The observed drains were reported to be connected to a subsurface three-stage clarifier, also referred to as a grease interceptor, located on the southern exterior of the subject property building. The clarifier was used to treat wastewater streams generated from the former kitchen operations. Based on the food grade nature of the clarifier, the presence of this feature is not expected to represent a significant environmental concern. Furthermore, Partner observed a floor drain within the Generator Room of a generator building located on the northern portion of subject property. No significant stains or evidence of improper discharge of hazardous materials or petroleum products were observed within the vicinity of the feature. As such, the presence of the floor drain is not expected to represent a significant environmental concern.

6.2.8 Pits, Ponds and Lagoons

No pits, ponds, or lagoons were observed on the subject property.

6.2.9 Stressed Vegetation

No stressed vegetation was observed on the subject property.

6.2.10 Additional Potential Environmental Hazards

No additional environmental hazards, including landfill activities or radiological hazards, were observed.

6.3 Non-ASTM Services

6.3.1 Asbestos-Containing Materials (ACMs)

Asbestos is the name given to a number of naturally occurring, fibrous silicate minerals mined for their useful properties such as thermal insulation, chemical and thermal stability, and high tensile strength. The Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 requires certain construction materials to be presumed to contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building that have not been appropriately tested are “presumed asbestos-containing material” (PACM).

The subject property buildings were constructed in 1979. Partner has conducted a limited, visual evaluation of accessible areas for the presence of suspect ACM at the subject property. The objective of this visual survey was to note the presence and condition of suspect ACM observed. Please refer to the table below for identified suspect ACM:

Suspect ACMs			
Suspect ACM	**Location**	**Friable Yes/No**	**Physical Condition**
Drywall Systems	Throughout Building Interior	No	Good
Ceiling Tiles	Throughout Building Interior	No	Fair to Good
Flooring	Throughout Building Interior	No	Fair to Good
Roofing Materials	Roof	No	Good

Prior to disturbance, Partner recommends a comprehensive asbestos survey of the property be completed to determine the presence, condition, friability and likely future condition of suspect or confirmed ACM. All

suspect materials must be handled as ACM according to local, state and federal regulations until the results of sampling and analysis indicate the material is a non-ACM. According to the US EPA, ACM that is intact and in good condition can, in general, be managed safely in-place under an Operations and Maintenance (O&M) Program until removal is dictated by renovation, demolition, or deteriorating material condition.

Partner was not provided building plans or specifications for review, which may have been useful in determining areas likely to have used ACM.

6.3.2 Lead-Based Paint (LBP)

Lead is a highly toxic metal that affects virtually every system of the body. LBP is defined as any paint, varnish, stain, or other applied coating that has 1 mg/cm2 (or 5,000 µg/g or 0.5% by weight) or more of lead. Congress passed the Residential Lead-Based Paint Hazard Reduction Act of 1992, also known as "Title X," to protect families from exposure to lead from paint, dust, and soil. Under Section 1017 of Title X, intact LBP on most walls and ceilings is not considered a "hazard," although the condition of the paint should be monitored and maintained to ensure that it does not become deteriorated. Further, Section 1018 of this law directed the Housing and Urban Development (HUD) and the US EPA to require the disclosure of known information on LBP and LBP hazards before the sale or lease of most housing built before 1978.

It is unlikely that LBP is present in buildings constructed after 1977. Therefore, due to the age of the subject property buildings, it is unlikely that LBP is present.

Actual material samples would need to be collected in order to determine if LBP is present.

6.3.3 Radon

Radon is a colorless, odorless, naturally occurring, radioactive, inert, gaseous element formed by radioactive decay of radium (Ra) atoms. The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, according to the table below:

EPA Radon Zones		
EPA Zones	**Average Predicted Radon Levels**	**Potential**
Zone 1	Exceed 4.0 pCi/L	Highest
Zone 2	Between 2.0 and 4.0 pCi/L	Moderate
Zone 3	Less than 2.0 pCi/L	Low

It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the US EPA recommends site-specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Review of the US EPA Map of Radon Zones places the subject property in Zone 2. Based upon the radon zone classification, radon is not considered an environmental concern.

6.3.4 Lead in Drinking Water

According to available information, a public water system operated by the Monterey Park Public Works Water Department serves the subject property vicinity. The sources of public water for the City of Monterey Park are groundwater from the Main San Gabriel Groundwater Basin (Main Basin) and water purchased from the San Gabriel Water Company, which also pumps groundwater from the Main Basin. No public supply wells were identified at the subject property of the adjoining properties. According to the 2022 Annual Water Quality Report, water supplied to the subject property is in compliance with all State and Federal regulations pertaining to drinking water standards, including lead and copper. Water sampling was not conducted to verify water quality.

6.3.5 Mold

Molds are microscopic organisms found virtually everywhere, indoors and outdoors. Mold will grow and multiply under the right conditions, needing only sufficient moisture (e.g.in the form of very high humidity, condensation, or water from a leaking pipe, etc.) and organic material (e.g., ceiling tile, drywall, paper, or natural fiber carpet padding).

Partner observed accessible, interior areas for the subject property buildings for significant evidence of mold growth with the exceptions detailed in Section 1.5 of this report; however, this assessment should not be used as a mold survey or inspection. Additionally, this limited assessment was not designed to assess all areas of potential mold growth that may be affected by mold growth on the subject property. Rather, it is intended to give the client an indication as to whether or not conspicuous (based on observed areas) mold growth is present at the subject property. This evaluation did not include a review of pipe chases, mechanical systems, or areas behind enclosed walls and ceilings.

No obvious indications of water damage or mold growth were observed during Partner's visual assessment.

6.3.6 Wetlands

The subject property does not appear to be a designated wetland area based on information obtained from the United States Fish and Wildlife Service; however, a comprehensive wetlands survey would be required in order to formally determine actual wetlands on the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

6.4 Adjoining Property Reconnaissance

The adjoining property reconnaissance consisted of observing the adjoining properties from the subject property premises.

6.4.1 Hazardous Substances and Petroleum Products Used or Stored at the Site

No hazardous substances or petroleum products were observed on adjoining properties during the limited adjoining property reconnaissance.

6.4.2 ASTs/USTs for Hazardous Substances or Petroleum Products

No ASTs or USTs for hazardous substances/petroleum products were observed on adjoining properties during the limited adjoining property reconnaissance.

6.4.3 Evidence of Releases

No evidence of a release was observed on adjoining properties during the limited adjoining property reconnaissance.

6.4.4 PCBs

No PCB containing materials were observed on adjoining properties during the limited adjoining property reconnaissance.

6.4.5 Strong, Pungent, or Noxious Odors

No strong, pungent, or noxious odors were observed on adjoining properties during the limited adjoining property reconnaissance.

6.4.6 Pools of Liquid

No pools of liquid were observed on adjoining properties during the limited adjoining property reconnaissance.

6.4.7 Drains, Sumps, and Clarifiers

No drains, sumps, or clarifiers were observed on adjoining properties during the limited adjoining property reconnaissance.

6.4.8 Pits, Ponds, and Lagoons

No pits, ponds, or lagoons were observed on adjoining properties during the limited adjoining property reconnaissance.

6.4.9 Stressed Vegetation

No stressed vegetation was observed on adjoining properties during the limited adjoining property reconnaissance.

6.4.10 Additional Potential Environmental Hazards

No additional environmental hazards were observed on adjoining properties during the limited adjoining property reconnaissance.

7.0 VAPOR ENCROACHMENT CONDITIONS

Partner conducted a limited non-intrusive vapor screening on the subject property to identify, to the extent feasible, the potential for vapor encroachment conditions (VECs) in connection with the subject property. This included consideration of chemicals of concern (COC) that may migrate as vapors into the subsurface of the subject property as a result of contaminated soil and groundwater on or near the property.

This screening utilized readily available data sources previously discussed in this Phase I ESA that includes:

- the physical setting of the subject property (Section 2.4),
- standard historical sources for the subject property, adjoining, and surrounding area (Section 3.0),
- known or potentially contaminated sites as identified from information from regulatory agencies and sites on Federal, State, tribal and local databases (Section 4.0), and
- information from the site reconnaissance (Section 6.0) of the subject property and observations of the surrounding properties.

The results of our data collection, reconnaissance, and analysis are tabulated below:

Potential for Vapor Encroachment to Impact the Subject Property	
Area of Concern	***Likely or Known VEC to Subject Property***
Subject Property Existing Operations or Conditions (Sections 2.0 and 6.0)	None identified that impact the subject property.
Historical Uses of the Subject Property (Section 3.0)	None identified that impact the subject property.
Adjoining Property Operations or Existing Conditions (Sections 2.3 and 6.4)	None identified that impact the subject property.
Historical Uses of Adjoining Properties or Nearby Properties (Section 3.0)	None identified that impact the subject property.
Regulatory Review of sites identified on Federal, State, tribal and Local Environmental Databases which were located in the AMSD (Section 4.0)	As discussed in Sections 4.1 and 5.2.6, three USTs were removed from the subject property in 2018. BTEX and fuel oxygenates were not detected above their respective laboratory method reporting limits in any of the soil or groundwater samples and TPH-d was not detected above the laboratory method reporting limit in either of the groundwater samples. Residual concentrations of fuel constituents were allowed to remain in place in the area of the former USTs per the Los Angeles RWQCB NFA letter dated June 28, 2022. Based on the removal of the USTs, regulatory closure, soil sampling analytical results, and relatively impermeable surfaces covering the area of the residual soil impacts, a VEC is not suspected.

Based on the findings of the limited non-intrusive vapor screening, vapor intrusion is unlikely to be an issue of concern in connection with the existing structures on the subject property. As such, no further assessment is recommended.

8.0 FINDINGS AND CONCLUSIONS

Findings and Opinions

Recognized Environmental Condition

A recognized environmental condition (REC) refers to the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.

- Partner did not identify any RECs during the course of this assessment.

Controlled Recognized Environmental Condition

A controlled recognized environmental condition (CREC) refers to a REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations). The following was identified during the course of this assessment:

- According to available historical sources and previous reports, the subject property, identified as BRE CA Saturn, LLC at 1977 Saturn Street, is listed as a Non-Case Information site under the regulatory oversight of the Los Angeles Regional Water Quality Control Board (RWQCB) (Case Number T10000018576). According to information made available on the State Water Resources Control Board (SWRCB) GeoTracker database, along with review of regulatory database listings and previous environmental reports, Case Number T10000018576 was previously recorded as a Leaking Underground Storage Tanks (LUST) Cleanup site in association with removal and assessment activities, conducted under the oversight of the Los Angeles County Department of Public Works (LACDPW), for three historical underground storage tanks (USTs) installed on the subject property. According to available regulatory records, building records, and previous reports two 10,000-gallon, single-walled, fiberglass, diesel fuel USTs (Tanks 1 and 2) were installed on the northern exterior of the subject property building in 1980 and one, 2,500-gallon steel double-walled, fiberglass coated, diesel fuel UST (Tank 3) was installed on the western exterior of the generator building located on the northern portion of the subject property in 1991. The three USTs operated to supply an on-site emergency generator system associated with former tenants of the subject property.

  According to a Soil Sampling Results Related to UST System Removals report prepared by AEM and dated December 7, 2018, upon removal of the USTs in 2018, soil samples and groundwater samples were collected and analyzed for total petroleum hydrocarbons as diesel (TPH-d), benzene, toluene, ethylbenzene, and xylenes (BTEX), and fuel oxygenates in accordance with modified Environmental Protection Agency (EPA) method no. 8015 (for TPH-d) and EPA method no. 5035/8260B (for BTEX and fuel oxygenates). Two detections of TPH-d were reported in a sample collected from beneath the piping system (15.2 milligrams per kilogram [mg/kg]) and at 10 feet bgs in the sidewall of the Tank 3 tank pit (10.5 mg/kg). BTEX and fuel oxygenates were not detected above their respective laboratory method reporting limits in any of the soil or groundwater samples and TPH-d was not detected above the laboratory method reporting limit in either of the groundwater samples.

  On April 27, 2020, the LADCPW issued a letter to the RWQCB that indicated their review of the 2018 Soil Sampling Results Related to UST System Removals report and referral of the matter to the RWQCB for further action. According to a letter prepared by the Los Angeles RWQCB and

dated June 28, 2022, based on their review of the documentation, the Los Angeles RWQCB determined that "residual concentrations of fuel constituents in the areas of the three historic USTs pose low threat to human health and the environment." Therefore, no further action was required. Furthermore, the Los Angeles RWQCB indicated that subject property "data indicated that there may be residual concentrations of pollutants in soil at the subject property that could pose an unacceptable risk as a result of future construction/redevelopment activities, and/or change to a more sensitive land use from commercial use. Responsible parties, landowners, and contractors performing subsurface activities at the site should be prepared to manage properly to avoid threats to human health or the environment."

Based on the regulatory closure, reported removal of the identified USTs, completion of assessment and remedial activities, and indicated analytical results meeting the applicable regulatory standards for commercial use, the historical USTs and closed LUST case are considered a CREC and no further investigation appears warranted at this time.

Historical Recognized Environmental Condition

A historical recognized environmental condition (HREC) refers to a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations).

- Partner did not identify any HRECs during the course of this assessment.

Business Environmental Risk

A Business Environmental Risk (BER) is a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice. The following was identified during the course of this assessment:

- Due to the age of the subject property buildings, there is a potential that asbestos-containing material (ACM) are present. Readily visible suspect ACMs were observed in good condition. Should these materials be replaced, the identified suspect ACMs would need to be sampled to confirm the presence or absence of asbestos prior to any renovation or demolition activities to prevent potential exposure to workers and/or building occupants.

Significant Data Gaps

No significant data gaps affecting the ability of the Environmental Professional to identify a REC were encountered during this assessment.

Conclusions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-21 of 1977 Saturn Street in Monterey Park, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of RECs and HRECs in connection with the subject property; however, a CREC and BER were identified. Based on the conclusions of this assessment, Partner recommends the following:

- Partner recommends preparation of a Soil Management Plan to address potential soils with residual impacts remaining on the subject property during any future construction/redevelopment activities.

9.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Partner has performed a Phase I Environmental Site Assessment of the property located at 1977 Saturn Street in Monterey Park, Los Angeles County, California in conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

By signing below, Partner declares that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR §312. Partner has the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. Partner has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By:



Adrian Gutierrez
Project Assessor

Reviewed By:



Chris Randall
Senior Author

10.0 REFERENCES

Reference Documents

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E1527-21

Environmental Risk Information Services (ERIS), Database Report, April 2024

Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via the internet, April 2024

Partner, Phase I Environmental Site Assessment, April 3, 2023

United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, accessed via the internet, April 2024

United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the internet, April 2024

United States Fish and Wildlife Service, National Wetlands Inventory, accessed via the internet, April 2024

United States Geological Survey, accessed via the internet, April 2024

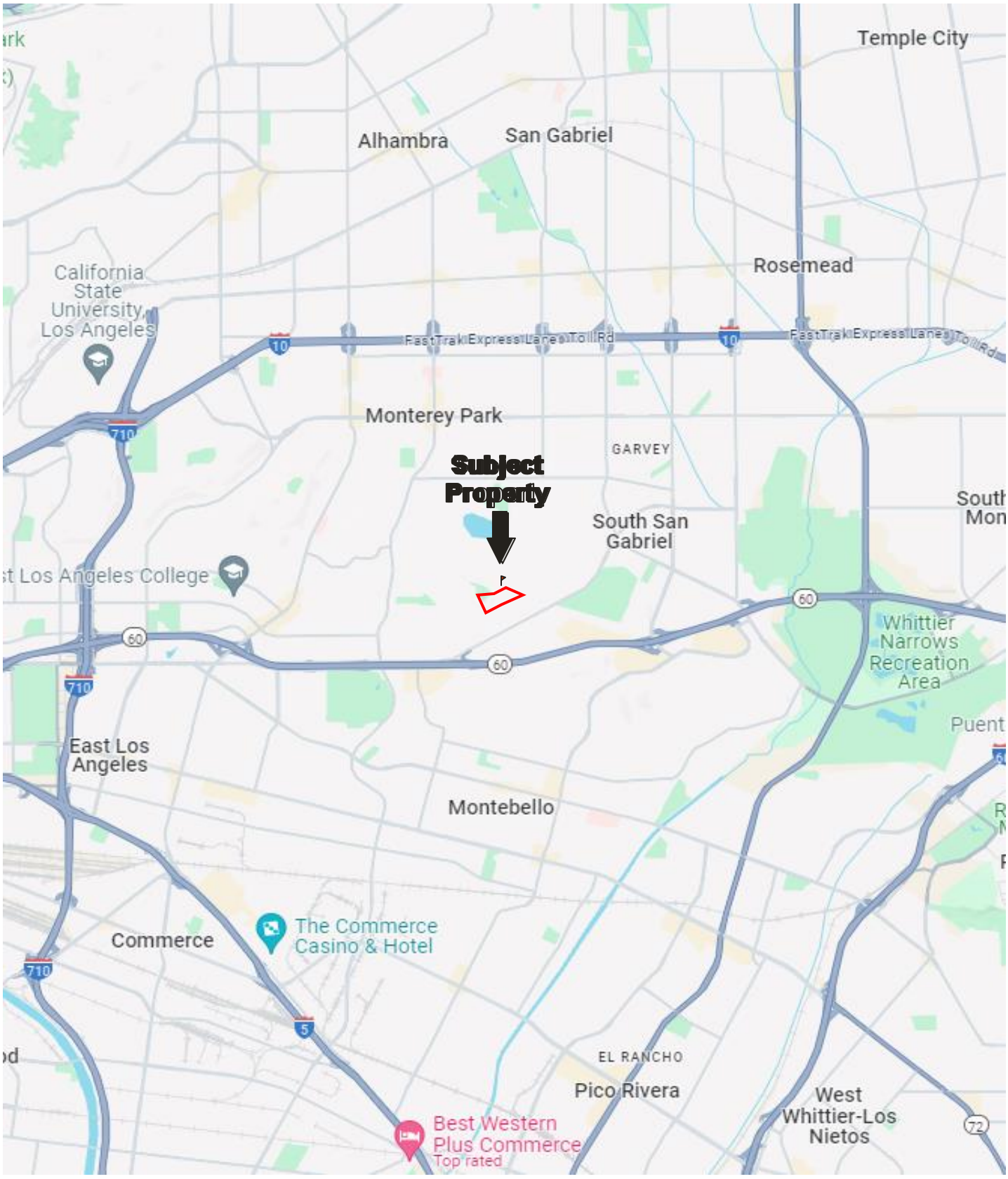
United States Geological Survey Topographic Map 2022, 7.5-minute series, accessed via the internet, April 2024

FIGURES

1: Site Location Map

2: Site Plan

3: Topographic Map



N

Drawing Not To Scale

KEY:
Subject Property

FIGURE 1: SITE LOCATION MAP
Project No. 24-444561.1

PARTNER



N

GROUNDWATER FLOW

KEY:
Subject Property

FIGURE 2: SITE PLAN
Project No. 24-444561.1

PARTNER



N

GROUNDWATER FLOW

KEY:
Subject Property

FIGURE 2: SITE PLAN
Project No. 24-444561.1

PARTNER



N

USGS 7.5-Minute *El Monte, California* Quadrangle
Created: 2022/Revised: 2024

KEY:
Subject Property

FIGURE 3: TOPOGRAPHIC MAP
Project No. 24-444561.1

PARTNER

APPENDIX A: SITE PHOTOGRAPHS



1. Subject property from the southwest



2. Subject property from the northeast



3. Main entrance on the southern section



4. Southern façade main entrance



5. Southern façade on the western section



6. Southern façade on the eastern section



7. Western façade



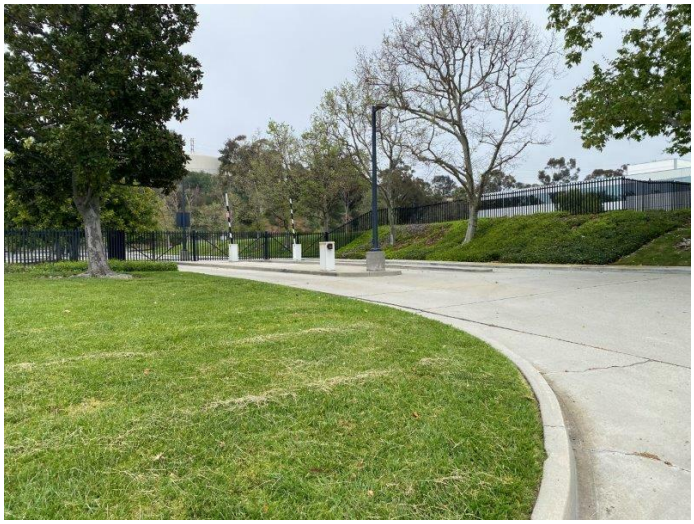
8. Northern façade



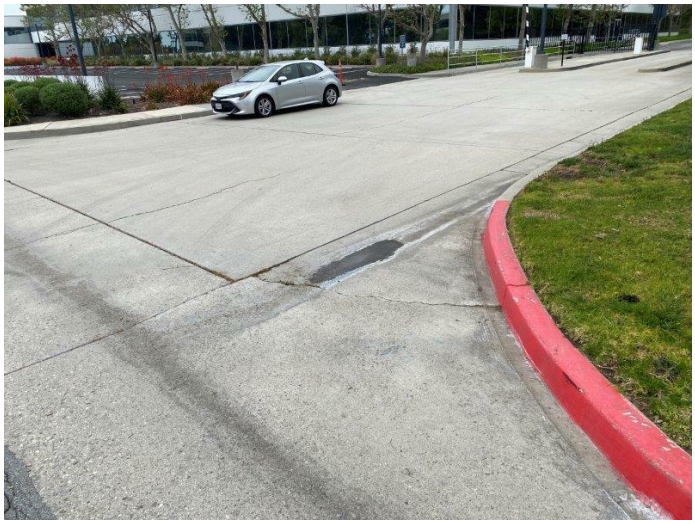
9. Eastern façade



10. Typical associated landscaping



11. Southern approach on the western section



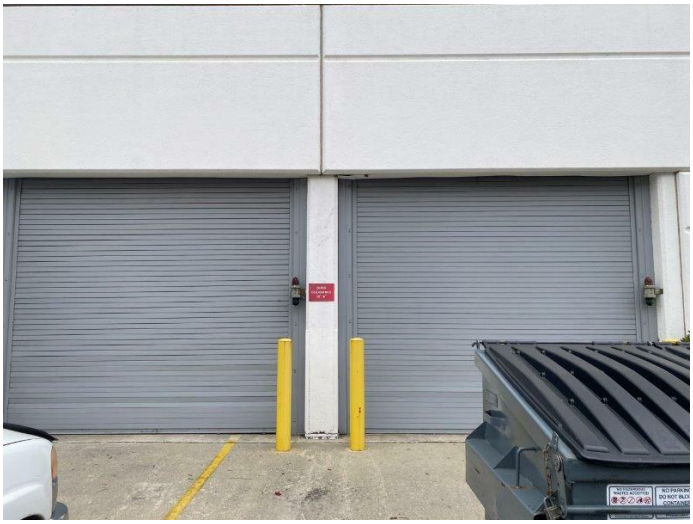
12. Southern approach on the eastern section



13. Southern utility building



14. Northern generator building



15. Typical loading docks



16. Dumpster



17. Parking area overview



18. Typical stormwater drains



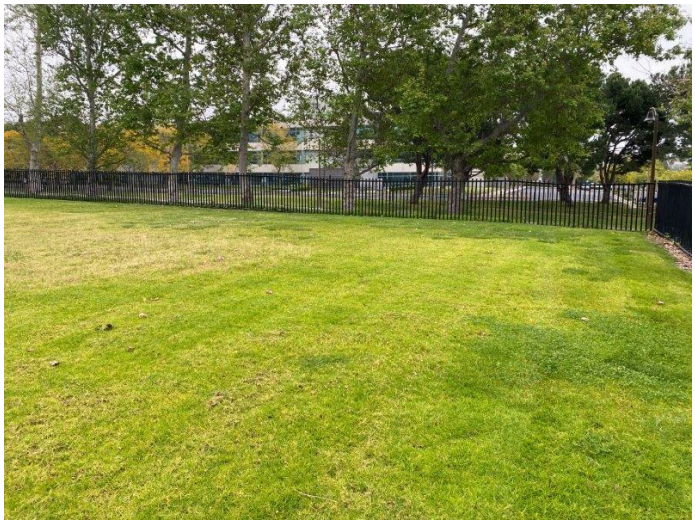
19. Clarifier



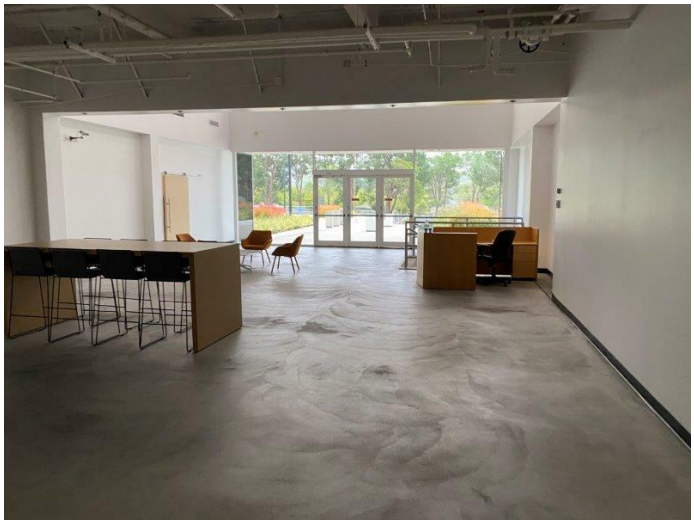
20. Area of former UST west of the northern generator building



21. Area of former USTs north of the western section of the subject property building



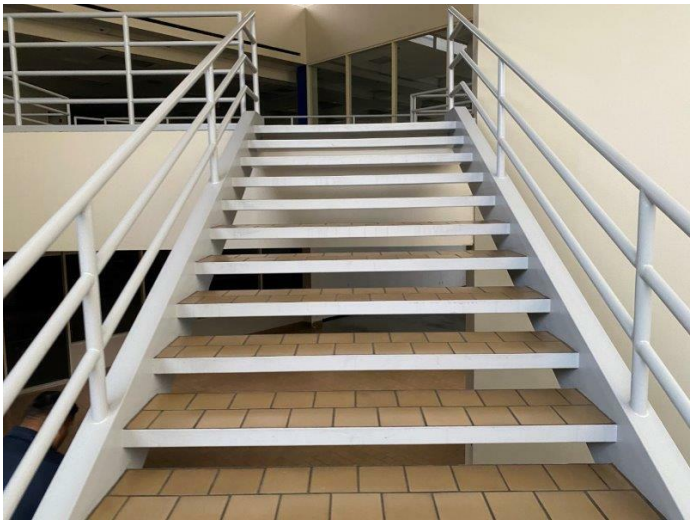
22. Vicinity of former dry hole



23. Presumed reception area



24. Typical office area overview



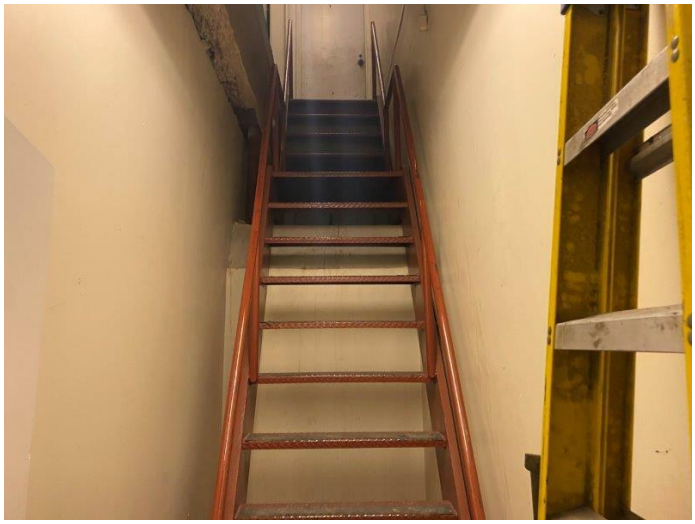
25. Typical staircase



26. Typical floor tiles



27. Typical restroom



28. Roof access



29. Roof overview



30. Boilers



31. Typical HVAC system



32. Typical Chem-Aqua



33. Elevator



34. Elevator equipment



35. Dock levelers



36. Trash compactor



37. Emergency generator and associated AST



38. Trench drain next to emergency generator



39. Unused air compressor



40. Northern adjoining property (2204 Iris Way) from the west



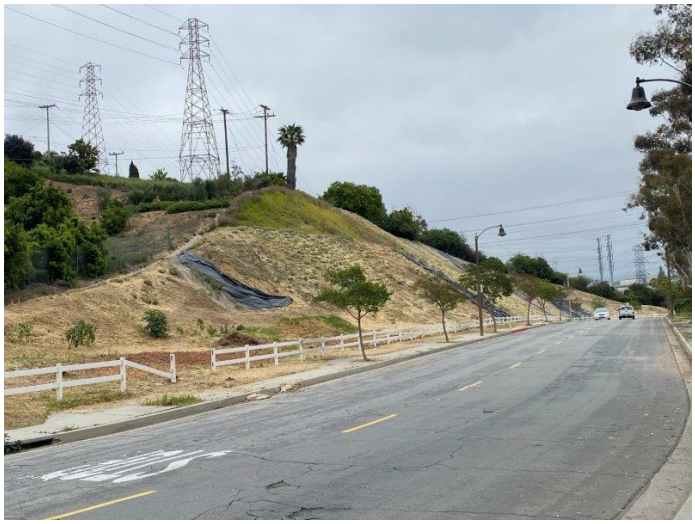
41. Northern adjoining property (1950 Fulton Avenue) from the south



42. Access to northern adjoining property (1980 Clover Drive) from the west



43. Northeastern adjoining property (1996 South Orange Avenue) from the southwest



44. Eastern adjoining property (vacant land) from the west



45. Southern adjoining property (1980 Saturn Street) from the northeast



46. Southern adjoining property (1938, 1968 Saturn Street) from the northwest

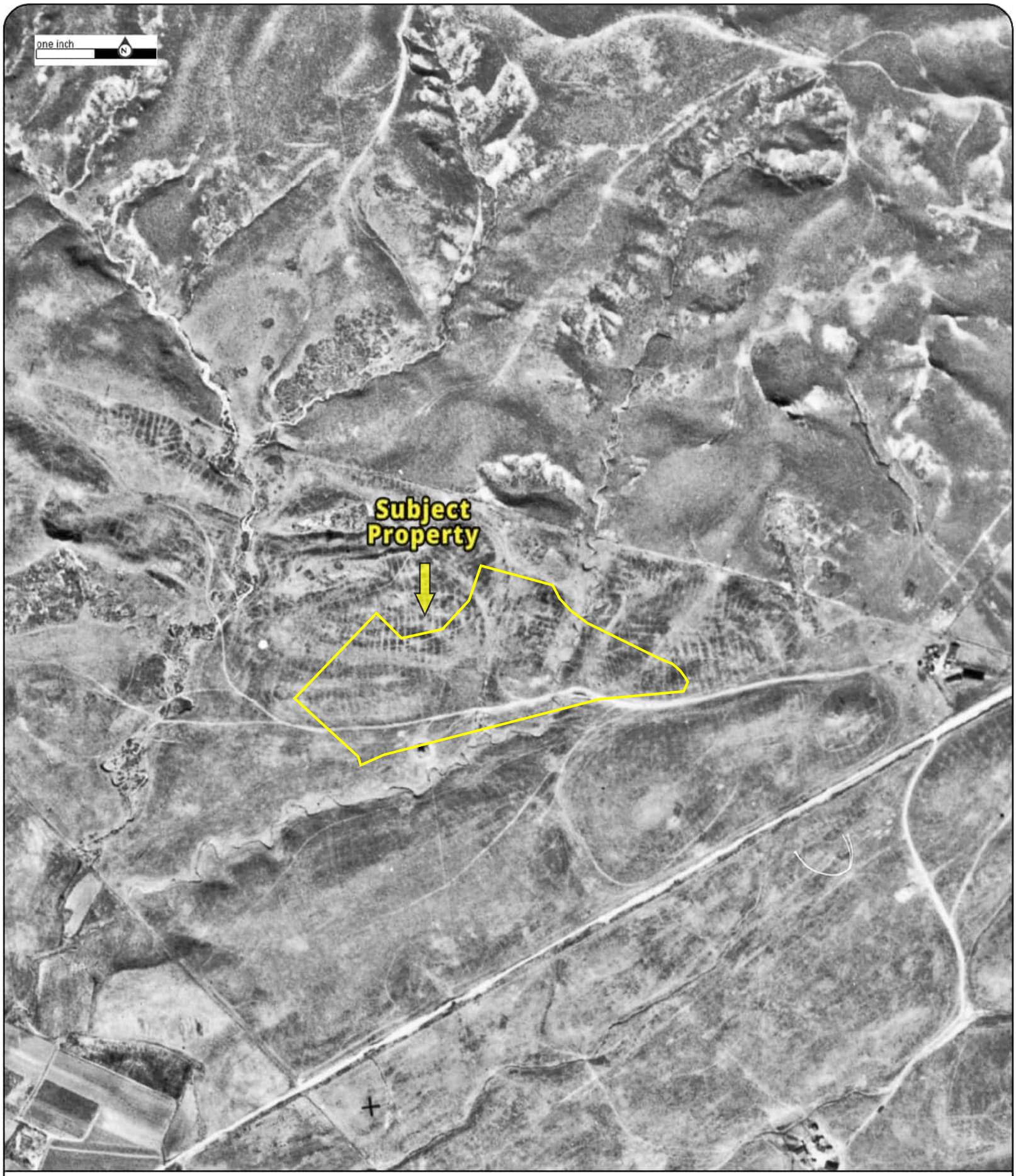


47. Western adjoining property (2000 Clover Drive) from the north



48. Western adjoining property (2001 Saturn Street) from the east

APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION

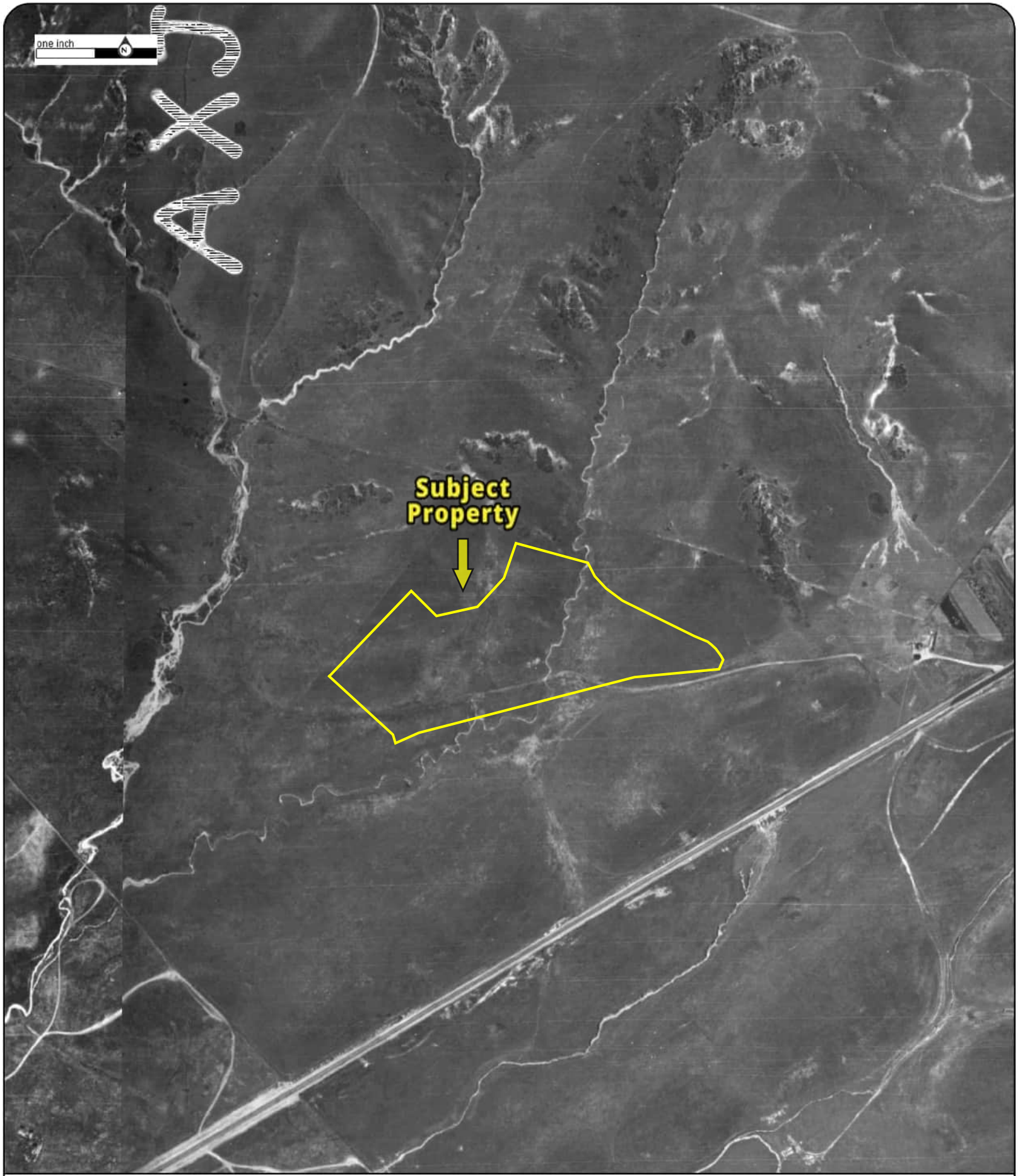


Year: 1927
Source: FAIRCHILD
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER

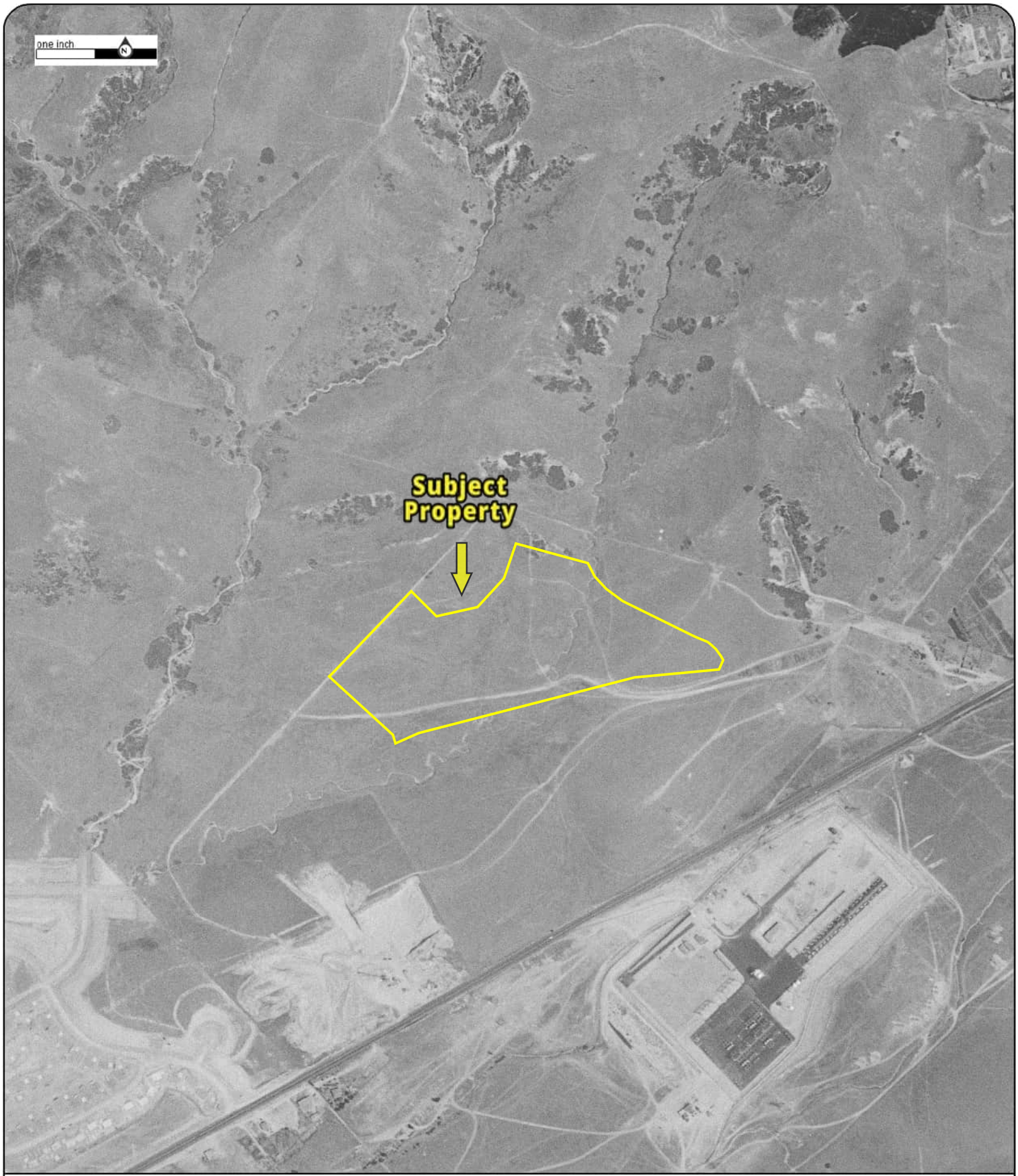


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Source: ASCS
Scale: 1" = 500'
Comment:

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Order No: 23031600529

PARTNER

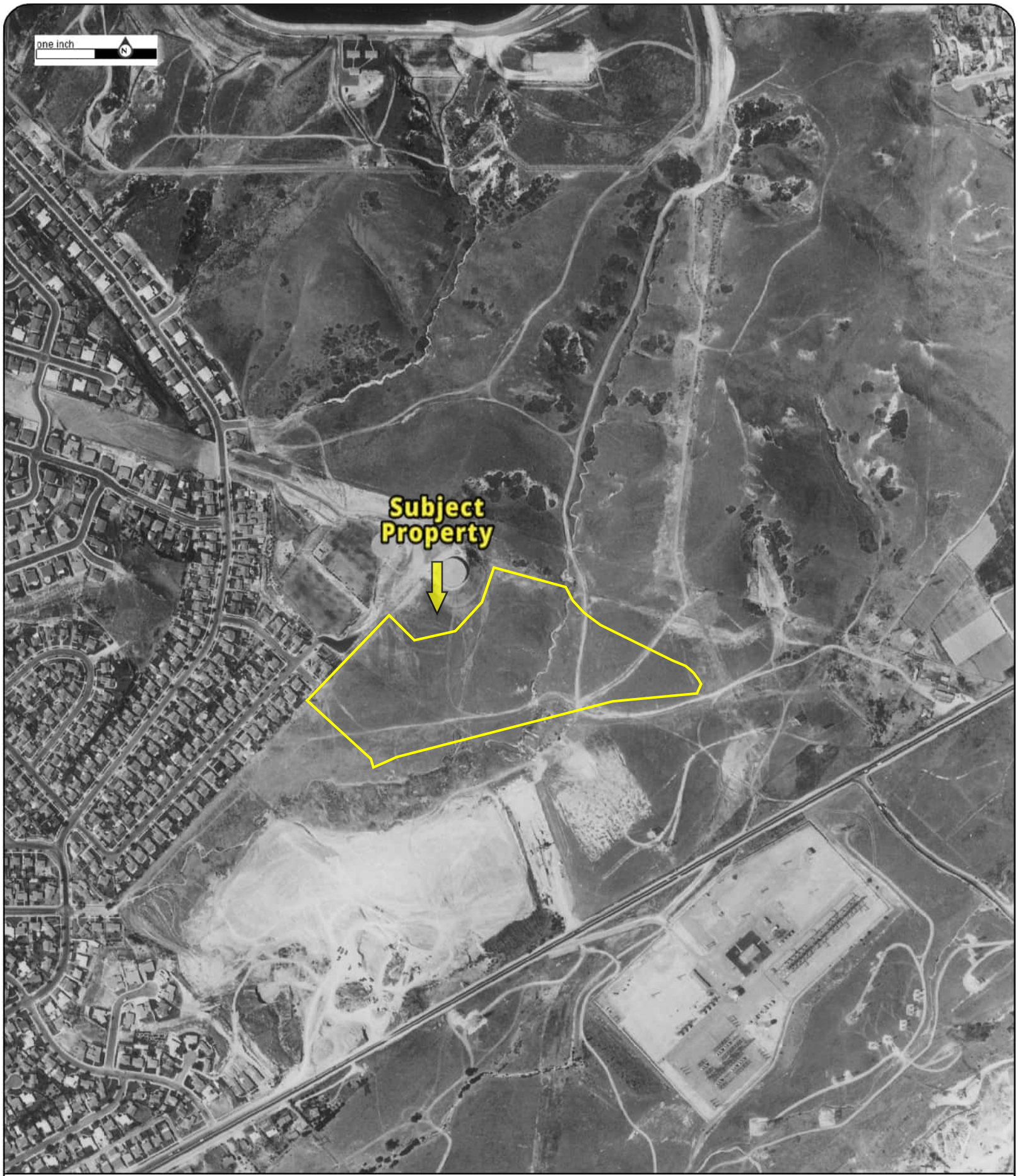


Year: 1948
Source: USGS
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 1956
Source: FAIRCHILD
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 1964
Source: USGS
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 1972
Source: USGS
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 1976
Source: TG
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 1987
Source: USGS
Scale: 1" = 500'
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Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER

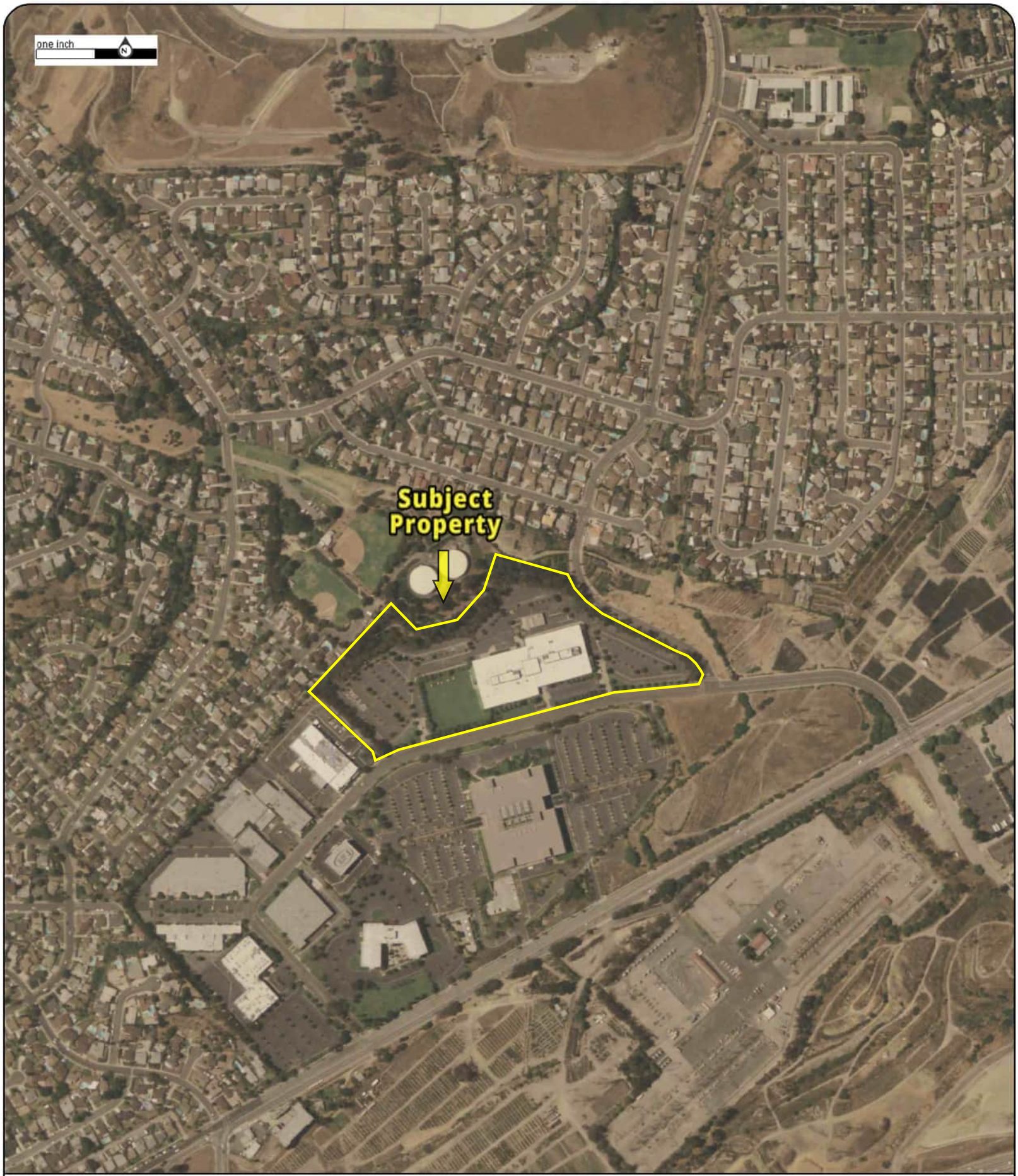


Year: 1994
Source: USGS
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Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER

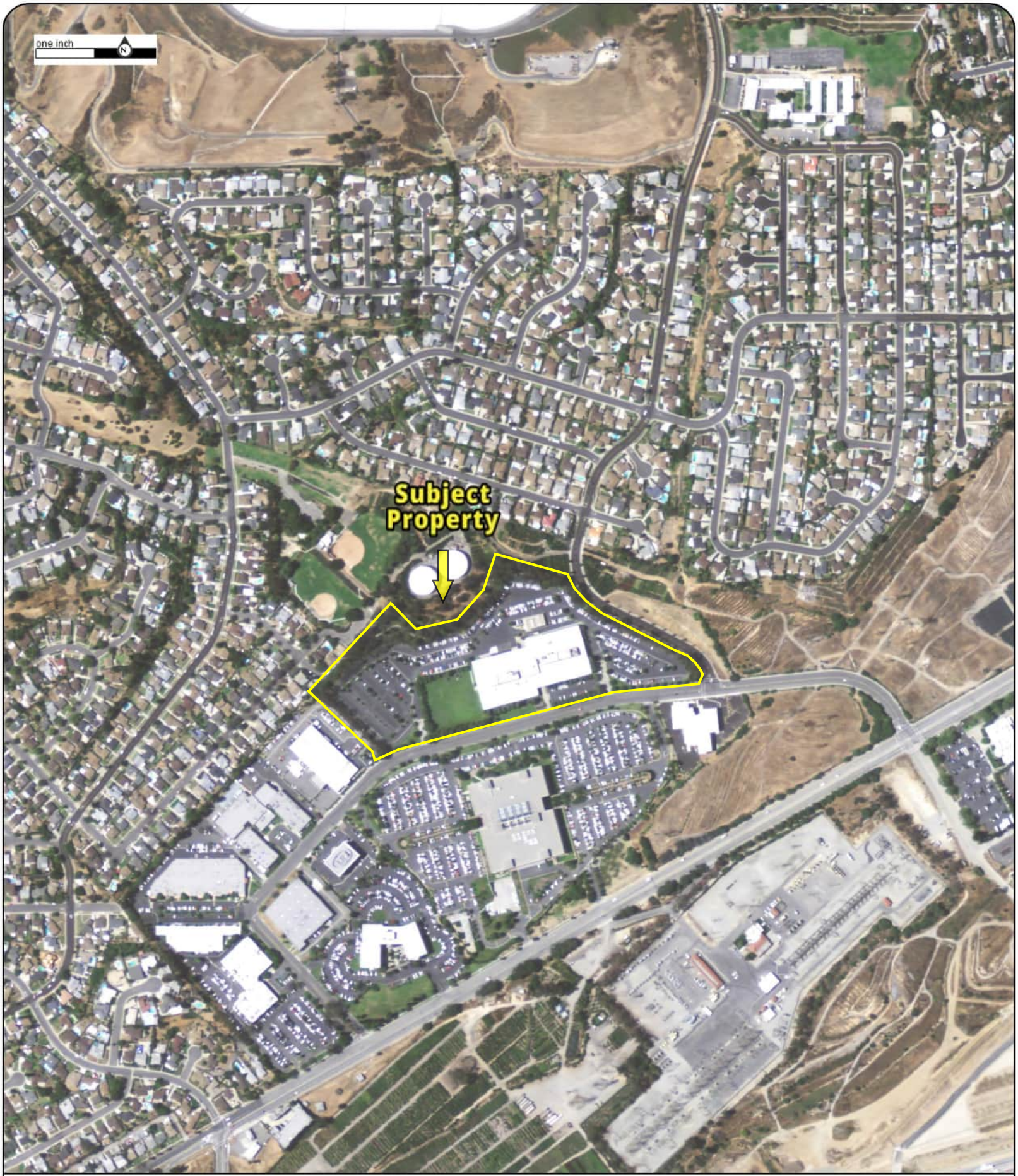


Year: 2005
Source: USDA
Scale: 1" = 500'
Comment:

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Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 2009
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 2010
Source: USDA
Scale: 1" = 500'
Comment:

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Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER

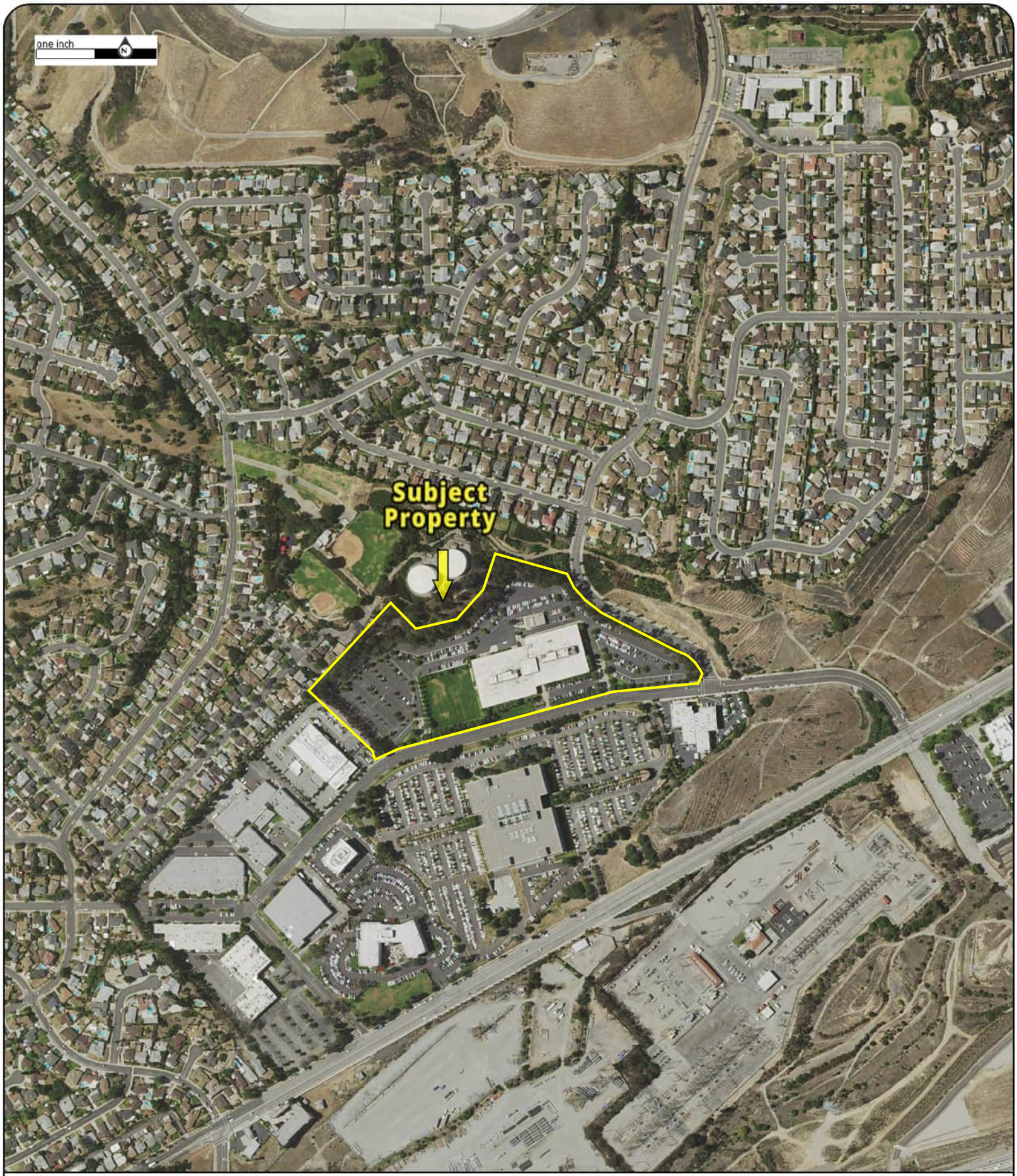


Year: 2012
Source: USDA
Scale: 1" = 500'
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Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 2014
Source: USDA
Scale: 1" = 500'
Comment:

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Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 2016
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 2018
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 2021
Source: MAXAR
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER

FIRE INSURANCE MAPS

Project Property:	1977 Saturn 1977 Saturn Street MONTEREY PARK CA 91755
Project No:	22-395605.1
Requested By:	Partner Engineering and Science, Inc.
Order No:	23031600529
Date Completed:	March 17, 2023

Please note that no information was found for your site or adjacent properties.

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

CITY DIRECTORY

Project Property:	*1977 Saturn* *1977 Saturn Street* *MONTEREY PARK,CA 91755*
Project No:	*22-395605.1*
Requested By:	*Partner Engineering and Science, Inc.*
Order No:	*23031600529*
Date Completed:	*March 23, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

March 23, 2023
RE: CITY DIRECTORY RESEARCH
1977 Saturn Street
MONTEREY PARK,CA 91755

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:
all of Clover Dr
1970-2075 of Fulton Ave
all of Iris Way
1900-2010 of S Orange Ave
all of Saturn St
Search Notes:

Search Results Summary

Date	Source	Comment
2022	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2011	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2000-01	HAINES	
1995-96	HAINES	
1990	HAINES	
1985	HAINES	
1979	HAINES	
1975	HAINES	
1972	HAINES	
1970	POLKS	
1965	POLKS	
1963	POLKS	
1949	LA DIRECTORY CO	
1943	LA DIRECTORY CO	
1941	LA DIRECTORY CO	
1939	LA DIRECTORY CO	
1935	LOS ANGELES DIRECTORY CO	
1930	LOS ANGELES DIRECTORY CO	
1926	LOS ANGELES DIRECTORY CO	

2022 CLOVER DR

SOURCE: DIGITAL BUSINESS DIRECTORY

2000 **BENJAMIN OKAZAKI**...*RESIDENTIAL*
2004 **JOSEPH DELGADILLO**...*RESIDENTIAL*
2005 **RUBEN DELATORRE**...*RESIDENTIAL*
2005 **TORRE DELA**...*RESIDENTIAL*
2007 **ERIK CALDERON**...*RESIDENTIAL*
2008 **CINDY HONG**...*RESIDENTIAL*
2008 **VINCENT VONG**...*RESIDENTIAL*
2011 **MARIA LOPEZ**...*RESIDENTIAL*
2012 **FIONEVANTE GIANNINO**...*RESIDENTIAL*
2020 **MARGARITA FRAGALE**...*RESIDENTIAL*
2023 **ATHENA YING**...*RESIDENTIAL*
2024 **JOHN ROMERO**...*RESIDENTIAL*
2027 **YAO CHONG KONG**...*RESIDENTIAL*
2028 **JOE CHAVEZ**...*RESIDENTIAL*
2035 **TRI NGO**...*RESIDENTIAL*
2036 **TJHIN-LUK LIONG**...*RESIDENTIAL*
2044 **NYAN THEAN**...*RESIDENTIAL*
2047 **ANNA FAN**...*RESIDENTIAL*
2048 **ARTHUR DE CURTINS**...*RESIDENTIAL*
2055 **GILBERT BAZURTO**...*RESIDENTIAL*
2056 **HOWARD ROBERTS**...*RESIDENTIAL*
2060 **JAIME DE LA TORRE**...*RESIDENTIAL*
2063 **JASON TSAI**...*RESIDENTIAL*
2063 **WARREN CHANG**...*RESIDENTIAL*
2064 **CAROLYN SHIMIZU**...*RESIDENTIAL*
2068 **SHIRLEY NAKAMURA**...*RESIDENTIAL*
2076 **ROBERT CHEUNG**...*RESIDENTIAL*
2076 **YAN AU**...*RESIDENTIAL*
2080 **FRANK GIOIA**...*RESIDENTIAL*

2022 FULTON AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1975 **ARMEN SEBASTIAN**...*RESIDENTIAL*
1978 **MERCEDES GARCIA**...*RESIDENTIAL*
1980 **VANCE IKKANDA**...*RESIDENTIAL*
1981 **ANDRE SOSNOWSKI II**...*RESIDENTIAL*
2001 **ROBERT FREDERIKSEN**...*RESIDENTIAL*
2008 **DIXIE BONAPARTE**...*RESIDENTIAL*
2009 **ABEL CASTELLANOS**...*RESIDENTIAL*
2009 **DOLORES CASTELLANOS**...*RESIDENTIAL*
2009 **JACQULINE PEREZ**...*RESIDENTIAL*
2012 **DEBRA QUINLY**...*RESIDENTIAL*
2013 **GABRIEL CERVANTES**...*RESIDENTIAL*
2016 **AKIKO MATSUMOTO**...*RESIDENTIAL*
2016 **JOE FENG**...*RESIDENTIAL*
2016 **MIKIO TAKASE**...*RESIDENTIAL*
2017 **JOHN ENG**...*RESIDENTIAL*
2021 **THANESSAK CHANTA**...*RESIDENTIAL*
2024 **ALLAN KAWAHARADA**...*RESIDENTIAL*
2025 **DIANE GOTORI**...*RESIDENTIAL*
2028 **TANG CHEUNG**...*RESIDENTIAL*
2033 **DAVID RUIZ**...*RESIDENTIAL*
2036 **EMERIC DUENAS**...*RESIDENTIAL*
2037 **CARMEN KARANASOS**...*RESIDENTIAL*
2041 **MICHAEL SILVA**...*RESIDENTIAL*
2044 **JOANN ARVIZU**...*RESIDENTIAL*
2044 **STEVEN BENITES**...*RESIDENTIAL*
2045 **ALLAN WONG**...*RESIDENTIAL*
2048 **JANICE MA**...*RESIDENTIAL*
2049 **EDWARD CHU**...*RESIDENTIAL*
2052 **CARLOS VALENZUELA**...*RESIDENTIAL*
2056 **KENNETH FIEBELKORN**...*RESIDENTIAL*
2060 **TAI KITCHING**...*RESIDENTIAL*
2061 **EDDIE PEREZ**...*RESIDENTIAL*
2064 **RAMON MOLINA**...*RESIDENTIAL*
2065 **RICHARD BENENQUECHEA**...*RESIDENTIAL*
2068 **FRANCESCA ARCHILLA**...*RESIDENTIAL*
2069 **DAVID SANGEN**...*RESIDENTIAL*
2073 **MUI LUONG**...*RESIDENTIAL*

2022 IRIS WAY

SOURCE: DIGITAL BUSINESS DIRECTORY

2106 **JENNIE REYNA**...*RESIDENTIAL*
2110 **ANH LAM**...*RESIDENTIAL*
2114 **VERONICA TORRES**...*RESIDENTIAL*
2118 **ROBERT MARTINEZ**...*RESIDENTIAL*

2022 S ORANGE AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2022 SATURN ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1980 **UNION BANK**...*BANKS*
2019 **MONTEREY PARK KENMORE REPAIR**...*APPLIANCES-HOUSEHOLD-MAJOR-REPAIRING*
2019 **MONTEREY PARK KENMORE REPAIR**...*APPLIANCES-HOUSEHOLD-SMALL-REPAIRING*
2019 **ROBERT ODAMA**...*RESIDENTIAL*
2019 **VETERINARY HEALTHCARE CTR**...*ANIMAL HOSPITALS*
2051 **TMC POWER EQUIPMENT CO**...*IMPORTERS (WHLS)*
2051 **TMC POWER EQUIPMENT CO**...*FISHING TACKLEDEALERS*
2051 **TMC POWER EQUIPMENT CO**...*SAWS*
2051 **TMC POWER EQUIPMENT CO**...*ENGINES-GASOLINE*

2020 CLOVER DR

SOURCE: DIGITAL BUSINESS DIRECTORY

2000 **BENJAMIN OKAZAKI**...*RESIDENTIAL*
2000 **CATALINA KAMIMURA**...*RESIDENTIAL*
2004 **JOSEPH DELGADILLO**...*RESIDENTIAL*
2005 **RUBEN DELATORRE**...*RESIDENTIAL*
2005 **TORRE DELA**...*RESIDENTIAL*
2007 **ERIK CALDERON**...*RESIDENTIAL*
2008 **CINDY HONG**...*RESIDENTIAL*
2011 **GILBERT LOPEZ**...*RESIDENTIAL*
2012 **BEATRICE GIANNINO**...*RESIDENTIAL*
2015 **CHRISTINE PENA**...*RESIDENTIAL*
2020 **MARGARITA FRAGALE**...*RESIDENTIAL*
2023 **ATHENA YING**...*RESIDENTIAL*
2024 **ADELINA ROMERO**...*RESIDENTIAL*
2027 **XIAO KONG**...*RESIDENTIAL*
2028 **EVA CHAVEZ**...*RESIDENTIAL*
2035 **HEATHER NGO**...*RESIDENTIAL*
2035 **RICK NGO**...*RESIDENTIAL*
2036 **MAN LIONG**...*RESIDENTIAL*
2036 **YANG LIN**...*RESIDENTIAL*
2039 **JUSTIN YEO**...*RESIDENTIAL*
2040 **ALBERT ROBLES**...*RESIDENTIAL*
2044 **NYAN THEAN**...*RESIDENTIAL*
2047 **ANNA FAN**...*RESIDENTIAL*
2047 **SHING FAN**...*RESIDENTIAL*
2048 **ARTHUR DE CURTINS**...*RESIDENTIAL*
2055 **GILBERT BAZURTO**...*RESIDENTIAL*
2056 **DOLORES ROBERTS**...*RESIDENTIAL*
2060 **JAIME DE LA TORRE**...*RESIDENTIAL*
2063 **JASON TSAI**...*RESIDENTIAL*
2063 **TIM CHANG**...*RESIDENTIAL*
2063 **WENDY CHANG**...*RESIDENTIAL*
2064 **CAROLYN SHIMIZU**...*RESIDENTIAL*
2067 **GUSTAVO JIMENEZ**...*RESIDENTIAL*
2068 **SHIRLEY NAKAMURA**...*RESIDENTIAL*
2072 **EMILINE PROUD**...*RESIDENTIAL*
2076 **ROBERT CHEUNG**...*RESIDENTIAL*
2076 **YAN AU**...*RESIDENTIAL*

2020 FULTON AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1975 **ARMEN SEBASTIAN**...*RESIDENTIAL*
1978 **ANN GARCIA**...*RESIDENTIAL*
1979 **MIRA DURAN**...*RESIDENTIAL*
1981 **DENISE SOSNOWSKI**...*RESIDENTIAL*
2001 **PATRICIA FREDERIKSEN**...*RESIDENTIAL*
2008 **DIXIE BONAPARTE**...*RESIDENTIAL*
2009 **ABEL CASTELLANOS**...*RESIDENTIAL*
2009 **JACQULINE PEREZ**...*RESIDENTIAL*
2012 **DEBRA QUINLY**...*RESIDENTIAL*
2013 **GABRIEL CERVANTES**...*RESIDENTIAL*
2016 **AKIKO MATSUMOTO**...*RESIDENTIAL*
2016 **JOE FENG**...*RESIDENTIAL*
2016 **MIKIO TAKASE**...*RESIDENTIAL*
2017 **JOHN ENG**...*RESIDENTIAL*
2021 **SOOKPANEE CHANTA**...*RESIDENTIAL*
2024 **ALLAN KAWAHARADA**...*RESIDENTIAL*
2025 **DIANE GOTORI**...*RESIDENTIAL*
2028 **JEANNIE CHEUNG**...*RESIDENTIAL*
2029 **FRANK VASQUEZ**...*RESIDENTIAL*
2029 **LYDIA VASQUEZ**...*RESIDENTIAL*
2036 **EMERIC DUENAS**...*RESIDENTIAL*
2037 **CARMEN KARANASOS**...*RESIDENTIAL*
2038 **HENRY LI**...*RESIDENTIAL*
2041 **MICHAEL SILVA**...*RESIDENTIAL*
2044 **JOANN ARVIZU**...*RESIDENTIAL*
2045 **ALLAN WONG**...*RESIDENTIAL*
2048 **JANICE MA**...*RESIDENTIAL*
2049 **EDWARD CHU**...*RESIDENTIAL*
2052 **CARLOS VALENZUELA**...*RESIDENTIAL*
2053 **FUMIKO JINKAWA**...*RESIDENTIAL*
2056 **BETTY FIEBELKORN**...*RESIDENTIAL*
2060 **TAI KITCHING**...*RESIDENTIAL*
2061 **ANGELA PEREZ**...*RESIDENTIAL*
2061 **JACKIE YBARRA**...*RESIDENTIAL*
2065 **RICHARD BENENQUECHEA**...*RESIDENTIAL*
2069 **DAVID SANGEN**...*RESIDENTIAL*
2072 **MARY VARTANIAN**...*RESIDENTIAL*
2073 **JASMINE KO**...*RESIDENTIAL*
2073 **MUI LUONG**...*RESIDENTIAL*

2020 IRIS WAY

SOURCE: DIGITAL BUSINESS DIRECTORY

2106 **JENNIE REYNA**...*RESIDENTIAL*
2114 **VERONICA TORRES**...*RESIDENTIAL*
2118 **ROBERT MARTINEZ**...*RESIDENTIAL*

2020 S ORANGE AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1950 **EUPHEMIA LEE**...*RESIDENTIAL*

2020 SATURN ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1980 **UNION BANK**...*BANKS*
2019 **ROBERT ODAMA**...*RESIDENTIAL*
2019 **VETERINARY HEALTHCARE CTR**...*ANIMAL HOSPITALS*
2051 **TMC POWER EQUIPMENT CO**...*ENGINES-GASOLINE*
2051 **TMC POWER EQUIPMENT CO**...*FISHING TACKLEDEALERS*
2051 **TMC POWER EQUIPMENT CO**...*IMPORTERS (WHLS)*
2051 **TMC POWER EQUIPMENT CO**...*SAWS*

2016 CLOVER DR

SOURCE: DIGITAL BUSINESS DIRECTORY

2000 **BENJAMIN OKAZAKI**...*RESIDENTIAL*
2000 **CATALINA KAMIMURA**...*RESIDENTIAL*
2000 **MAS OKAZAKI**...*RESIDENTIAL*
2004 **JOSEPH DELGADILLO**...*RESIDENTIAL*
2005 **RUBEN DELATORRE**...*RESIDENTIAL*
2005 **TERRI DELATORRE**...*RESIDENTIAL*
2005 **TORRE DELA**...*RESIDENTIAL*
2008 **CINDY HONG**...*RESIDENTIAL*
2008 **VINCENT VONG**...*RESIDENTIAL*
2011 **GILBERT LOPEZ**...*RESIDENTIAL*
2011 **MARIA LOPEZ**...*RESIDENTIAL*
2011 **NICHOLAS LOPEZ**...*RESIDENTIAL*
2011 **VANESSA LOPEZ**...*RESIDENTIAL*
2012 **BEATRICE GIANNINO**...*RESIDENTIAL*
2012 **FIONEVANTE GIANNINO**...*RESIDENTIAL*
2015 **CHRISTINE PENA**...*RESIDENTIAL*
2015 **EDDIE PENA**...*RESIDENTIAL*
2020 **MARGARITA FRAGALE**...*RESIDENTIAL*
2023 **ATHENA YING**...*RESIDENTIAL*
2023 **CHENGYEN YING**...*RESIDENTIAL*
2023 **DEANNA YING**...*RESIDENTIAL*
2024 **ADELINA ROMERO**...*RESIDENTIAL*
2024 **CHRISTOPHER ROMERO**...*RESIDENTIAL*
2024 **JOHN ROMERO**...*RESIDENTIAL*
2027 **XIAO KONG**...*RESIDENTIAL*
2027 **YAO CHONG KONG**...*RESIDENTIAL*
2028 **EVA CHAVEZ**...*RESIDENTIAL*
2028 **JOE CHAVEZ**...*RESIDENTIAL*
2035 **HEATHER NGO**...*RESIDENTIAL*
2035 **RICK NGO**...*RESIDENTIAL*
2035 **SUSIE AU**...*RESIDENTIAL*
2035 **TRACY NGO**...*RESIDENTIAL*
2035 **TRI NGO**...*RESIDENTIAL*
2036 **MAN LIONG**...*RESIDENTIAL*
2036 **TJHIN-LUK LIONG**...*RESIDENTIAL*
2036 **YANG LIN**...*RESIDENTIAL*
2039 **JUSTIN YEO**...*RESIDENTIAL*
2040 **ALBERT ROBLES**...*RESIDENTIAL*
2044 **NYAN THEAN**...*RESIDENTIAL*
2047 **ANNA FAN**...*RESIDENTIAL*
2047 **CONNIE FAN**...*RESIDENTIAL*
2047 **SHING FAN**...*RESIDENTIAL*
2055 **GILBERT BAZURTO**...*RESIDENTIAL*
2055 **HELENE BAZURTO**...*RESIDENTIAL*
2056 **DOLORES ROBERTS**...*RESIDENTIAL*
2056 **HOWARD ROBERTS**...*RESIDENTIAL*
2060 **JAIME DE LA TORRE**...*RESIDENTIAL*
2060 **MARIA DE LA TORRE**...*RESIDENTIAL*
2060 **MAYRA DELATORRE**...*RESIDENTIAL*
2063 **TIM CHANG**...*RESIDENTIAL*
2063 **WARREN CHANG**...*RESIDENTIAL*
2063 **WENDY CHANG**...*RESIDENTIAL*
2064 **CAROLYN SHIMIZU**...*RESIDENTIAL*
2067 **GUSTAVO JIMENEZ**...*RESIDENTIAL*
2068 **SHIRLEY NAKAMURA**...*RESIDENTIAL*
2072 **EMILINE PROUD**...*RESIDENTIAL*
2076 **ROBERT CHEUNG**...*RESIDENTIAL*
2076 **YAN AU**...*RESIDENTIAL*

2016 FULTON AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1970 **JOSEPH PANACCI**...*RESIDENTIAL*
1970 **MARY PANACCI**...*RESIDENTIAL*
1974 **JASON KREUTZER**...*RESIDENTIAL*
1975 **ARMEN SEBASTIAN**...*RESIDENTIAL*
1975 **TERESA SEBASTIAN**...*RESIDENTIAL*
1978 **ANN GARCIA**...*RESIDENTIAL*
1978 **MERCEDES GARCIA**...*RESIDENTIAL*
1979 **MIRA DURAN**...*RESIDENTIAL*
1981 **ANDRE SOSNOWSKI II**...*RESIDENTIAL*
1981 **DENISE SOSNOWSKI**...*RESIDENTIAL*
1981 **ERLINDA SOSNOWSKI**...*RESIDENTIAL*
1981 **ROBERT SOSNOWSKI**...*RESIDENTIAL*
2001 **PATRICIA FREDERIKSEN**...*RESIDENTIAL*
2001 **ROBERT FREDERIKSEN**...*RESIDENTIAL*
2005 **YUNSHENG LEI**...*RESIDENTIAL*
2008 **DIXIE BONAPARTE**...*RESIDENTIAL*
2009 **JACQULINE PEREZ**...*RESIDENTIAL*
2012 **DEBRA QUINLY**...*RESIDENTIAL*
2012 **ERIKA QUINLY**...*RESIDENTIAL*
2013 **GABRIEL CERVANTES**...*RESIDENTIAL*
2016 **AKIKO MATSUMOTO**...*RESIDENTIAL*
2016 **JOE FENG**...*RESIDENTIAL*
2016 **MIKIO TAKASE**...*RESIDENTIAL*
2017 **JOHN ENG**...*RESIDENTIAL*
2017 **WINNIE ENG**...*RESIDENTIAL*
2021 **SOOKPANEE CHANTA**...*RESIDENTIAL*
2021 **THANESSAK CHANTA**...*RESIDENTIAL*
2024 **ALLAN KAWAHARADA**...*RESIDENTIAL*
2024 **JUNE KAWAHARADA**...*RESIDENTIAL*
2025 **DIANE GOTORI**...*RESIDENTIAL*
2025 **YAYOI GOTORI**...*RESIDENTIAL*
2029 **FRANK VASQUEZ**...*RESIDENTIAL*
2029 **LYDIA VASQUEZ**...*RESIDENTIAL*
2032 **RUDY CARVAJAL**...*RESIDENTIAL*
2036 **EMERIC DUENAS**...*RESIDENTIAL*
2036 **FRANCYN DUENAS**...*RESIDENTIAL*
2037 **CARMEN KARANASOS**...*RESIDENTIAL*
2037 **MIKE KARANASOS**...*RESIDENTIAL*
2038 **HENRY LI**...*RESIDENTIAL*
2038 **SIAD-SHUN LI**...*RESIDENTIAL*
2038 **WAYNE LI**...*RESIDENTIAL*
2038 **XIA MING LI**...*RESIDENTIAL*
2041 **MICHAEL SILVA**...*RESIDENTIAL*
2041 **SONIA SILVA**...*RESIDENTIAL*
2044 **ESTHER BENITES**...*RESIDENTIAL*
2044 **STEVEN BENITES**...*RESIDENTIAL*
2045 **ALLAN WONG**...*RESIDENTIAL*
2045 **AMY WONG**...*RESIDENTIAL*
2045 **ANNIE WONG**...*RESIDENTIAL*
2045 **RUBY WONG**...*RESIDENTIAL*
2048 **JANICE MA**...*RESIDENTIAL*
2049 **EDWARD CHU**...*RESIDENTIAL*
2052 **CARLOS VALENZUELA**...*RESIDENTIAL*
2053 **FUMIKO JINKAWA**...*RESIDENTIAL*
2056 **BETTY FIEBELKORN**...*RESIDENTIAL*
2056 **KENNETH FIEBELKORN**...*RESIDENTIAL*
2060 **TAI KITCHING**...*RESIDENTIAL*
2061 **ANGELA PEREZ**...*RESIDENTIAL*
2061 **EDDIE PEREZ**...*RESIDENTIAL*
2064 **YOLANDA PARRA**...*RESIDENTIAL*
2065 **RICHARD BENENQUECHEA**...*RESIDENTIAL*
2065 **ROSIE BENQUECHEA**...*RESIDENTIAL*
2065 **VICTORIA BENQUECHEA**...*RESIDENTIAL*
2069 **DAVID SANGEN**...*RESIDENTIAL*
2072 **MARY VARTANIAN**...*RESIDENTIAL*
2073 **JASMINE KO**...*RESIDENTIAL*
2073 **LORI KO**...*RESIDENTIAL*
2073 **MUI LUONG**...*RESIDENTIAL*

2016 IRIS WAY

SOURCE: DIGITAL BUSINESS DIRECTORY

2106 **JENNIE REYNA**...*RESIDENTIAL*
2114 **VERONICA TORRES**...*RESIDENTIAL*
2118 **ROBERT MARTINEZ**...*RESIDENTIAL*
2204 **MARY SARNI**...*RESIDENTIAL*
2204 **TONY SARNI**...*RESIDENTIAL*

2016 S ORANGE AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1950 **EUPHEMIA LEE**...*RESIDENTIAL*
1950 **FAY LEE**...*RESIDENTIAL*
1950 **LINDA LEE**...*RESIDENTIAL*
1950 **MARY KAY COSMETICS**...*COSMETICS & PERFUMES-RETAIL*

2016 SATURN ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1977 **ATM**...*AUTOMATED TELLER MACHINES*
1977 **BANK OF THE WEST**...*BANKS*
1977 **F I S**...*UNCLASSIFIED ESTABLISHMENTS*
1980 **UNION BANK**...*AUTOMATED TELLER MACHINES*
1980 **UNION BANK**...*BANKS*
1980 **UNION BANK ATM**...*AUTOMATED TELLER MACHINES*
2019 **MONTEREY PARK KENMORE REPAIR**...*APPLIANCE REPAIR & MAINTENANCE*
2019 **ROBERT ODAMA**...*RESIDENTIAL*
2051 **TMC POWER EQUIPMENT CO**...*ENGINES-GASOLINE*
2051 **TMC POWER EQUIPMENT CO**...*IMPORTERS (WHLS)*
2100 **CHUI PROFESSIONAL ENGINEER**...*ENGINEERS*
2100 **IMG FINANCIAL SOLUTIONS**...*FINANCIAL PLANNING CONSULTANTS*
2100 **WIND MEDIA INC**...*MULTIMEDIA (MFRS)*

2011 CLOVER DR

SOURCE: DIGITAL BUSINESS DIRECTORY

2004 **JOSEPH DELGADILLO**...*RESIDENTIAL*
2008 **CINDY HONG**...*RESIDENTIAL*
2008 **VINCENT VONG**...*RESIDENTIAL*
2012 **BEATRICE GIANNINO**...*RESIDENTIAL*
2015 **EDDIE PENA**...*RESIDENTIAL*
2015 **WILLIAM PENA**...*RESIDENTIAL*
2016 **WALLY TSUI**...*RESIDENTIAL*
2020 **MARGARITA FRAGALE**...*RESIDENTIAL*
2023 **ATHENA YING**...*RESIDENTIAL*
2023 **CHENGYEN YING**...*RESIDENTIAL*
2023 **DEANNA YING**...*RESIDENTIAL*
2024 **ADELINA ROMERO**...*RESIDENTIAL*
2027 **WAO KONG**...*RESIDENTIAL*
2035 **TRACY NGO**...*RESIDENTIAL*
2035 **TRINH NGO**...*RESIDENTIAL*
2036 **MATTHEW LIN**...*RESIDENTIAL*
2036 **OIKHIM LIONG**...*RESIDENTIAL*
2036 **SILVIA LIONG**...*RESIDENTIAL*
2036 **SUK LIONG**...*RESIDENTIAL*
2036 **TJHIN LIONG**...*RESIDENTIAL*
2036 **YANG LIONG**...*RESIDENTIAL*
2039 **SIGNE MARANZANO**...*RESIDENTIAL*
2040 **ALBERT ROBLES**...*RESIDENTIAL*
2043 **AARON REGALADO**...*RESIDENTIAL*
2043 **JAMILLE REGALADO**...*RESIDENTIAL*
2043 **TERRI REGALADO**...*RESIDENTIAL*
2044 **NYAN THAN**...*RESIDENTIAL*
2048 **RUTH DECURTINS**...*RESIDENTIAL*
2056 **HOWARD ROBERTS**...*RESIDENTIAL*
2060 **JAIME DELATORRE**...*RESIDENTIAL*
2060 **MARIA DELATORRE**...*RESIDENTIAL*
2063 **SUSAN CHANG**...*RESIDENTIAL*
2063 **TIM CHANG**...*RESIDENTIAL*
2063 **WARREN CHANG**...*RESIDENTIAL*
2063 **WENDY CHANG**...*RESIDENTIAL*
2064 **CAROLYN SHIMIZU**...*RESIDENTIAL*
2067 **GUSTAVO JIMENEZ**...*RESIDENTIAL*
2071 **ANTHONY FARINA**...*RESIDENTIAL*
2071 **JOSEPHINE FARINA**...*RESIDENTIAL*
2076 **YAN AU**...*RESIDENTIAL*

2011 FULTON AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1970 **JOE PANACCI**...*RESIDENTIAL*
1974 **PAOLA SKOGLAND**...*RESIDENTIAL*
1975 **TERESA SEBASTIAN**...*RESIDENTIAL*
1979 **MIRA DURAN**...*RESIDENTIAL*
1981 **ERLINDA SOSNOWSKI**...*RESIDENTIAL*
1981 **ROBERT SOSNOWSKI**...*RESIDENTIAL*
2000 **ETHAN BUCKHORN**...*RESIDENTIAL*
2000 **MERCEDES BUCKHORN**...*RESIDENTIAL*
2001 **PATRICIA FREDERIKSEN**...*RESIDENTIAL*
2008 **DIXIE BONAPARTE**...*RESIDENTIAL*
2009 **JACQULINE PEREZ**...*RESIDENTIAL*
2016 **JOSEPH FENG**...*RESIDENTIAL*
2017 **BRIAN ENG**...*RESIDENTIAL*
2017 **DAVID ENG**...*RESIDENTIAL*
2017 **JOHN ENG**...*RESIDENTIAL*
2017 **VINCENT ENG**...*RESIDENTIAL*
2017 **WINNIE ENG**...*RESIDENTIAL*
2024 **ALLAN KAWAHARADA**...*RESIDENTIAL*
2024 **JON KAWAHARADA**...*RESIDENTIAL*
2024 **JUNE KAWA**...*RESIDENTIAL*
2024 **KIM KATO**...*RESIDENTIAL*
2024 **PAIGE KATO**...*RESIDENTIAL*
2028 **JEANNIE CHEUNG**...*RESIDENTIAL*
2028 **TANG CHEUNG**...*RESIDENTIAL*
2029 **FRANK VASQUEZ**...*RESIDENTIAL*
2029 **LYDIA VASQUEZ**...*RESIDENTIAL*
2033 **DAVID RUIZ**...*RESIDENTIAL*
2033 **FERNANDO RUIZ**...*RESIDENTIAL*
2037 **CARMEN KARANASOS**...*RESIDENTIAL*
2037 **MIKE KARANASOS**...*RESIDENTIAL*
2038 **SIAO LI**...*RESIDENTIAL*
2038 **XIA LI**...*RESIDENTIAL*
2044 **ESTHER BENITES**...*RESIDENTIAL*
2045 **ALLAN WONG**...*RESIDENTIAL*
2045 **ANNIE WONG**...*RESIDENTIAL*
2045 **RUBY WONG**...*RESIDENTIAL*
2048 **JANICE MA**...*RESIDENTIAL*
2056 **BETTY FIEBELKORN**...*RESIDENTIAL*
2056 **KENNTH FIEBELKORN**...*RESIDENTIAL*
2056 **SALLY FIEBELKORN**...*RESIDENTIAL*
2060 **GREG RAMIREZ**...*RESIDENTIAL*
2060 **MADELYN RAMIREZ**...*RESIDENTIAL*
2060 **NOAH RAMIREZ**...*RESIDENTIAL*
2061 **EDDIE PEREZ**...*RESIDENTIAL*
2061 **EDUARDO PEREZ**...*RESIDENTIAL*
2068 **FRANCESCA ARCHILLA**...*RESIDENTIAL*

2011 IRIS WAY

SOURCE: DIGITAL BUSINESS DIRECTORY

2110 **ANH LAM**...*RESIDENTIAL*
2110 **LINDA LAM**...*RESIDENTIAL*
2200 **ARTHUR PURVIS**...*RESIDENTIAL*
2200 **MARIE PURVIS**...*RESIDENTIAL*

2011 S ORANGE AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1950 **EUPHEMIA LEE**...*RESIDENTIAL*
1950 **LINDA LEE**...*RESIDENTIAL*
1950 **MARY KAY COSMETICS**...*COSMETIC & BEAUTY SUPPLY STORES*
1950 **SPENSER LEE**...*RESIDENTIAL*

2011 SATURN ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1977 **BANK OF THE WEST**...*COMMERCIAL BANKING*
2019 **FKC INTL INC**...*MARKETING RESEARCH & PUBLIC OPEN POLLING*
2051 **TMC POWER EQUIPMENT CO**...*ALL OTHER DURABLE GOODS MERCHANT WHOLS*
2100 **CARETRANS FREIGHT SVC INC**...*FREIGHT TRANSPORTATION ARRANGEMENT*
2100 **CHUI PROFESSIONAL ENGINEER**...*ENGINEERING SVCS*
2100 **FOREVER LIGHT FOUNDATION**...*OTHER INDIVIDUAL & FAMILY SVCS*
2100 **HAO LIN INVESTMENT USA LTD**...*ALL OTHER DURABLE GOODS MERCHANT WHOLS*
2100 **INNOVATIVE MORTGAGE GROUP INC**...*REAL ESTATE CREDIT*
2100 **J C CORE CORP**...*COMMERCIAL BUILDING CONSTRUCTION*
2100 **LIMA HIZON LUZANA ARCHITECTS**...*ARCHITECTURAL SVCS*
2100 **SEACLIFF DIAGNOSTICS MED GROUP**...*MEDICAL LABORATORIES*
2100 **SPRING EDUCATION INSTITUTE**...*EDUCATIONAL SUPPORT SVCS*
2100 **VINCENT CHUI CONSULTING ENGR**...*ENGINEERING SVCS*
2100 **WIND MEDIA INC**...*ALL OTHER PUBLISHERS*

2008 CLOVER DR

SOURCE: DIGITAL BUSINESS DIRECTORY

2000 **BEN OKAZAKI**...*RESIDENTIAL*
2000 **MAS OKAZAKI**...*RESIDENTIAL*
2004 **R DELGADILLO**...*RESIDENTIAL*
2008 **VINCENT VONG**...*RESIDENTIAL*
2012 **F B GIANNINO**...*RESIDENTIAL*
2016 **GAVIN B LAWRENCE**...*RESIDENTIAL*
2019 **ANNA GLASS**...*RESIDENTIAL*
2020 **FRANK FRAGALE**...*RESIDENTIAL*
2023 **CHEE K KWONG**...*RESIDENTIAL*
2023 **CHENG-YEN YING**...*RESIDENTIAL*
2023 **JIAN Q LIN**...*RESIDENTIAL*
2036 **TJHINLUK LIONG**...*RESIDENTIAL*
2043 **JAMILLE REGALADO**...*RESIDENTIAL*
2048 **ARTHUR R DE CURTINS**...*RESIDENTIAL*
2052 **JASON TSAI**...*RESIDENTIAL*
2056 **H L ROBERTS**...*RESIDENTIAL*
2060 **TORRE JAIME DE LA**...*RESIDENTIAL*
2068 **S T NAKAMURA**...*RESIDENTIAL*
2071 **PETE S FARINA**...*RESIDENTIAL*

2008 FULTON AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1970 **JOE PANACCI**...*RESIDENTIAL*
1974 **AL SKOGLAND**...*RESIDENTIAL*
1974 **JASON KREUTZER**...*RESIDENTIAL*
1975 **CYNTHIA REAL**...*RESIDENTIAL*
1979 **MIRA DURAN**...*RESIDENTIAL*
2001 **EARL B FREDERIKSEN**...*RESIDENTIAL*
2004 **CHANG CHANG G LI**...*RESIDENTIAL*
2004 **CHANG G LI**...*RESIDENTIAL*
2017 **JOHN Y ENG**...*RESIDENTIAL*
2020 **YUN M CHEN**...*RESIDENTIAL*
2021 **PARICHUT SRICHOO**...*RESIDENTIAL*
2024 **ALLAN KAWAHARADA**...*RESIDENTIAL*
2029 **FRANK VASQUEZ**...*RESIDENTIAL*
2038 **XIA MING LI**...*GENERAL CROP FARM*
2053 **BEN JINKAWA**...*RESIDENTIAL*
2056 **KENNTH L FIEBELKORN**...*RESIDENTIAL*
2060 **GREG RAMIREZ**...*RESIDENTIAL*
2060 **NOAH J RAMIREZ**...*RESIDENTIAL*
2068 **KENTARO KISHI**...*RESIDENTIAL*
2068 **TAKAO MATSUSHIMA**...*RESIDENTIAL*

2008 IRIS WAY

SOURCE: DIGITAL BUSINESS DIRECTORY

2110 **W KEENA**...*RESIDENTIAL*
2118 **MICHAEL MARTINEZ**...*RESIDENTIAL*

2008 S ORANGE AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1950 **MARY KAY COSMETICS**...*TOILETRIES,COSM,PERF*

2008 SATURN ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1977 **BANK OF THE WEST**...*NATIONAL COML BANKS*
1980 **BANK ONE UBOC PRIMARY**...*NATIONAL COMMERCIAL BANK*
1980 **EADS TELECOM NORTH AMERICA**...*REPAIR TELEPHONE EQUIP*
1980 **INVESTMENT DEVELOPMENT SVCS**...*REAL ESTATE AGENTS AND MANAGERS*
1980 **UNION BANK CALIFORNIA NA**...*NATIONAL COMMERCIAL BANK*
2019 **AXT OPTO ELECTRONICS**...*MFG FIBER OPTIC COMPONENTS*
2019 **FKC INTL INC**...*MRKTING CONSULT SVCS*
2019 **INTERNATIONAL INC**...*IMPORTERS*
2019 **VETERINARY HEALTHCARE CTR**...*VETERINARY SPC SVS*
2051 **ELEMENTAL PRODUCTS INC**...*ELEMENTARY/SECONDARY SCHOOL*
2051 **TMC POWER EQUIPMENT CO**...*IMPORTERS*
2100 **AMSON INVESTMENT LLC**...*INVESTOR*
2100 **CARETRANS FREIGHT SVC INC**...*FREIGHT FORWARDING*
2100 **HAKKA FOUNDATION**...*ENGINEERING SERVICE*
2100 **HAO LIN INVESTMENT USA LTD**...*IMPORTERS*
2100 **INNOVATIVE MORTGAGE GROUP INC**...*MORTGAGE BANKERS*
2100 **J C CORE CORP**...*COMM/OFF BLDG NEW CON*
2100 **LIMA HIZON LUZANA ARCHITECTS**...*ARCHITECTURAL SVS*
2100 **MILL GROUP**...*MORTGAGE BANKERS*
2100 **SEACLIFF DIAGNOSTICS MED GROUP**...*MEDICAL LABORATORY*
2100 **SPRING EDUCATION INSTITUTE**...*EDUCATIONAL SERVICES*
2100 **VINCENT CHUI CNSLTNG ENGINEER**...*ENGINEERING SERVICE*

2003 CLOVER DR

SOURCE: DIGITAL BUSINESS DIRECTORY

2000 **MAS OKAZAKI**...*RESIDENTIAL*
2001 **R L MCDANIEL**...*RESIDENTIAL*
2016 **GAVIN B LAWRENCE**...*RESIDENTIAL*
2019 **SAML GLASS**...*RESIDENTIAL*
2020 **FRANK FRAGALE**...*RESIDENTIAL*
2023 **CHENG-YEN YING**...*RESIDENTIAL*
2024 **PAUL R ORTIZ**...*RESIDENTIAL*
2036 **AMELIA MELODY ANG**...*RESIDENTIAL*
2040 **LAWRENCE ROBLEDO**...*RESIDENTIAL*
2043 **JAMILLE MRS REGALADO**...*RESIDENTIAL*
2044 **ALFRED DURAN**...*RESIDENTIAL*
2048 **ARTHUR R DE CURTINS**...*RESIDENTIAL*
2055 **DAVID T ESTRADA**...*RESIDENTIAL*
2056 **H L ROBERTS**...*RESIDENTIAL*
2060 **TORRE JAIME DE LA**...*RESIDENTIAL*
2068 **S T NAKAMURA**...*RESIDENTIAL*
2071 **PETE S FARINA**...*RESIDENTIAL*
2072 **MILTON LEVY**...*RESIDENTIAL*

2003 FULTON AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1970 **JOE PANACCI**...*RESIDENTIAL*
1974 **AL SKOGLAND**...*RESIDENTIAL*
1974 **JASON KREUTZER**...*RESIDENTIAL*
1979 **MIRA DURAN**...*RESIDENTIAL*
2001 **EARL B FREDERIKSEN**...*RESIDENTIAL*
2008 **FAY M KNOTTS**...*RESIDENTIAL*
2012 **TONY PROPERNICK**...*RESIDENTIAL*
2013 **HARRY DOBKIN**...*RESIDENTIAL*
2016 **MARK QUINLY**...*RESIDENTIAL*
2017 **JOHN Y ENG**...*RESIDENTIAL*
2024 **ALLAN KAWAHARADA**...*RESIDENTIAL*
2029 **FRANK VASQUEZ**...*RESIDENTIAL*
2033 **MILTON MIZER**...*RESIDENTIAL*
2036 **CARL M MELLIES**...*RESIDENTIAL*
2044 **FRANK F BENITES**...*RESIDENTIAL*
2044 **STEVEN P BENITES**...*RESIDENTIAL*
2053 **BEN JINKAWA**...*RESIDENTIAL*
2056 **KENNTH L FIEBELKORN**...*RESIDENTIAL*
2060 **NOAH J RAMIREZ**...*RESIDENTIAL*
2068 **JASON TSANG**...*RESIDENTIAL*

2003 IRIS WAY

SOURCE: DIGITAL BUSINESS DIRECTORY

2110 **W KEENA**...*RESIDENTIAL*

2003 S ORANGE AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1925 **ALFREDO ALVAREZ**...*RESIDENTIAL*
1950 **MARY KAY COSMETICS**

2003 SATURN ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1977 **UNITED CALIFORNIA BANK**
2019 **AXT INC**...*ELECTRONIC CIRCUITS*
2051 **TMC POWER EQUIPMENT CO**...*VIDEO AND AUDIO EQUIPMENT*

2000-01 CLOVER DR

SOURCE: HAINES

2000	OKAZAKI BEN
2000	OKAZAKI MAS
2001	DIOSDADO ANDRES
2004	DELGADILLOR
2005	DELATORRE RUBEN
2008	VONG VINCENT
2011	LOPEZ NICOLAS
2012	GIANNINO F B
2015	PENA EDDIE
2016	LAWRENCE GAVIN B
2019	GLASS ANNA
2020	FRAGALE FRANK
2023	KWONG CHEE KUN
2023	YING CHENG
2024	ORTIZ GLORIA L
2024	ROMERO JOHN
2024	SALES SHERRY A
2027	KONG YAO
2028	CHAVEZ JOE
2036	LIONG TIHINLUK
2043	REGALADO JAMILE
2044	KAM MAN
2047	FAN SHING
2048	DECURTINS ARTHUR R
2051	NICKOVICH DAN
2052	OBER GARY
2054	KAMGAKI ALBERT
2055	ESTRADA AUGUSTINE
2056	ROBERTS HL
2059	WIESNER SHERWAN
2060	DELATORRE JAIME
2063	CHANG WARREN
2067	JIMENEZ GUSTAVO
2068	NAKAMURA S T
2071	FARINA PETE S
2072	PROUD EDWARD
2075	SIKSAMAT B
2076	BIEDERMAN SHARON

2000-01 FULTON AVE

SOURCE: HAINES

1969	LEE KONNY
1970	PANACCI JOE
1971	LOYOLA HENRY
1974	KREUTZER JASON
1974	SKOGLAND AI
1975	REAL CYNTHIA
1978	GARCIA MERCEDES
1979	DURAN MIRA
1980	IKKANDA VANCE
2000	SW DIANE
2001	FREDERIKSEN EARL B
2004	CHANG GONG
2004	KAT FENG
2004	WU YAN Y
2005	MORICONI ROSE
2008	KNOTTS FAY M
2009	CASTELLANOS ABEL
2012	PROPERNICK MARY
2013	XXXX
2016	QUINLY MARK
2017	ENG JOHN Y
2020	CHEN YUN MEI
2020	HUANG ZHONGWEN
2021	CHANTA THANESSAK
2024	KAWAHARADA AKAN
2024	KAWAHARADA JON
2025	GOTORI FRANK
2028	JOENS VIOLA
2029	VASQUEZ FRANK
2032	KIN WAI
2033	MIZER MILTON
2036	DUENAS EMERIC
2036	MELLIES CARL M
2037	KARANASOS MIKE
2037	SANCHEZ CARMEN
2038	LI SAO
2040	XXXX
2041	SILVA MICHAEL
2044	XXXX
2045	WONG RUBY
2048	JUDGE CYNTHIA
2049	CHU EDWARD
2052	VALENZUELA CARLOS
2053	JINKAWA BEN
2056	FIEBELKORN KENNTH L
2057	ONG JACK
2060	RAMIREZ GREG
2060	RAMIREZ NOAH J
2061	PEREZ EDUARDO
2065	BENQUECHEA GIBERT
2068	BECERRA MARIO
2068	WU LOUISA
2069	SANGEN DAVID
2072	VARTANIAN MARY
2073	HURTADO JOE
2149	VASQUEZ RAFAEL

2000-01 IRIS WAY

SOURCE: HAINES

2110 **KEENA W**
2114 **TOARESFLORE V**

2000-01 S ORANGE AVE

SOURCE: HAINES

1871 **YAMANOUYE DENNIS**
1925 **ALVAREZ ARREDO**

2000-01 SATURN ST

SOURCE: HAINES

1980	**XXXX**
2001	**TYLER TRAFFICANTE INC**
2019	**ALPHA PHOTONICS INC**
2051	**TMC POWER EQP CO**

1995-96 CLOVER DR

SOURCE: HAINES

2000	**OKAZAKI MAS**
2001	**MCDANIEL R L**
2004	**XXXX**
2007	**FOSTER MARGARET Z**
2016	**LAWRENCE GAVIN B**
2019	**GLASS SAML**
2020	**FRAGALE FRANK**
2023	**YING CHENG YEN**
2024	**ORTIZ PAUL R**
2027	**XXXX**
2036	**ANG AMELIA MELODY**
2039	**XXXX**
2043	**REGALADO JAMILLE**
2044	**DURAN ALFRED**
2047	**XXXX**
2048	**DECURTINS ARTHUR R**
2052	**XXXX**
2055	**XXXX**
2056	**ROBERTS H L**
2060	**DELATORRE JAIME**
2063	**XXXX**
2064	**XXXX**
2068	**NAKAMURA ST**
2071	**FARINA PETE S**
2072	**LEVY MILION**

1995-96 FULTON AVE

SOURCE: HAINES

1969	**FEILES DAVID**
1970	**PANACCI JOE**
1974	**KREUTZER JASON**
1974	**SKOGLAND AL**
1975	**XXXX**
1978	**XXXX**
1979	**XXXX**
1980	**XXXX**
2001	**FREDERIKSEN EARL B**
2004	**XXXX**
2005	**XXXX**
2008	**KNOTTS FAY M**
2009	**PRIETTO CESAR A**
2012	**PROPERNICK TONY**
2013	**DOBKIN HARRY**
2016	**QUINLY MARK**
2017	**ENG JOHN Y**
2020	**XXXX**
2021	**XXXX**
2024	**KAWAHARADA ALLAN**
2025	**XXXX**
2029	**VASQUEZ FRANK**
2032	**SUM KIN**
2033	**MIZER MILLON**
2036	**MELLIES CARL M**
2037	**XXXX**
2040	**GAN JIAN**
2041	**XXXX**
2044	**BENITES FRANK F**
2044	**BENITES SLEVEN P**
2045	**XXXX**
2048	**XXXX**
2049	**XXXX**
2053	**JINKAWA BEN**
2056	**FIEBELKORN KENNETH**
2057	**XXXX**
2060	**RAMIREZ NOAH J**
2064	**XXXX**
2065	**XXXX**
2068	**TSANG JASON**
2069	**XXXX**
2073	**XXXX**
2149	**XXXX**

1995-96 IRIS WAY

SOURCE: HAINES

2110	**KEENA W**
2114	**FLORES HERBERT**
2200	**XXXX**
2204	**XXXX**

1995-96 S ORANGE AVE

SOURCE: HAINES

1896	**GARCIA EMILIO**
1925	**ALVAREZ ALFREDO**
1950	**LEE SPENSER**

1995-96 SATURN ST

SOURCE: HAINES

1980	**XXXX**
2019	**MITSUMI ELECTRONICS**
2019	**UNITIZED CMPNT TECH**
2051	**T M C POWER EQP CO**

1990 CLOVER DR

SOURCE: HAINES

2000	OKAZAKI MAS
2001	MCDANIEL R L
2004	XXXX
2007	FOSTER MARGARET Z
2016	LAWRENCE GAVIN B
2019	GLASS SAML
2020	FRAGALE FRANK
2023	YING CHENG YEN
2024	CHAVEZ L
2024	ORTIZ PAUL A
2027	BAYMIS YASAR
2027	KARIAN SEROP
2036	ANG AMELIA MELODY
2036	ZABAT MANUEL 3D
2039	MARANZANO ROBT
2040	ROBLEDO LAWRENCE M
2043	REGALADO JAMILLE
2044	DURAN ALFRED
2047	GOMEZ ESTELA
2048	DECURTINS ARTHUR A
2052	XXXX
2055	XXXX
2056	ROBERTS H L
2060	DELATORRE JAIME
2063	SPIRITO WM C
2064	TAKAHASHI S
2068	NAKAMURA ST
2071	FARINA PETE S
2072	LEVY MILTON
2075	XXXX
2076	XXXX
2080	XXXX

1990 FULTON AVE

SOURCE: HAINES

1969	FEILES DAVID
1970	PANACCI JOE
1974	SKOGLAND AI
1975	XXXX
1978	XXXX
1979	DURAN CARLOS G
1980	XXXX
2001	FREDERIKSEN EAD 8
2004	XXXX
2005	XXXX
2008	KNOTTS FAY M
2009	PAIETTO CESAR A
2012	PROPERNICK TONY
2013	DOBKIN HARRY
2016	QUINLY MARK
2017	ENG JOHN Y
2020	XXXX
2021	XXXX
2024	KAWAHARADA ALLAN
2025	XXXX
2029	VASQUEZ FRANK
2032	XXXX
2033	MIZER MILTON
2036	MELLIES CARL M
2037	XXXX
2040	XXXX
2041	XXXX
2044	BENITES FRANK F
2044	BENITES STEVEN P
2045	XXXX
2048	XXXX
2049	XXXX
2053	JINKAWA BEN
2056	FIEBELKORN KENNETH
2057	HARVEY JOS H JR
2060	RAMIREZ NOAH J
2064	XXXX
2065	XXXX
2068	TSANG JASON
2069	XXXX
2073	XXXX
2149	XXXX

1990 IRIS WAY

SOURCE: HAINES

2110 **KEENA W**
2200 **PURVIS ROBT**
2204 **XXXX**

1990 S ORANGE AVE

SOURCE: HAINES

1880 **HIGA L S**
1925 **ALVAREZ ALFREDO**

1990 SATURN ST

SOURCE: HAINES

1980	DATASERV CMPTA MNTC
2019	UNITIZED CHPNT TECH
2019	UNITIZED CMPNT TECH
2051	T M C POWER EQP CO

1985 CLOVER DR

SOURCE: HAINES

2000	OKAZAKI MAS
2001	MCDANIEL R L
2004	XXXX
2007	FOSTER MARGARET Z
2016	LAWRENCE GAVIN B
2019	GLASS SAML
2020	FRAGALE FRANK
2023	YING CHENG YEN
2024	CHAVEZ L
2024	ORTIZ PAUL R
2027	KARIAN JOHN
2036	KAITANGIAN BILL
2036	KAITANGIAN JOHN A
2039	MARANZANO ROBT
2040	XXXX
2043	REGALADO JAMILLE
2044	DURAN ALFRED
2044	DURAN MOLLY
2047	GOMEZ ESTELA
2048	DECURTINS ARTHUR R
2052	ZHA GE YING YING
2055	XXXX
2056	ROBERTS HL
2063	SPIRITO WM C
2064	NOJIRI HIROYUKI
2068	NAKAMURA ST
2071	FARINA PETE S
2072	LEVY MILTON
2075	XXXX
2076	XXXX
2080	WEINSTOCK CHAS

1985 FULTON AVE

SOURCE: HAINES

1969	FEILES DAVID
1970	PANACCI JOE
1974	SKOGLAND AL
1975	CAMARENA GUILLERMO
1978	XXXX
1979	DURAN CARLOS G
1980	XXXX
2001	FREDERIKSEN EARL B
2004	XXXX
2005	XXXX
2008	KNOTTS FAY M
2012	PROPERNICK TONY
2013	DOBKIN HARRY
2016	QUINLY RALPH N
2017	ENG JOHN Y
2020	XXXX
2021	CHEN MARK M
2021	HAN JENNIE
2024	KAWAHARADA ALLAN
2025	XXXX
2028	STOCKMEL HELEN E
2029	VASQUEZ FRANK
2032	XXXX
2033	MIZER MILTON
2036	MELLIES CARL M
2037	XXXX
2040	BRANCH E M
2041	XXXX
2044	BENITES FRANK F
2045	SCHEIBEL REUBEN
2048	XXXX
2049	XXXX
2053	JINKAWA BEN
2056	FIEBELKORN KENNETH
2057	HARVEY JOS H JA
2060	RAMIREZ NOAH J
2064	XXXX
2065	BENQUECHEA GILBERT
2068	XXXX
2069	XXXX
2073	XXXX
2149	XXXX

1985 IRIS WAY

SOURCE: HAINES

2110	KEENA W
2200	PURVIS ROBT
2204	XXXX

1985 S ORANGE AVE

SOURCE: HAINES

1880	**HIGA L S**
1925	**ALVAREZ ALFREDO**
1950	**OCONNOR J**
1950	**UNICORN SECRETARIAL**

1985 SATURN ST

SOURCE: HAINES

1977	**XXXX**
2019	**UNITIZED COMPONET**
2051	**TAS MOTOR CO INC**

1979 CLOVER DR

SOURCE: HAINES

2000	OKAZAKI MAS
2001	MCDANIEL R L
2004	CARBAJAL ROBERTA
2007	FOSTER MARGARET Z
2016	LAWRENCE GAVIN B
2019	GLASS SAML
2020	FRAGALE FRANK
2023	PARKER JESSE ROBT
2024	ORTIZ PAUL R
2027	KAROGLU VARUJAN
2036	KAITANGIAN BILL
2036	KAITANGIAN JOHN R
2039	MARANZANO ROBT
2040	ROBLEDO MANUEL
2043	REGALADO JAMILLE
2044	DURAN ALFRED
2044	DURAN MOLLY
2047	GOMEZ ESTELA
2048	DECURTINS ARTHUR R
2052	BOYLE PAUL
2055	XXXX
2056	ROBERTS H L
2063	SPIRITO WM C
2064	ICHIHARA TERUHISA
2068	NAKAMURA S T
2071	FARINA PETE S
2072	LEVY MILTON
2075	XXXX
2076	SWENOHA FRITZ
2080	WEINSTOCK CHAS

1979 FULTON AVE

SOURCE: HAINES

1969	FEILES DAVID
1970	PANACCI JOE
1974	SKOGLAND AL
1975	CAMARENA GUILLERMO
1978	FRICKBERG ARNE
1979	DURAN CARLOS G
1980	KONDO KOMAO
2000	FISCHER B J
2001	FREDERIKSEN EARL B
2004	UYEDA ROGER M
2005	XXXX
2008	KNOTTS FAY M
2012	PROPERNICK TONY
2013	DOBKIN HARRY
2016	QUINLY RALPH N
2017	LUANGRAJ BOUALONG
2020	XXXX
2021	CHEN MARK M
2021	HAN JENNIE
2024	KAWAHARADA ALLAN
2025	XXXX
2028	STOCKMEL HELEN E
2029	VASQUEZ FRANK
2032	XXXX
2033	MIZER MILTON
2036	MELLIES CARL M
2040	BRANCH E M
2041	MASUDA ROBT H
2044	BENITES FRANK F
2045	SCHEIBEL REUBEN
2048	XXXX
2049	XXXX
2053	JINKAWA BEN
2056	FIEBELKORN KENNETH
2057	HARVEY JOS H JR
2060	RAMIREZ NOAH J
2064	XXXX
2065	BENQUECHEA GILBERT
2068	FERNANDEZ ANTHONY
2069	ISHIKAWA TOSHI
2072	VARTANIAN SAHAG
2073	XXXX
2149	EBIHARA H

1979 IRIS WAY

SOURCE: HAINES

2110	**XXXX**
2200	**MONTERY ART GALLERY**
2200	**PURVIS ALBERT**
2204	**BERNARD MATHEW D**

1979 S ORANGE AVE

SOURCE: HAINES

0	**DUNN R H & CO**
1871	**GOULET A**
1925	**ALVAREZ A**
1925	**ALVAREZ ALFREDO**
1925	**ALVAREZ LETICIA M**
1950	**LEE SPENSER**

1979 SATURN ST

SOURCE: HAINES

2019 **UNITIZED CMPNT TCHN**
2019 **UNITIZED COMP TCHNL**
2051 **TAS MOTOR CO INC**

1975 CLOVER DR

SOURCE: HAINES

2000 **OFFICER RONALD**
2001 **MCDANIEL R L**
2004 **XXXX**
2007 **FOSTER MARGARET Z**
2016 **LAWRENCE GAVIN B**
2019 **GLASS SAML**
2020 **FRAGALE FRANK**
2023 **PARKER JESSE ROBT**
2027 **KAROGLU VARUJAN**
2036 **KAITANGIAN BILL**
2036 **KAITANGIAN JOHN**
2039 **MARANZANO ROBT**
2040 **ROBLEDO MANUEL**
2043 **REGALADO JAMILLE**
2044 **DURAN ALFRED**
2044 **DURAN MOLLY**
2047 **GOMEZ ESTELA**
2048 **DECURTINS ARTHUR R**
2052 **XXXX**
2055 **XXXX**
2056 **ROBERTS H L**
2063 **SPIRITO WM C**
2064 **PEREZ RAFAEL M**
2068 **NAKAMURA ST**
2071 **FARINA PETE S**
2072 **LEVY MILTON**
2075 **HANPACHERN ARAN**
2076 **SWENOHA FRITZ**
2080 **WEINSTOCK CHAS**

1975 FULTON AVE

SOURCE: HAINES

1969	FEILES FAYE
1970	PANACCI JOE
1974	SKOGLAND AL
1975	CAMARENA GUILLERMO
1978	FRICKBERG ARNE
1979	DURAN CARLOS G
1980	KONDO KOMAO
2000	FISCHER B J
2001	FREDERIKSEN EARL B
2004	UYEDA ROGER M
2005	MORICONI ANGELO
2008	KNOTTS FAY M
2012	PROPERNICK TONY
2013	DOBKIN HARRY
2016	QUINLY RALPH N
2017	FUNG KHONG HÆ N L
2020	MORALES FRANK
2021	MATSUNO JEAN
2021	MATSUNO MINORU J
2024	KAWAHARADA ALLAN
2025	XXXX
2028	STOCKMEL HELEN E
2029	VASQUEZ FRANK
2032	XXXX
2033	MIZER MILTON
2036	MELLIES CARL M
2040	BRANCHEM
2041	XXXX
2044	BENITES ESTHER
2044	BENITES FRANK F
2045	SCHEIBEL REUBEN
2048	XXXX
2049	XXXX
2053	JINKAWA BEN
2056	FIERELKORN KENNETH
2057	HARVEY JOS H JR
2060	RAMIREZ NOAH J
2064	XXXX
2065	BENCUECHEA GILBERT
2068	FERNANDEZ ANTHONY
2069	YAMASHITA T
2072	VARTANIAN SAHAG
2073	MATSUKIYO YOKO
2149	MARDONES RAUL

1975 IRIS WAY

SOURCE: HAINES

2110	KEENA WILMA
2110	KEENA WM
2200	MONTEREY ART GLLRES
2200	PURVIS ALBERT
2204	XXXX

1975 S ORANGE AVE

SOURCE: HAINES

1871	**ROSENFELD B L DR**
1925	**OLD DAVID A**
1925	**PEDERSEN THORVALD**
1950	**XXXX**

1975 SATURN ST

SOURCE: HAINES

STREET NOT LISTED

1972 CLOVER DR

SOURCE: HAINES

2000	MENGES ROGER
2001	MCDANIEL R L
2007	FOSTER MARGARET Z
2016	LAWRENCE GAVIN B
2019	GLASS SAML
2020	FRAGALE FRANK
2023	PARKER JESSE ROBT
2027	HAGOPIAN SUREN
2036	KAITANGIAN JOHN
2039	MARANZANO ROBT
2040	ROBLEDO MANUEL
2043	REGALADO JAMILLE
2044	DURAN ALFRED
2044	DURAN MOLLY
2047	GOMEZ ESTELA
2048	DECURTINS ARTHUR R
2052	LYONS FRANK
2055	ORTIZ GERRARD R
2056	ROBERTS H L
2063	SPIRITO WM C
2064	PEREZ RAFAEL M
2068	NAKAMURA GEO O
2071	FARINA PETE S
2072	LEVY MILTON
2075	MINAMOTO MASATAKE
2076	SWENOHA FRITZ
2080	WEINSTOCK CHAS

1972 FULTON AVE

SOURCE: HAINES

1969	FEILES FAYE
1970	PANACCI JOE
1974	SKOGLAND AL
1975	CAMARENA GUILLERMO
1978	FRICKBERG ARNE
1979	DURAN CARLOS G
1979	W R S PNTG CNTRCTRS
1980	STILLERMAN MILTON
2000	FISCHER BETTY J
2001	FREDERIKSEN EARL B
2004	KORENAGA GEO
2005	MORICONI ANGELO
2008	KNOTTS FAY M
2012	KECK DONNA
2012	PROPERNICK TONY
2013	DOBKIN HARRY
2016	QUINLY RALPH N
2017	RUDNICK AL
2020	MORALES FRANK
2021	MATSUNO JEAN
2021	MATSUNO MINORU J
2024	KAWAHARADA ALLAN
2025	GOTORI FRANK S
2028	STOCKMEL HELEN E
2029	VASQUEZ FRANK
2032	DANSON RICHARD
2033	MIZER MILTON
2036	MELLIES CARL M
2040	BRANCH EM
2041	KREUTZER FOSTER MRS
2044	BENITES ESTHER
2044	BENITES FRANK F
2045	SCHEIBEL REUBEN
2048	XXXX
2049	SANCHEZ RAYMOND
2053	JINKAWA BEN
2056	FIEBELKORN KENNETH
2057	HARVEY JOS H JR
2060	RAMIREZ NOAH J
2064	XXXX
2065	BENQUECHEA GILBERT
2065	BENQUECHEA V
2068	FERNANDEZ ANTHONY
2072	VARTANIAN SAHAG
2073	BOWERS BENTON JR
2149	MARDONES RAUL

1972 IRIS WAY

SOURCE: HAINES

2110 **KEENA WILMA**
2110 **KEENA WM**
2200 **MONTEREY ART GLLRES**
2200 **PURVIS ALBERT**
2204 **DINA THOS**

1972 S ORANGE AVE

SOURCE: HAINES

1820 **MCGUIRE VERNON K**
1950 **WOOLUM JOHN**

1972 SATURN ST

SOURCE: HAINES

STREET NOT LISTED

1970 CLOVER DR

SOURCE: POLKS

2000	MENGES ROGER C
2001	MC DANIEL ROBT L
2004	MADRAZO ROGELIO
2005	DE LA TORRE RUBEN
2007	FOSTER MARGT Z MRS
2008	RAUM PAUL L JR
2011	PETROVICH ALEX J
2012	GIANNINO ABNER B
2015	NO RETURN
2016	LAWRENCE GAVIN B
2019	GLASS SAML
2020	FRAGALE FRANK
2023	PARKER JESSE R
2024	GARCIA SALVADOR D
2027	NO RETURN
2028	CHAVEZ JOE
2031	WONG NORA L MRS
2032	PARSON RUSSELL E JR
2035	NO RETURN
2036	KAITANGIAN LEONOR MRS
2039	MARANZANO ROBT C
2040	ROBLEDO MANUEL
2043	REGALADO ZEKE
2044	NO RETURN
2047	CARDENAS EDMUNDO F
2048	DE CURTINS ARTH R
2051	NICKOVICH DAN
2052	LYONS FRANK
2055	ORTIZ GERRARD R
2056	ROBERTS HOWARD L
2059	WIESNER SHERWIN R
2060	QUAN MARY
2063	SPIRITO WM C
2064	PEREZ RAFAEL M
2067	DE LEON LIONEL R
2068	NAKAMURA GEO O
2071	FARINA PETE S
2072	LEVY MILTON
2075	MINAMOTE MASATAKE
2076	NO RETURN
2080	WEINSTOCK CHARLES

1970 FULTON AVE

SOURCE: POLKS

1969	FEILES DAVID D
1970	NO RETURN
1971	NO RETURN
1974	SKOGLAND ALF
1975	NO RETURN
1978	FRICKBERG ARNE E
1979	DURAN CARLOS G
1979	DURAN PAINTING CONTRACTORS
1980	NO RETURN
1981	SOSNOWSKI ROBT
2000	FISCHER BETTY J MRS
2001	FREDER IKSEN EARL B
2004	KORENAGA GEO Y
2005	MORICONI ANGELO
2008	MORGAN GENEVIEVE M MRS
2009	COSTELLANOS ABEL F
2012	PROPERNICK TONY J
2013	NO RETURN
2016	QUINLY RALPH N
2017	NO RETURN
2020	MORALES FRANK
2021	MATSUNO MINORU J
2024	KAWAHARADA ALLAN
2025	GOTORI FRANK S
2028	JOENS VIOLA A MRS MRS
2029	VASQUEZ FRANK
2032	DAWSON RICHD R
2033	MIZER MILTON S
2036	MELLIES CARL M
2037	GREENBAUM DONALD H
2040	BRANCH EARL M
2041	KREUTZER FOSTER W
2041	KREUTZER GEOFFREY
2044	BENITES FRANK
2045	NO RETURN
2048	KLEIN MILTON
2049	SANCHEZ RAYMOND
2052	VALENZUELA CARLOS B
2053	NO RETURN
2056	FIEBELKORN KENNETH L
2057	HARVEY JOSEPH H
2060	RAMIREZ NOAH J
2061	PEREZ EDDIE N
2064	MOLINA RAY N
2065	BENQUECHEA GILBERT
2068	NO RETURN
2069	BORELLO VINCENT
2072	GEVORKIAN MARY MRS
2073	BOWERS BENTON M JR
2149	NO RETURN

1970 IRIS WAY

SOURCE: POLKS

2106	PRAGER PETER R
2110	KEENA WM L
2114	RAMIREZ PAUL
2118	BRANT JOHN R
2200	PURVIS ALBERT
2204	DINA THOS

1970 S ORANGE AVE

SOURCE: POLKS

1896 **GARCIA EMILIO H**
1925 **KADLUB RUDOLPH**
1950 **NAGEL RICHD W**

1970 SATURN ST

SOURCE: POLKS

STREET NOT LISTED

1965 CLOVER DR

SOURCE: POLKS

2001	MC DANIEL ROBT L
2004	SAWITZKY FRED W
2005	HATHAWAY WM
2007	FOSTER EDW D
2008	SADON DONALD L
2011	PETROVICH ALEX J
2012	GIANNINO ABNER B
2015	PENA EDDIE M
2016	LAWRENCE GAVIN B
2019	GLASS SAML
2020	FRAGALE FRANK
2023	PARKER JESSE R
2024	GARCIA SALVADOR D
2027	HAGOPIAN SUREN
2028	CHAVEZ JOE
2031	WONG NORA L MRS MRS
2032	PARSONS RUSSELL E JR
2035	ORNELAS MANUEL
2036	KAITANGIAN JOHN
2039	MARANZANO ROBT C
2040	HERBERT RUSSELL C
2043	REGALADO ZEKE
2044	DURAN ALF A
2047	SCHNYDER DAVID
2048	DE CURTINS ARTH R
2051	NICKOVICH DAN
2052	LEHRER GEO S
2055	LEWIS WALTER H
2056	ROBERTS HOWARD L
2059	WIESNER SHERWIN R
2060	WONG MARY
2063	SPIRITO WM C

1965 FULTON AVE

SOURCE: POLKS

1969	FEILES DAVID D
1970	PANACCI JOSEPH R
1971	ROSELINSKY FRANK D SCRAPMN
1974	SKOGLAND ALF
1975	BENSCHOP HENRY T
1978	FRICKBERG ARNE E
1979	DURAN CARLOS G
1980	STILLERMAN MILTON
1981	GREEN RUBEN
2000	FISCHER WM G
2001	FREDERIKSEN EARL B
2004	KORENAGA GEO Y
2005	MORICONI ANGELO
2008	MORGAN GENEVIEVE M MRS
2009	COSTELLANOS ABEL F
2012	SHACKLES FRANK J
2013	DOBKIN HARRY N
2016	QUINLY RALPH N
2017	RUDNICK AL
2020	MORALES FRANK
2021	MATSUNO JACK M
2024	CLARK DANNY M
2025	GOTORI FRANK S
2028	JOENS VIOLA A MRS
2029	VASQUEZ FRANK
2032	MARTINEZ RUDY R
2033	MIZER MILTON S
2036	MELLIES CARL M
2037	GREENBAUM DONALD H
2040	BRANCH EARL M
2041	KREUTZER FOSTER W
2041	KREUTZER GEOFFREY
2044	BENITES FRANK
2045	SCHEIBEL REUBEN A
2048	KLEIN MILTON
2052	BEHAR MORRIE
2053	FEDOR LESLIE
2056	FIELELKORN KENNETH
2057	HARVEY JOSEPH E
2060	RAMIREZ NOAH J
2061	DIAZ LEO
2064	MOLINA RAMON
2065	BENQUECHEA GILBERT
2065	BURGE HARRY DEAN
2068	FERNANDEZ ANTHONY
2069	NO RETURN
2072	GEVORKIAN MARY MRS
2073	BOWERS BENTON M JR
2149	AGREDANO LOUIS D

1965 IRIS WAY

SOURCE: POLKS

1206	**RISEN ELEANORE MRS**
2110	**GODINEZ JOE**
2114	**CHAVEZ RUPERTO**
2118	**BRANT JOHN R**
2200	**PURVIS ALBERT T**
2204	**VACANT**

1965 S ORANGE AVE

SOURCE: POLKS

1896	**VARTANIAN BEN**
1925	**KACLUB RUDOLPH**
1950	**NAGEL RICHD W**

1965 SATURN ST

SOURCE: POLKS

STREET NOT LISTED

1963 CLOVER DR

SOURCE: POLKS

2000	BAKER ERNEST C
2001	MC DANIEL ROBT R L
2004	SAWITZKY FRED W
2005	DEEM ROBT T
2007	FOSTER EDW D
2008	LETTERMAN ACEY O
2011	PETROVICH ALEX J
2012	GIANNINO ABNER
2015	PENA EDDIE M
2016	NO RETURN
2019	GLASS SAML
2020	FRAGALE FRANK
2023	PARKER JESSE R
2024	GARCIA SALVADOR D
2027	HAGOPIAN SUREN
2028	MC CLISTER GEO A
2031	TRONCALE CARL
2032	PARSONS RUSSELL E JR
2035	KELLY LAWRENCE
2036	KAITANGIAN JOHN
2039	MARANZANO ROBT
2040	HERBERTS RUSSELL
2043	REGALADO ZEKE
2044	DURAN ALFRED
2047	SCHNYDER DAVID
2048	DE CURTINS ARTH
2051	NICKOVICH DAN
2052	MORROW ROBT W
2055	LEWIS WALTER H
2056	ROBERTS HOWARD L
2059	WIESNER SHERWIN R
2060	VACANT
2063	SPIRITO WM C
2064	MASTRO ARTH
2067	DE LEON LIONEL R
2068	NO RETURN
2071	FARINA PETE S
2072	LEVY MILTON
2075	BEREKIAN ARA
2076	LEE J ALVIN
2080	WEINSTOCK CHARLES

1963 FULTON AVE

SOURCE: POLKS

1969	FIELES DAVID
1970	PANACCI JOSEPH R
1971	ROSEL INSKY FRANK D
1974	SKOGLAND ALF
1975	EBERLE JAMES H
1978	FRIEKBERG ARNE E
1979	DURAN CARLOS G
1980	STILLERMAN MILTON
1981	GREEN RUBEN
2000	FISCHER WM G
2001	FREDERIKSEN EARL B
2004	KORENAGA GEO Y
2005	MORICONI ANGELO
2008	KNOTTS VICTOR D
2009	MORROW EDW L
2012	SHACKLES FRANK J
2013	DOBKIN HARRY N
2016	QUINLY RALPH N
2017	RUDNICK AL
2020	MORALES FRANK
2021	RUSSO PAUL S
2024	KUREGIAN ARMENAK
2025	GOTORI FRANK S
2028	JOENS J ORVIN
2029	VASQUEZ FRANK
2032	LOMASK RUSSELL
2033	MIZER MILTON S
2036	MELLIES CARL M
2037	VACANT
2040	BRANCH EARL M
2041	KREUTZER DENNIS
2041	KREUTZER FOSTER W
2044	ANDERSON JOHN K
2045	SCHEIBEL REUBEN A
2048	KLEIN MILTON
2052	JOHNSON LORRAINE MRS
2053	FEDOR LESLIE
2056	FIEBELKORN KENNETH L
2057	HARVEY JOSEPH E
2060	RAMIREZ NOAH J
2061	DIAZ LEO
2064	MOLINA RAMON
2065	BURGE HARRY DEAN
2068	FERNANDEZ ANTHONY
2069	BORELLO VINCENT J
2072	GEVORKIAN MARY MRS
2073	BOWERS BENTON M JR
2149	AGREDANO LOUIS D

1963 IRIS WAY

SOURCE: POLKS

2106	RISEN KENNETH L
2110	ANARADIAN LEON
2110	GODINEZ JOE
2114	VACANT
2118	BRANT JOHN R
2200	PURVIS ALBERT T
2204	VACANT

1963 S ORANGE AVE

SOURCE: POLKS

1896 **VARTANIAN BEN**
1925 **KADLUB RUDOLPH**
1950 **VARNIER RONALD D**

1963 SATURN ST

SOURCE: POLKS

STREET NOT LISTED

1949 CLOVER DR

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1949 FULTON AVE

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1949 IRIS WAY

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1949 S ORANGE AVE

SOURCE: LA DIRECTORY CO

RANGE NOT LISTED

1949 SATURN ST

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1943 CLOVER DR

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1943 FULTON AVE

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1943 IRIS WAY

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1943 S ORANGE AVE

SOURCE: LA DIRECTORY CO

RANGE NOT LISTED

1943 SATURN ST

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1941 CLOVER DR

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1941 FULTON AVE

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1941 IRIS WAY

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1941 S ORANGE AVE

SOURCE: LA DIRECTORY CO

RANGE NOT LISTED

1941 SATURN ST

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1939 CLOVER DR

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1939 FULTON AVE

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1939 IRIS WAY

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1939 S ORANGE AVE

SOURCE: LA DIRECTORY CO

RANGE NOT LISTED

1939 SATURN ST

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1935 CLOVER DR

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1935 FULTON AVE

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1935 IRIS WAY

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1935 S ORANGE AVE

SOURCE: LOS ANGELES DIRECTORY CO

RANGE NOT LISTED

1935 SATURN ST

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1930 CLOVER DR

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1930 FULTON AVE

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1930 IRIS WAY

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1930 S ORANGE AVE

SOURCE: LOS ANGELES DIRECTORY CO

RANGE NOT LISTED

1930 SATURN ST

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1926 CLOVER DR

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1926 FULTON AVE

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1926 IRIS WAY

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1926 S ORANGE AVE

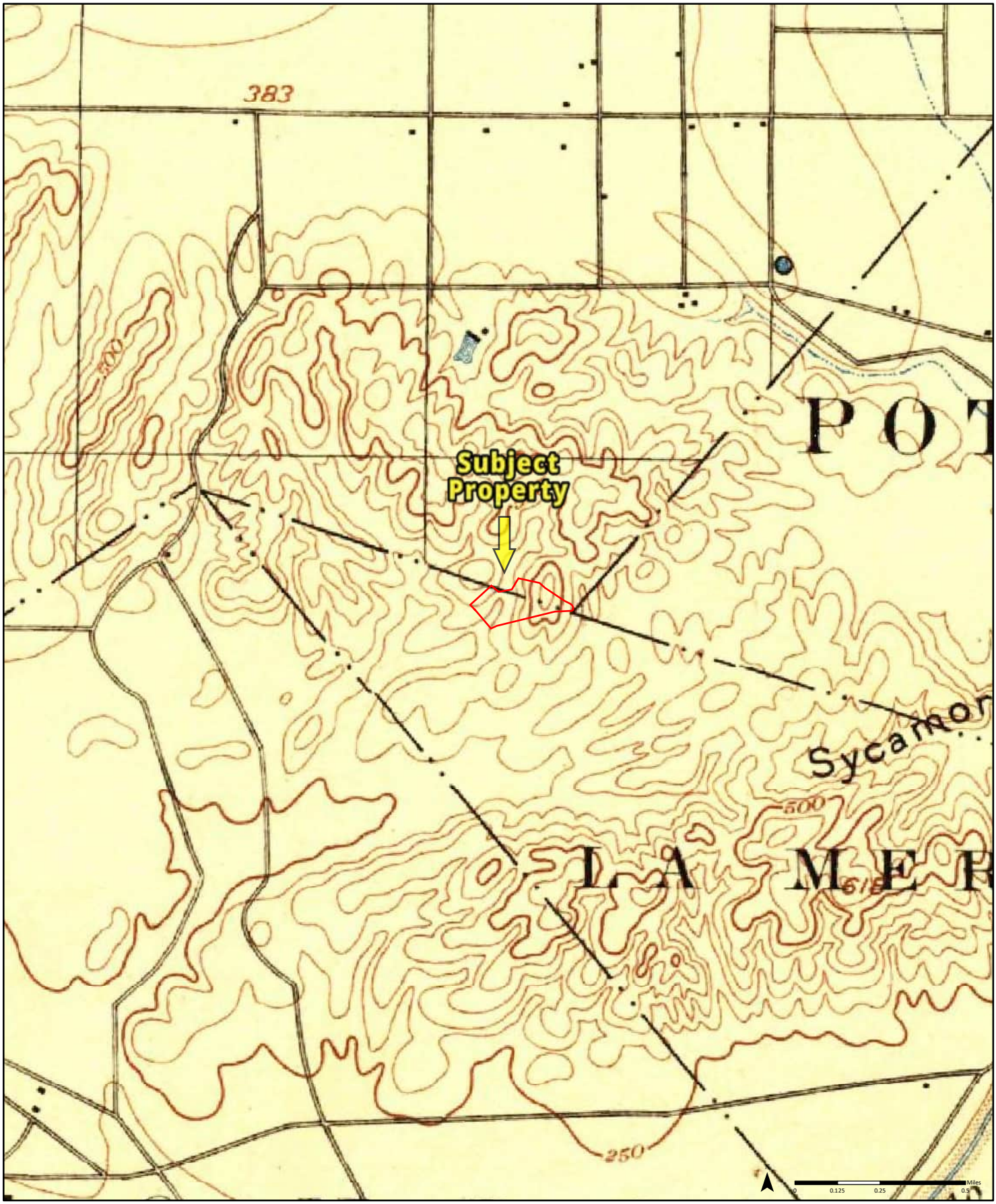
SOURCE: LOS ANGELES DIRECTORY CO

RANGE NOT LISTED

1926 SATURN ST

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED



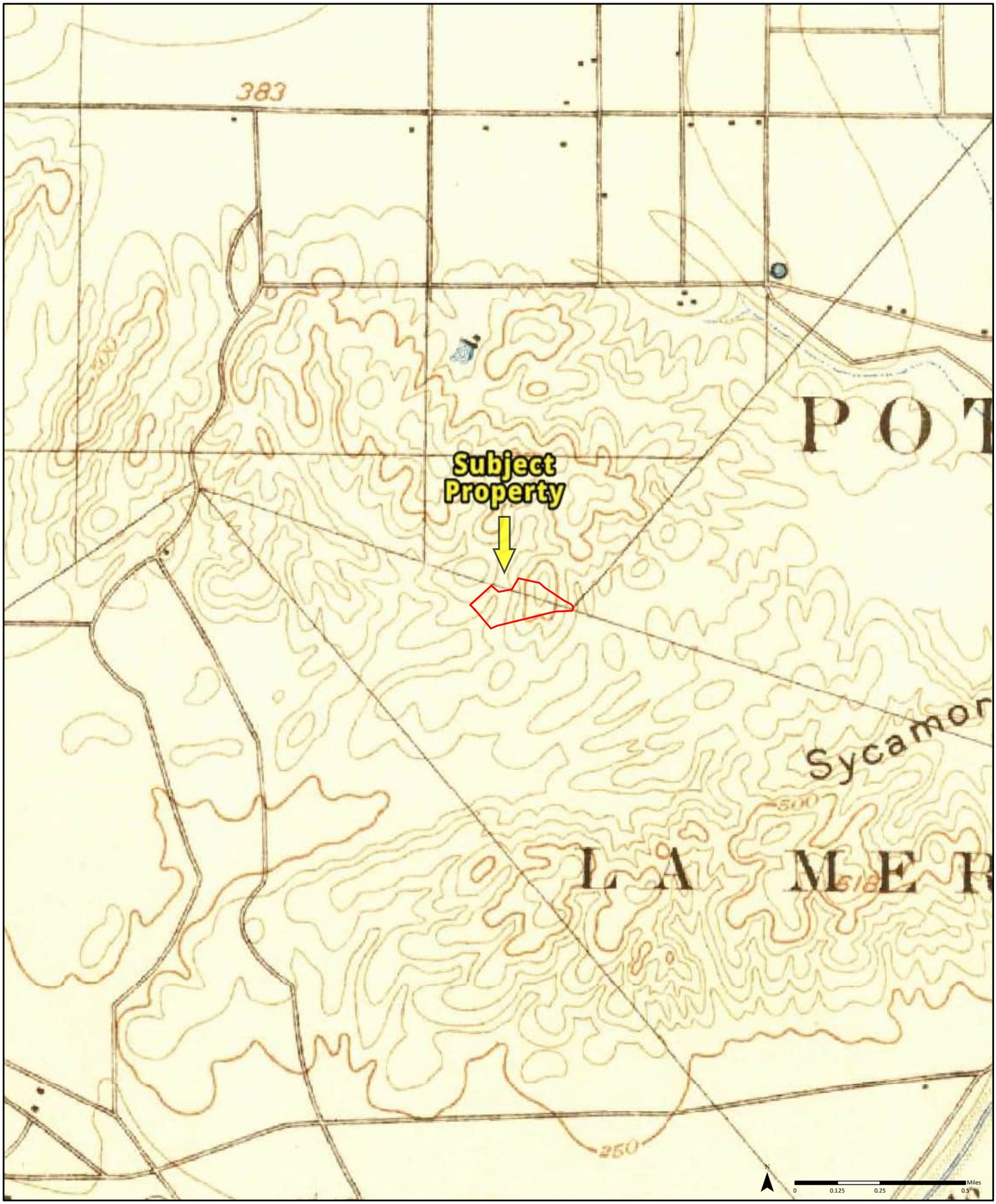
1894

Quadrangle(s): Los Angeles, CA

Order No. 23031600529

Source: USGS 15 Minute Topographic Map

PARTNER



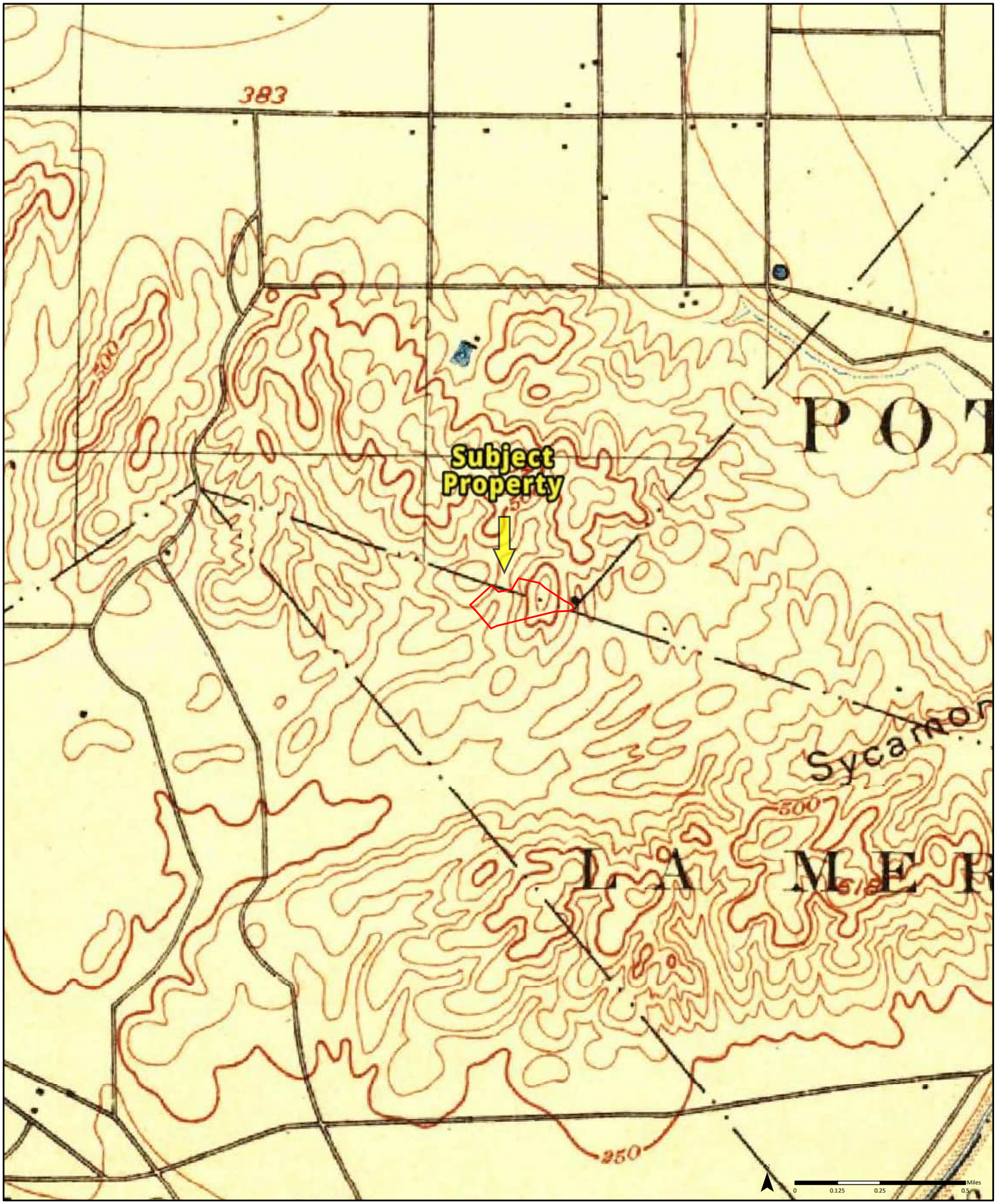
1896

Quadrangle(s): Los Angeles, CA
Pasadena, CA

Order No. 23031600529

Source: USGS 15 Minute Topographic Map

PARTNER



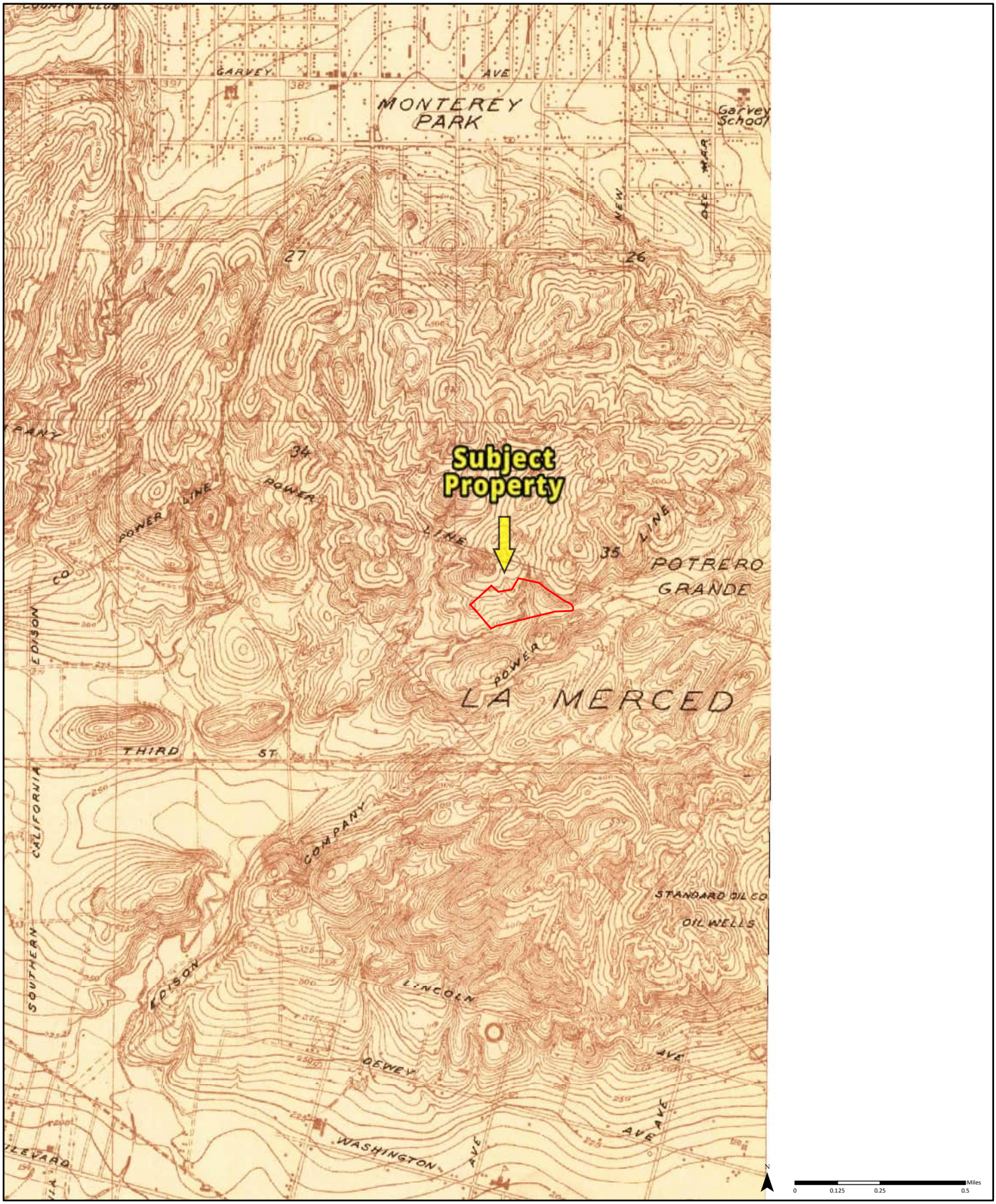
1900

Quadrangle(s): Los Angeles, CA
Pasadena, CA

Order No. 23031600529

Source: USGS 15 Minute Topographic Map

PARTNER



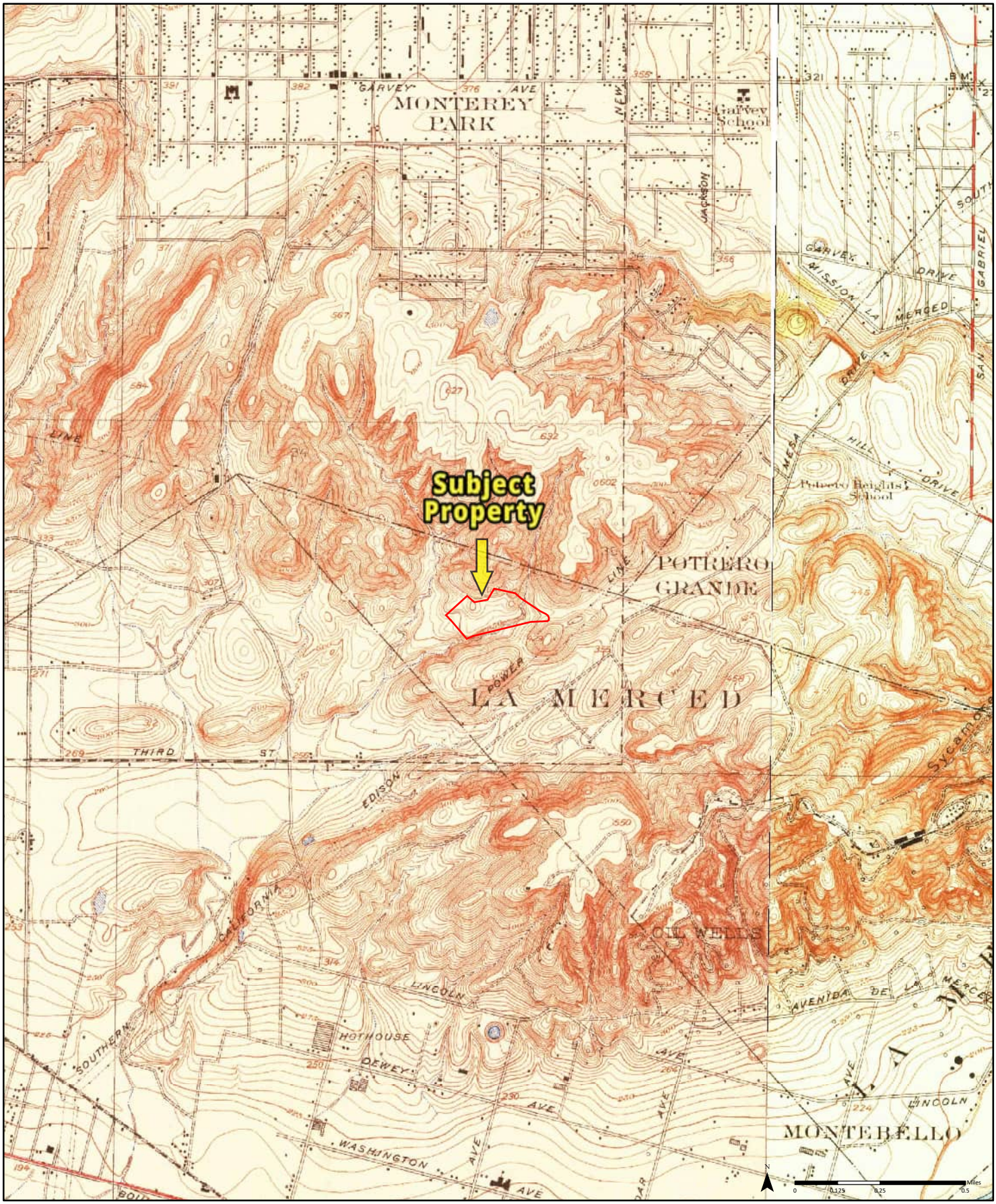
1924

Quadrangle(s): Alhambra, CA

Order No. 23031600529

Source: USGS 7.5 Minute Topographic Map

PARTNER



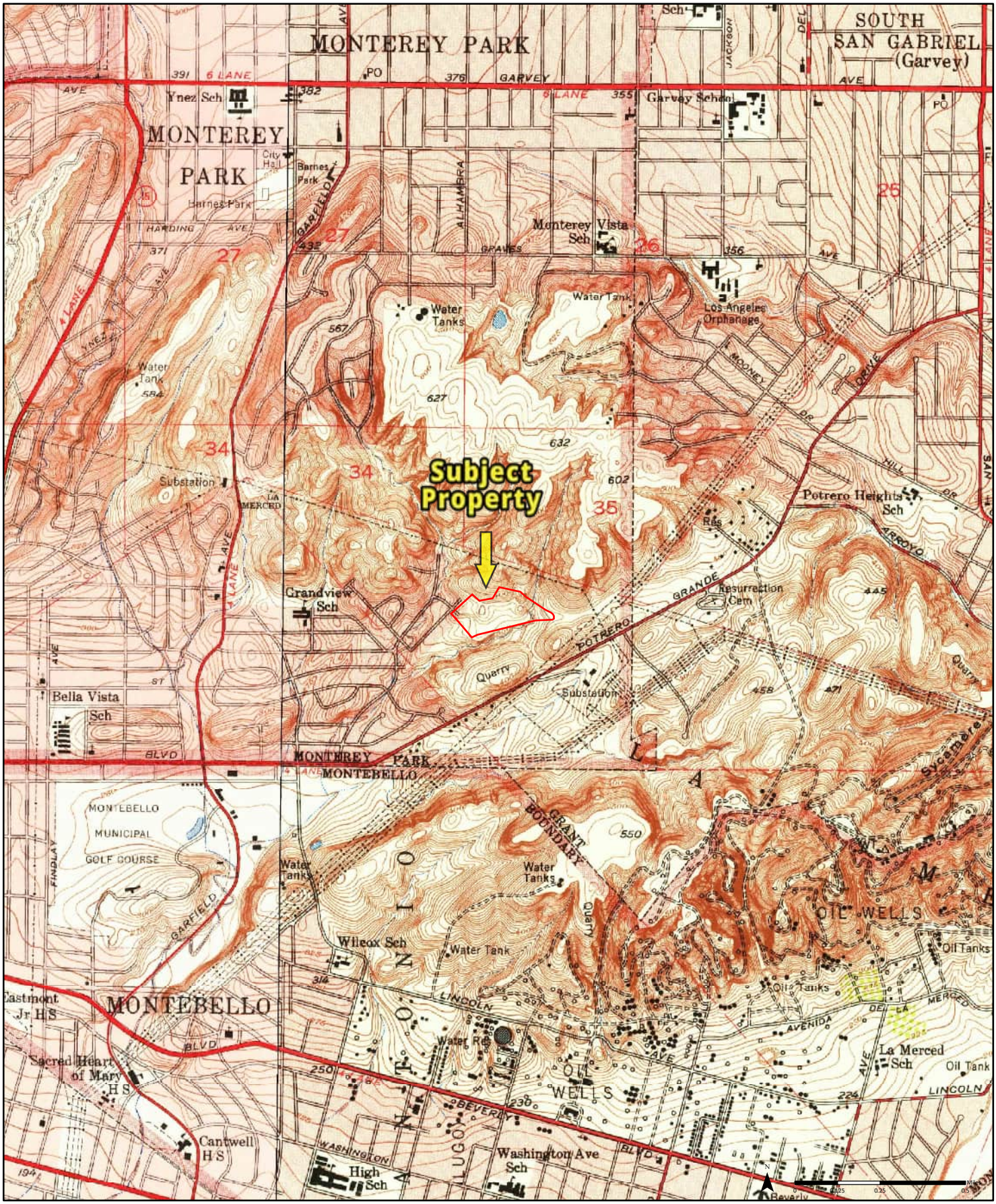
1926

Quadrangle(s): Alhambra, CA
El Monte, CA

Order No. 23031600529

Source: USGS 7.5 Minute Topographic Map

PARTNER



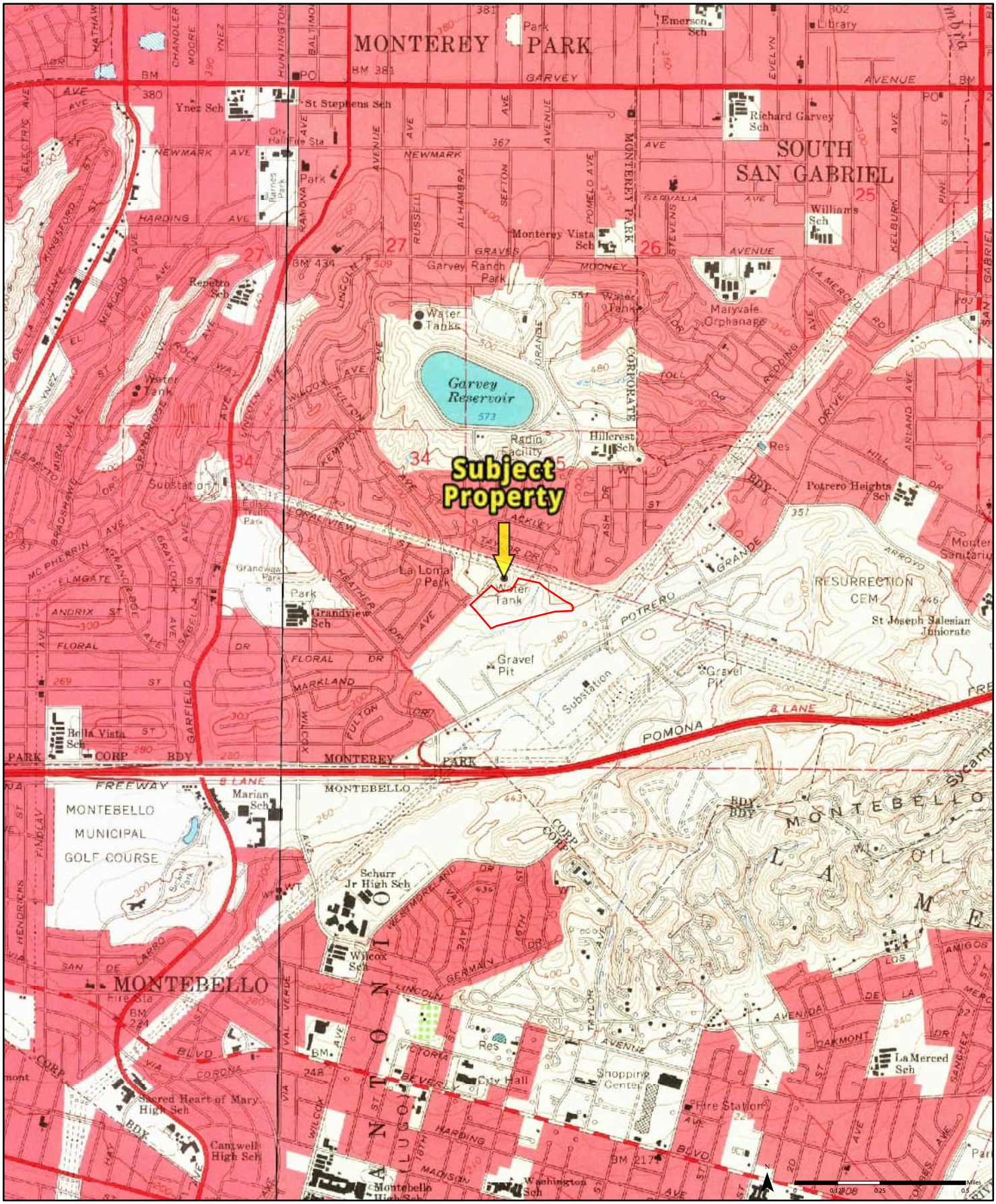
1953

Quadrangle(s): **El Monte, CA**(1-1953)
Alhambra, CA
Los Angeles, CA(2-1953)

Source: USGS 7.5 Minute Topographic Map

Order No. 23031600529

PARTNER



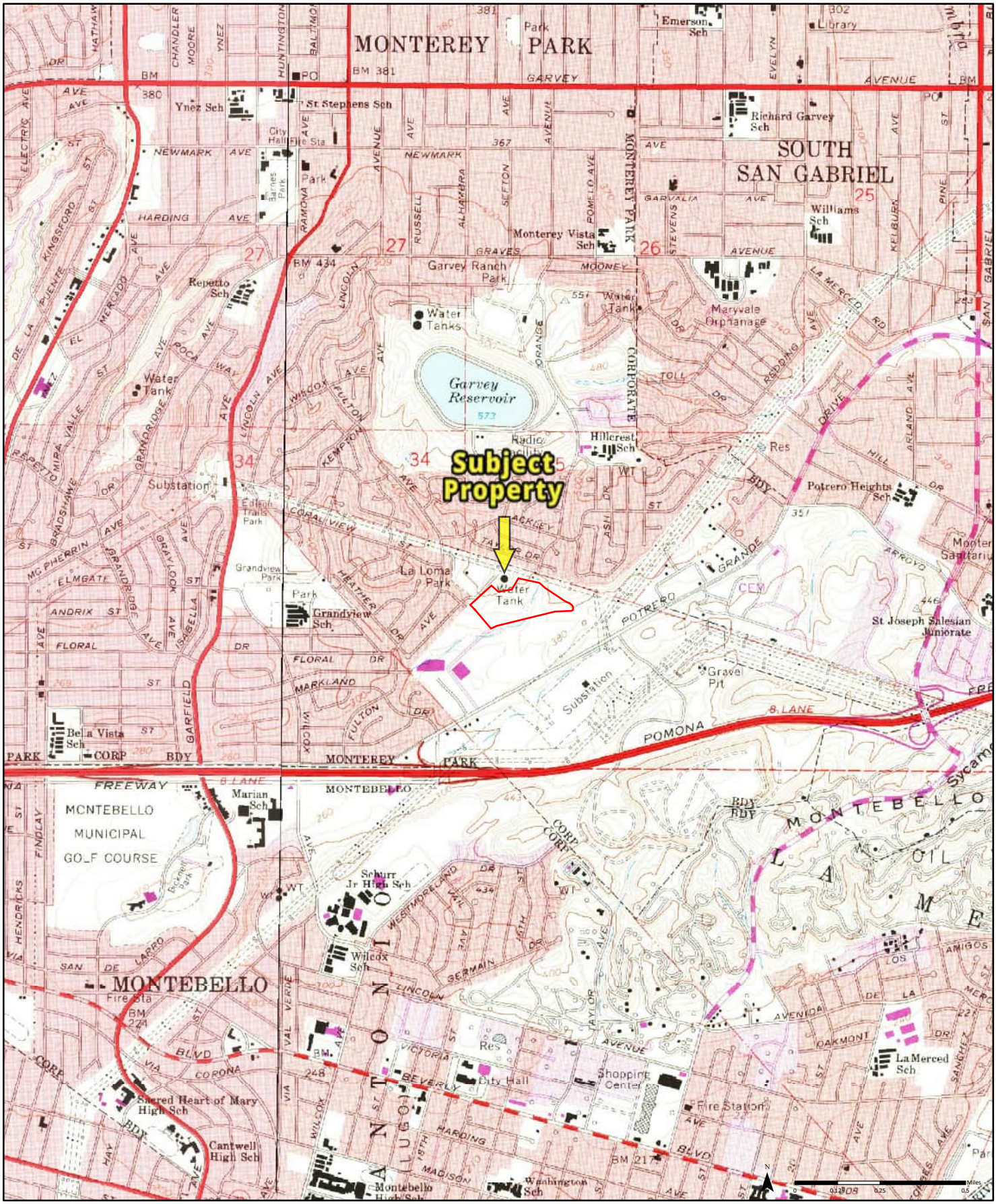
1966

Quadrangle(s): **Alhambra, CA**
El Monte, CA(2-1966)
Los Angeles, CA(1-1966)

Source: USGS 7.5 Minute Topographic Map

Order No. 23031600529

PARTNER



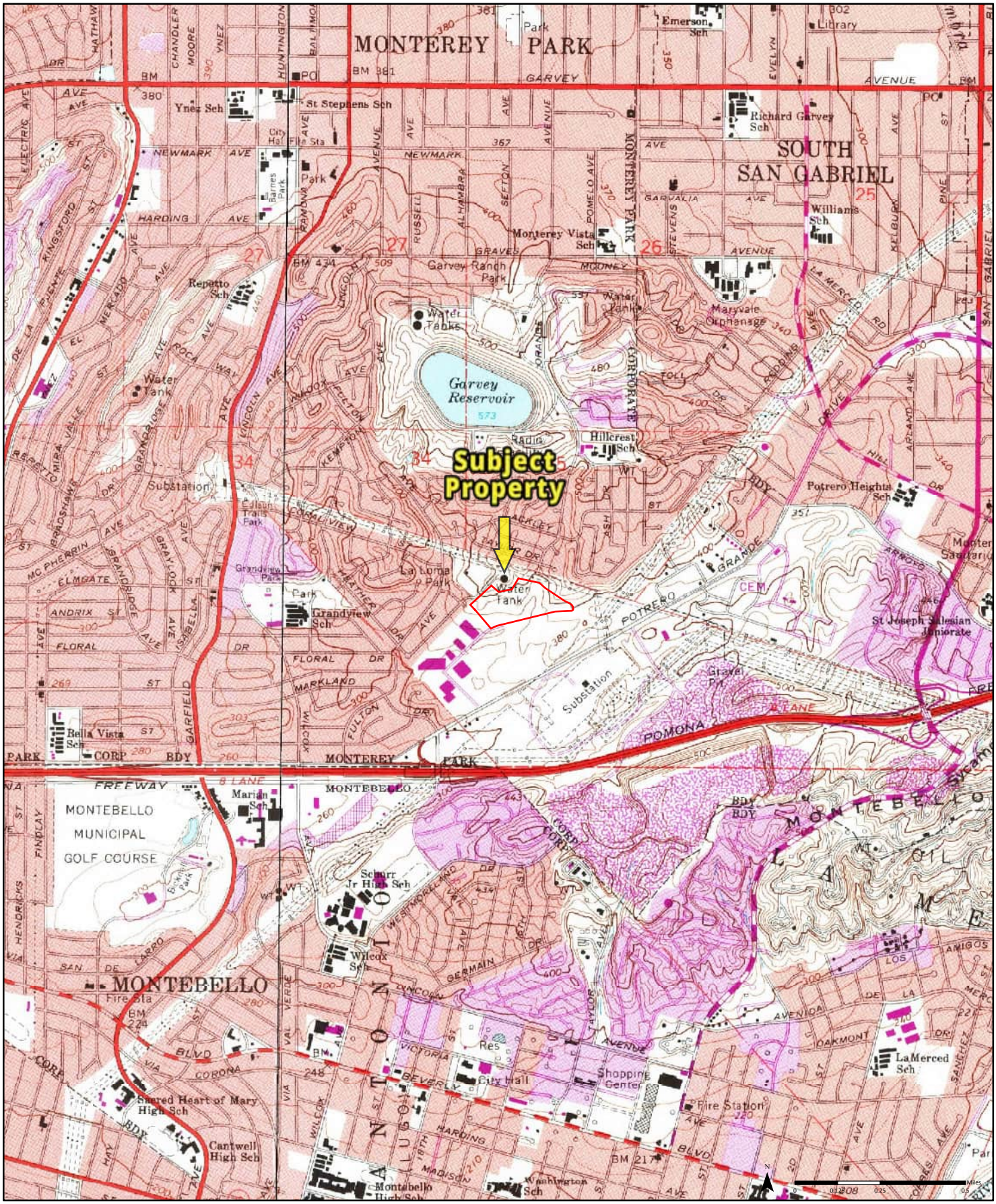
1972

Quadrangle(s): Alhambra, CA
El Monte, CA(1-1972)
Los Angeles, CA(2-1972)

Source: USGS 7.5 Minute Topographic Map

Order No. 23031600529

PARTNER



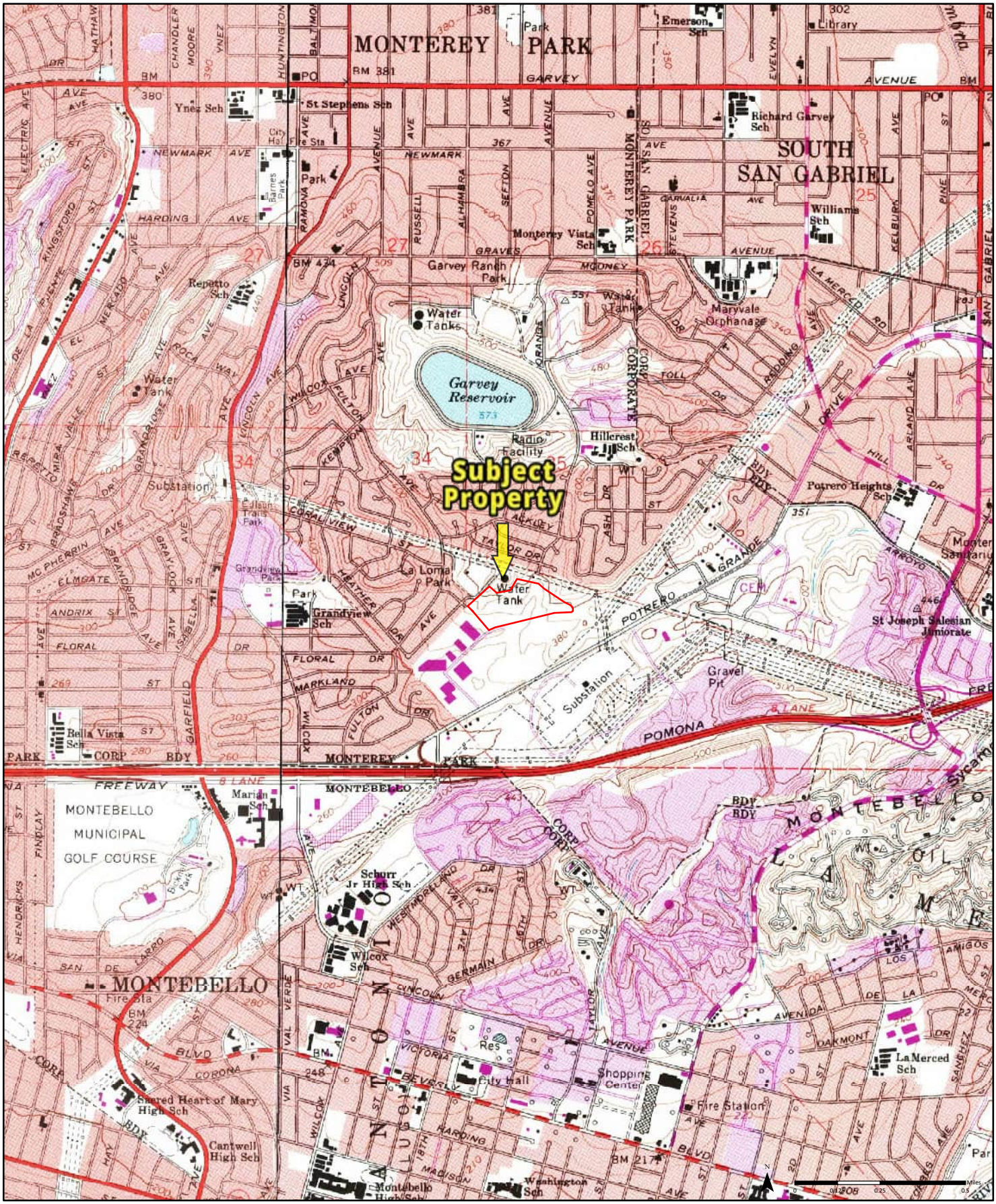
1981

Quadrangle(s): **El Monte, CA(1-1981)**
Alhambra, CA
Los Angeles, CA(2-1981)

Source: USGS 7.5 Minute Topographic Map

Order No. 23031600529

PARTNER



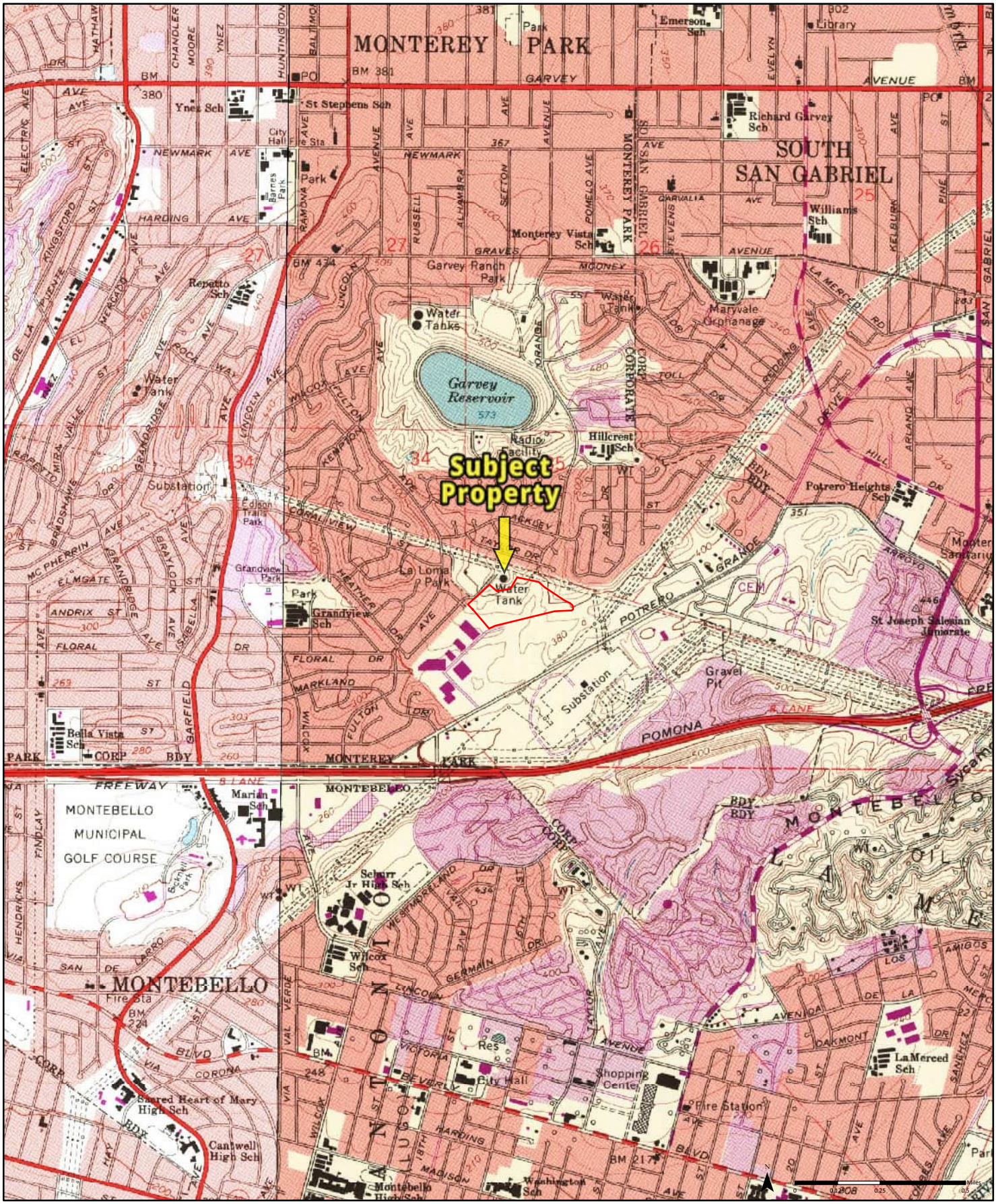
1991

Quadrangle(s): **Alhambra, CA**
El Monte, CA(1-1991)
Los Angeles, CA(2-1981)

Source: USGS 7.5 Minute Topographic Map

Order No. 23031600529

PARTNER



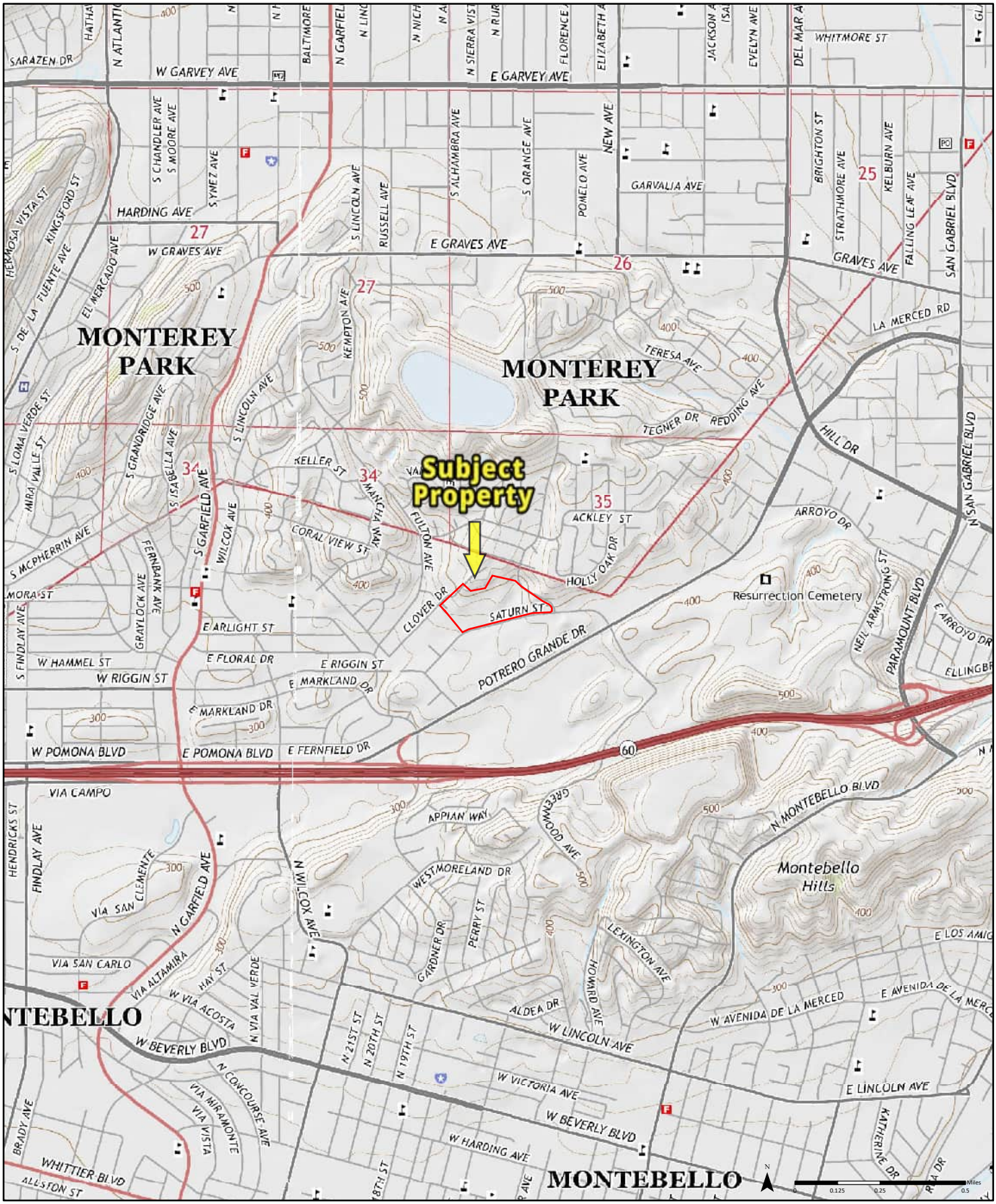
1994

Quadrangle(s): **Alhambra, CA**
El Monte, CA(1-1994)
Los Angeles, CA(2-1994)

Source: USGS 7.5 Minute Topographic Map

Order No. 23031600529

PARTNER



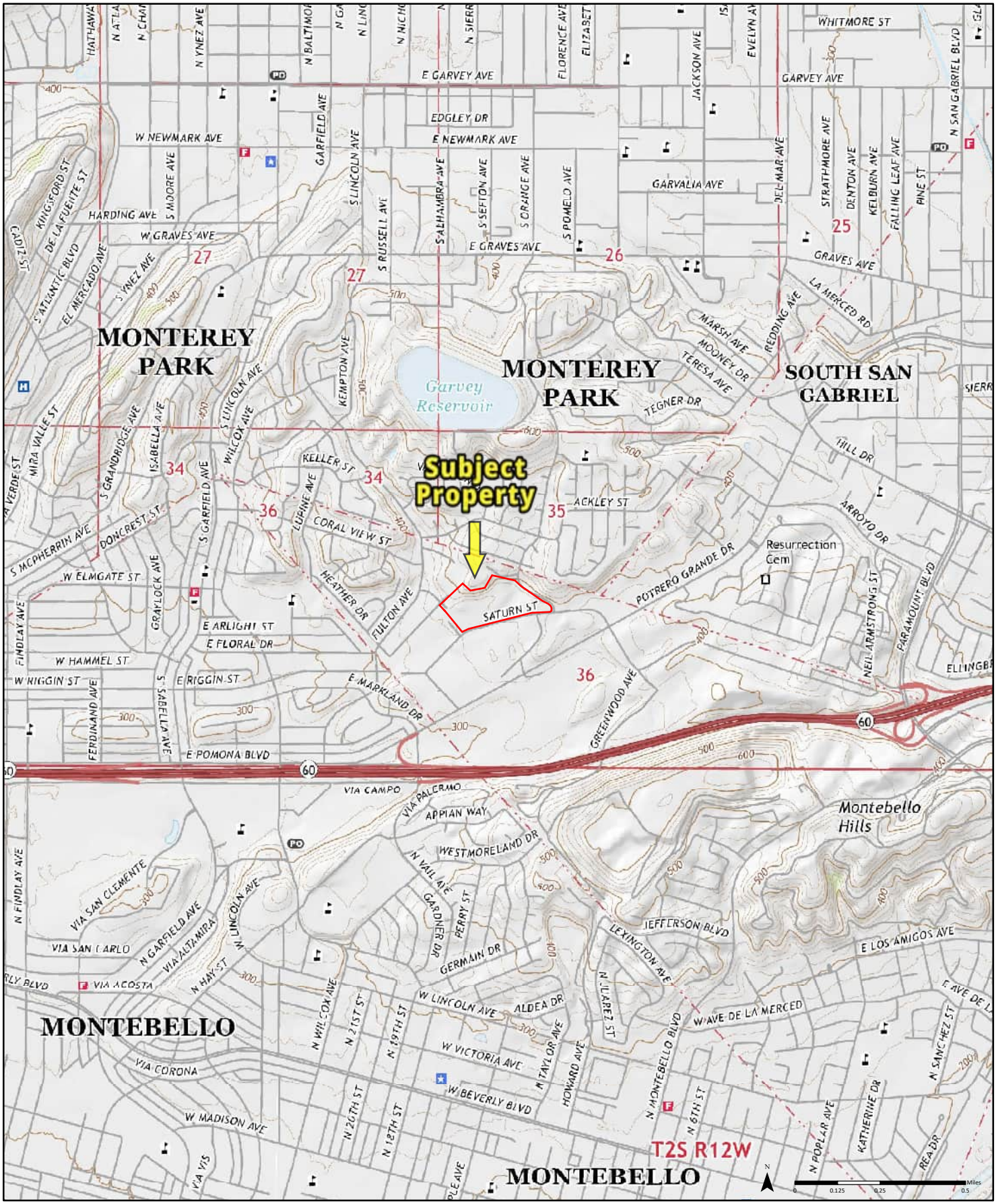
2015

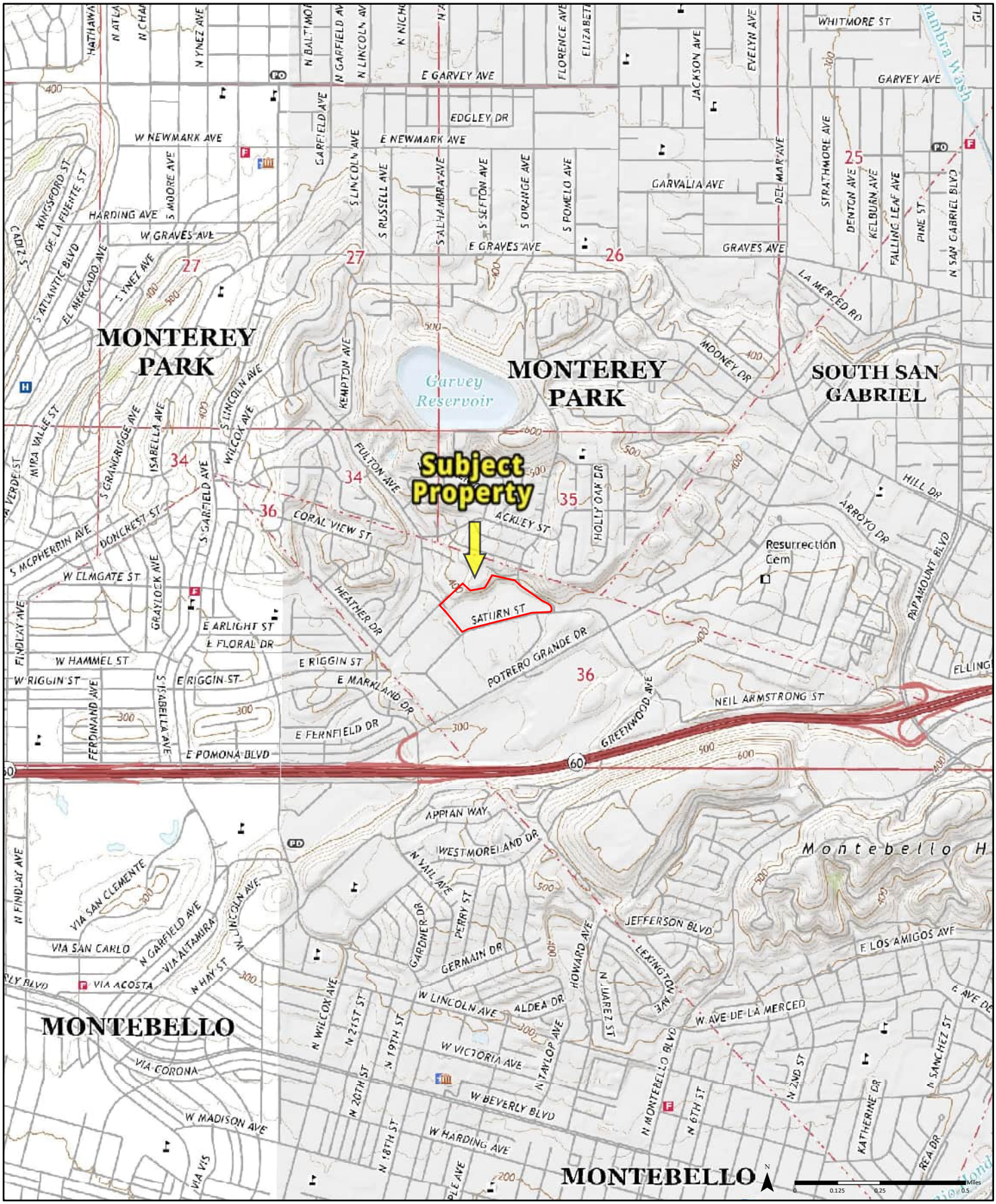
Quadrangle(s): **El Monte, CA**
Los Angeles, CA

Order No. 23031600529

Source: USGS 7.5 Minute Topographic Map

PARTNER


Subject Property
MONTEREY PARK
MONTEREY PARK
SOUTH SAN GABRIEL
MONTEBELLO
MONTEBELLO
Garvey Reservoir
Montebello Hills
Resurrection Cem
T2S R12W
E GARVEY AVE
W NEWMARK AVE
E NEWMARK AVE
EDGLEY DR
GARVALIA AVE
HARDING AVE
W GRAVES AVE
E GRAVES AVE
GRAVES AVE
WHITMORE ST
GARVEY AVE
TEGNER DR
HILL DR
ACKLEY ST
KELLER ST
CORAL VIEW ST
SATURN ST
POTRERO GRANDE DR
ARROYO DR
W ELMGATE ST
E ARLIGHT ST
E FLORAL DR
W HAMMEL ST
W RIGGIN ST
E RIGGIN ST
E MARKLAND DR
E POMONA BLVD
VIA CAMPO
VIA PALERMO
APPIAN WAY
WESTMORELAND DR
JEFFERSON BLVD
LEXINGTON AVE
E LOS AMIGOS AVE
W LINCOLN AVE
ALDEA DR
W AVE DE LA MERCED
W VICTORIA AVE
W BEVERLY BLVD
VIA CORONA
W MADISON AVE
GERMAIN DR
N HAY ST
VIA ACOSTA
VIA SAN CARLO
VIA SAN CLEMENTE
VIA ALTAMIRA
N GARFIELD AVE
W LINCOLN AVE
N FINDLAY AVE
S GRANDRIDGE AVE
S GARFIELD AVE
S LINCOLN AVE
S ATLANTIC BLVD
EL MERCADO AVE
S YNEZ AVE
S MOORE AVE
S RUSSELL AVE
S ALHAMBRA AVE
S SEFTON AVE
S ORANGE AVE
S POMELO AVE
KEMPTON AVE
WILCOX AVE
LUPINE AVE
HEATHER DR
FULTON AVE
GRAYLOCK AVE
DONCREST ST
S MCPHERRIN AVE
MIRA VALLE ST
ISABELLA AVE
FERDINAND AVE
GREENWOOD AVE
PARAMOUNT BLVD
NEIL ARMSTRONG ST
REDDING AVE
MARSH AVE
MOONEY DR
TERESA AVE
LA MERCED RD
DELMAR AVE
STRATHMORE AVE
DENTON AVE
KELBURN AVE
FALLING LEAF AVE
PINE ST
N SAN GABRIEL BLVD
JACKSON AVE
EVELYN AV
FLORENCE AVE
ELIZABET
N BALTIMOR
N YNEZ AVE
HATHAWA
N ATLA
N CHAR
N LINC
N NICHO
N SIERR
N GA
KINGSFORD ST
DE LA FUENTE ST
CAYUZ ST
N ALHAMBRA AVE
N SAN GABRIEL AVE
N ALTA VISTA AVE
N ALTA VISTA CT
N ALTA VISTA PL
N ALTA VISTA TER
N ALTA VISTA WAY
N ALTA VISTA CIR
N ALTA VISTA DR
N ALTA VISTA LN
N ALTA VISTA RD
N ALTA VISTA ST
N ALTA VISTA AVE
N ALTA VISTA BLVD
N ALTA VISTA PKWY
N ALTA VISTA HWY
N ALTA VISTA TRL
N ALTA VISTA PATH
N ALTA VISTA SQ
N ALTA VISTA GRN
N ALTA VISTA GRV
N ALTA VISTA MDW
N ALTA VISTA OVL
N ALTA VISTA PLZ
N ALTA VISTA RDG
N ALTA VISTA SHR
N ALTA VISTA VLY
N ALTA VISTA WLK



2022

Quadrangle(s): **El Monte, CA**
Los Angeles, CA

Order No. 23031600529

Source: USGS 7.5 Minute Topographic Map

PARTNER

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

RECEIVED BY | PLAN CHECK NO.

ISSUED BY Bob Hyne Insp | PERMIT NO. 007197

GROUP | TYPE CONST. | USE ZONE | FIRE ZONE

FOR APPLICANT TO FILL IN

BUILDING ADDRESS 2001 SATURN ST
WESTERN ELECTRIC
ADDRESS
CITY TEL. NO.
OWNER OF PROPERTY
ADDRESS
CITY TEL. NO.
CONTRACT OR
ADDRESS
CITY TEL. NO.
ARCHITECT OR ENGINEER
ADDRESS
CITY TEL. NO.
CITY LISTING

OWNER — BUILDER — Fill Out Below

I HEREBY ACKNOWLEDGE I HAVE READ THIS APPLICATION AND STATE THE INFORMATION I HAVE SUPPLIED IS CORRECT.

I CERTIFY THAT I AM EXEMPT FROM THE PROVISIONS OF CHAPTER 9, DIVISION 3, BUSINESS AND PROFESSIONS CODE STATE CONTRACTORS LICENSE LAW BECAUSE: (CHECK ONE BELOW).

☐ I AM THE OWNER OF THE DESCRIBED PROPERTY AND I WILL PERSONALLY PERFORM ALL WORK TO BE DONE UNDER THIS PERMIT.

☐ I AM THE OWNER OF THE DESCRIBED PROPERTY AND I WILL CONTRACT TO HAVE ALL THE WORK DONE EXCEPT WORK PERFORMED BY LICENSED CONTRACTORS.

OWNER SIGNATURE

CONTRACTOR — Fill Out Below

NAME ORVIN ENG. CORP.
ADDRESS 251 W. IMPERIAL HWY
CITY LA HABRA 90631 TEL. NO. 691-0884
STATE LIC. NO. 150751 CITY LIC. NO. 0-03741-L

I HEREBY ACKNOWLEDGE I HAVE READ THIS APPLICATION AND STATE THE INFORMATION I HAVE SUPPLIED IS CORRECT.

AUTHORIZED SIGNATURE Dennis Orvin FOR O.E.C.

DESCRIPTION OF WORK

LOT NO. | BLOCK | TRACT
SIZE OF LOT | NO. OF BLDGS. ON LOT

NEW ☐ | SIZE IN SQ. FT. 36,735 SQUARE
ADDITION ☐ | NO. OF STORIES 1
REPAIR ☐ | INTERIOR WALL COVER
RELOCATION ☐ | EXTERIOR WALL COVER
DEMOLITION ☐ | ROOFING MATERIAL

DESCRIBE WORK TO BE DONE AND USE OF PROPOSED STRUCTURE:

INSTALLATION OF
FIRE SPRINKLERS
(DISTRIBUTION CENTER)

SPECIAL FEES, E. G. $ 2.54 AUG-11-77 26[illegible]

AT .10 AT .05
PLAN STORAGE $

VALUATION $ 36,735

INCLUDES LABOR, MATERIALS, WIRING, PLUMBING, HEATING, AIR COND., ETC.

PLAN CHECK FEE $ 41.70
PERMIT FEE $ 316.00
FEE $
TOTAL FEE $ 357.70
GRAND TOTAL 361.24

INSPECTION RECORD

INSPECTIONS	APPROVED BY	DATE
TEMPORARY TOILET		
FOOTINGS, FORMS		
FLOOR JOISTS		
ROOF SHEATHING		
FRAMING		
EXTERIOR LATH		
INTERIOR LATH		
DRYWALL		
EXTERIOR SCRATCH COAT		
INTERIOR BROWN COAT		
EXTERIOR BROWN COAT		
LANDSCAPING		
PARKING		
FINAL BLDG. INSP		

CORRECTION NOTES:
[illegible] ALLOW EXHAUST TYPE OF HYDRANT
CHECK VALVE REQ (NO CHECK = BELL)

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A PLAN CHECK FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

AUG-11-77 26447 [illegible] 141.70

WHEN PROPERLY VALIDATED IN BELOW SPACE, THIS APPLICATION BECOMES A RECEIPT FOR A BUILDING PERMIT TO BE ISSUED UPON

AUG-11-77 26447

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B07-0308

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **2001 SATURN ST**

APN: **5265025048**

Plan Check Submitted: **03/06/2007**
Plan Check Expires: **07/23/2007**
Permit Issued:
Permit Expires: **04/29/2008**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **STEVE HAMILTON**
224 E. OLIVE AVE

BURBANK, CA 91502
Phone: 818-955-8353

Architect:

Phone:
License:

Contractor: **MDL CONSTRUCTION INC.**
5339 HACIENDA COURT

RANCHO CUCAMONA, CA 91739
Phone: 909 899 6717
License: 748447

Owner: **UNION BANK OF CALIFORNIA**
445 S.FIGUEROA ST.

LOS ANGELES, CA 90071
Phone: 213 236 4161

Valuation: **190,000.00**
Project Floor Area: **4750**
Stories: **1**

Fire Sprinklers: **Y**
Air Conditioning: **Y**

Work Description:
T.I. Relocating Office to New Location. New Walls, Relocating Light Fixtures & Electrical. New Computer Floor. Office of "HOA"

Total Fees:	**$5,461.77**
Paid Amount:	**$5,461.77**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B23-0033

Addition

Inspection Hotline: **(626) 307-1229**
Inspector Area:

Job Address: **2001 SATURN ST**

APN: **5265025048**

Permit Issued: **08/22/2023**
Permit Expires: **09/15/2024**
Status: **Issued**
Application Type: **Non-Residential**

Applicant: **sunghean lee**
3361 1st St.

Los Angeles, CA 90004
Phone:

Architect:

Phone:
License:

Contractor: **STN CONSTRUCTION INC**

Phone:
License: 1065325

Owner: **LIKE DREAMS**

Phone: 323 605 0053

Valuation: **$2,608,920.00**
Project Floor Area: **9000**
Stories: **2**

Fire Sprinklers:
Occupancy Classification: **B**
Type of Construction: **V-B**

Work Description:
9,000 SF 2ND FLOOR ADDITION TO EXISTING COMMERCIAL BUILDING.
9,000 SF TENANT IMPROVEMENT TO EXISTING 1ST FLOOR TO CHANGE OFFICE LAYOUT.

Total Fees:	**$136,168.27**
Paid Amount:	**$136,168.27**
Balance:	**$0.00**

UNIT BREAKDOWN FOR B23-0033

2.00	Services (600 volts or less & not over 200 amp)
2.00	Sub-panel or Switchboard
1.00	Power Apparatus (Up to 1 HP)
3.00	Power Apparatus (Over 1 to 10 HP)
3.00	Electric Water-Heater
67.00	Branch Circuits
220.00	Receptacle/Switch/Junction Box/Other Outlet
257.00	Lighting Fixture/Sockets or Other Lamp-Holding Devices
101.00	Diffuser or Registers
12.00	Toilet
4.00	Urinal
2.00	Kitchen Sink
8.00	Lavatory
4.00	Floor Drain
1.00	Residential Dishwasher
30.00	P-Trap
30.00	Water Piping
30.00	Drain Piping/Sewer Line
1.00	Sewer Extension
2.00	Water Heater/Tankless Water Heater
1.00	Dishwasher

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

BLDG980365

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **03**

Job Address: **2001 SATURN ST**

APN: **5265025048**

Plan Check Submitted: **08/19/1998**
Plan Check Expires: **01/20/1999**
Permit Issued:
Permit Expires: **01/01/1900**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **SAUNDERS CONSTRUCTION INC.**
1760 MONROVIA AVE #A-1

COSTA MESA, CA 92627
Phone: 949 646-0034

Architect:

Phone:
License:

Contractor: **SAUNDERS CONSTRUCTION INC.**
1760 MONROVIA AVE #A-1

COSTA MESA, CA 92627
Phone: 949 646-0034
License: 616856

Owner: **NEAR CAL CORP**
2001 SATURN ST

MONTEREY PARK, CA 91755
Phone: 310 803-5583

Valuation: **0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning: **N**

Work Description:
STRUCTURAL REPAIRS PER WATER DAMAGE; GLUE-LAM BEAM & PLYWOOD SHEATHING

Total Fees:	**$169.63**
Paid Amount:	**$169.63**
Balance:	**$0.00**

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

RECEIVED BY | PLAN CHECK NO.
ISSUED BY | PERMIT NO. 008080
GROUP | TYPE CONST. | USE ZONE | FIRE ZONE

FOR APPLICANT TO FILL IN

BUILDING ADDRESS: 2001 Saturn St.
OWNER: J.A. Stewart Dev. Co.
ADDRESS: 1510 Fenwick Ln
CITY: Walnut Park TEL. NO.: 213-771-3553
ARCHITECT
ADDRESS
CITY TEL. NO.
ENGINEER OR DESIGNER
ADDRESS
CITY LIC. NO.

OWNER – BUILDER – Fill Out Below

I HEREBY ACKNOWLEDGE I HAVE READ THIS APPLICATION AND STATE THE INFORMATION I HAVE SUPPLIED IS CORRECT.

I CERTIFY THAT I AM EXEMPT FROM THE PROVISIONS OF CHAPTER 9, DIVISION 3, BUSINESS AND PROFESSIONS CODE STATE CONTRACTORS LICENSE LAW BECAUSE: (UNDER ONE BELOW):

I AM THE OWNER OF THE DESCRIBED PROPERTY AND I WILL PERSONALLY PERFORM ALL WORK TO BE DONE UNDER THIS PERMIT.

I AM THE OWNER OF THE DESCRIBED PROPERTY AND I WILL CONTRACT TO HAVE ALL THE WORK HEREIN PERFORMED BY LICENSED CONTRACTORS.

APPLICANT'S SIGNATURE

CONTRACTOR – Fill Out Below

J.A. Stewart Const. Co.
ADDRESS P.O. Box 100
CITY Walnut TEL. NO. 213-771-3553
LIC. NO. 220841 CITY LIC. NO.

I HEREBY ACKNOWLEDGE I HAVE READ THIS APPLICATION AND STATE THE INFORMATION I HAVE SUPPLIED IS CORRECT.

APPLICANT'S SIGNATURE Randy Stewart

DESCRIPTION OF WORK

LOT NO. | BLOCK | TRACT
SIZE OF LOT | NO. OF BLDGS. ON LOT
NEW | SIZE IN SQ. FT. | GARAGE
ADDITION | NO. OF STORIES
REPAIR | INTERIOR WALL COVER
RELOCATION | EXTERIOR WALL COVER
DEMOLITION | ROOFING MATERIAL

DESCRIBE WORK TO BE DONE AND USE OF PROPOSED STRUCTURE:

Install Flagpole on site @ 2001 Saturn
Location Approved by planning See original plans
JAN 26-78
JAN 26-78

SPECIAL FEES, E. H. $ .07
2 SET. @ ___ AT .06 PLAN STORAGE $ .20
VALUATION (INCLUDES LABOR, MATERIALS, WIRING, PLUMBING, HEATING, AIR COND., ETC.) $ 1,000.00

PLAN CHECK FEE $
PERMIT FEE $ 10.00
FEE $
TOTAL FEE $ 10.27
GRAND TOTAL $ 10.27

VALUATION IN BELOW SPACE INDICATES ONLY THAT A PLAN CHECK FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

WHEN PROPERLY VALIDATED IN BELOW SPACE, THIS APPLICATION CONSTITUTES RECEIPT FOR A BUILDING PERMIT TO PERFORM THE SCHEDULED WORK.

INSPECTION RECORD

INSPECTIONS	APPROVED BY	DATE
TEMPORARY TOILET		
FOOTINGS, FORMS	[illegible]	2-15-78
FLOOR JOISTS		
ROOF SHEATHING		
FRAMING		
EXTERIOR LATH		
INTERIOR LATH		
DRYWALL		
EXTERIOR SCRATCH COAT		
INTERIOR BROWN COAT		
EXTERIOR BROWN COAT		
LANDSCAPING		
PARKING		
FINAL BLDG. INSP	[illegible]	3/6/78

CORRECTION NOTES:

4-1-78

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211

320 West Newmark Ave. - Monterey Park, California

PLUMBING HEATING AND COOLING PERMIT – APPLICATION

PERMIT NUMBER	DATE ISSUED	ISSUED BY
73834	6-29-77	K Diaz

JOB ADDRESS: 2001 S Lotus

NAME: JA STEWART DEVELOPMENT CO.

ADDRESS: P.O. BOX 100

CITY: Commerce TEL. NO. 685-3837

NAME OF LICENSED PLUMBING CONTRACTOR: Mr. Rooter Plumbing Co.

ADDRESS: 2001 S. Garfield Ave. #100 P.O. Box 1204

CITY: Monterey Park TEL. NO. 719-726-5551

STATE LIC. NO. 276841 CITY LIC. NO.

I certify that I am properly registered and licensed as required by the City of Monterey Park and State of California or that I am the legal owner of the above described landscape property.

Authorized Signature: [signature]

SCHEDULE OF MECHANICAL CODE FEES

	Install or relocate each floor or wall furnace, suspended or unit heater (includes vents)	4.00	
	Install or relocate each forced air or gravity-type furnace. To and incl. 100M B.t.u.'s	4.00	
6	Install or relocate each forced - air or gravity-type furnace. Over 100M B.t.u.'s	6.00	36 00
	Install, relocate or replace each appliance vent, not installed on appliance permit.	2.00	
	Repair, alter or add to each heat appliance, refrig. cooling or clean. unit or system.	4.00	
6	Install or relocate each boiler or compressor to and incl. 3 H.P. Absorp. unit to and incl. 100M	4.00	24 00
3	Over 3 - 15 H.P. Absorp. unit over 100M - 500M	7.50	22 50
	Over 15 - 30 H.P. Absorp. unit over 500M-1000M	15.00	
	Ov. 30-50 H.P. Absorp. unit over 1,000M-1,750M	15.00	
	Over 50 H.P. Absorp. unit over 1,750M	25.00	
4	Each Air Handling - Unit to and incl. 10M C.F.M.	3.00	12 00
2	Each Air Handling Unit over 10M C.F.M.	5.00	10 00
	Each Evaporative Cooler - Not portable type	3.00	
	Each vent fan connected to a single duct	2.00	
	Each vent system not incl. by other permit	3.00	
	Each clothes, hood with outlet, exhaust	3.00	
	Each Domestic Type incinerator	5.00	
	Each commer. or indust. type incinerator	20.00	
	Each appliance or equipment not listed	3.00	
1	For issuance of each mechanical permit	3.00	3 00
	TOTAL OF MECHANICAL FEES	$	101 50

SCHEDULE OF PLUMBING FEES

4	Toilet	@ 2.00	8 00
	Bath Tub	@ 2.00	
1	Shower	@ 2.00	2 00
1	Sink	@ 2.00	2 00
5	Lavatories	@ 2.00	10 00
1	Laundry Tray	@ 2.00	2 00
	Automatic Washer	@ 2.00	
	Dishwasher	@ 2.00	
3	Drinking Fountain	@ 2.00	6 00
2	Urinals	@ 2.00	4 00
	Trailer Park Trap	@ 2.00	
	Commer. Kitchen Grease Trap	@ 5.00	
	Industrial Waste Interceptor	@ 5.00	
	Install, Repair, Alter water piping	@ 2.00	
	Water Treating Equipment	@ 2.00	
	Repair or Alter Drain or Vent Pipe	@ 2.00	
1	Water Heater - Incl. Vent	@ 2.00	2 00
	Gas System 1 - 5 Outlets	@ 2.00	2 00
13	Gas System - 6 or more - Per Outlets	@ .50	6 50
1	Yard Sprinkler System - Per Meter	@ 4.00	4 00
1	Backflow Devices 1 - 5	@ 2.00	2 00
	Backflow Devices 6 or more	@ .50	
	Rainwater System Per Drain	@ 2.00	
	Each Private Sewage System	@10.00	
	Each Sewer Extension	@ 5.00	
1	Each Sewer Connection	@15.00	15 00
	Each Floor Sink	@ 2.00	
	Each P-trap	@ 2.00	
	Pool Filter System	@ 2.00	
	Pool Water Piping	@ 2.00	
	Each Sewer Cap	@ 2.00	
1	For Issue of Plumbing Permit	@ 3.00	3 00
	TOTAL OF PLUMBING FEES		66 00
	TOTAL OF MECHANICAL FEES		101 50
	GRAND TOTAL – FEES TO BE PAID		167 50

INSPECTION RECORD

INSPECTIONS	APPROVED BY	DATE
UNDERFLOOR WORK	[illegible]	[illegible]
GAS PIPING	[illegible]	[illegible]
HEATING		
REFRIGERATION		
DUCT AIR SYSTEM	[illegible]	[illegible]
GAS VENTS		
ROUGH PLUMBING	[illegible]	[illegible]
FIXTURES		
SEWER	[illegible]	[illegible]
GAS TEST	[illegible]	[illegible]
MISCELLANEOUS		
FINAL	[illegible]	12-21-77
UTILITIES NOTIFIED		

CORRECTION NOTES:
11-9-77 Not Complete [illegible]
[illegible]

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A PLAN CHECK FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

WHEN PROPERLY VALIDATED IN BELOW SPACE, THIS APPLICATION BECOMES A RECEIPT FOR A BUILDING PERMIT TO PERFORM THE DESCRIBED WORK.

JUL 19 77 262163 [illegible]

1 – 1 – 78

JOB COPY

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211

320 West Newmark Ave. Monterey Park, California

ELECTRICAL PERMIT — APPLICATION

PERMIT NUMBER	DATE ISSUED	ISSUED BY
011779	10-24-77	

JOB ADDRESS 2001 SATURN ST

OWNER
NAME WESTERN ELECTRIC
ADDRESS 2001 SATURN ST
CITY MONTEREY PARK

CONTRACTOR
NAME STEUSSIE ELECTRIC
ADDRESS 2645 BURNET
CITY LAN NUYS TEL. NO. 7801537
State License 373990 M. P. License

NO.		FEES
	PERMIT	$9 00
	SERVICE ..... AMPS @.....	
	OUTLETS	
74	FIXTURES	10 40
	List Appliances, Motors, Signs, Etc.	
6	UP TO 10 KW	18 00
2	1 KW	2 00
	PLAN CHECK FEE	
	MINIMUM FEE $6.00 TOTAL	33 40

I hereby certify that all work will be installed to conform to Monterey Park Ordinances and California State Laws applicable thereto; that I have carefully examined the above application and know the same to be true and correct.

Signature of Applicant

BRANCH CIRCUIT PANEL

APT. NO.
1ST FLOOR ☐
2ND FLOOR ☐

	CIRCUIT NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	SWITCH/FIXTURE
LIGHTING																						
PLUGS																						
APPLIANCE PLUGS																						
FRONT PORCH																						
ENTRY HALL																						
LIVING ROOM																						
DINING ROOM																						
BRKFST. AREA																						
KITCHEN																						
DISPOSAL																						
RANGE-OUTLET																						
RANGE-TOP																						
RANGE-OVEN																						
FAN																						
SERVICE AREA																						
WASHER																						
DRYER																						
REAR PORCH																						
HALL																						
BEDROOM 1																						
BEDROOM 2																						
BEDROOM 3																						
DEN																						
CLOSET																						
BATHROOM 1																						
HEATER																						
BATHROOM 2																						
HEATER																						
SHOWER																						
TRANSFORMER																						
GARAGE																						
PATIO																						
SWIM POOL																						
NO. OF OUTLETS EACH CIRCUIT																						

Approvals	Date	Inspector
CONDUIT		
WIRING	11-3-77	[illegible]
SERVICE	11-3-77	[illegible]
FIXTURES	11-3-77	[illegible]
FINAL		
[illegible]	11-3-77	[illegible]

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A PLAN CHECK FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

WHEN PROPERLY VALIDATED IN BELOW SPACE, THIS APPLICATION BECOMES A RECEIPT FOR A BUILDING PERMIT TO PERFORM THE DESCRIBED WORK.

OCT-31-77 271320 A — 33.40

JOB COPY

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211
320 West Newmark Ave. Monterey Park, California

ELECTRICAL PERMIT – APPLICATION

	DATE ISSUED	ISSUED BY
611741	7/15/77	

001 SATURN ST.
J. A. STEWART CON.
1150 FENWICK LN
WESTMINSTER TEL. NO. 714) 8735511
SAME AS ABOVE

TEL. NO.

M. P. License

	FEES
PERMIT	1100
SERVICE ____ AMPS @ ____	
OUTLETS	
FIXTURES	
List Appliances, Motors, Signs, Etc.	
Powerpole 100 Amp	6.00
PLAN CHECK FEE	
MINIMUM PER $6.00 TOTAL	8.00

I hereby apply for all work with the information to conform to the Monterey Park Ordinances and California Laws applicable thereto. And I have carefully examined the above application and know same to be true and correct.

Signature of Applicant

SERVICE CIRCUIT PANEL

APT. NO.
1ST FLOOR
2ND FLOOR

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	SWITCH	FIXTURE
LIGHTING																						
PLUGS																						
APPLIANCE PLUGS																						
CIRCUIT NO.																						
FRONT PORCH																						
ENTRY HALL																						
LIVING ROOM																						
DINING ROOM																						
BRKFST. AREA																						
KITCHEN																						
DISPOSAL																						
RANGE-OUTLET																						
RANGE-TOP																						
RANGE-OVEN																						
FAN																						
SERVICE AREA																						
WASHER																						
DRYER																						
REAR PORCH																						
HALL																						
BEDROOM 1																						
BEDROOM 2																						
BEDROOM 3																						
DEN																						
CLOSET																						
BATHROOM 1																						
HEATER																						
BEDROOM 2																						
HEATER																						
SHOWER																						
TRANSFORMER																						
GARAGE																						
PATIO																						
SWIM POOL																						
NO. OF OUTLETS EACH CIRCUIT																						

Approvals	Date	Inspector
CONDUIT		
WIRING		
SERVICE	7/18/77	
FIXTURES		
FINAL	7-18-77	
Utility Notified	7/18/77	

Comp. Cov. 4-1-78

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A PLAN CHECK FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

WHEN PROPERLY VALIDATED IN BELOW SPACE, THIS APPLICATION BECOMES A RECEIPT FOR A BUILDING PERMIT TO PERFORM THE OPERATIONS HEREIN

JUL 15-77 261039 A — 8.00

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211
320 West Newmark Ave. Monterey Park, California

ELECTRICAL PERMIT – APPLICATION

PERMIT NUMBER	DATE ISSUED	ISSUED BY
11503	7/29/77	M Bendle

(001) Saturn Avenue

. A. Stewart Development Co.,

Westminister, Ca. TEL. NO (714) 898-5551

. Morris Electric

2631 Lambert St., Suite 107

Laguna Toro, Ca. TEL. NO (714) 770-0231

LICENSE NO. C-10 334742 M. P. License

		FEES
PERMIT		$3 00
SERVICE 400 AMPS @ 1	10	00
OUTLETS 100 (100)	1	00
FIXTURES 100	25	00
List Appliances, Motors, Signs, Etc.		
Motors @ 30 HP	10	—
" @ 10 HP	6	—
" @ 1.5 HP	3	—
" @ 3/4 HP	1	—
1 Sign	5	—
4 Duct Heater @ 5 KW	12	—
PLAN CHECK FEE N/A		—
MINIMUM FEE $5.00 TOTAL	96	00

I hereby certify that all work will be installed to conform to Monterey Park Ordinances and California State Laws applicable thereto; that I have carefully examined the above application and know the same to be true and correct.

Signature of Applicant

BRANCH CIRCUIT PANEL

APT. NO.
1ST FLOOR ☐
2ND FLOOR ☐

	CIRCUIT NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	SWITCH	FIXTURE
LIGHTING																							
PLUGS																							
APPLIANCE PLUGS																							
FRONT PORCH																							
ENTRY HALL																							
LIVING ROOM																							
DINING ROOM																							
BREAST. AREA																							
KITCHEN																							
DISPOSAL																							
RANGE-OUTLET																							
RANGE-TOP																							
RANGE-OVEN																							
FAN																							
SERVICE AREA																							
WASHER																							
DRYER																							
REAR PORCH																							
HALL																							
BEDROOM 1																							
BEDROOM 2																							
BEDROOM 3																							
DEN																							
CLOSET																							
BATHROOM 1																							
HEATER																							
BATHROOM 2																							
HEATER																							
SHOWER																							
TRANSFORMER																							
GARAGE																							
PATIO																							
SWIM POOL																							
NO. OF OUTLETS EACH CIRCUIT																							

Approvals	Date	Inspector
CONDUIT	10-4-77	
WIRING	11-3-77	
SERVICE	11-3-77	
FIXTURES	11-3-77	
FINAL	12-1-77	
Utility Notified	11-9-77	MS

8-28-77

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A PLAN CHECK FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

WHEN PROPERLY VALIDATED IN BELOW SPACE, THIS APPLICATION BECOMES A RECEIPT FOR A BUILDING PERMIT TO PERFORM THE DESCRIBED WORK.

JUL-29-77 Z 65111 A — A M 96.2L

CITY OF MONTEREY PARK

BUILDING DEPARTMENT PHONE: 573-1211

320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

RECEIVED BY | PLAN CHECK NO.

ISSUED BY | PERMIT NO. 107462

GROUP F2 | FIRE DISTRICT | USE ZONE M | FIRE ZONE 2

FOR APPLICANT TO FILL IN

BUILDING ADDRESS [illegible] ST.

OWNER [illegible]

ADDRESS

CITY [illegible] TEL. NO.

CONSTRUCTION LENDER

ARCHITECT

ADDRESS

CITY TEL. NO.

ARCHITECT OR ENGINEER

ADDRESS

CITY TEL. NO.

STATE LIC. NO. CITY LIC. NO.

OWNER — BUILDER — Fill Out Below

I HEREBY ACKNOWLEDGE I HAVE READ THIS APPLICATION AND STATE THE INFORMATION I HAVE SUPPLIED IS CORRECT.

I CERTIFY THAT I AM EXEMPT FROM THE PROVISIONS OF CHAPTER 9, DIVISION 3, BUSINESS AND PROFESSION CODE (STATE CONTRACTORS LICENSE LAW) BECAUSE: (CHECK ONE BELOW).

I AM THE OWNER OF THE DESCRIBED PROPERTY AND I WILL PERSONALLY PERFORM ALL WORK TO BE DONE UNDER THIS PERMIT.

I AM THE OWNER OF THE DESCRIBED PROPERTY AND I WILL CONTRACT TO HAVE ALL THE INDICATED WORK PERFORMED BY LICENSED CONTRACTORS.

AUTHORIZED SIGNATURE

CONTRACTOR — Fill Out Below

NAME [illegible]

MAIL ADDRESS [illegible]

CITY [illegible] TEL. NO. [illegible]

STATE LIC. NO. CITY LIC. NO.

I HEREBY ACKNOWLEDGE I HAVE READ THIS APPLICATION AND STATE THE INFORMATION I HAVE SUPPLIED IS CORRECT.

AUTHORIZED SIGNATURE [signature]

DESCRIPTION OF WORK

LOT NO. BLOCK TRACT

SIZE OF LOT NO. OF BLDGS. ON LOT

NEW SIZE IN SQ. FT. GARAGE

ADDITION NO. OF STORIES one

REPAIR INTERIOR WALL COVER

RELOCATION EXTERIOR WALL COVER

DEMOLITION ROOFING MATERIAL

DESCRIBE WORK TO BE DONE AND USE OF PROPOSED STRUCTURE:

Installation of Patio Rack and Swing Also Canvas for Window Square

SEP-30 [illegible] 266611 A — 2 2.24

SPECIAL FEES, E. S. 2.24

[illegible] AT .10 [illegible] AT .50 PLAN STORAGE 5.50

SEP-30 [illegible] 266612 A — 2 5.50

VALUATION INCLUDES LABOR, MATERIALS, WIRING, PLUMBING, HEATING, AIR COND., ETC. $ 32,000

PLAN CHECK FEE $

PERMIT FEE $ 193.00

FEE $

TOTAL FEE $

GRAND TOTAL $ 200.74

INSPECTION RECORD

INSPECTIONS	APPROVED BY	DATE
TEMPORARY TOILET		
FOOTINGS, FORMS		
FLOOR JOISTS		
ROOF SHEATHING		
FRAMING		
EXTERIOR LATH		
INTERIOR LATH		
DRYWALL		
EXTERIOR SCRATCH COAT		
INTERIOR BROWN COAT		
EXTERIOR BROWN COAT		
LANDSCAPING		
PARKING		
FINAL BLDG. INSP	[illegible]	[illegible]

CORRECTION NOTES:

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A PLAN CHECK FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

WHEN PROPERLY VALIDATED IN BELOW SPACE, THIS APPLICATION BECOMES A RECEIPT FOR A BUILDING PERMIT TO PERFORM THE OPERATIONS

SEP 30 [illegible] 266617 A — 5 193.00

JOB COPY

W/C = 7-30-76

CERTIFICATE OF OCCUPANCY

City of Monterey Park

320 W. Newmark Avenue, Monterey Park CA 91754

Building Division Tel. (626) 307 1300

Building Address: *2001 Saturn St.*

Certificate No: *56637*

Business Name: *Union Bank of California*

Area Occupied: *38,711* **sq.ft.**

Business Owner: *Union Bank of California*

Phone Number: *(323) 720-2090*

Building Owner: *Union Bank of California*

Phone Number: *(323) 720-2090*

Type Construction: *III-N Fully Sprinklered* **Type Occupancy:** *B*

Type Business: *Financial Institution*

T.I. Permit Number: *B04-1637* **Maximum Occupant Load:** *N/A*

Design Floor Live Load: *N/A*

Use Zone: *O-P* **CUP:** *N/A*

Variance: *N/A*

Other Restrictions:

Remarks:

Issuance of a Certificate of Occupancy shall not be construed as an approval of any violation of the provisions of the Monterey Park Municipal code. This certificate does not prevent the governing agencies from requiring corrections of any violations discovered hereafter, or suspending this certificate until such required corrections are made.

Date Issued: *09/12/2005* **Building Official:** _____ **Inspection Cleared by:** _____

POST IN A CONSPICUOUS SPACE

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B04-0450

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area:

Job Address: **2001 SATURN ST**

APN: **5265025048**

Plan Check Submitted: **04/19/2004**
Plan Check Expires: **06/04/2004**
Permit Issued:
Permit Expires: **04/21/2005**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **KIYOMURA & ASSOC.**
350 S. FIGUEROA ST. #177

LOS ANGELES, CA 90071
Phone: 213 626 8170

Architect:

Phone:
License:

Contractor: **MDL CONSTRUCTION INC.**
5339 HACIENDA COURT

RANCHO CUCAMONA, CA 91739
Phone: 909 899 6717
License: 748447

Owner: **UNION BANK OF CALIFORNIA**
2001 SATURN ST

MONTEREY PARK, CA 91755
Phone: 213 236 7060

Valuation: **0.00**
Project Floor Area: **0**
Stories: **0**

Fire Sprinklers: **N**
Air Conditioning: **N**

Work Description:
DEMO INTERIOR NON-BEARING PARTITION & CEILING.

Total Fees:	**$482.51**
Paid Amount:	**$482.51**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B04-0541
Addition

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **2001 SATURN ST**

APN: **5265025048**

Plan Check Submitted: **05/10/2004**
Plan Check Expires: **11/22/2004**
Permit Issued:
Permit Expires: **07/12/2005**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **FRANK KIYOMURA**

Phone: 213 626 8170 ext #104

Architect: **K. KENSHI NISHIMOTO**

Phone:
License: C7581

Contractor: **MDL CONSTRUCTION INC.**
5339 HACIENDA COURT

RANCHO CUCAMONA, CA 91739
Phone: 909 899 6717
License: 748447

Owner: **NEAR CAL CORP**
2001 SATURN ST

MONTEREY PARK, CA 91755
Phone: 310 803-5583

Valuation: **1,126,615.00**
Project Floor Area: **19826**
Stories: **1**

Fire Sprinklers: **Y**
Air Conditioning: **Y**

Work Description:
Addition of 2426 sf to (E) 1-story bank bldg; T.I. alterations to (E) 17,400 sf office area; and site improvements per DRB approval #04-15. Elec/Mech/Plmb pc/permits separate.

Total Fees:	**$40,729.07**
Paid Amount:	**$40,729.07**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B04-0679

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **2001 SATURN ST**

APN: **5265025048**

Plan Check Submitted: **06/11/2004**
Plan Check Expires: **01/01/1900**
Permit Issued:
Permit Expires: **07/14/2005**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **FRANK KLYOMURA**
Phone: 213 626 8170

Architect:
Phone:
License:

Contractor: **ANGELES ELECTRIC CO**
THEROUX, MARVIN B PRES
9325 ATLANTIC AVE
SOUTH GATE, CA 90280-358
Phone: 323 564-3321
License: 276700

Owner: **NEAR CAL CORP**
2001 SATURN ST
MONTEREY PARK, CA 91755
Phone: 310 803-5583

Valuation: **0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
ELECTRICAL RELATED TO COMM ADDITION & T.I. #B04-0541.

Total Fees:	**$6,816.30**
Paid Amount:	**$6,816.30**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B04-0680

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **04**

Job Address: **2001 SATURN ST**

APN: **5265025048**

Plan Check Submitted: **06/11/2004**
Plan Check Expires: **01/01/1900**
Permit Issued:
Permit Expires: **07/14/2005**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **FRANK KLYOMURA**

Phone: 213 626 8170

Architect:

Phone:
License:

Contractor: **AIR CONDITIONING CO, INC**
AVERSANO, JOHN
6265 SAN FERNANDO RD
GLENDALE, CA 91201-221
Phone: 818 244-6571
License: 120696

Owner: **NEAR CAL CORP**
2001 SATURN ST
MONTEREY PARK, CA 91755
Phone: 310 803-5583

Valuation: **0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
MECHANICAL RELATED TO COMM ADDITION & T.I. #B04-0541.

Total Fees:	**$3,183.46**
Paid Amount:	**$3,183.46**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B04-0681

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **04**

Job Address: **2001 SATURN ST**

APN: **5265025048**

Plan Check Submitted: **06/11/2004**
Plan Check Expires: **01/01/1900**
Permit Issued:
Permit Expires: **07/21/2005**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **FRANK KLYOMURA**
Phone: 213 626 8170

Architect:
Phone:
License:

Contractor: **GEORGE KAUFFMAN PLUMBING**
5515 N PECK RD

ARCADIA, CA 91006
Phone: 626 401-0717
License: 453980

Owner: **NEAR CAL CORP**
2001 SATURN ST

MONTEREY PARK, CA 91755
Phone: 310 803-5583

Valuation: **0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
PLUMBING RELATED TO COMM ADDITION & T.I. #B04-0541.

Total Fees:	**$1,313.44**
Paid Amount:	**$1,313.44**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B04-1037

New

Inspection Hotline: **(626) 307-1229**
Inspector Area: **01**

Job Address: **2001 SATURN ST**

APN: **5265025048**

Plan Check Submitted: **08/10/2004**
Plan Check Expires: **01/01/1900**
Permit Issued:
Permit Expires: **08/10/2005**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **SR BRAY POWER PLUS**
BRAY, STEVEN R PRES
1005 N EDWARDS ST
ANAHEIM, CA 92806
Phone: 714 765-7551

Architect:
Phone:
License:

Contractor: **SR BRAY POWER PLUS**
BRAY, STEVEN R PRES
1005 N EDWARDS ST
ANAHEIM, CA 92806
Phone: 714 765-7551
License: 523596

Owner: **NEAR CAL CORP**
2001 SATURN ST
MONTEREY PARK, CA 91755
Phone: 310 803-5583

Valuation: **0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
TEMP POWER POLE. PLUS (2) SUB-PANELS

Total Fees:	**$126.00**
Paid Amount:	**$126.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B04-1637

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **2001 SATURN ST**

APN: **5265025048**

Plan Check Submitted: **12/10/2004**
Plan Check Expires: **05/31/2005**
Permit Issued:
Permit Expires: **02/07/2006**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **MDL CONSTRUCTION INC**
5339 HACIENDA CT

RANCHO CUCAMONGA, CA 91735
Phone: 909 899-6717

Architect:

Phone:
License:

Contractor: **MDL CONSTRUCTION INC.**
5339 HACIENDA COURT

RANCHO CUCAMONGA, CA
Phone: 909 899 6717
License: 748447

Owner: **NEAR CAL CORP**
2001 SATURN ST

MONTEREY PARK, CA 91755
Phone: 310 803-5583

Valuation: **732,000.00**
Project Floor Area: **18300**
Stories: **1**

Fire Sprinklers: **Y**
Air Conditioning: **Y**

Work Description:
NB OFFICE T.I.; 18,300 SF; NEW SIDEWALK ON SATURN ST FRONTAGE; 8FT (H) X 45 LF CONC BLK WALL. MEP SEPARATE. RUSH PC IN EFFECT. REVISED PLANS 03/30/05. revised plan 05/02/05 reflected ceiling plan.

Total Fees:	**$17,278.83**
Paid Amount:	**$17,278.83**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B05-0016

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **2001 SATURN ST**

APN: **5265025048**

Plan Check Submitted: **01/06/2005**
Plan Check Expires: **01/01/1900**
Permit Issued:
Permit Expires: **02/10/2006**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **ANGELES ELECTRIC CO**
9325 ATLANTIC AVE

SOUTH GATE, CA 90280
Phone: 323 564-3321

Architect:

Phone:
License:

Contractor: **ANGELES ELECTRIC CO**
THEROUX, MARVIN B PRES
9325 ATLANTIC AVE
SOUTH GATE, CA 90280-358
Phone: 323 564-3321
License: 276700

Owner: **NEAR CAL CORP**
2001 SATURN ST

MONTEREY PARK, CA 91755
Phone: 310 803-5583

Valuation: **0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
ELEC/MECH/PLMB RELATED TO BLDG T.I. B04-1637

Total Fees:	**$8,344.50**
Paid Amount:	**$8,344.50**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B05-0018

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **2001 SATURN ST**

APN: **5265025048**

Permit Issued:
Permit Expires: **02/08/2006**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **KIMOMURA & ASSOC.**
FRANK
350 S. FIGUEROA ST. #177
LOS ANGELES, CA 90071
Phone: 213 626 8170

Architect:
Phone:
License:

Contractor: **MUIR-CHASE PLUMBING CO INC**
CHASE, DON PRES
1940 GARDENA AVE
GLENDALE, CA 91204-291
Phone: 818 500-1940
License: 539835

Owner: **NEAR CAL CORP**
2001 SATURN ST
MONTEREY PARK, CA 91755
Phone: 310 803-5583

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
ELEC/MECH/PLMB RELATED TO BLDG T.I. B04-1637

Total Fees:	**$1,100.97**
Paid Amount:	**$1,100.97**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B05-0154

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **2001 SATURN ST**

APN: **5265025048**

Plan Check Submitted: **02/10/2005**
Plan Check Expires: **01/01/1900**
Permit Issued:
Permit Expires: **03/14/2006**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **ACCO ENGINEERED SYSTEMS**
6265 SAN FERNANDO RD

GLENDALE, CA 91201
Phone: 818 244-6571

Architect:

Phone:
License:

Contractor: **ACCO ENGINEERED SYSTEMS**
AVERSANO, JOHN
6265 SAN FERNANDO RD
GLENDALE, CA 91201-221
Phone: 818 244-6571
License: 120696

Owner: **NEAR CAL CORP**
2001 SATURN ST

MONTEREY PARK, CA 91755
Phone: 310 803-5583

Valuation: **0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
MECH FOR OFFICE T.I. PER B04-1637.

Total Fees:	**$3,044.73**
Paid Amount:	**$3,044.73**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B05-0300

New

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **2001 SATURN ST**

APN: **5265025048**

Plan Check Submitted: **03/18/2005**
Plan Check Expires: **08/11/2006**
Permit Issued:
Permit Expires: **06/15/2006**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **RAY CABALLES C/O**
KIYOMURA & ASSOC
350 S FIGUEROA ST
LA, CA 90071
Phone: 213 626-8170 #111

Architect:
Phone:
License:

Contractor: **MDL CONSTRUCTION INC.**
5339 HACIENDA COURT
RANCHO CUCAMONA, CA 91739
Phone: 909 899 6717
License: 748447

Owner: **NEAR CAL CORP**
2001 SATURN ST
MONTEREY PARK, CA 91755
Phone: 310 803-5583

Valuation: **136,000.00**
Project Floor Area: **2000**
Stories: **1**

Fire Sprinklers: **Y**
Air Conditioning: **N**

Work Description:
NEW STORAGE BLDG; 2000 SF. ELEC PC/PERMIT SEPARATE. NO MECH OR PLMB. Plan revised 10/31/05.

Total Fees:	**$10,774.54**
Paid Amount:	**$10,774.54**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B05-0437

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **2001 SATURN ST**

APN: **5265025048**

Plan Check Submitted: **04/14/2005**
Plan Check Expires: **11/28/2005**
Permit Issued:
Permit Expires: **05/18/2006**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **COMMERCIAL ROOFING SYSTEMS INC**
11735 GOLDRING RD

Phone: 626 359-5354

Architect:

Phone:
License:

Contractor: **COMMERCIAL ROOFING SYSTEMS INC**
11735 GOLDRING RD

Phone: 626 359-5354
License: 591222

Owner: **NEAR CAL CORP**
2001 SATURN ST

MONTEREY PARK, CA 91755
Phone: 310 803-5583

Valuation: **175,000.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
T.O. B.U.R. & REROOF W/ 350 SQS OF GARLAND "R-MER LITE" STEEL RFG SYS PER AP SPECIFICATIONS.

Total Fees:	**$4,928.68**
Paid Amount:	**$4,928.68**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B05-0610

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **2001 SATURN ST**

APN: **5265025048**

Plan Check Submitted: **05/20/2005**
Plan Check Expires: **01/01/1900**
Permit Issued:
Permit Expires: **05/20/2006**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **SR BRAY POWER PLUS**
BRAY, STEVEN R PRES
1005 N EDWARDS ST
ANAHEIM, CA 92806
Phone: 714 765-7551

Architect:
Phone:
License:

Contractor: **SR BRAY POWER PLUS**
BRAY, STEVEN R PRES
1005 N EDWARDS ST
ANAHEIM, CA 92806
Phone: 714 765-7551
License: 523596

Owner: **NEAR CAL CORP**
2001 SATURN ST

MONTEREY PARK, CA 91755
Phone: 310 803-5583

Valuation: **0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
TEMP. POWER POLE. & SUB PANEL

Total Fees:	**$81.00**
Paid Amount:	**$81.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B05-0813

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **2001 SATURN ST**

APN: **5265025048**

Plan Check Submitted: **06/22/2005**
Plan Check Expires: **01/01/1900**
Permit Issued:
Permit Expires: **06/22/2006**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **AIR CONDITIONING CO, INC**
AVERSANO, JOHN
6265 SAN FERNANDO RD
GLENDALE, CA 91201-221
Phone: 818 244-6571

Architect:
Phone:
License:

Contractor: **AIR CONDITIONING CO, INC**
AVERSANO, JOHN
6265 SAN FERNANDO RD
GLENDALE, CA 91201-221
Phone: 818 244-6571
License: 120696

Owner: **NEAR CAL CORP**
2001 SATURN ST
MONTEREY PARK, CA 91755
Phone: 310 803-5583

Valuation: **0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
MECH RELATED TO #B05-0300

Total Fees:	**$213.64**
Paid Amount:	**$213.64**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B05-1497

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **2001 SATURN ST**

APN: **5265025048**

Plan Check Submitted: **10/12/2005**
Plan Check Expires: **01/01/1900**
Permit Issued:
Permit Expires: **10/26/2006**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **ANGELES ELECTRIC CO**
THEROUX, MARVIN B PRES
9325 ATLANTIC AVE
SOUTH GATE, CA 90280-358
Phone: 323 564-3321

Architect:
Phone:
License:

Contractor: **ANGELES ELECTRIC CO**
THEROUX, MARVIN B PRES
9325 ATLANTIC AVE
SOUTH GATE, CA 90280-358
Phone: 323 564-3321
License: 276700

Owner: **NEAR CAL CORP**
2001 SATURN ST

MONTEREY PARK, CA 91755
Phone: 310 803-5583

Valuation: **0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
Electrical TI alterations for new UPS system.

Total Fees:	**$467.32**
Paid Amount:	**$467.32**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B05-1648

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **01**

Job Address: **2001 SATURN ST**

APN: **5265025048**

Plan Check Submitted: **11/01/2005**
Plan Check Expires: **01/01/1900**
Permit Issued:
Permit Expires: **11/10/2006**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **ACCO ENG SYSTEM**
LOU RODRIGUEZ

Phone: 818 244 65 71 EXT 2363

Architect:

Phone:
License:

Contractor: **AIR CONDITIONING CO, INC**
AVERSANO, JOHN
6265 SAN FERNANDO RD
GLENDALE, CA 91201-221
Phone: 818 244-6571
License: 120696

Owner: **NEAR CAL CORP**
2001 SATURN ST

MONTEREY PARK, CA 91755
Phone: 310 803-5583

Valuation: **0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
MECH T.I. FOR 1ST FLOOR.

Total Fees:	**$472.75**
Paid Amount:	**$472.75**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B06-0978

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area:

Job Address: **2001 SATURN ST**

APN: **5265025048**

Plan Check Submitted: **07/26/2006**
Plan Check Expires: **07/23/2007**
Permit Issued:
Permit Expires: **09/13/2007**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **RUSSARCH (CHI S. LAM P.M)**
2393 S.BATEMAN AVE.

IRWINDALE, CA 91010
Phone: 626 357 7595

Architect:

Phone:
License:

Contractor: **PACIFIC NATIONAL GROUP**

2392 S BATEMAN
IRWINDALE, CA 91010
Phone: 626 357-4400
License: 188629

Owner: **UNION BANK OF CALIFORNIA**
445 S.FIGUEROA ST.

LOS ANGELES, CA 90071
Phone: 213 236 4161

Valuation: **11,920.00**
Project Floor Area: **298**
Stories: **0**

Fire Sprinklers: **N**
Air Conditioning: **N**

Work Description:
CONSTRUCT NEW NON-BEARING WALL @ (E) OFFICE.

Total Fees:	**$649.33**
Paid Amount:	**$649.33**
Balance:	**$0.00**

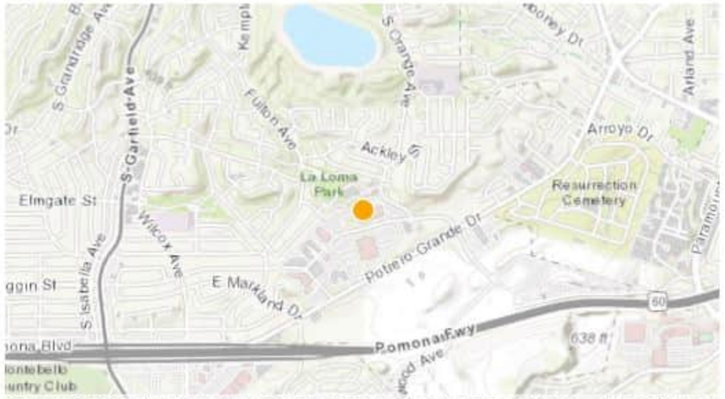
Select Search Type

Facility ID

SEARCH

BANK OF THE WEST

Close



Address: 1977 SATURN ST, MONTEREY PARK, CA 91754

Facility ID: 63620

Status: Active

Back Fees Due: Yes. Please contact your AQMD Customer Service Rep. at (909) 396-2900, or call toll-free (866) 888-8838.

SIC Code
6021 NATIONAL COMMERCIAL BANKS

Equipment List

Compliance

Notices of Violation

NONE

Notices to Comply

1 Results

Sort: Violation Date

D 16450
Violation Date:07/24/2008
Re-Inspection Date: 08/22/2008
Status: In Compliance

Export all records to Excel

Emissions



SITES CURRENTLY VISIBLE ON MAP

0 SITES LISTED

EXPORT THIS LIST TO EXCEL

PROJECT NAME	STATUS	PROJECT TYPE	ADDRESS	CITY

INSPECTION REPORT

Los Angeles County Fire Department - Health Hazardous Materials Division
Certified Unified Program Agency - Participating Agency
Central District Office
5825 Rickenbacker Road, Commerce, CA 90040
Tel: (323) 890-4107 / Fax: (323) 724-5976
www.fire.lacounty.gov/hhmd

Business: BANK OF THE WEST			**Inspection Date:** 07/01/2015
Address: 1977 SATURN ST		**City/State:** MONTEREY PARK, CA 91755	**Telephone:** (818) 334-2241
Owner: BANK OF THE WEST		**Email:** katrina_jones@equityoffice.com	
FA #: FA0024090	**PR:** PR0047783	**Program Element:** HW GEN, 3-5 EMPLOYEES	**Inspection Type:** ROUTINE INSPECTION
CERS ID #: 10268983		**STATE EPA ID #:** **FEDERAL EPA ID #:**	

☒ - No violations observed at the time of inspection.

OUT = Out of Compliance COS = Corrected on Site RPT = Repeat Violation

OVERALL INSPECTION COMMENTS

Consent Given By:
Jack Caffey (Security Officer)
Observed no significant violation on site. Bank of The West has moved out from this location since 06/30/2015.

Attention: Your facility may be subject to reinspection at any time to verify compliance. Failure to comply with the violations cited may result in reinspection fees, permit revocation, and/or administrative/civil/criminal penalties. Any time granted for correction of the violation(s) does not preclude any enforcement action by this Department or other agencies.

It is improper and illegal for any County officer, employee or inspector to solicit bribes, gifts, or gratuities in connection with performing their official duties. Improper solicitations include requests for anything of value such as cash, discounts, free services, paid travel or entertainment, or tangible items such as food or beverages. Any attempt by a County employee to solicit bribes, gifts or gratuities for any reason should be reported immediately to either the County manager responsible for supervising the employee or the Fraud hotline at (800) 544-6861 or www.lacountyfraud.org. YOU MAY REMAIN ANONYMOUS.

Signatures

[redacted]
A
Hazardous Materials Specialist II

PREVIOUS INSPECTIONS

Activity Date	PE	Rercord ID	Serial No.	Group Code	Service	Result	Action	Activity Min	Travel Min	Inspector ID

VIOLATIONS LIST

Open	Activity Date	Program Element	Viol Status	Service	Result	Action	Violation Degree	Comply on Date	Description

LOG SHEET

07/01/2015, A.N. I conducted routine HM & HW inspections. Observed building is vacant and moved out from this location. Confirmed with Jack Caffey, Security Officer on site and Stan Olson, Sr. Vice President, Bank of the West that all items have been removed from building. Inactivated both HM & HW program element as of 06/30/2015.

INSPECTOR FIELD NOTES

07/01/2015

Bank of the West
1977 Saturn St., Monterey Park, CA 91755 FA0024090

I. Consent: Jack Caffey (Security Officer)

Nature of Business: Business closed.

II. Walk Through:

The front door was locked, window was closed. Met security officer, Jack Caffey at the rear of the building. He stated that the entire building is completely vacant and closed. Bank of the West has moved to 13300 Crossroad Parkway, City of Industry. Observed no hazardous waste left at the building premises. Confirmed with Stan Olson, Sr. Vice President of Bank of the West that Bank of the West all items have been moved out from this location by 06/30/2015. Inactivated both HM & HW program elements.

III. Documents: N/A

IV. Closing Conference: N/A

V. Violations: N/A

Consent Given by: Jack Caffey
Inspector: Alexander Ng Employee ID: 152
1st Date of Inspection: 07/01/2015

INSPECTION REPORT

Los Angeles County Fire Department - Health Hazardous Materials Division
Certified Unified Program Agency - Participating Agency
Central District Office
5825 Rickenbacker Road, Commerce, CA 90040
Tel: (323) 890-4107 / Fax: (323) 724-5976
www.fire.lacounty.gov/hhmd

Business: BANK OF THE WEST			**Inspection Date:** 07/01/2015
Address: 1977 SATURN ST	**City/State:** MONTEREY PARK, CA 91755		**Telephone:** (818) 334-2241
Owner: BANK OF THE WEST		**Email:** katrina_jones@equityoffice.com	
FA #: FA0024090	**PR:** PR0006841	**Program Element:** HM HANDLER, FEE GROUP 02	**Inspection Type:** ROUTINE INSPECTION
CERS ID #: 10268983			

☒ - No violations observed at the time of inspection.

OUT = Out of Compliance COS = Corrected on Site RPT = Repeat Violation

OVERALL INSPECTION COMMENTS

Consent Given By:
Jack Caffey (Security Officer)
Observed no significant violation on site. Bank of The West has moved out from this location since 06/30/2015.

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Signatures

[redacted]
Alexander Ng
Hazardous Materials Specialist II

PREVIOUS INSPECTIONS

Activity Date	PE	Rercord ID	Serial No.	Group Code	Service	Result	Action	Activity Min	Travel Min	Inspector ID

VIOLATIONS LIST

Open	Activity Date	Program Element	Viol Status	Service	Result	Action	Violation Degree	Comply on Date	Description

LOG SHEET

07/01/2015, A.N. I conducted routine HM & HW inspections. Observed building is vacant and moved out from this location. Confirmed with Jack Caffey, Security Officer on site and Stan Olson, Sr. Vice President, Bank of the West that all items have been removed from building. Inactivated both HM & HW program element as of 06/30/2015.

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III. Documents: N/A

IV. Closing Conference: N/A

V. Violations: N/A

Consent Given by: Jack Caffey
Inspector: Alexander Ng Employee ID: 152
1st Date of Inspection: 07/01/2015

COUNTY OF LOS ANGELES
Public Health

BARBARA FERRER, Ph.D., M.P.H., M.Ed.
Director

MUNTU DAVIS, M.D., M.P.H.
County Health Officer

ANISH P. MAHAJAN, M.D., M.S., M.P.H.
Chief Deputy Director

ROBERT E. RAGLAND, J.D.
Chief Compliance Officer

313 North Figueroa Street, Suite 807
Los Angeles, CA 90012
TEL (213) 288-8117 • FAX (213) 975-1273

www.publichealth.lacounty.gov

BOARD OF SUPERVISORS

Hilda L. Solis
First District
Holly J. Mitchell
Second District
Lindsey P. Horvath
Third District
Janice Hahn
Fourth District
Kathryn Barger
Fifth District

Adrian Gutierrez
2154 Torrance Boulevard
Torrance, California 90501
agutierrez@partneresi.com

April 09, 2024

Dear: Adrian Gutierrez,

SUBJECT: 1977 Saturn St. Monterey Park, CA 91755

I, the undersigned, being the Custodian of Records, certify that a thorough search of our files, carried out under my direction and control, revealed no records as named in your request for records.

It is to be understood that this does not mean that records do not exist under another spelling, another name, or under another classification, but that with the information furnished to our office, and to the best of our knowledge, no such records exist in our files. Also, note that the DPH reserves the right to assert all applicable privileges/doctrines and exemptions.

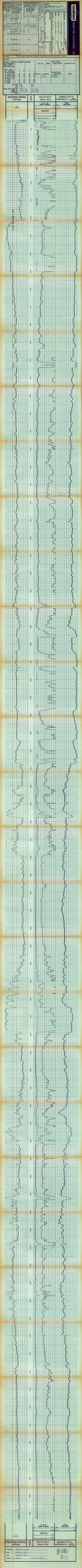
If you have any questions, please contact me at (213) 288-7195.

Sincerely,

Tyease Davis

Tyease Davis, Deputy Health Officer
Public Health Investigation

COR ID No. 241561



FORM 159

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT OF WELL ABANDONMENT

Inglewood, California

August 9, 1967

Mr. H. Tom Smith
209 Fair Oaks Avenue, Suite 407
South Pasadena, California
Agent for BRADFORD BISHOP, OPERATOR

DEAR SIR:

Your report of abandonment of Well No. (037-20192) "Monterey Park" 1,
Sec. 35, T. 1 S., R. 12 W., S. B. B. & M., - - - field,
Los Angeles County, dated August 2, 1967, received August 3, 1967,
has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

VFG:es
cc - Mr. E. R. Murray-Aaron
Mr. Dave Adkinson
Production Dept.
Conservation Comm.
Mr. E. S. Doe
Fire Prevention Bureau

Bond No. 1410890
Dated 6-22-67

E. R. MURRAY-AARON
State Oil and Gas Supervisor

By _____
Deputy Supervisor

30948-708 5-67 10M ③ OSP

WORK PERFORMED:

Drill ✓ Redrill ____ Deepen ____

Plug ____ Alter casing ____

Water flood ____ Water disposal ____

Abandon ✓

Other ____

STATUS: (Date)

Producing ____

Recomp. prod. ____

Water flood ____

Water disposal ____

Abandoned 7-22-67

Other ____

MAP AND BOOK 103 RJ 8-10

RECORDS FILED & DATE: Clerk MT

✓ Summary (dup.) 8/3/67

✓ Log & Core (dup.) 8/3/67

✓ History (dup.) 8/3/67 8/8/67

✓ E-log GL 1970' 8/3/67

Radio log ____

D. Survey ____

Other ____

(Check records for signature and correct name of operator or well, S.T.R. and field.)

Location OK Notice states ____

Elevation OK Notice states ____

Production Reports ____

(If production reports not received, make notation and inform Sr. Steno. when rec'd.)

If stimulation or disposal well:
Form 121 ____ Folder ____

RECORDS & REQUIREMENTS CHECKED: Eng. WB

✓

✓

✓

✓

Surface inspection O.K.

Data needed None Clerk:

Request records ____ F 170 ____

Correct records ____ F 165 ____
(Specify) 165A ____

CARDS ____

BOND: No 1W10890 dated 6-22-67

Hold ____ Reason ____

Release ✓ Date elig. 8-8-67 F 150b ab

End premium year ____
Release requested ____ (Check)
Bond superseded ____ (one)
Well abandoned ✓

FINAL LETTER ✓ F 159 ltr

and

FILE CLEARED ✓ F 121 ab

Form 19-A

Form 109
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

WELL SUMMARY REPORT

Operator BRADFORD BISHOP, Operator Field ---- LA County

Well No. "Monterey Park" 1 Sec. 35, T. 1 S, R. 12 W, S.B. B. & M.

Location 2150' N along W ln. of Sec.35 and 435' at right angles to sd. ln. from SW corner of Sec.35, T1S R12W, SBB&M.

Elevation of ground above sea level 343 feet.

All depth measurements taken from top of KB, which is 12 feet above ground.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date August 2, 1967 Signed Bradford Bishop

Dean Shepard, Engr. (Engineer or Geologist) ---- (Superintendent) Title Operator (President, Secretary or Agent)

Commenced drilling June 29, 1967 Completed drilling July 20, 1967 Drilling tools ~~Cable~~ Rotary

Total depth 7920 ft. Plugged depth 3550 ft.

Junk None

GEOLOGICAL MARKERS	DEPTH

Commenced producing Never produced (date) Flowing/gas lift/pumping (cross out unnecessary words)

	Clean Oil bbl. per day	Gravity Clean Oil	Per Cent Water including emulsion	Gas Mcf. per day	Tubing Pressure	Casing Pressure
Initial production						
Production after 30 days						

CASING RECORD (Present Hole)

Size of Casing (A. P. I.)	Depth of Shoe	Top of Casing	Weight of Casing	New or Second Hand	Seamless or Lapweld	Grade of Casing	Size of Hole Drilled	Number of Sacks of Cement	Depth of Cementing if through perforations
9-5/8"	610'	--	32.30#	New	Seamless	H-40	13-3/4"	338	

PERFORATIONS

Size of Casing	From	To	Size of Perforations	Number of Rows	Distance Between Centers	Method of Perforations
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				

DIVISION OF OIL AND GAS
RECEIVED
AUG 5 1967
INGLEWOOD, CALIFORNIA

Electrical Log Depths I-E Log enclosed (Attach Copy of Log)

FORM 103

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
AUG 8 1967
INGLEWOOD, CALIFORNIA

History of Oil or Gas Well

OPERATOR BRADFORD BISHOP, Operator (Los Angeles County) FIELD ----

Well No. "Monterey Park" 1, Sec. 35, T. 1 S, R. 12 W, S.B. B. & M.

Date August 2, 1967 Signed Bradford Bishop

209 Fair Oaks Ave., Suite 407
So. Pasadena, Calif. 91030 682-3674 Title Operator

(Address) (Telephone Number) (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

Date	
6/29/67	Spudded at 7:00 P.M. - Santa Fe Drilling, Contractors Drilled 600' Preparing to run IES Log
6/30/67	Ran IES Log - Opened 10-5/8" hole to 13-3/4" to 610' Ran 16 joints of 9-5/8" 32.20#, H-40, new, seamless casing- Shoe at 610' Rigging up and running 9-5/8" casing.
7/1/67	Placed 50 cu.ft. of water ahead of cement. Cemented with 208 sacks of Class G cement, treated with 4% gel and followed with 130 sacks of Class G cement, treated with 2% $CaCl_2$, displaced with 260 cu.ft. of mud. Bumped plug - valve held Good cement returns - landed casing - tested flange weld to 2500 psi. Installing BOPE.
7/2/67	Drilling - Installed BOPE - Tested pipe and BOPE to 1200 psi- Drilled out shoe with 8-3/4" bit.
7/3/67 thru 7/5/67	Drilling
7/6/67	Drilling - Make up Dyna drill - Orient Dyna drill.
7/7/67	Drilling - Ran Dyna drill at 3728' with sealed bearing bit.
7/8/67 thru 7/19/67	Drilling
7/20/67	Drilling - Ran IES Log and Dipmeter to T.D.
7/21/67 thru 7/22/67	Plug #1 - Hung pipe at 3550'. Displaced 50 sacks of Class G cement treated with 2% $CaCl_2$ with 255 cu.ft. of mud. Placed 40 cu.ft. of H_2O ahead. Found top of plug at 3480'. Plug #2 - Hung pipe at 1,000'. Displaced 75 sacks of Class G cement treated with 3% $CaCl_2$ with 55 cu.ft. of mud. Placed 40 cu.ft. of H_2O ahead. Found top of cement at 800'. Plub #3 - Hung pipe at 638'. Displaced 60 sacks of Class G cement treated with 3% $CaCl_2$. Found top at 520'. Removed BOPE - Placed to 25' plug. Welded steel plate on top.

FORM 101
49128 5-61 10M ⓓ 8PO

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

LOG AND CORE RECORD OF OIL OR GAS WELL

Operator BRADFORD BISHOP Field ----

Well No. "Monterey Park" 1 Sec. 35, T. 1 S, R. 12 W, S.B. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO Top of Formation	DEPTH TO Bottom of Formation	Thickness	Drilled or Cored	Recovery	DESCRIPTION
0 ft.	196 ft.	196 ft.	drilled		Sand-gravel
196	610	414	"		Sand-gravel
610	645	35	"		Sand
645	3346	2701	"		Sand-shale
3346	4024	678	"		Sand
4024	5172	1148	"		Sand-shale
5172	5304	132	"		Sand
5304	5680	376	"		Sand-clay
5680	6123	443	"		Sand-shale
6123	6298	175	"		Sand-clay
6298	6578	280	"		Sand-shale
6578	6645	67	"		Shale
6645	7029	384	"		Sand-shale
7029	7194	165	"		Sand
7194	7856	662	"		Sand-shale
7856	7920	64	"		Siltstone

DIVISION OF OIL AND GAS
RECEIVED
AUG 3 1967
INGLEWOOD, CALIFORNIA

FORM 109-D

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 167-663

Mr. Bradford Bishop
209 Fair Oaks Ave., Suite 407
South Pasadena, California 91030

Inglewood, Calif.
July 26, 1967

Agent for BRADFORD BISHOP, OPERATOR

DEAR SIR:

(037-20192)
Operations at well No. "Monterey Park" 1 Sec. 35, T. 1 S, R. 12 W, S.B. B & M.
Field, in Los Angeles County, were witnessed
on July 21, 1967, Mr. L. Axtell, Engineer, representative of the supervisor was present
from 4:30 p.m. to 5:15 p.m. There were also present D. Shepard, Drilling Foreman

Present condition of well: 16" cem. 50'; 9-5/8" cem. 610'. TD 7920', plugged w/cem. 3550'-3480' & 640'-520'.
1000'-800' - See history

The operations were performed for the purpose of witnessing the plugging operations in the process of abandonment.

Mr. ---------- reported:

MR. R. ROTHERMEL, ENGINEER, WAS PRESENT AT THE WELL FROM 5:45 A.M. TO 6:45 A.M. ON JULY 21, 1967 AND MR. SHEPARD REPORTED:

1. An 8-3/4" hole was drilled from 610' to 7920'.
2. On July 21, 1967, 50 sacks of cement was pumped into the hole through 4-1/2" drill pipe hanging at 3550'.

THE ENGINEER NOTED THAT the cement plug at the reported depth of 3480' supported 1/2 of the weight of the drill pipe.

MR. L. AXTELL, ENGINEER, WAS PRESENT AT THE WELL FROM 4:30 P.M. TO 5:15 P.M. ON JULY 21, 1967 AND MR. SHEPARD REPORTED THAT on July 21, 1967, 60 sacks of cement was pumped into the hole through 4-1/2" drill pipe hanging at 640'.
THE ENGINEER NOTED THAT the cement plug at the reported depth of 520' supported 1/4 of the weight of the drill pipe.

THE PLUGGING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

LA:nw

cc Company
Prod. Dept.

E. R. MURRAY-AARON
State Oil and Gas Supervisor

By [signature] Deputy

9/27

80947-705 3-67 12M ⓒ OSP

FORM 111

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS No. P 167-837

Mr. H. Tom Smith
209 Fair Oaks Ave, Suite 407
South Pasadena, California
Agent for BRADFORD BISHOP, OPERATOR

Inglewood, Calif.
August 2, 1967

DEAR SIR:

Your proposal to abandon (037-20192) Well No. "Monterey Park" 1, Section 35, T. 1 S., R. 12 W., S.B. B. & M., ---------- Field, Los Angeles County, dated July 20, 1967, received July 31, 1967, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES
"THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 7920
2. Complete casing record, including plugs:
   50" of 16" conductor pipe cemented to surface
   610' of 9-5/8" casing cemented to surface
3. Last Produced never produced

ADDITIONAL DATA FOR DRY HOLE

4. Oil or Gas showings and results of tests: None
5. Stratigraphic markers and depths: None
6. Formation at bottom: Repetto
7. Base of fresh water sands: 3550 ft."

PROPOSAL
"THE PROPOSED WORK IS
Place cement plug at 3550'-3480'
Place cement plug at 640'-520'
Place 25' cement plug at top of surface casing"

DECISION
THE PROPOSAL, COVERING WORK ALREADY COMPLETED IN ACCORDANCE WITH PRIOR AGREEMENT, IS APPROVED.

VPG:mw

cc Dave Adkinson

Bond No. 1410890
Dated 6-22-67

7/26/67
Rec'd Rotheroed
Surface Insp. No evidence oil, gas or water pertage. Surface not graded
over.

E. R. MURRAY-AARON, State Oil and Gas Supervisor

By ---------- Deputy

79847-708 7-66 80M ① △ OSP

FORM 108. 94189 6-63 10M ⓒ SPO

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JUL 31 1967
INGLEWOOD, CALIFORNIA

Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin; one copy only

South Pasadena, Calif. July 20, 1967

DIVISION OF OIL AND GAS

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon

Well No. "Monterey Park" 1 (037-20142), Sec. 35, T. 1S,

R. 12 W., S.B.B. & M., ------- Field, Los Angeles County,

commencing work on July 21, 1967.

THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 7920

2. Complete casing record, including plugs:
50' of 16" conductor pipe cemented to surface
610' of 9-5/8" casing cemented to surface

3. Last Produced never produced
(Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

ADDITIONAL DATA FOR DRY HOLE

4. Oil or Gas showings and results of tests:
None

5. Stratigraphic markers and depths:
None

6. Formation at bottom: Repetto

7. Base of fresh water sands: 3550 ft.

THE PROPOSED WORK IS

Place cement plug at 3550'-3480'
Place cement plug at 640'-520'
Place 25' cement plug at top of surface casing

MAP	MAP BOOK	CARDS	BOND	FORMS 114	FORMS 121
		ab	#1410890 6-22-67	ab	ab

209 Fair Oaks Ave., Suite 407
South Pasadena, Calif. 91030
(Address)

682-3674
(Telephone No.)

BRADFORD BISHOP, OPERATOR
(Name of Operator)

By Bradford Bishop

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 109-D

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 167-591

Mr. Bradford Bishop
209 Fair Oaks Ave., Suite 407
South Pasadena, California 91030

Inglewood, Calif.
July 7, 1967

~~Agent~~ for BRADFORD BISHOP, OPERATOR

DEAR SIR: (037-20192)

Operations at well No. "Monterey Park" 1, Sec. 35, T. 1 S, R. 12 W, S.B. B & M.
---------- Field, in Los Angeles County, were witnessed on July 3, 1967. Mr. L. Axtell, Engineer, representative of the supervisor was present from 2:30 p.m. to 3:00 p.m. There were also present V. Stinnett, Drilling Foreman

Present condition of well: 16" cem. 50'; 9-5/8" cem. 610', TD 2610'± Drilling

The operations were performed for the purpose of inspecting the blowout prevention equipment and installation.

Mr. ---------- reported:

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

LA:mw

cc Company

E. R. MURRAY-AARON
State Oil and Gas Supervisor

By [signature] Deputy

HG/NW

90847-708 3-67 15M ⓤ OSP

Form 109-D (BOPE Memo)

B. O. P. E. MEMO No. T_____

Company BRADFORD BISHOP, OPERATOR Date 7/5 19 67

Operations at well No. "MONTEREY PARK" 1 (037-20192) Sec. 35 T. 1S R. 12W SB B&M.
— Field L.A. County, were witnessed

on 7/3/67. Mr. L. AXTELL, representative of the supervisor was present from 2:30 PM to 3:00 PM. There was also present V. STINNETT, DF

Present condition of well: 16" CEM 50'; 9 5/8" CEM 610', TD 2610'± DRLG

Operations were performed for purpose of inspecting BOP equipment and installation.

Mr. STINNETT reported:

1. On JULY 1 1967, 9 5/8", 32 lb. casing was cemented in a 13 3/4" hole at 610' with 338 sacks/~~cu.ft.~~ of cement.
2. Cement returned/~~did not return~~ to the surface.
__. An additional _____ sacks/cu.ft. of cement was placed around the _____" casing from the surface.
3. The BLIND RAMS, the PIPE RAMS, and the BAG were each tested with a closed-in pressure of 1200 psi for 15 minutes, _____ psi for ___ minutes, and _____ psi for ___ minutes, respectively.
4. A 8 3/4" hole was being drilled ahead at 2610±'.

THE ENGINEER NOTED that the well was equipped with the following BOP equipment:

1. A SHAFFER manually and hydraulically operated double control gate for closing in the well with the drill pipe/~~tubing~~ out of the hole, and for closing around the 4 1/2" drill pipe/~~tubing~~.
2. A HYDRIL blow-out preventer for closing in the well with the drill pipe/~~tubing~~ out of the hole, and for closing around the 4 1/2" drill pipe/~~tubing~~.
__. A _____ manually and hydraulically operated control gate for closing in the well with the drill pipe/tubing out of the hole.
__. A _____ manually and hydraulically operated control gate for closing around the _____" drill pipe/tubing.
__. A _____ blow-out preventer for closing around the _____" drill pipe/tubing.
3. The controls for the above equipment were located outside the derrick and on the derrick floor.
4. A 2" mud fill-up line with a 2" high-pressure stopcock into the 9 5/8" casing below the above equipment.
5. A high-pressure STOPCOCK on the kelly/~~goose-neck~~/~~stand-pipe~~.

__. Remarks _____

THE BLOW-OUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

FORM 111

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS No. P 167-709

Mr. Bradford Bishop
209 Fair Oaks Ave., Suite 407
South Pasadena, California 91030

Inglewood, Calif.
July 5, 1967

Agent for BRADFORD BISHOP, OPERATOR

DEAR SIR:

Your proposal to drill Well No. "Monterey Park" 1 (037-20192),
Section 35, T. 1 S, R. 12 W, S.B. B. & M., -------- Field, Los Angeles County,
dated June 27, 1967, received June 28, 1967, has been examined in conjunction with records filed in this office.
Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES
"Legal description of mineral-right lease, consisting of 100 acres, is as follows:
Portions of Sections 34 and 35, T1S, R12W, as shown on Plat attached hereto
Do mineral and surface leases coincide? Yes X No
Location of Well: 2150 feet North along west line of Sec. 35, 435 feet at right angles to said line from the southwest corner of section 35, T1S, T12W.
Elevation of ground above sea level 343 feet datum.
All depth measurements taken from top of KB which is 12 feet above ground."

PROPOSAL
"PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade and Type	Top	Bottom	Cementing Depths
9-5/8	32.30	H-40	0	600	600 to surface
	15.50	J-55			
5-1/2	17.00	J-55	0	8000	-

Intended zone of completion: Miocene Estimated total depth 8000 ft.
It is understood that if changes in this plan become necessary we are to notify you immediately."

DECISION
THE PROPOSAL IS APPROVED PROVIDED:

1. Fluid consistent with good drilling practice shall be used, and the column of fluid maintained at all times to the surface, particularly while pulling the drill pipe.
2. Adequate blowout prevention equipment shall be installed and maintained in operating condition at all times.
3. THIS DIVISION SHALL BE NOTIFIED:
   a. To inspect the installed blowout prevention equipment before drilling below 1500'.
   b. To witness a test of the effectiveness of the 5-1/2" water shut-off above any zone to be produced.

VFG:mw

cc Company

Bond No. 1410890
Dated 6-22-67

E. R. MURRAY-AARON, State Oil and Gas Supervisor

By ----------, Deputy

FORM 105

STATE OF CALIFORNIA
THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS RECEIVED
JUN 28 1967
INGLEWOOD, CALIFORNIA

DIVISION OF OIL AND GAS

Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

037-20192

E

South Pasadena, Calif. June 27, 1967

DIVISION OF OIL AND GAS "Monterey Park" |

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence drilling well No. "Monterey Park" 10 (037-20192), Sec. 35, T. 1 S, R. 12 W, S.B. B. & M., (North) (Montebello) Field, Los Angeles County.

Legal description of mineral-right lease, consisting of 100 acres, is as follows: Portions of Sections 34 and 35, T1S, R12W, as shown on Plat attached hereto (Attach map or plat to scale)

Do mineral and surface leases coincide? Yes X No ____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 2150 feet North (Direction) along ~~property~~ line and 435 (E) feet West (Direction) line of Sec. 35,

at right angles to said line from the southwest ~~property~~ corner of section 35, T1S, T12W.

Elevation of ground above sea level 343 feet ____ datum.

All depth measurements taken from top of KB (Derrick Floor, Rotary Table or Kelly Bushing) which is 12 feet above ground.

PROPOSED CASING PROGRAM

SIZE OF CASING INCHES A.P.I.	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS
9-5/8	32.30	H-40	0	600	600 to surface
5-1/2	15.50 ~~17.00~~	J-55 ~~J-55~~	0	8000	-

Intended zone(s) of completion: Miocene (Name) Estimated total depth 8000 ft. (Depth, top and bottom)

Bond cashed

MAP	MAP BOOK	CARDS	BOND	FORMS 114	FORMS 121
103 WI-3 RJ	6-29	ab	#1410890 6-22-67	ab	ab

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 209 Fair Oaks Ave., Suite 407
South Pasadena, Calif. 91030

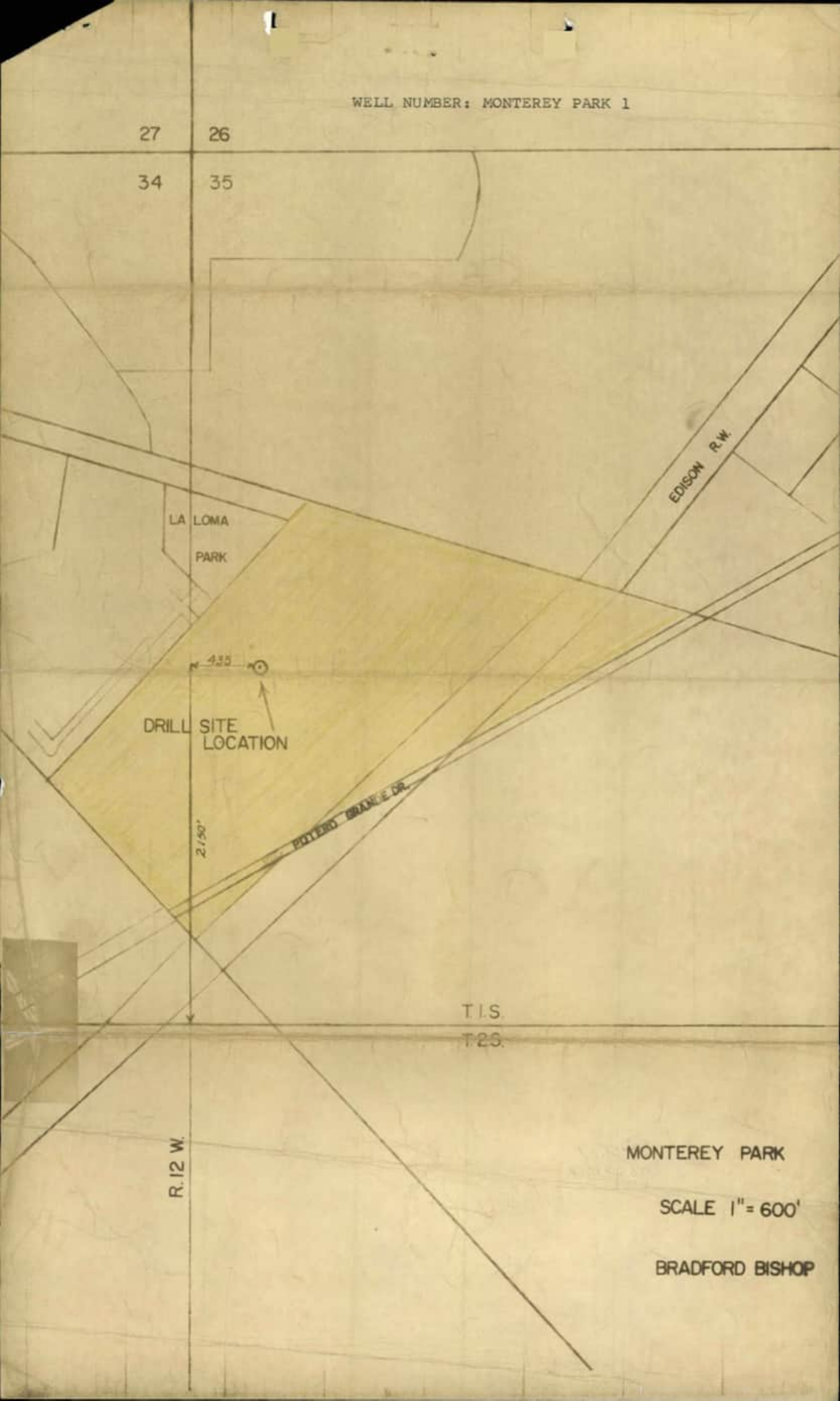
BRADFORD BISHOP, OPERATOR
(Name of Operator)

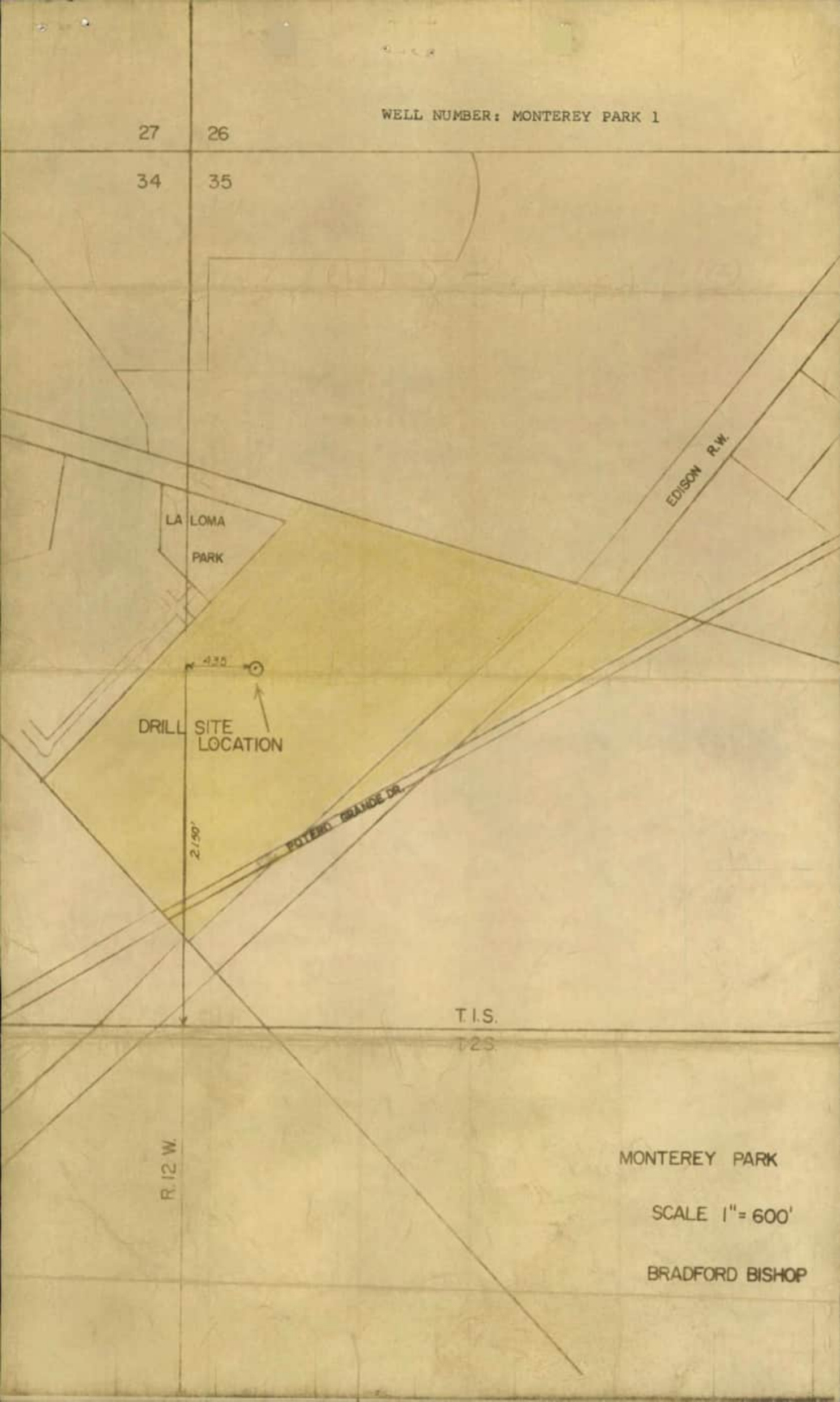
By Bradford Bishop

Telephone Number 682-3674

Type of Organization Individual
(Corporation, Partnership, Individual, etc.)

55224 12-61 30M △ 6PD


WELL NUMBER: MONTEREY PARK 1
27
26
34
35
EDISON R.W.
LA LOMA
PARK
435'
DRILL SITE
LOCATION
POTRERO GRANDE DR.
2150'
T.1.S.
T.2S.
R.12 W.
MONTEREY PARK
SCALE 1" = 600'
BRADFORD BISHOP


WELL NUMBER: MONTEREY PARK 1
27
26
34
35
EDISON R.W.
LA LOMA
PARK
430
DRILL SITE
LOCATION
2150'
POTRERO GRANDE DR.
T.1.S.
T.2S.
R.12 W.
MONTEREY PARK
SCALE 1"= 600'
BRADFORD BISHOP

Summary

AIN: 5265-026-054 9

Situs Address:
1977 SATURN ST
MONTEREY PARK CA 91755-7418

Use Type: Commercial
Parcel Type: Regular Fee Parcel
Tax Rate Area: 06383

Parcel Status: ACTIVE
Create Date:
Delete Date:
Tax Status: CURRENT
Year Defaulted:
Exemption: None

Building (0101) & Land Overview

Use Code:	1702	**# of Units:**	0	**Year Built:**	1979
Design Type:	1700	**Beds/Baths:**	0/0	**Effective Year:**	1980
Quality Class:	AX	**Building SqFt:**	203,491	**Land SqFt:**	



(https://maps.assessor.lacounty.gov/GeoCortex/Essentials/P
val=5265-026)
Parcel Map
(https://maps.assessor.lacounty.gov/GeoCortex/Essentials/PAIS/F
val=5265-026) / Map Index
(https://maps.assessor.lacounty.gov/GeoCortex/Essentials/PAIS/F
val=5265-NDX)

	2024 Roll Preparation		2023 Current Roll	RC	Year		2018 Base Value
$	17,848,303	$	17,498,337	T	2018	$	16,000,000
$	25,656,937	$	25,153,860	T	2018	$	23,000,000
$	43,505,240	$	42,652,197			$	39,000,000

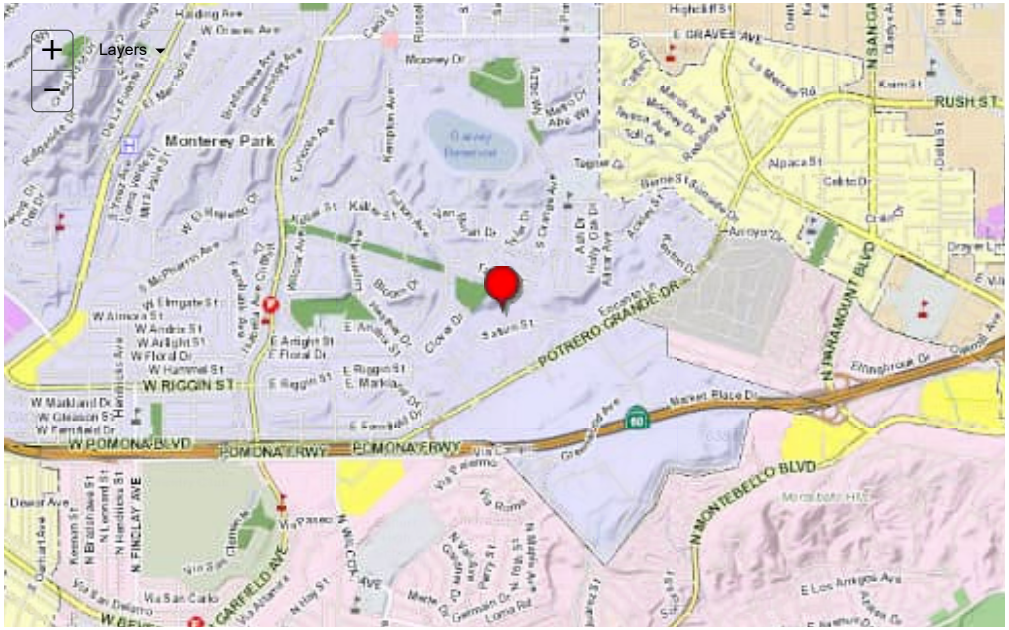
Assessor's Responsible Division

District:	Hall of Administration
Region:	23
Cluster:	23675 ALHAMBRA

Hall of Administration (https://maps.google.com/?q=500+W.+Temple+St.+Room+180+Los+Angeles%2C+CA+90012-2770)
500 W. Temple St. Room 180
Los Angeles, CA 90012-2770

Phone: (213) 974-3108
Toll Free: 1 (888) 807-2111
M-F 7:30 am to 5:00 pm


11/12/2021
1 of 91
Select Date
N
© 2021 Eagleview



Building and Land Characteristics

Land Information

Use Code = 1702 (Commercial)

Total SqFt (GIS):	0	**Sewers:**	**Corner Lot:**	**Zoning:**	(Refer Issuing Agency)
Total SqFt (PDB):		**Flight Path:**	**Golf Front:**	**Code Split:**	
Usable SqFt:	0	**X-Traffic:**	**Horse Lot:**	**Impairment:**	None

Acres: **Freeway:** **View:**
Land W' x D': 0 x 0

Situs Address:
1977 SATURN ST MONTEREY PARK CA 91755-7418

Legal Description *(for assessment purposes)*:
*(EX OF ST) LOT 5*TR=PARCEL MAP AS PER BK 80 P 45-46 OF P M AND (EX OF ST) LOTS 1 THRU 3 AND 16 TRACT NO 33910

Use Code: 1702 (Commercial)
1 = Commercial
7 = Office Building
0 = Unused or Unknown Code (No Meaning)
2 = Two Stories

Building Information

SUBPART:	***0101***	**# of Units:**	0	**Year Built:**	1979	**RCN Other:**	$ 0
Design Type:	1700	**Beds/Baths:**	0/0	**Effective Year:**	1980	**RCN Other Trended:**	$ 0
Quality Class:	AX	**Building SqFt:**	203,491	**Depreciation:**	/ / 0	**Year Change:**	1981

Design Type: 1700
1 = Commercial
7 = Office Building
0 = Unused or Unknown Code (No Meaning)
0 = Unused or Unknown Code (No Meaning)

SUMMARY:	***Total***	**# of Units:**	0
		Beds/Baths:	0/0
		Building SqFt:	203,491
		Avg SqFt/Unit:	

Events History

Ownership () Parcel Change ()

Show Re-Assessable Only: ☐

Recording Date	Seq. #	Re-Assessed	# Parcels	%	Ver. Code	DTT Sale Price	Assessed Value
05/15/2018	50	Yes	1	00%-0	K	$ 9	$ 39,000,000
07/20/2015	50	Yes	1	00%-0	K	$ 25,288,252	$ 37,600,000
06/29/2007	50	Yes	1	00%-0	1	$ 54,070,540	$ 54,070,000
07/02/2001	50	Yes		00%-0		$ 0	$ 30,300,000
08/31/1986	50	Yes		00%-0		$ 0	$ 27,757,000
12/10/1985	50	Yes		00%-0		$ 0	$ 19,487,187
12/04/1981	50	Yes		00%-0		$ 0	$ 0

Assessment History

Show All: ☐ **Hide Inactive Rolls:** ☐

Showing 1 to 10 of 68 entries.

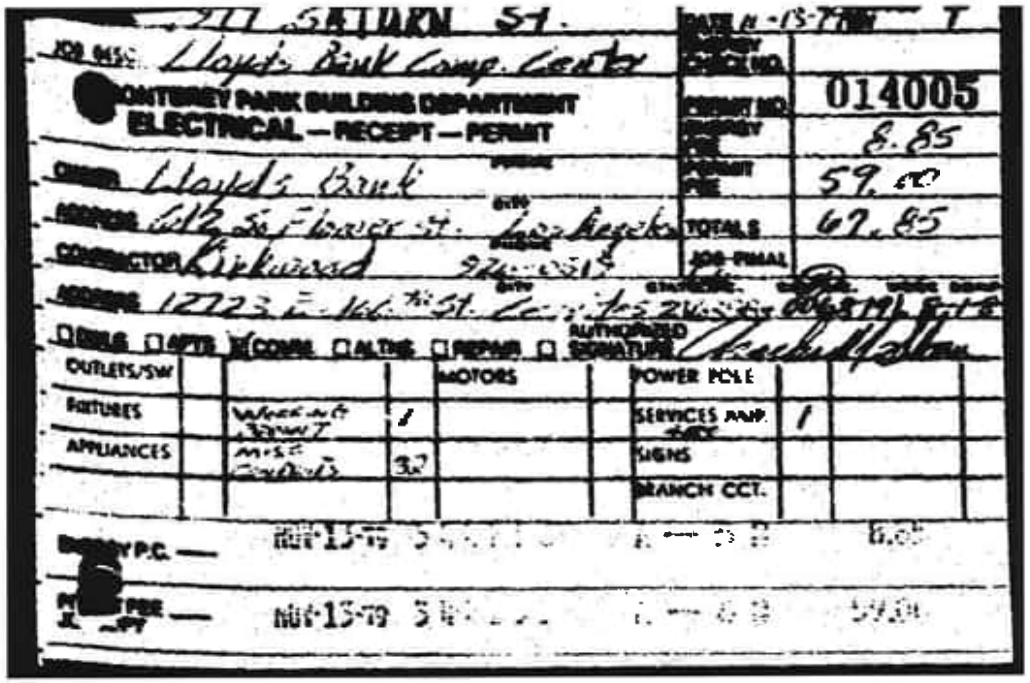
Bill Number	Bill Type	Bill Status	Date to Auditor	Recording Date	Total Value	Land Value	Improvement Value
224-PSEG				05/15/2018	$ 43,505,240	$ 17,848,303	$ 25,656,937
2230000	R	A	07/12/2023	05/15/2018	$ 42,652,197	$ 17,498,337	$ 25,153,860
2220001	C	A	12/03/2023	05/15/2018	$ 37,300,000	$ 17,000,000	$ 20,300,000
2220000	R	I	07/26/2022	05/15/2018	$ 41,815,881	$ 17,155,233	$ 24,660,648
2210001	C	A	12/03/2023	05/15/2018	$ 39,400,000	$ 16,800,000	$ 22,600,000
2210000	R	I	07/06/2021	05/15/2018	$ 40,995,962	$ 16,818,856	$ 24,177,106
2200000	R	A	07/06/2020	05/15/2018	$ 40,575,600	$ 16,646,400	$ 23,929,200
2190000	R	A	07/01/2019	05/15/2018	$ 39,780,000	$ 16,320,000	$ 23,460,000
2180100	T	A	06/17/2019	05/15/2018	$ 39,000,000	$ 16,000,000	$ 23,000,000
2180001	C	A	05/05/2019	07/20/2015	$ 39,119,040	$ 16,646,400	$ 22,472,640

« 1 2 3 4 5 … »

© 2024- Los Angeles County Assessor

Contact Us (https://assessor.lacounty.gov/contact-us/) | Disclaimer (disclaimer) | FAQ (faq)
PDB Effective Date: 03/26/2024

(https://facebook.com/LACAssessor) (https://www.twitte



211 SATURN ST.

JOB NAME Lloyds Bank Comp. Center

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

OWNER Lloyds Bank

ADDRESS 612 So. Flower St. CITY Los Angeles PHONE

CONTRACTOR Kirkwood PHONE 924-0515

ADDRESS 12723 E. 166th St. CITY Los Angeles STATE Calif. ZIP CODE 90631 Ref. #

☐ BSMT. ☐ APTS. ☒ COMM. ☐ ALTNS. ☐ REPAIR ☐ AUTHORIZED SIGNATURE

DATE 11-13-79 I

BUILDING PERMIT NO. 014005

BUILDING PERMIT FEE 8.85

ELECTRICAL PERMIT FEE 59.00

TOTALS 67.85

JOB FINAL

OUTLETS/SW				MOTORS		POWER POLE		
FIXTURES		Wall & Strip T	1			SERVICES AMP. SIZE	1	
APPLIANCES		Misc Outlets	32			SIGNS		
						BRANCH CCT.		

BUILDING P.C. — NOV 15-79 6.85

PLAN CHECK FEE — NOV 15-79 59.00

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211
328 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

		FEES
DATE	10-15-79	
PLAN CHECK		—
ENERGY ANALYSIS		—
BUILDING PERMIT	11239	16,923.00
EARTH QUAKE		389.34
PLAN STORE		40.00
TOTAL		17,352.34

LEGAL DESCRIPTION LOT 1,2,3,4,5 BLOCK PM 10004 TRACT 33940
JOB ADDRESS 1977 SATURN ST.
OWNER LLOYDS BANK CALIFORNIA PHONE 613-2153
OWNER ADDRESS 612 S. FLOWER ST. CITY L.A. ZIP 90017
LENDER LLOYDS BANK CITY L.A. PHONE 613-2153
ARCH. DESIGNER - ENGINEER DANIEL L. DWORSKY STATE LIC. C-15CC CITY LIC. PHONE 552-0822
CONTRACTOR O.L. PACK CONTRACTOR STATE LIC. 282753 CITY LIC. PHONE 391-6711
CONTRACTOR ADDRESS 3303 WILSHIRE BLVD CITY L.A. ZIP 90010
JOB DESCRIPTION OFFICE BLDG. SHELL ONLY

MAP NO.	ZONE	OCCUP GROUP	CONST. TYPE	FIRE ZONE
8	M		I	

LOT SIZE

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT
256,250 SQ. FT.	0 SQ. FT.	2	30	1

MATERIAL OF CONSTRUCTION: EXT. WALLS CONCRETE; ROOF STEEL; FLOOR STEEL

PLANNING: L.P. 9/29/79
AFFIDAVIT: Signature Check: [signature] 10-25-79

JOB ADDRESS 1977 SATURN ST. PLOT PLAN ON BACK
VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO COMPLETE AND USE PROPOSED BUILDING $ 5,562,000.00
OWELL UNIT'S

ENERGY ANALYSIS APPROVED PLAN CHECK 10/22 APPROVED DATE
PARKING
ENGINEERING
BUILDING PERMIT APPROVED [signature]
TRAFFIC
GRADING

I CERTIFY THAT I HAVE READ AND UNDERSTAND THIS APPLICATION AND THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY ORDINANCES AND STATE LAWS RELATING TO BUILDING CONSTRUCTION AND I SHALL EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF CALIFORNIA. CERTIFICATE OF WORKERS COMPENSATION INSURANCE OR PROOF OF EXEMPTION IS REQUIRED PRIOR TO ISSUANCE OF ANY PERMIT.

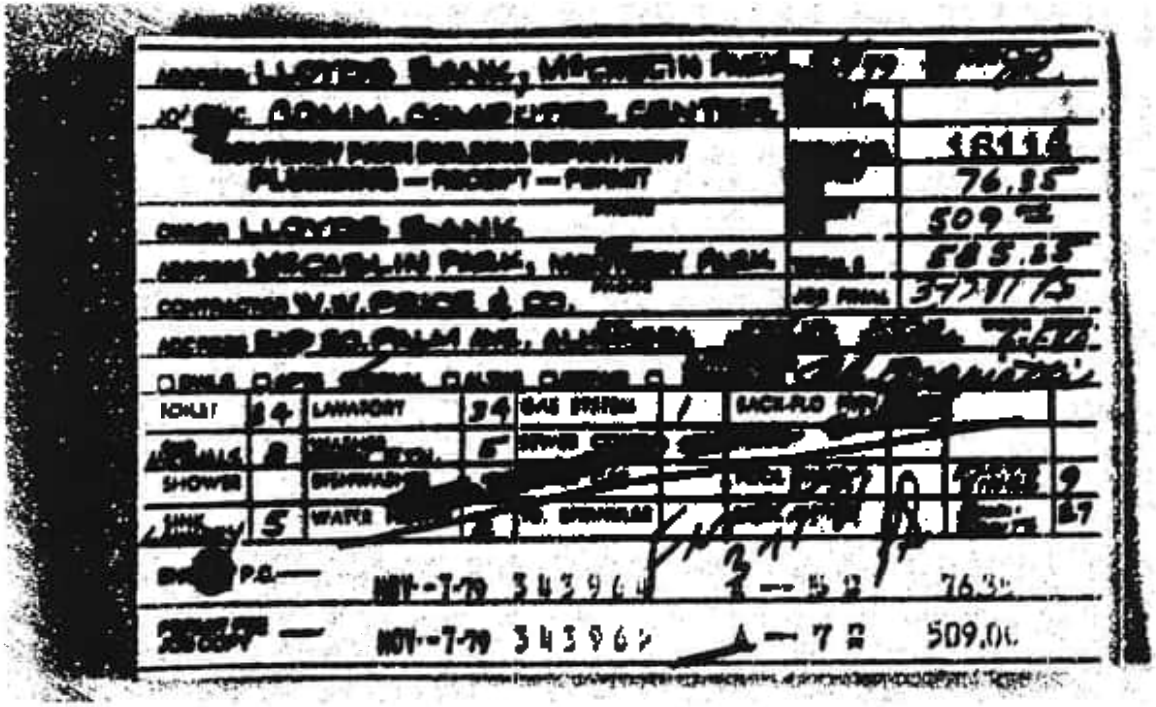
FIRE DEPT. E. Cadle 9/27/79
WORK COMP 70-1-80.
FINAL INSPECTION

AUTHORIZED SIGNATURE OWNER CONT. or Agent: Lloyd Wilson & O.L. PACK

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

CASHIER'S USE ONLY

PLAN CHECK	—			
ENERGY ANALYSIS	—			
BUILDING PERMIT	—	OCT-16-79	341[illegible]	A — [illegible] 16,923.00
EARTH QUAKE	—	OCT-16-79	341[illegible]	A — [illegible] 389.34
PLAN STORAGE	—	OCT-16-79	341[illegible]	A — [illegible] 40.00



PLUMBING — RECEIPT — PERMIT

76.35

509 00

585.35

CONTRACTOR V.V. CRICE & CO.

KOHLER 34 LAVATORY 34

SHOWER

SINK 5

NOV-7-79 343964

NOV-7-79 343962

509.00

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211
320 West Newmark Ave. • Monterey Park, California
BUILDING PERMIT APPLICATION

11-15-79

11239 16,923.00

LEGAL DESCRIPTION LOT 4 & 5, BLOCK

JOB ADDRESS 1977 SOTHOW ST.

OWNER ALHAMBRA BANK CALIFORNIA PHONE
ADDRESS 442 S. GARFIELD ST. L.A. 90017 CITY STATE ZIP

LENDER LLOYDS BANK L.A. CALIFORNIA
ADDRESS CITY STATE

ARCHITECT, ENGINEER CITY LIC. STATE LIC. CITY LIC. STATE LIC.

CONTRACTOR C.L. PACK CALIFORNIA 327 CITY LIC. 327 STATE LIC.
ADDRESS 8202 WILSHIRE BLVD L.A. 90048 CITY STATE

DESCRIPTION OF WORK REPAIR SMALL DAMAGE

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT
SQ. FT.	SQ. FT.	2	25	1
OCCUPANCY	ROOFING	WALL	FLOOR	PLOT PLAN ON FILE
	COMPOSITION	STUCCO	SLAB	

1977 SOTHOW ST.

VALUATION $ 16,962.00 APPROVED

ENERGY ANALYSIS PLAN CHECK 11/26 DATE

BUILDING PERMIT APPROVED

I (WE) CERTIFY THAT I HAVE READ AND EXAMINED THIS APPLICATION AND KNOW THE SAME TO BE TRUE AND CORRECT. ALL PROVISIONS OF LAWS AND ORDINANCES GOVERNING THIS TYPE OF WORK WILL BE COMPLIED WITH WHETHER SPECIFIED HEREIN OR NOT. THE GRANTING OF A PERMIT DOES NOT PRESUME TO GIVE AUTHORITY TO VIOLATE OR CANCEL THE PROVISIONS OF ANY STATE OR LOCAL LAW REGULATING CONSTRUCTION OR THE PERFORMANCE OF CONSTRUCTION. PERMIT EXPIRES IF WORK IS NOT STARTED WITHIN 180 DAYS OF ISSUANCE OR IF WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AT ANY TIME AFTER WORK IS COMMENCED. A SEPARATE PERMIT MUST BE OBTAINED FOR EACH FUNCTION BEFORE PROCEEDING WITH THAT WORK, AND PERMIT MAY BE REVOKED AT ANY TIME UPON VIOLATION OF ANY OF THE ABOVE CONDITIONS.

SIGNATURE OF APPLICANT A Lloyd Wilson C.A.L. PACK DATE

ADDRESS CITY STATE

Final 6-10-81 Paul Schumacher

PLAN CHECK —

—	OCT-16-79	341933	A — B 16,923.00
—	OCT-16-79	341934	A 16 — 389.31
—	OCT-16-79	341935	A 28 — 40.00

PERMIT FEE	16,962.00
PLAN CHECK	389.31
STATE	40.00
TOTAL	17,952.31
ZONE	M
OCC.	I
LOT SIZE	
PERMIT FEE PAID	11/29/79
BUILDING	Paul Schumacher 11-29-79
SMOG UNITS	
PARKING	
ENGINEERING	
TRAFFIC	
GRADING	
PLT. PLAN CHECK	12/4/79
FINAL INSPECTION	12-1-80
	Paul Schumacher

ADDRESS: 1977 SALMON

JOB DESC. Temp Power

DATE 10/26/79 ISSUED BY T

ENERGY CHECK NO.

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

PERMIT NO. 013972

ENERGY FEE 4.05

PERMIT FEE 27.00

TOTALS 31.05

JOB FINAL

OWNER PHONE

ADDRESS CITY

CONTRACTOR PHONE

ADDRESS CITY STATE LIC. CITY LIC. WORK COMP

☐ DWLG ☐ APTS ☐ COMM ☐ ALTNS ☐ REPAIR ☐ AUTHORIZED SIGNATURE

OUTLETS/SW		MOTORS		POWER POLE	1
FIXTURES				SERVICES AMPS	
APPLIANCES				SIGNS	
				PERMIT CC	

ENERGY P.C. — OCT-26-79 [illegible] 4.05

PERMIT FEE JOB COPY — OCT-26-79 [illegible] 27.00

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

	DATE	5-13-80	FEES
	PLAN CHECK		12,127.6
	ENERGY ANALYSIS		-0-
	BUILDING PERMIT	12009	14,790.00
	EARTH QUAKE		332.54
	PLAN STORE		-0-.
	TOTAL		27,250.34

LEGAL DESCRIPTION LOT 1,2,3,4,5 1,2,3 BLOCK PM 10094 TRACT 33910
JOB ADDRESS 1977 Saturn Street
OWNER Lloyds Bank California PHONE 613-2153
OWNER ADDRESS 612 S. Flower St., CITY Los Angeles ZIP 90017
LENDER Lloyds Bank CITY Los Angeles PHONE 613-2153
ARCH-DESIGNER-ENGINEER Daniel L. Dworsky STATE LIC. C-1500 CITY LIC. PHONE 552-0822
CONTRACTOR C.L. Peck, Contractor STATE LIC. 182753 CITY LIC. PHONE 381-6711
CONTRACTOR ADDRESS 3303 Wilshire Blvd, L.A. CITY 90010 ZIP
JOB DESCRIPTION Office Building (remaining structure)

MAP NO.	8
ZONE	M
OCCUP GROUP	
CONST. TYPE	I
FIRE ZONE	
LOT SIZE	irregular

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT
206,250 SQ. FT.	0 SQ. FT.	2	30	1

MATERIAL OF CONSTRUCTION: EXT. WALLS Concrete; ROOF steel; FLOOR steel

JOB ADDRESS 1977 Saturn Street — PLOT PLAN ON BACK

VALUATION TO INCLUDE ALL FIXED EQUIPMENT TO COMPLETE BUILDING PROPOSED BUILDING $ 4,750,500.

ENERGY ANALYSIS ✓ APPROVED — PLAN CHECK RR/P.O. APPROVED DATE 5-13-80

BUILDING PERMIT APPROVED A Randall

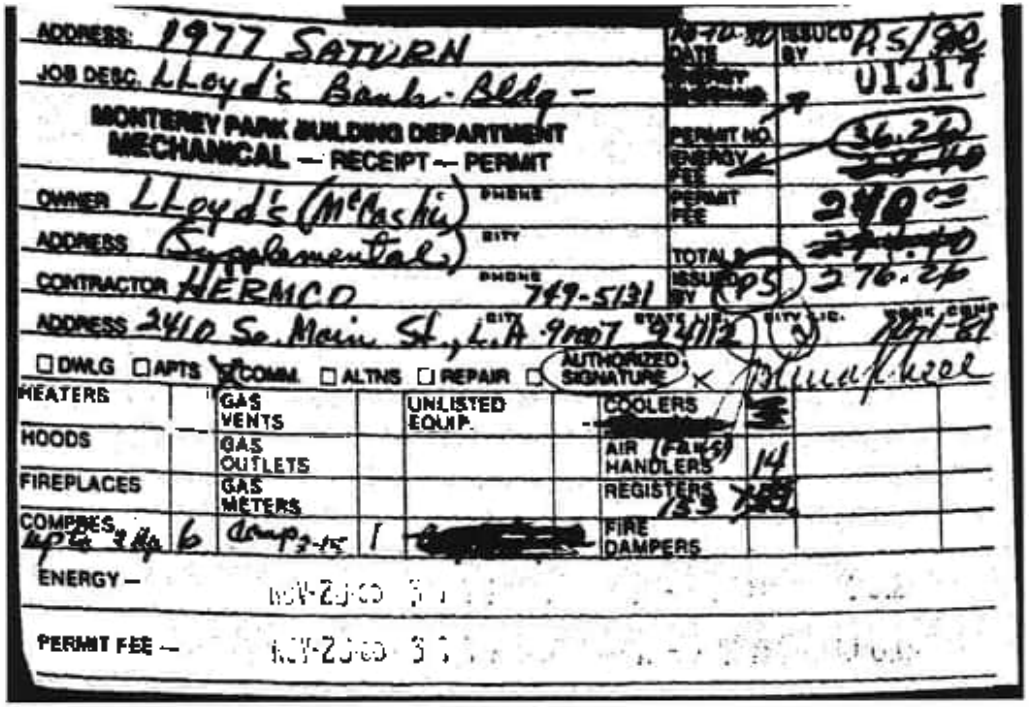
I CERTIFY THAT I HAVE READ AND UNDERSTAND THIS APPLICATION AND THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY ORDINANCES AND STATE LAWS RELATING TO BUILDING CONSTRUCTION AND I SHALL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF CALIFORNIA. A CERTIFICATE OF WORKERS COMPENSATION INSURANCE OR PROOF OF EXEMPTION IS REQUIRED PRIOR TO ISSUANCE OF ANY PERMIT.

AUTHORIZED SIGNATURE
OWNER CONT. or Agent

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

CASHIER'S USE ONLY
PLAN CHECK — MAY-15-80
ENERGY ANALYSIS —
BUILDING PERMIT — MAY-15-80
EARTH QUAKE — MAY-15-80
PLAN STORAGE —

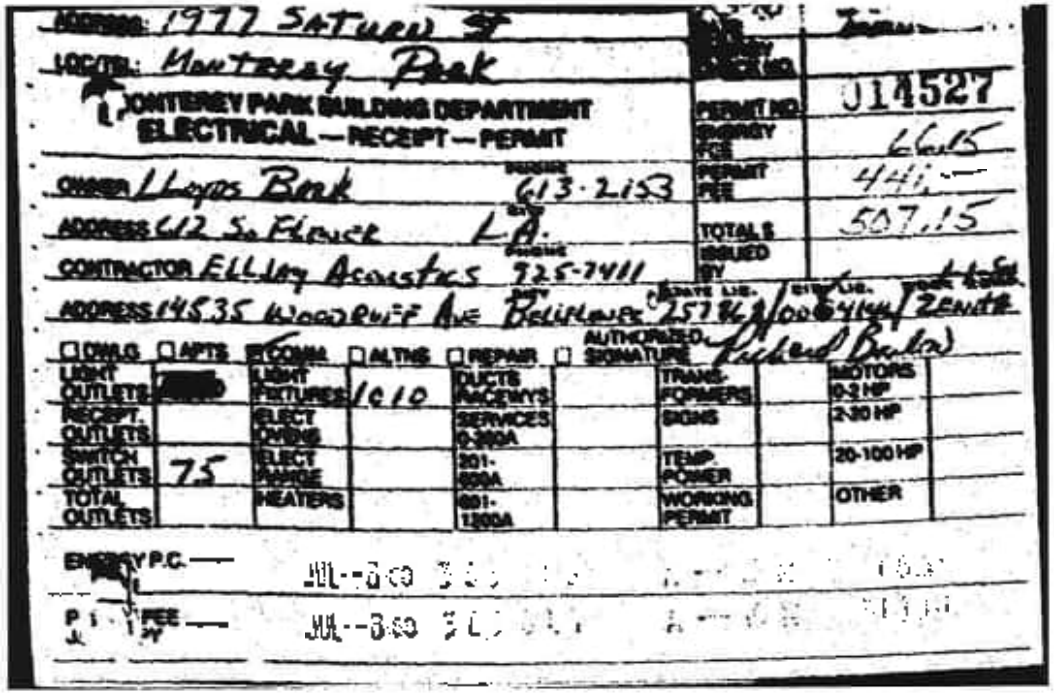
PLANNING	L.P. 9/29/79
AFFIDAVITS	
DWELL. UNITS	
PARKING	✓
ENGINEERING	
TRAFFIC	
GRADING	
FIRE DEPT	E. Cordell 9/27/79
WORK COMP	10/1/80
FINAL INSPECTION	



ADDRESS: 1977 SATURN
JOB DESC. LLoyd's Bank - Bldg -
MONTEREY PARK BUILDING DEPARTMENT
MECHANICAL — RECEIPT — PERMIT
OWNER LLoyd's (McCaskill)
ADDRESS (Supplemental)
CONTRACTOR HERMCO
ADDRESS 2410 So. Main St., L.A. 90007
PHONE 749-5131
CITY
STATE
ZIP
DATE 10-20-80
ISSUED BY RS/80
PERMIT NO. 01317
ENERGY FEE 36.24
PERMIT FEE 240.00
TOTAL FEE 276.24
ISSUED BY PS
CITY LIC.
WORK CLASS
AUTHORIZED SIGNATURE
☐ DWLG ☐ APTS ☑ COMM. ☐ ALTNS ☐ REPAIR ☐

HEATERS		GAS VENTS		UNLISTED EQUIP.		COOLERS	1				
HOODS		GAS OUTLETS				AIR HANDLERS (F&R)	14				
FIREPLACES		GAS METERS				REGISTERS	139				
COMPRES.	6	Comp 3-15	1	[redacted]		FIRE DAMPERS					

ENERGY —
PERMIT FEE —



ADDRESS: 1977 Saturn St

LOCATN.: Monterey Park

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

PERMIT NO. 014527

ENERGY FEE 6615

OWNER Lopez Bank PHONE 613-2153

PERMIT FEE 44.—

ADDRESS 612 So Flower ST L.A.

TOTAL $ ISSUED BY 507.15

CONTRACTOR Elliot Acoustics PHONE 925-7411

ADDRESS 14535 Woodruff Ave CITY Bellflower STATE LIC. 257842 CITY LIC. 10064144 YEAR EXPIRES 12-31-78

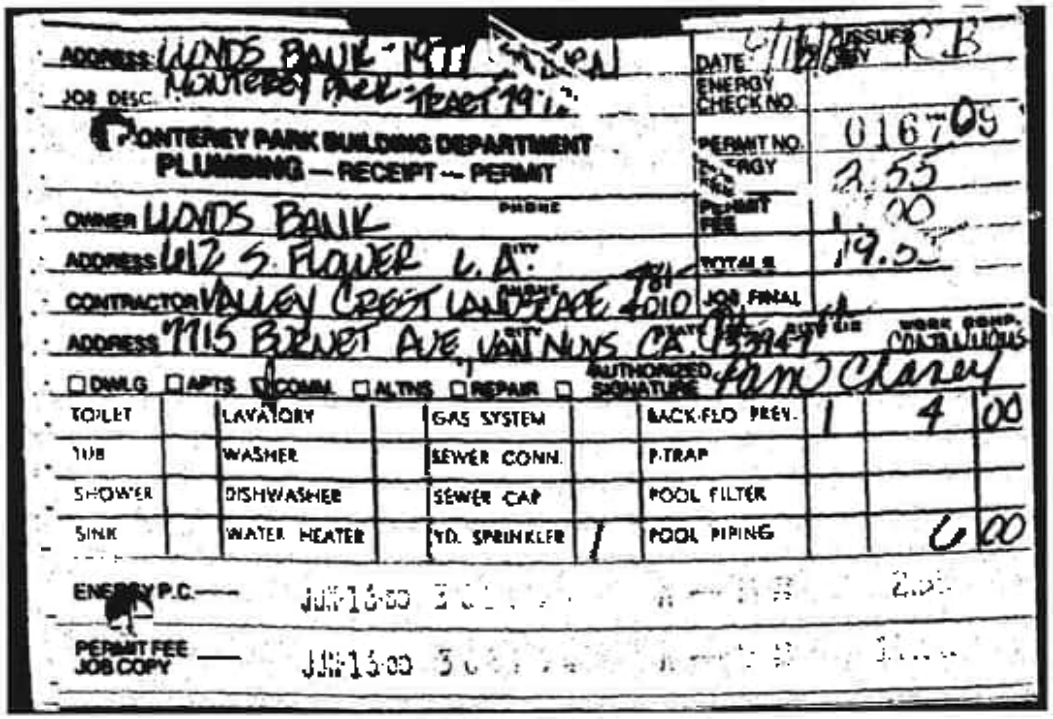
AUTHORIZED SIGNATURE Richard Baker

☐ DWLG ☐ APTS ☒ COMM ☐ ALTNS ☐ REPAIR ☐

LIGHT OUTLETS	[redacted]	LIGHT FIXTURES	1010	DUCTS RACEWYS		TRANS-FORMERS		MOTORS 0-2 HP	
RECEPT. OUTLETS		ELECT OVENS		SERVICES 0-200A		SIGNS		2-20 HP	
SWITCH OUTLETS	75	ELECT RANGE		201-600A		TEMP. POWER		20-100 HP	
TOTAL OUTLETS		HEATERS		601-1200A		WORKING PERMIT		OTHER	

ENERGY P.C. — JUL--8-80

PLAN CHK FEE — JUL--8-80



ADDRESS: LLOYDS BANK - RTI
JOB DESC: Monterey Mall - Tract 19[illegible]
DATE: [illegible] ISSUED BY: RB
ENERGY CHECK NO.:

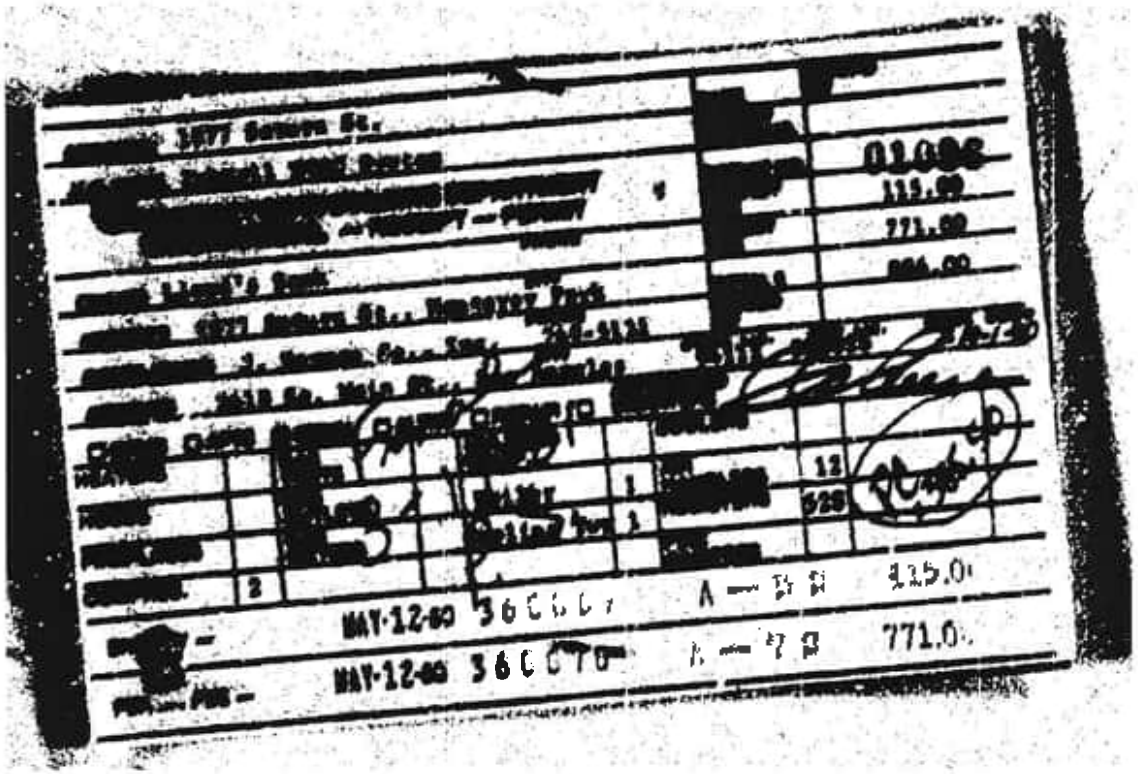
MONTEREY PARK BUILDING DEPARTMENT
PLUMBING — RECEIPT — PERMIT

PERMIT NO. 016705
ENERGY 2.55
PERMIT FEE 1.00
TOTAL $ 19.55
JOB FINAL

OWNER: LLOYDS BANK PHONE
ADDRESS: 612 S. FLOWER L.A. CITY
CONTRACTOR: VALLEY CREST LANDSCAPE PHONE: 701 4010
ADDRESS: 7115 BURNET AVE. VAN NUYS CA. CITY 93149
WORK COMP. CONTRACTORS
☐ DWLG ☐ APTS ☐ COMM. ☐ ALTNS ☐ REPAIR ☐ AUTHORIZED SIGNATURE: Pam Clancy

TOILET		LAVATORY		GAS SYSTEM		BACK-FLO PREV.	1	4	00
TUB		WASHER		SEWER CONN.		P-TRAP			
SHOWER		DISHWASHER		SEWER CAP		POOL FILTER			
SINK		WATER HEATER		YD. SPRINKLER	1	POOL PIPING		6	00

ENERGY P.C. — JUN 16 00 [illegible]
PERMIT FEE JOB COPY — JUN 16 00 [illegible]


MAY-12-80
MAY-12-80
135.0
771.0

DECLARATIONS

The Declarations below are required by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-16 License No. 182273

Exp. Date 5/31/81 Contractor VIKING FIRE PROT.

VIKING FIRE PROT. INC 682-6800
CONTRACTOR (DBA) Phone
2990 E. MIRALOMA ANAHEIM CA. 92
Address City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031, California Business and Professions Code): Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

Date _____ Owner _____

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC 427-71-64 Company CROSBY & HARVEY

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 9-23-80 Applicant P. Smith

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X P. Smith 9-23-80
Signature of Owner or Contractor (AGENT ONLY) Date

Owner Verified By | City Lic. Verified By

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, the permit shall become null and void by this limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211
320 West Newmark Ave., Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO. 12541

LEGAL DESCRIPTION LOT BLOCK TRACT		PLAN CHECK	0
JOB ADDRESS 1977 SATURN		BLDG. PERMIT	0
OWNER LLOYDS BANK PHONE		PLUMBING PERMIT	17.50
OWNER ADDRESS SAME CITY ZIP		MECH. PERMIT	.50
ENGINEER STATE LIC. PHONE		ELEC. PERMIT	0
ARCH.-DESIGNER STATE LIC. PHONE			
CONTRACTOR VIKING FIRE PROT. PHONE		TOTAL $ FEE	18.00

JOB DESCRIPTION	NEW	ADD	DEMO	FIRE	
INSTALL SPRINKLER ABOVE FUEL OIL LINE					
BUILDING AREA	GARAGE AREA	DWELLING	HEIGHT	NO. STORIES	BUILDING SIZE
MATERIAL OF CONSTRUCTION	EXT. WALLS	ROOF	FLOOR		

MAP NO. 8
ZONE M
OCCUP. GROUP
CONST. TYPE I Sprinklered
LOT SIZE
APPROVALS
ENGINEERING
PLANNING
PERMIT Revised 9/7/80
WORK COMP. 1-1-81
FINAL INSPECTION Paul Chrisman

JOB ADDRESS 1977 SATURN
VALUATION 1500.00
ENERGY ANALYSIS APPROVED PLAN CHECK R APPROVED
BUILDING PERMIT APPROVED M. Randall DATE 9-23-80
Plan Sheets 1 - 2nd floor & East Half - D.
NO. UNITS BEDROOMS/UNIT PARKS & RECREATION FEE
DEMO. DP. AMT. DUE $
PARKING PLOT PLAN
VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

CASHIER USE ONLY

PLAN CHECK			
ENERGY			
PLUMBING			
BUILDING	SEP-23-80	371502	A
MECH.	SEP-23-80	371503	A
ELEC.			
FLOOR			

Final 6-16-81

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

5-15-80

12,127.80

v12009

14,790.00

LEGAL DESCRIPTION Lot 1,2,3,4,5 BLOCK TRACT 33910

JOB ADDRESS 1977 Saturn Street

OWNER Lloyds Bank California PHONE 613-2193

OWNER'S ADDRESS 612 S. Flower St., CITY Los Angeles 90017

LENDER Lloyds Bank CITY Los Angeles PHONE 613-2193

ARCH.-DESIGNER-ENGINEER Daniel L. Dworsky STATE LIC. C-1500 CITY LIC. PHONE 552-0822

CONTRACTOR C.L. Beck, Contractor STATE LIC. 182753 CITY LIC. PHONE 381-8711

CONTRACTOR'S ADDRESS 3303 Wilshire Blvd. L.A. CITY 90010

DESCRIPTION Office Building (remaining structure)

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT
206,250 SQ. FT.	0 SQ. FT.	2	30	1

BUILDING CONSTRUCTION	ROOF COVERING	FLOOR	FOUNDATION
Concrete	steel		steel

JOB ADDRESS 1977 Saturn Street PLOT PLAN ON BACK

VALUATION $ 4,750,500.

ENERGY ANALYSIS APPROVED PLAN CHECK APPROVED DATE 5-13-80

BUILDING PERMIT APPROVED

I CERTIFY THAT I HAVE READ AND UNDERSTAND THE APPLICATION AND THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY ORDINANCES AND STATE LAWS RELATING TO BUILDING CONSTRUCTION AND I HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES. A CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED UNTIL ALL FINAL INSPECTIONS HAVE BEEN COMPLETED AND ALL CHECKLIST ITEMS HAVE BEEN SATISFIED. NO PERMIT WILL BE ISSUED IN VIOLATION OF THE LABOR CODE OF CALIFORNIA. A CERTIFICATE OF EXEMPTION FROM WORKMEN'S COMPENSATION INSURANCE OR PROOF OF EXEMPTION IS REQUIRED PRIOR TO ISSUANCE OF ANY PERMIT.

OWNER OR AGENT

WORKMEN'S COMPENSATION INSURANCE CARRIER OR CERTIFICATE OF EXEMPTION

CONTRACTOR

			332.54
			-0-
		TOTAL	27,250.34
			8
		ZONE	M
		OCCUP. GROUP	
		CONST. TYPE	1
		FIRE ZONE	
		LOT SIZE	Irregular

FLOOD L.P. 9/29/79

AFFIDAVITS

SHELL UNITS

PARKING

ENGINEERING

TRAFFIC

GRADING

E. Cordell 9/27/79

WATER SERVICE 10/1/80

FINAL INSPECTION 3-17-81 P.S.

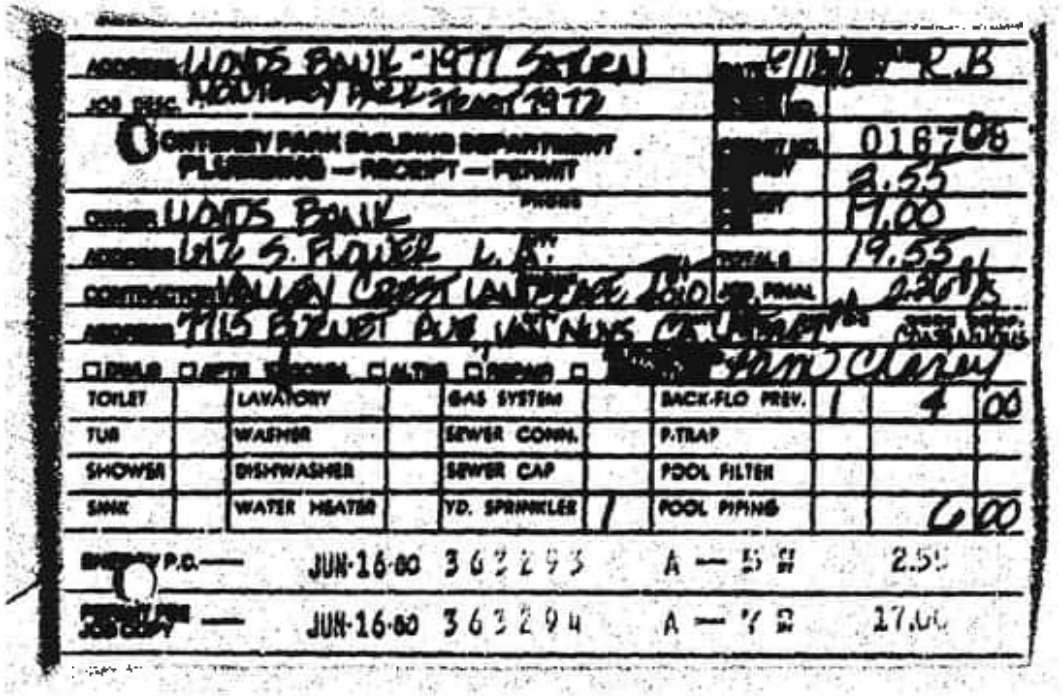
CHECKLIST

PLAN CHECK —

— MAY-13-80 360114 A — B # 14,790.00

— MAY-13-80 360112 A — # 332.54

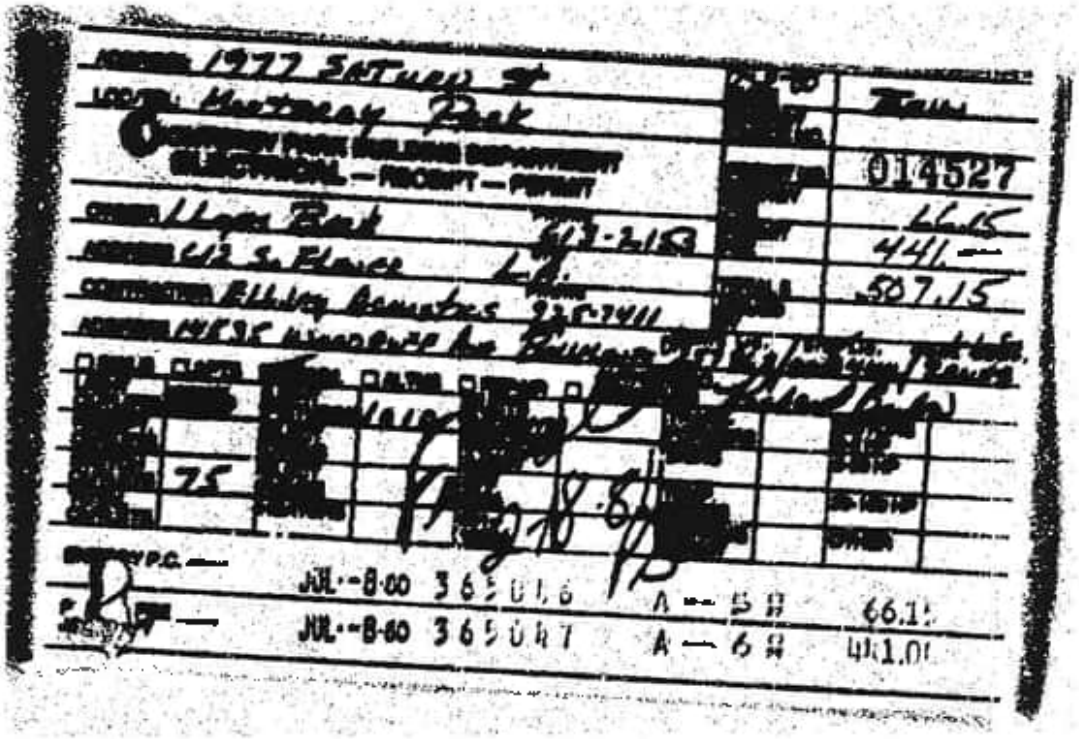
—

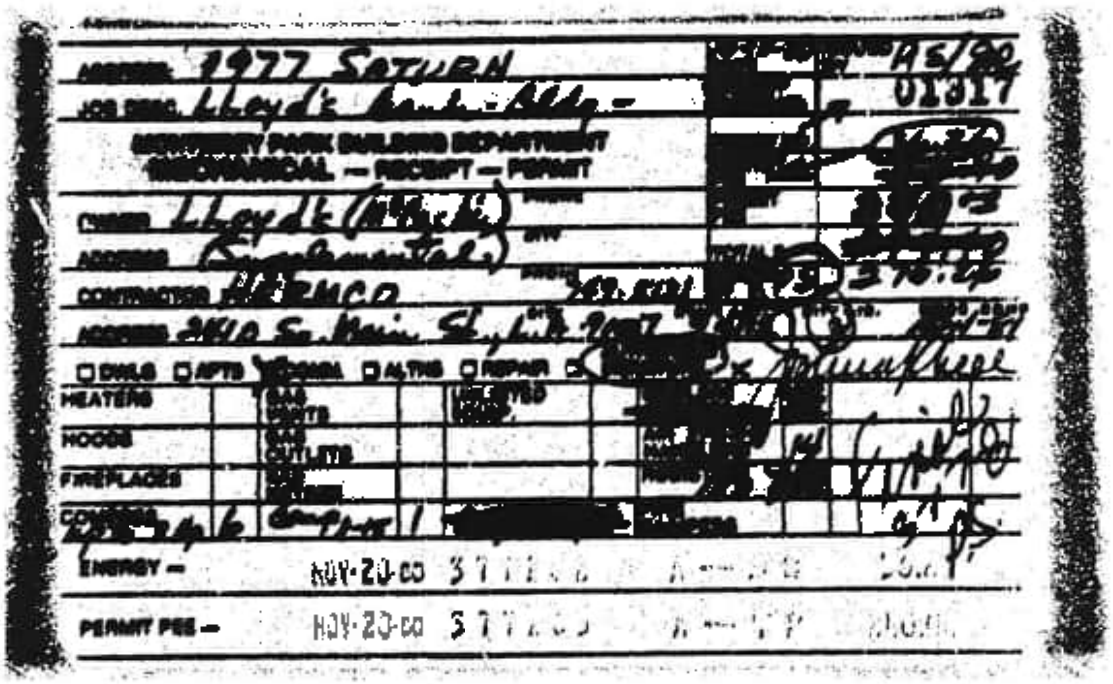


ADDRESS WORLD BANK - 1911 SOUTH R.B
JOB DESC. MECHANICAL PACKAGE TENANT IMPROVEMENT 1977
CENTURY PARK BUILDING DEPARTMENT
PLUMBING — RECEIPT — PERMIT
PERMIT NO. 016708
FEE $ 8.55
OWNER WORLD BANK
ADDRESS 612 S. FLOWER L.A.
CONTRACTOR MALLEN CONSTRUCTION CO
ADDRESS 7115 BELAIR AVE, NORTH HOLLYWOOD
TOTAL $ 19.55
BAL. DUE $ 0.20
PAID $ 19.35
☐ REPAIR ☐ NEW BUILDING ☐ ALTER ☐ REMOVE ☐

TOILET		LAVATORY		GAS SYSTEM		BACK-FLO PREV.	1	4	00
TUB		WASHER		SEWER CONN.		P-TRAP			
SHOWER		DISHWASHER		SEWER CAP		POOL FILTER			
SINK		WATER HEATER		YD. SPRINKLER	1	POOL PIPING		6	00

P.O. — JUN-16-80 362293 A — 5 G 2.5
— JUN-16-80 362294 A — 7 G 17.00


1977 Saturn St
Monterey Park
ELECTRICAL — RECEIPT — PERMIT
014527
Hope Bank
441.—
507.15
JUL--8-00 365016 A — 5 #
JUL--8-00 365047 A — 6 #


1977 SATURN
Lloyd's Auto Body
MECHANICAL — RECEIPT — PERMIT
Lloyd
Englewood
HERCO
2410 So. Main St. Ft. Worth
01317
HEATERS
HOODS
FIREPLACES
ENERGY —
NOV-20-80
PERMIT FEE —
NOV-20-80

DECLARATIONS

The Contractor below was licensed by the State of California under Section 7028 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements are only be passed on to the applicant as they are not refundable from the city.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C 38 License No. 219077

Date 5-31-82 Contractor Philip Perez

Phil's Comm. Refrig.

CONTRACTOR (DBA) Phone

14020 Marguardt 8021629

ADDRESS Santa Fe Springs, Calif Zip 90670

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 275 KE 681 [illegible] Company Amer. Mem.

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 11-20-80 Applicant Philip Perez

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor (AGENT) Date 11/26/80

Owner Verified By	City Lic. Verified By

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by this limitation. A signed inspection on job card will keep permit valid for no more than 360 days.

JOB ADDRESS 1977 Saturn

☐ DWLG ☐ APTS ☐ COMM ☐ ALTER ☐ REPAIR

PERMIT NO. 01319

MONTEREY PARK BUILDING DEPARTMENT
MECHANICAL — RECEIPT — PERMIT

PERMIT FEE 22.-

OWNER Lloyds Bank of Calif. PHONE

ADDRESS CITY PHONE

CONTRACTOR PLAN CHECK FEE —

WORK COMP. 10-1-81 ENERGY FEE 3.30

SPECIAL INSP. ISSUED BY DATE

TOTAL FEES 25.30

FURNACE B. T. U.	APPLIANCE VENT	FIREPLACE	EVAPORATIVE COOLER	WORK PERMIT
	AIR HANDLER C F M.	HOOD	POOL HEATER B. T. U.	
A. C. COMP. SIZE				
2 refrig.	VENT FAN 6 00	12.00		
food strge.	VENT SYSTEM			
under 3 hp	DIFFUSERS REGISTERS	GAS VENT	GAS SYSTEM	
	FIRE DAMPERS		JOB FINAL 2-18-81 PS	

10.00	Permit Issuance Fee. ALL FEES ARE PER "EACH"	10.00
6.00	All Furnaces up to: 100M B. T. U. (w/Vent)	
10.00	All Furnaces OVER 100M B. T. U. (w/Vent)	
4.00	Appliance Vent (New, Replace, Relocate)	
6.00	Heater: Refrig.: Absorp. System/Unit (New/Alter)	
6.00	Comp./Boiler up to: 3 H.P./100M 2 compressors	12.00
12.00	Comp./Boiler OVER 3-15 H.P./OVER 100M - 500M	
20.00	Comp./Boiler OVER 15-30 H.P./OVER 500M - 1000M	
30.00	Comp./Boiler OVER 30-50 H.P./OVER 1000M - 1750M	
40.00	Comp./Boiler OVER 50 H.P./OVER 1750M	
5.00	Air Handler up to and including 10M C. F. M.	
10.00	Air Handler OVER 10M C. F. M.	
6.00	Evaporative Cooler (Permanent)	
4.00	Vent Fan (Single Duct); Vent System	
6.00	Appliance or Equipment Not Listed	
1.00	Diffusers (Supply and Return)	
4.00	Gas System 1-5 outlets)	
1.00	Gas System (6 or more outlets)	

PLAN CHECK FEE = ½ PERMIT FEE
ENERGY FEE = 15% OF PERMIT FEE

ENERGY 3.30

TOTAL $25.30

ENERGY P.C. —— DEC--2-80 511511

PLAN CHECK ——

PERMIT FEE —— DEC--2-80 511511

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 570-1011
320 West Newmark Ave. - Monterey Park, California
BUILDING PERMIT APPLICATION

5-12-80

12032 $93.00
$.26
—
TOTAL 397.76

LEGAL DESCRIPTION LOT BLOCK TRACT
JOB ADDRESS 1977 SATURN PHONE
OWNER LLOYDS BANK STATE LIC. CITY LIC. PHONE
ADDRESS 1977 SATURN CITY ZIP
LESSEE
ARCHITECT-ENGINEER STATE LIC. CITY LIC. PHONE
CONTRACTOR VIKING FIRE [illegible] STATE LIC. CITY LIC. PHONE
CONTRACTOR'S ADDRESS 2990 E. MIRALOMA, ANAHEIM, CA.
DESCRIPTION OF WORK INSTALL FIRE SPRINKLER

BUILDING AREA SQ. FT.	GARAGE AREA SQ. FT.	STORIES	HEIGHT	NO. BUILDINGS ON LOT

NATURE OF OCCUPATION | DWG. NOS. | SHEET | FLOOR

JOB ADDRESS 1977 SATURN PLOT PLAN ON FILE
VALUATION $8,000
APPROVED APPROVED
ENERGY ANALYSIS PLAN CHECK DATE

BUILDING PERMIT ACCEPTED
I CERTIFY THAT I HAVE READ AND UNDERSTAND THIS APPLICATION AND THE [illegible] ON PROOF OF [illegible] PRIOR TO ISSUANCE OF ANY PERMIT.

APPLICANT'S SIGNATURE P. Linthe
OWNER AGENT

PLAN CHECK —
— —
— MAY-19-80 360 V 1 [illegible] 35.50
— MAY-19-80 360 [illegible] [illegible] 4.75
— —

PLANNING
APPROVED
SHELL UNITS
PARKING
SPRINKLERS
TRAFFIC
GARAGE
FIRE DEPT
WATER GROUP 1-1-81
FINAL INSPECTION
Final 6-10-81 Paul Schaumburg

ADDRESS: LLOYDS BANK - 1977 SATURN | DATE 6/10/ [illegible]

JOB DESC: MONTEREY PARK - TRACT 7972

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

ENERGY CHECK NO.	
PERMIT NO.	114479
ENERGY FEE	1.35
PERMIT FEE	9.00
TOTAL $	10.35
JOB FINAL	OK

OWNER: LLOYDS BANK — PHONE

ADDRESS: 612 S. FLOWER — CITY — CA.

CONTRACTOR: VALLEY CREST LANDSCAPE — PHONE 781-4010

ADDRESS: 7715 BALBOA AVE. — CITY VAN NUYS, CA. — STATE — 13344 — CITY — CONTINUE

☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR ☐ AUTHORIZED SIGNATURE Van Chaney

OUTLETS/SW			MOTORS	1	POWER POLE
FIXTURES			(SPRINKLER)		SERVICE/1 AMP.
APPLIANCES			CONTROLLER		SIGNS
					BRANCH CCT.

ENERGY P.C. — J. Miles Building

PERMIT FEE JOB COPY — J. Miles Building

ADDRESS: 1977 SATURN STREET

JOB DESC. SEWER CONNECTION

MONTEREY PARK BUILDING DEPARTMENT
PLUMBING — RECEIPT — PERMIT

OWNER LLOYDS BANK OF CALIF. PHONE

ADDRESS 1977 SATURN ST. CITY MONTEREY PARK

CONTRACTOR C. A. PECK PHONE 381-6711

ADDRESS 3.03 WILSHIRE BLVD. CITY LOS ANGELES

☐ DWLG ☐ APTS ☑ COMM. ☐ ALTNS ☐ REPAIR ☐

AUTHORIZED SIGNATURE Victor Kelly

TOILET		LAVATORY		GAS SYSTEM		BACK-FLO PREV.				
TUB		WASHER		SEWER CONN.	X	P-TRAP				
SHOWER		DISHWASHER		SEWER CAP		POOL FILTER				
SINK		WATER HEATER		YD. SPRINKLER		POOL PIPING				

ENERGY P.C. —

PERMIT FEE —
JOB COPY

JAN-2-80 [illegible] 22.0

LATE ☐ ISSUED BY Frank

ENERGY CHECK NO.

PERMIT NO. 016686

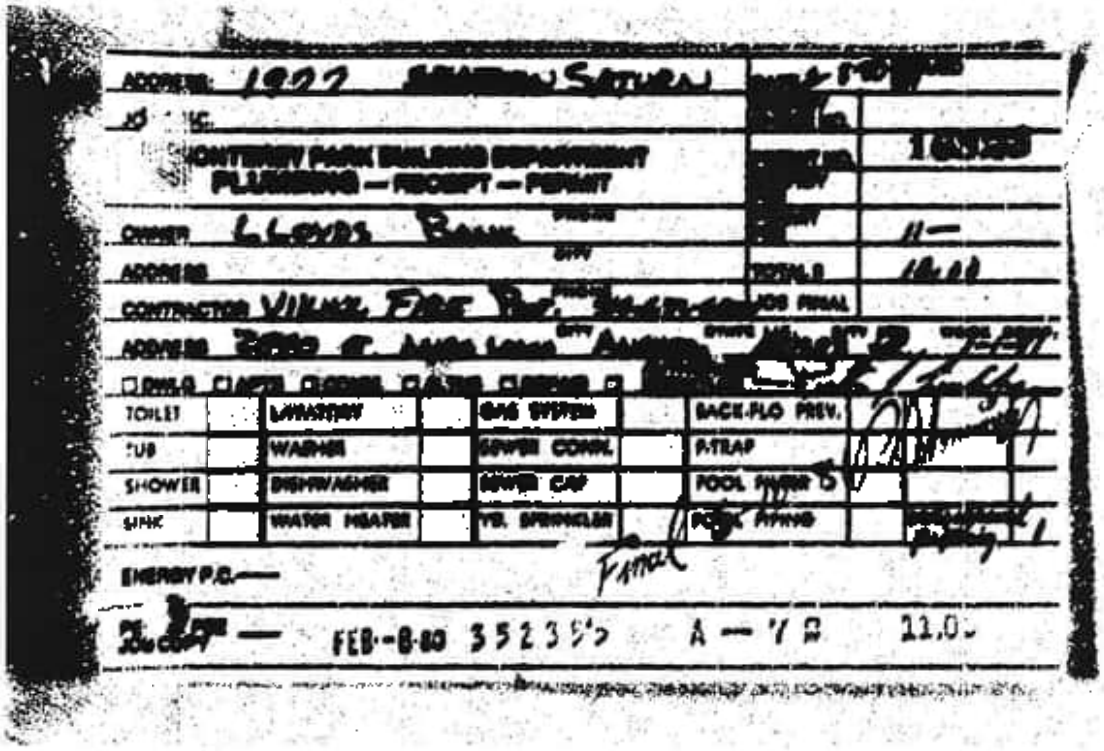
ENERGY FEE

PERMIT FEE 22 —

TOTALS 22 —

JOB FINAL

STATE LIC. [illegible] CITY LIC. [illegible] WORK COMP. W-T-50



MONTEREY PARK BUILDING DEPARTMENT
PLUMBING — RECEIPT — PERMIT

OWNER LLOYDS BANK

CONTRACTOR VILLAGE FIRE

TOILET		LAVATORY		GAS SYSTEM		BACK-FLO PREV.	
TUB		WASHER		SEWER CONN.		P-TRAP	
SHOWER		DISHWASHER		SEWER CAP		POOL PIPING	
SINK		WATER HEATER		FIRE SPRINKLER			

ENERGY P.C. —

Final

FEB-8-80 35235 A — 72 11.0

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-[illegible] License No. [illegible]

Exp. 3-31-82

Date _____ Contractor _____

CONTRACTOR (DBA)		Phone
ADDRESS	City	Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00).):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

Date _____ Owner _____

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC2-162-018764-010 Company Mutual Liberty

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date _____ Applicant _____

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Rodney Dunn 11-17-80

Signature of Owner or Contractor ONLY — Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit active for no more than 180 days.

JOB ADDRESS: 1977 SATURN

☐ DWLG ☐ APTS ☑ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

PERMIT NO. 014843

OWNER LLOYDS BANK PHONE

ADDRESS 4515 So Soto St. CITY Vernon

CONTRACTOR GUY VAN FOSSEN INC. PHONE 583-6391

WORK COMP. 4-6-81 ISSUED BY

SPECIAL INSP. DATE

PERMIT FEE	18 00
PLAN CHECK	0
ENERGY FEE	1.20
TOTAL FEES	19.20

	OUTLETS		BUSWAY FOOTAGE	2	MOTORS H. P.	POWER POLE	WORK PERMIT
	FIXTURES				1/2 HP ea.	SERVICE AMPS.	
	SWITCHES		MISC. CONDUITS				
					MOTORS H. P.	POOL OR SPA SYSTEM	
	APPLIANCES		TEMPORARY SYSTEM		BRANCH CCT.	SIGNS	FLASHER TIMER
2	APPLIANCES CCT.					JOB FINAL	

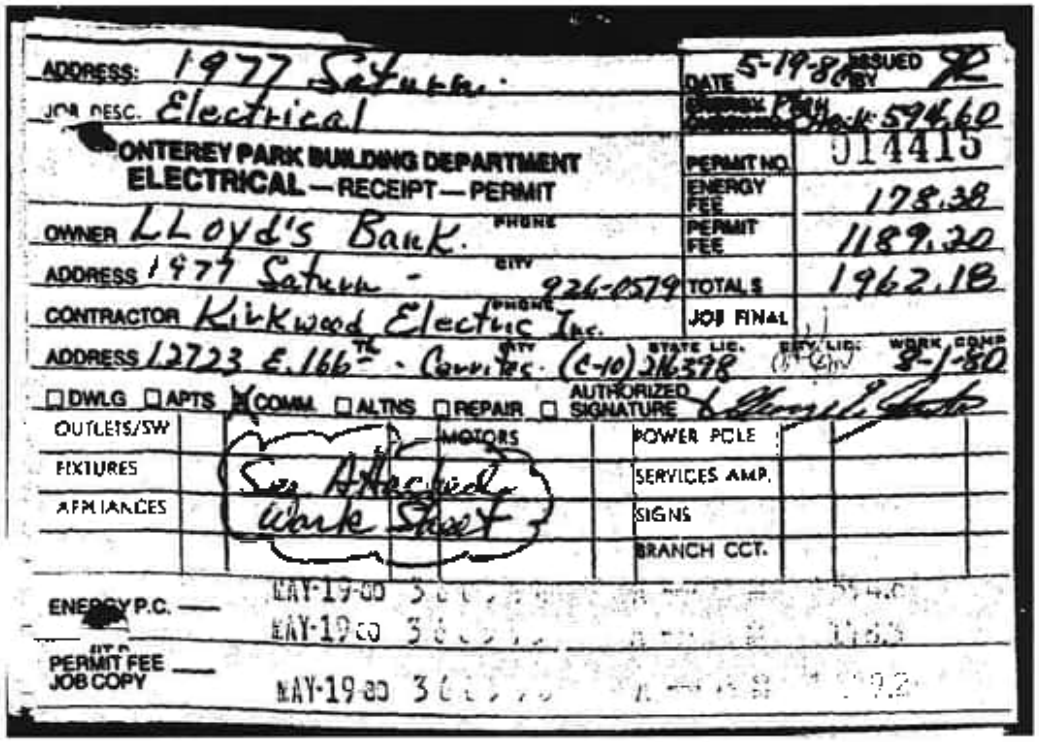
10.00	PERMIT ISSUANCE FEE	10	00
.50	OUTLETS, RECEPTICALS, SWITCHES, LIGHT FIXTUERS, HOLDERS, each SOCKETS, POLE, PLATFORM, MERCURY VAPOR		
5.00	TEMPORARY; FESTOON, RECEPTICAL SYSTEMS		
2.00	APPLIANCE CIRCUIT	4	00
2.00	BRANCH CIRCUIT (OR BALLAST)		
4.00	BUSWAY SYSTEMS (EACH 100 FEET OR FRACTION)		
10.00	SIGN — (1) CCT. (OR BALLAST)		
2.00	FLASHERS, TIMERS, MOTORS		
10.00	TEMPORARY POWER SERVICE (FIRST POLE)		
2.00	TEMPORARY POWER SERVICE (EACH ADDITIONAL POLE)		
7.50	MISCELLANEOUS CONDUITS & CONDUCTORS		
5.00	WORKING PERMIT		
15.00	MAINTENANCE ELECTRICIAN — ANNUAL REGISTRATION		
45.00	EMERGENCY OR SPECIAL INSPECTIONS (PER HOUR)	4	—
20.00	PRIVATE SWIMMING POOL OR SPA SYSTEMS		
	Each POWER APPARATUS - RATED: H.P. - K.W. - K.V.A.	18	00
2.00	0 UP TO: 1 — 20.00 50 UP TO: 100	ENERGY	1 20
5.00	1 UP TO: 10 25.00 100 UP TO: 500		
15.00	10 UP TO: 50 30.00 OVER 500	TOTAL	19 20
	SERVICE (AND SUB-PANELS)		
12.50	UP TO 600 VOLTS AND 200 AMP.		
25.00	OVER 600 VOLTS AND 200 - 1000 AMP.		
50.00	OVER 600 VOLTS AND OVER 1000 AMP.		

PLAN CHECK FEE = ½ PERMIT FEE ENERGY FEE = 15% OF PERMIT FEE

ENERGY P.C. — NOV-17-80 3 [illegible] 1.2

PLAN CHECK —

PERMIT FEE — NOV-17-80 3 [illegible] 18.00



ADDRESS: 1977 Saturn.
JOB DESC. Electrical
MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT
OWNER Lloyd's Bank. PHONE
ADDRESS 1977 Saturn - CITY 926-0579
CONTRACTOR Kirkwood Electric Inc. PHONE
ADDRESS 12723 E. 166th St. - Cerritos CITY (C-10) 316398 STATE LIC. BUS. LIC. WORK COMP
☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR ☐ AUTHORIZED SIGNATURE
DATE 5-19-80 ISSUED BY
CHECK Check 59460
PERMIT NO. 014415
ENERGY FEE 178.38
PERMIT FEE 1189.20
TOTALS 1962.18
JOB FINAL

OUTLETS/SW		MOTORS		POWER POLE	
FIXTURES				SERVICES AMP.	
APPLIANCES				SIGNS	
				BRANCH CCT.	

See Attached Work Sheet

ENERGY P.C. — MAY-19-80
PERMIT FEE — JOB COPY MAY-19-80
MAY-19-80

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of plans and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7030) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class C 38 License No. 219077
5-31-82
Date 11-20-80 Contractor Philip Perez

Phil's Comm. Refrig.
CONTRACTOR (DBA) Phone
14020 Marquardt 8021629
ADDRESS Santa Fe Springs, Ca ZIP 90670

OWNER BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds improvements thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds improvements thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ____ B. & P. C. for this reason:

Date ____ Owner ____

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 1860, Lab. C.).

Policy No. 275 WC 69 92 Company Amer. Cas.
87

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 11-20-80 Applicant Philip Perez

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ____ Applicant ____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name ____

Lender's Address ____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Philip Perez 11/20/80
Signature of Owner or Contractor (AGENT) Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 Saturn

☐ DWLG ☐ APTS ☐ COMM ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
MECHANICAL — RECEIPT — PERMIT

PERMIT NO. 01319

OWNER LLoyds Bank of Calif. PHONE
ADDRESS PIN
CONTRACTOR PHONE
WORK COMP. 10-1-81 ISSUED BY
SPECIAL INSP DATE

	FURNACE B. T. U.	APPLIANCE VENT	FIREPLACE	EVAPORATIVE COOLER	WORK PERMIT
		AIR HANDLER C.F.M.	HOOD	POOL HEATER B. T. U.	
2	A. C. COMP. SIZE refrig.	VENTILATION 6 00	12.00		
under 3 hp	food strge.	VENT SYSTEM			
		DIFFUSERS REGISTERS	GAS VENT	GAS SYSTEM	
		FIRE DAMPERS		JOB FINAL	

10.00	Permit Issuance Fee.	ALL FEES ARE PER "EACH"	10.00
6.00	All Furnaces up to: 100M B. T. U. (w/Vent)		
10.00	All Furnaces OVER 100M B. T. U. (w/Vent)		
4.00	Appliance Vent (New, Replace, Relocate)		
5.00	Heater: Refrig.; Absorp. System/Unit (New/Alter)		
✓ 6.00	Comp./Boiler up to: 3 H.P./100M 2 compressors		12.00
12.00	Comp./Boiler OVER 3-15 H.P./OVER 100M - 500M		~~12.00~~ XXXX
20.00	Comp./Boiler OVER 15-30 H.P./OVER 500M - 1000M		
30.00	Comp./Boiler OVER 30-50 H.P./OVER 1000M - 1750M		
40.00	Comp./Boiler OVER 50 H.P./OVER 1750M		
5.00	Air Handler up to and including 10M C. F. M.		
10.00	Air Handler OVER 10M C. F. M.		
6.00	Evaporative Cooler (Permanent)		
4.00	Vent Fan (Single Duct); Vent System		
6.00	Appliance or Equipment Not Listed		
1.00	Diffusers (Supply and Return)		
4.00	Gas System 1-5 outlets)	PLAN CHECK FEE = ½ PERMIT FEE	
1.00	Gas System (6 or more outlets)	ENERGY FEE = 11% OF PERMIT FEE	
		ENERGY	3.30
		TOTAL	$25.30

ENERGY FEE — DEC-2-80 3 [illegible] 3.30
PLAN CHECK —
PERMIT FEE — DEC-2-80 3 [illegible] 22.00

PERMIT NO. 22.-
PLAN CHECK —
ENERGY FEE 3.30
TOTAL FEES 25.30

Additional on interior improvement, OK. PL

DECLARATIONS

The Declarations below are required by the State of California under Section 7031 of the Revenue and Taxation Code. The additional cost of adding any penalty assessed by these requirements can only be passed on to the applicant at time of application.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C10 License No. [redacted] 392955

Date 3-6-81 Contractor Kirkwood Electric

Kirkwood Electric Construction (213)926-0519

Contractor (DBA) Phone

13723 E. 166th St., Cerritos, CA 90703

Address City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P.C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

Date _____ Owner _____

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WP80046337 Company Indemnity Co. Fremont

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 3-6-81 Applicant [signature]

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Comp. provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X [signature] 3-6-81

Signature of Owner or Contractor ONLY Date

Owner Verified By | City Lic. Verified By [signature]

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by state limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

1977 Saturn, Monterey Park

☐ PLANS ☐ PLOT ☐ SOIL ☐ FILE ☐ BOND

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

PERMIT NO. 15060

Owner Lloyds Bank of California

Address 1977 Saturn

Contractor C. L. Peck Contractor

Work Comp. 8-1-81 Policy No. N.B.

Special Insp. Date 3-6-81

123	OUTLETS		SURFACE MOULDING			MOTORS H. P.		POWER POLE	WORK PERMIT
45	FIXTURES				17	1 H.P.		SERVICE AMPS.	
	SWITCHES		MISC. CONDUITS		5	10 H.P.			
						MOTORS H. P.		POOL OR SPA SYSTEM	
					1	45 KVA			
					1	000 KVA BRANCH CCT.		SIGNS	FLASHER TIMER
	APPLIANCES		TEMPORARY SYSTEM						
25	APPLIANCES CCT.							JOB FINAL 3-17-81 PL	

10.00	PERMIT ISSUANCE FEE		10.00
123 10	OUTLETS, RECEPTICALS, SWITCHES, LIGHT FIXTURES, HOLDERS		82.50
45 each	SOCKETS, POLE, PLATFORM, MERCURY VAPOR		22.50
5.00	TEMPORARY: FESTOON, RECEPTICAL SYSTEMS		50.00
2.00	APPLIANCE CIRCUIT		
3.00	BRANCH CIRCUIT (OR BALLAST)		
4.00	BUSWAY SYSTEMS (EACH 100 FEET OR FRACTION)		
10.00	SIGN — (1) CCT (OR BALLAST)		
2.00	FLASHERS, TIMERS, MOTORS		
10.00	TEMPORARY POWER SERVICE (FIRST POLE)		
2.00	TEMPORARY POWER SERVICE (EACH ADDITIONAL POLE)		
7.50	MISCELLANEOUS CONDUITS & CONDUCTORS		
5.00	WORK WITHOUT PERMIT		
15.00	MAINTENANCE ELECTRICIAN — ANNUAL REGISTRATION		
15.00	EMERGENCY OR SPECIAL INSPECTIONS (PER HOUR)		
30.00	PRIVATE SWIMMING POOL OR SPA SYSTEMS		94.00
Each	POWER APPARATUS - BATTERY H.P. - K.W. - K.V.A.		
2.00	0 UP TO: 1 [illegible] 25.00	25.00	
5.00	1 UP TO: 10 10.00	25.00	
10.00	10 UP TO: [illegible]		
	SERVICE (AND SUB-PANELS)		
12.50	UP TO [illegible] VOLTS AND [illegible] AMP.		
25.00	OVER [illegible] VOLTS AND [illegible] AMP.		
50.00	OVER [illegible] VOLTS AND OVER [illegible] AMP.		
PLAN CHECK FEE =	PERMIT FEE	ENERGY FEE = 10% OF PERMIT FEE	

ENERGY 35.85

TOTAL 274.85

ENERGY P.C. ——

PLAN CHECK ——

PERMIT FEE —— CHECK TL 274.85

DECLARATIONS

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C33 License No. 176064

Dated 2-2-81 Contractor So Calif Flagpole Mfg.

So Calif Flagpole Mfrs. 2578201
COMPANY (DBA) Phone
4551 York Blvd Los. 90065
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code): Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9 (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.): The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

Date _____ Owner _____

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 44315-80 Company State Fund

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date _____ Applicant _____

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor ONLY 1-12-81 Date

Owner Verified By | City Use Only By

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days after work is commenced, this permit shall become null and void and any permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT
320 West Newmark Ave., Monterey Park, California
BUILDING PERMIT APPLICATION

PERMIT NO. 12957

LEGAL DESCRIPTION LOT BLOCK TRACT
JOB ADDRESS 1917 Saturn ST
OWNER Lloyds Bank PHONE
ADDRESS 1917 Saturn CITY ZIP
ENGINEER Fox Engineering STATE LIC. 21543 PHONE
ARCH.-DESIGNER STATE LIC. PHONE
CONTRACTOR: So Calif Flagpole 2578201 PHONE

JOB DESCRIPTION: NEW X ADD DEMO FIRE
Install 30' exposed Aluminum Flagpole

BUILDING AREA GARAGE AREA SPKR SYS OTHER NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION: EXT. WALLS ROOF FLOOR

JOB ADDRESS 1917 Saturn
APPROVED
ENERGY ANALYSIS NA PLAN CHECK Tbin APPROVED

BUILDING PERMIT APPROVED Tom L DATE

NO. UNITS BEDROOMS/UNIT PARKS & RECREATION FEE
DEMO. DPL. ___ AMT. DUE $ ___
PARKING PLOT PLAN
VALIDATION OF PLOT PLAN SHOWS COMPLIANCE ONLY WITH THE ZONE REGULATIONS AS REQUIRED BY THE CITY CODE

LOT SIZE	B.20
	—
	12.00
	.50
	—
TOTALS	18.70
MAP NO.	
ZONE	
OCCUP. GROUP	
CONST. TYPE	
LOT SIZE	
AFFIDAVITS	
ENGINEERING	
PLANNING	
FIRE DEPT	
WORK COMP	3-31-81
FINAL INSPECTION	3-17-81 P.S.

JAN-12-81 380613 A-

DISBURSEMENTS USE ONLY
PLAN CHECK
ENERGY —
PLUMBING —
BUILDING — JAN-12-81 380613 A-
POWER —
HEATING — JAN-12-81 380613 A-
PLAN —
STORAGE —

DECLARATIONS

The Subscription herein was mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and postage applicable hereto caused by these requirements was only for payment as to the applicant or they are not obligated to bear the cost.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class 983 License No. 244236

Date 1-5-81 Contractor KITTOR CORPORATION

KITTOR CORPORATION	875-2820
CONTRACTOR (FIRM) 9939 Glenoaks Blvd.	Phone
Sun Valley, Calif. 91352	
ADDRESS City	Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exempt from the Contractor's License Law because I am employing only contractors with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ___ B. & P. C. for this reason:

Date ___ Owner ___

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.). State Comp. Ins. Fund

Policy No. 157589-81 Company

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety. Will send direct.

Date 1-5-81 Applicant KITTOR CORPORATION

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date ___ Applicant ___

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name ___

Lender's Address ___

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

1-5-81

Signature of Owner or Contractor ONLY Date

Owner Verified By	City Lic. Verified By

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

Job Address 1977 Belmont St., Monterey Park

☐ DWLG ☐ APTS ☒ COMM ☐ ALTER ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
MECHANICAL — RECEIPT — PERMIT

PERMIT NO. 01359

OWNER Lloyds Bank Calif. 613-2000

ADDRESS 612 S. Flower St., L.A. 90017

CONTRACTOR KITTOR CORPORATION 875-2820

WORK COMP State Comp. Ins. Fund

SPECIAL REQ'MTS

DATE 1-20-81

	FURNACE B. T. U.		APPLIANCE VENT		FIREPLACE	EVAPORATIVE COOLER	WORK PERMIT
			AIR HANDLER C F M.	2	HOOD	POOL HEATER B. T. U.	
	A. C. COMP. SIZE						
			VENT FAN				
			VENT SYSTEM				
			DIFFUSERS REGISTERS		GAS VENT	GAS SYSTEM	
			FIRE DAMPERS			JOB FINAL 3-17-81 PS	

X 10.00	Permit Issuance Fee.	ALL FEES ARE PER "EACH"	10 —
6.00	All Furnaces up to: 100M B. T. U. (w/Vent)		
10.00	All Furnaces OVER 100M B. T. U. (w/Vent)		
4.00	Appliance Vent (New, Replace, Relocate)		
6.00	Heater: Refrig.; Absorp. System/Unit (New/Alter)		
6.00	Comp./Boiler up to: 3 H.P./100M		
12.00	Comp./Boiler OVER 3-15 H.P./OVER 100M - 500M		
20.00	Comp./Boiler OVER 15-30 H.P./OVER 500M - 1000M		
30.00	Comp./Boiler OVER 30-50 H.P./OVER 1000M - 1750M		
40.00	Comp./Boiler OVER 50 H.P./OVER 1750M		
5.00	Air Handler up to and including 10M C. F. M.		
10.00	Air Handler OVER 10M C. F. M.		
6.00	Evaporative Cooler (Permanent)		
4.00	Vent Fan (Single Duct); Vent System		ENERGY 12.00
4 6.00	Appliance or Equipment Not Listed		
1.00	Diffusers (Supply and Return)		TOTAL
4.00	Gas System 1-5 outlets	X PLAN CHECK FEE = ½ PERMIT FEE ENERGY FEE = 12% OF PERMIT FEE	22.00
1.00	Gas System (6 or more outlets)		

ENERGY P.C. —

PLAN CHECK —

PERMIT FEE — JAN 21 81 501467

DECLARATIONS

The Declarations below are required by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Bus. & Professions Code and my license is in full force and effect.

License Class C-36 License No. 426603

Date 3-5-81 Contractor W.W. Price & Co. Inc.

W.W. PRICE & COMPANY 283-2121
CONTRACTOR (DBA) Phone
516 S. PALM, ALHAMBRA 91803
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code): Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

Date _____ Owner _____

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WCP 310859 Company ALLIANZ

☒ Certified copy is hereby furnished. ON FILE

☐ Certified copy is filed with the Department of Building & Safety.

Date 3-5-81 Applicant W.W. Price & Co. Inc.

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name NONE KNOWN

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of the City to enter upon the above-mentioned property for inspection purposes.

W.W. Price & Co. Inc. 3-5-81
Signature of Owner or Contractor (AGENT) Date

Owner Verified By: _____ City Lic. Verified By: _____

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

SUPPLEMENTARY - ORIGINAL PERMIT No. K4116

JOB ADDRESS: Lloyds Bank 1977 Garvey
McCaslin Plaza

☐ DWLG ☐ APTS ROOMS ☐ ALTR ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
PLUMBING — RECEIPT — PERMIT

PERMIT NO. 17554

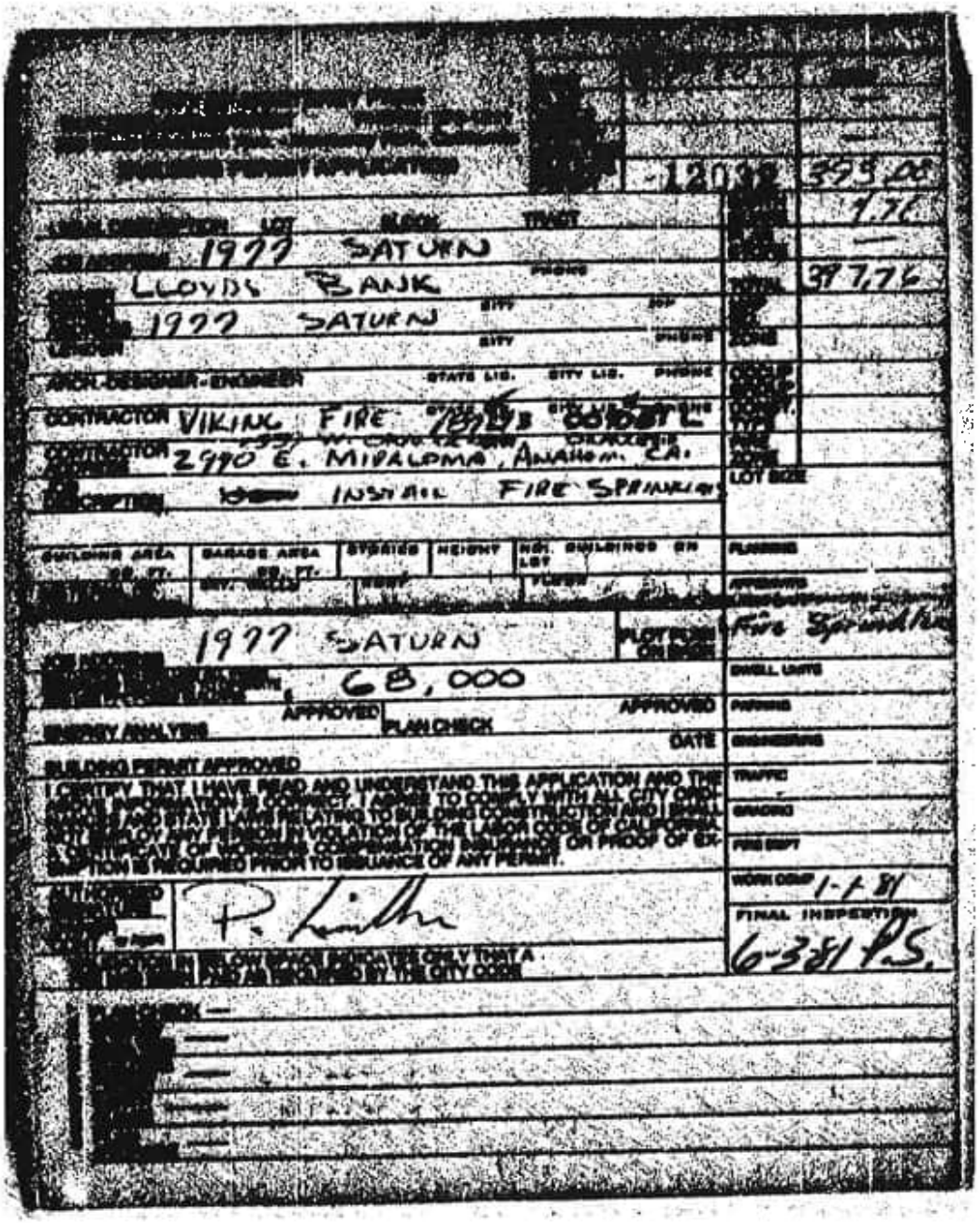
OWNER Lloyds Bank 1977 Garvey Ave.
ADDRESS McCaslin Plaza Monterey Park
CONTRACTOR W.W. Price & Co. Inc. Phone 283-2121
WORK COMP. Allianz Insurance Co. P.D.
SPECIAL INSP. DATE 2-5-81

7	TOILET	1	DISHWASHER		YARD SPRINKLER	7	P-TRAP		WORK PERMIT		
	TUB	2	DISPOSAL				POOL FILTER				
	SHOWER	1	WATER HEATER				POOL PIPING	1	DRINK FTN.		
6	SINK				SEWER CONN		POOL OR SPA SYSTEM		RAINWATER SYSTEM		
7	LAVATORY	3	BACK-FLO PREV		SEWER CAP						
	WASHER				SEWER EXT.		GAS SYSTEM				
1	URINAL	12	FLOOR SINK		SEWER SYSTEM		JOB FINAL 3-17-81 PS.				

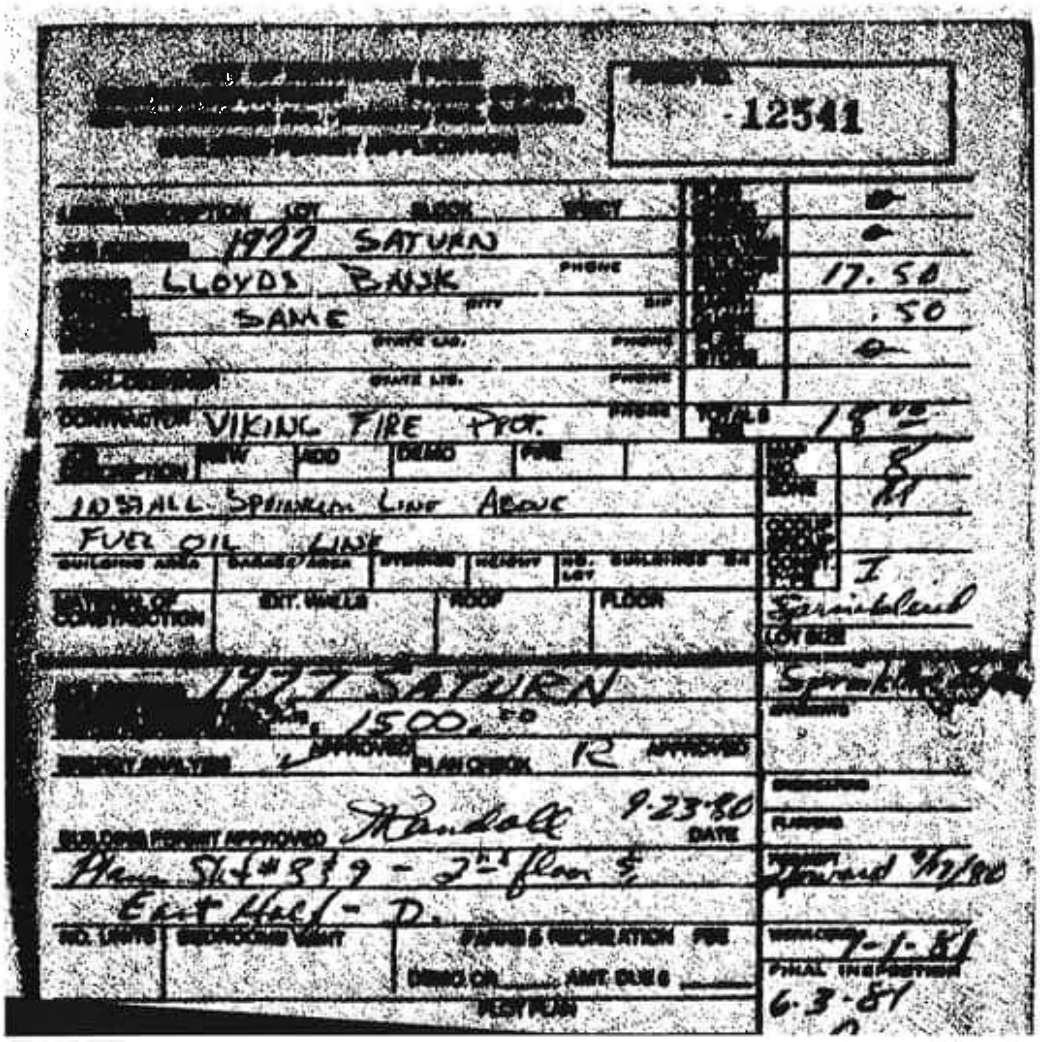
10.00	Permit Issuance Fee		10	00
4.00	Toilet; Urinal; Tub, Shower	8	32	00
4.00	Sink; Lavie; Laundry Tray; Floor Sink	35	140	00
4.00	Dishwasher; Clothes Washer; P-Trap	8	32	00
4.00	Drinking Fountain; Water Treatment Equipment	1	4	00
4.00	Install; Repair; Alter; Waterpiping; Water Heatr.	1	4	00
4.00	Install; Repair; Alter; Drain or Vent Piping			
4.00	Gas System or Backflow Preventers (1-5 outlets)	3	12	00
1.00	Gas System or Backflow Preventers (6 or more)			
4.00	Pool Filter System; Pool Water Piping			
4.00	Rainwater System Per Drain			
6.00	Yard Sprinkler System (per meter)			
8.00	Commercial Grease Trap; Industrial Waste Interceptor			
5.00	Sewer Cap; Sewer Extension; Trailer Park Trap		ENERGY 35	10
15.00	Sewer Connection to Main			
20.00	Sewer System (Private)		TOTAL	
20.00	Private Pool or Spa System		269	10

PLAN CHECK FEE = ½ PERMIT FEE ENERGY FEE = 10% OF PERMIT FEE

ENERGY P.C. — This permit covers restaurant and interior improvements
PLAN CHECK —
PERMIT FEE —



- 12098
329.00
1.76
—
330.76
1977 SATURN
LLOYDS BANK
1977 SATURN
VIKING FIRE
2990 E. MIRALOMA, ANAHEIM, CA.
INSTALL FIRE SPRINKLERS
1977 SATURN
68,000
Fire Sprinkler
APPROVED
PLAN CHECK
APPROVED
DATE
BUILDING PERMIT APPROVED
I CERTIFY THAT I HAVE READ AND UNDERSTAND THIS APPLICATION AND THE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY ORDINANCES AND STATE LAWS RELATING TO BUILDING CONSTRUCTION AND I SHALL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF CALIFORNIA. A CERTIFICATE OF WORKERS' COMPENSATION INSURANCE OR PROOF OF EXEMPTION IS REQUIRED PRIOR TO ISSUANCE OF ANY PERMIT.
P. Linthe
1-1-81
6-3-81 P.S.



12541

1977 SATURN

LLOYDS BANK

SAME

17.50

.50

0

VIKING FIRE PROT.

15.00

10" ALL SPRINKLER LINE ABOVE

FUEL OIL LINE

I

Sprinklered

1977 SATURN

1500 P.O.

APPROVED

R APPROVED

9-23-80

Heat Det #339 - 2nd floor S.

East Half - D.

Forward 9/17/80

7-1-81

6-3-81

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class C-16 License No. 187273

EXP Date ~~9-30-81~~ Contractor VIKING FIRE PROT.

VIKING FIRE PROT. 714 632-6905

CONTRACTOR (DBA) Phone

2[illegible] E. MIRALOMA ANAHEIM CA.

Address City Zip 92806

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9 (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt thereform and the basis for the alleged exemption. Any violation of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ____, B. & P. C. for this reason:

Date ____ Owner ____

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC 427-71-64 Company CROSBY & HENRY

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 9-23-80 Applicant P. Smith

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ____ Applicant ____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name ____

Lender's Address ____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X P. Smith 9-23-80

Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO. 12511

LEGAL DESCRIPTION	LOT	BLOCK	TRACT	PLAN CHECK	0
JOB ADDRESS	1977 SATURN			ENERGY ANALYSIS	0
OWNER	LLOYDS BANK		PHONE	BUILDING PERMIT	17.50
OWNER ADDRESS	SAME	CITY	ZIP	EARTH QUAKE	.50
ENGINEER		STATE LIC.	PHONE	PLAN STORE	0
ARCH.-DESIGNER		STATE LIC.	PHONE		
CONTRACTOR	VIKING FIRE PROT.		PHONE	TOTAL $ FEE	18.00

JOB DESCRIPTION	NEW	ADD	DEMO	FIRE	
INSTALL SPRINKLER LINE ABOVE FUEL OIL LINE					

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION	EXT. WALLS	ROOF	FLOOR

JOB ADDRESS 1977 SATURN

VALUATION TO INCLUDE ALL FIXED EQUIPMENT ALSO NOT TO OPERATE AND LOT PROPOSED BUILDING $ 1500.00

ENERGY ANALYSIS APPROVED PLAN CHECK R APPROVED

BUILDING PERMIT APPROVED M. Randall 9-23-80 DATE

Plan Sht #3 & 4 - 2nd floor & East Half - D.

NO. UNITS	BEDROOMS/UNIT	PARKS & RECREATION FEE
		DEMO CR____ AMT. DUE $ ____

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

MAP NO.	8
ZONE	M1
OCCUP GROUP	
CONST. TYPE	I Sprinklered
LOT SIZE	
AFFIDAVITS	
ENGINEERING	
PLANNING	
FIRE DEPT.	Approved 9/23/80
WORK COMP.	9-1-81
FINAL INSPECTION	

CASHIER'S USE ONLY

PLAN CHECK			
ENERGY ANALYSIS			
BUILDING PERMIT	SEP-23-80	371[illegible]	[illegible]
EARTH QUAKE	SEP-23-80	371[illegible]	[illegible]
PLAN STORAGE			

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C20 License No. 381440

Exp. Date 2/29/96 Signature of Contractor

Perfect Air Control
CONTRACTOR (D B A)

1815 Atlantic Ave Long Beach 90807
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date 5/23/95 Signature of Owner

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800 Lab. C.).

Policy No. W95 1113179 Company California Compensation

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 5/23/95 Applicant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

5/23/95
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS 1977 Saturn St

( ) DWLG ( ) APTS (X) COMM. (X) ALTNS ( ) REPAIR

MONTEREY PARK BUILDING DEPARTMENT

MECHANICAL--- RECEIPT -- PERMIT

PERMIT NO. 39407

OWNER Sanwa Bank - Calif. Phone 310 696-7815

Address 1977 Saturn St City Monterey Park

CONTRACTOR Perfect Air Control Phone 310 490-3700

Address 3815 Atlantic Ave City Long Beach

Work Comp. 1/01/96 Issued By WMB Date 5/23/95

	PERMIT FEE		90
	PLAN CHECK		
	PENALTY FEE		
	TOTAL FEES		90

Quantity			
	Permit Issuance Fee	$15.00	15.00
	Furnace or space heater: up to 100M B. T. U.	20.00	
	Furnace or space heater: over 100M B. T. U.	30.00	
	Compressor Boiler: up to 3 HP or 100M B. T. U.	20.00	
	over 3 HP or 100M B. T. U. up to 15 HP or 500M B.T.U.	25.00	
	over 15 HP or 500M B. T. U. up to 30 HP or 1000M B.T.U.	40.00	
	over 30 HP or 1000M B.T.U.	70.00	
	Absorption Units, Evaporative Coolers Each Work Related to Bpt 38758	25.00	
3	VAV Control Box	10.00	30
10	Diffusers or Registers, Each	3.00	30
1	Vent Fan, Residential Hood, Appliance Vents, Duct Extension or Alteration	15.00	15.00
	Commercial Hood including duct	50.00	
	Metal Fireplace with Chimney, Oil Fired Equipment, Storage Tanks, Dipping Tanks, Appliance or Equipment not listed.	20.00	
	Gas Outlets, Each	5.00	
	Plan check fee shall be equal to the permit fee, when plan check is required		
	FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.	Total	90

Permits are required for all new installation, replacement, or relocation of each item listed above.

JOB FINAL Jerry Rose

DATE 6-9-95

Cashier's Use

IMPORTANT

IF WORK AUTHORIZED BY THIS PERMIT IS NOT COMMENCED WITHIN ONE YEAR OF ISSUANCE DATE, OR IF WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER COMMENCEMENT THIS PERMIT SHALL BECOME NULL AND VOID BY TIME LIMITATION. THE WORK IS DEEMED SUSPENDED OR NOT COMMENCED IF THERE IS NO SIGNED INSPECTION RECORD ON JOB CARD.

CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Wilson Construction Company
Contractor's Business Name

13311-C Garden Grove Blvd. G.G. 92643
Business Address City Zip

License Class B/C10 License No 617078

Exp. 4-30-97 Signature of Contractor Gene Wilson

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch 9) (Commencing with Sect 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

—

— , as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.)

—

. . , as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law).

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

_____

Date _____ Signature of Owner _____

Owner Verified	City Lic. Verified

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have and will maintain a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance, as required by Sec. 3800 of Labor Code, for the performance of the work for which this permit is issued.

Policy No. 1256122 Company State Fund

Exp. Date 9-1-96 Signature of Applicant Gene Wilson

DECLARATION OF EXEMPTION

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 7-19-95 Signature of Applicant Gene Wilson

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

HAZARDOUS MATERIALS

I have read AQMD's Rule 1403 regarding asbestos emissions control and:

☐ I have submitted required notification to AQMD. A copy of the notification is hereby furnished.

☒ According to the Rule, notification is not required for this project.

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material exceeding the exempt amount:
☐ Yes ☐ No

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY AND STATE LAWS RELATING TO THE BUILDING CONSTRUCTION AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE MENTIONED PROPERTY FOR INSPECTION PURPOSES.

Gene Wilson 7-19-95
Signature of Owner or Contractor ONLY Date

CITY USE ONLY

PROJECT NO. 040314

PLAN CHECK FEES	
BUILDING 010-701-0010-0610	
ENERGY 010-701-0010-0610	
ACCESS 010-701-0010-0610	
ENGINEERING 010-701-0010-0610	
TRAFFIC 761-450-4212-0621	
FIRE DEPARTMENT 010-701-0010-0683	
PERMIT FEES	010-701-0010-0250
PERMIT	160
ENERGY	—
ACCESS	210
PENALTY	
OTHER FEES	
RECORDS 010-450-1703-0252	10
GENERAL PLAN 010-450-1703-0253	20
PARK FACILITIES 010-701-0730-0900	—
SAFETY IMPACT 010-701-0071-0357	—
EARTHQUAKE 010-701-0010-0320	210
	10
PAYMENT $	402

REMARKS:

RECEIVED/ ISSUED BY: _____ DATE 7/19/95

PERMIT FINALIZED BY: Paul Strand 12-1-95 DATE

P.C./ PERMIT: ☐ CANCELED ☐ EXPIRED

CITY OF MONTEREY PARK

BUILDING DIVISION 818 307 1300 Inspection 818-307-1279
320 West Newmark Avenue, Monterey Park, CA 91754-2896

BUILDING ☐ PLAN CHECK ☒ PERMIT

☒ Commercial ☐ Residential ☐ Sign Only ☐ Other:

JOB ADDRESS 1977 SATURN ST. Suite

OWNER SANWA BANK Phone (213) 727-3172

Address 1977 SATURN ST.

ARCH./ENGR. John Rublen & Associates Phone 213 641-4504

Address 8936 So. Sepulveda Blvd L.A.

CONTRACTOR Wilson Contruction Co. Phone (714) 748-1452

JOB DESCRIPTION ☐ NEW ☒ ADD/ALT ☐ REPAIR ☒ DEMO

Remove 30' Lin of non-bearing partition wall; Relocate Door on D-level.

Bldg. Area	Garage Area	Patio/Deck	Air Conditioning ☐ Yes ☐ No
Occup. Group	Type of Constr.	Roof	Fire Sprinkler ☐ Yes ☐ No
Zone	Conditions	Story	No. Units

Valuation $ 10,000

Building Div.	PJ 6/12/95	Water Div.	
Planning Div.	JA 6/12/95	Street Div.	
Engineering Div.		Park & Rec.	
Fire Prev. Bur.	JW 6/7/95	Licensing Div.	

CASHIER USE ONLY

Jul19/95 001#39946 CASH 1
BUILD PERMIT $370.00
Jul19/95 001#39946 CASH 1
PLAN ARCH FE $10.00
Jul19/95 001#39946 CASH 1
GEN PLAN REV $20.00
Jul19/95 001#39946 CASH 1
EARTHQUAKE $2.10

Rev. 02/01/95 WHITE & CARD Building, YELLOW Permittee, GREEN - Cashier

DECLARATION

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can be passed on to the applicant as they are not recoverable from the state.

CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Wilson Construction Company
Contractor's Business Name

3311-C Garden Grove Blvd GG.
Business Address City 92843 Zip

License Class B/C10 License No. 617078

Exp. Date 4-30-97 Signature of Contractor Dene Wilson

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason **(Sec. 7031.5 California Business and Professions Code: See Back).**

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale **(Sec. 7044, B. & P. C.: See Back).**

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project **(Sec. 7044, B. & P. C.: See Back).**

☐ I am exempt under Sec. _____ B & P. C. for this reason:

Date 7-19-95 Signature of Owner Dene Wilson

Owner Verified By:	City Lic. Verified By.

IMPORTANT

IF WORK AUTHORIZED BY THIS PERMIT IS NOT COMMENCED WITHIN ONE YEAR OF ISSUANCE DATE, OR IF WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS, THIS PERMIT SHALL BECOME NULL AND VOID BY TIME LIMITATION. THE WORK IS DEEMED SUSPENDED OR NOT COMMENCED IF THERE IS NO SIGNED INSPECTION RECORD ON JOB CARD.

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Workers Compensation Insurance (Sec. 3800 Labor Code)

Policy No. 12-56122 Company STATE FUND
Exp. Date 6-1-96 Signature of Applicant Dene Wilson

DECLARATION OF EXEMPTION

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 7-19-95 Signature of Applicant Dene Wilson

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

HAZARDOUS MATERIALS

I have read AQMD's Rule 1403 regarding asbestos emissions control and:

☐ I have submitted required notification to AQMD. A copy of the notification is hereby furnished.

☒ According to the Rule, notification is not required for this renovation project

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material exceeding the exempt amount: ☐ Yes ☐ No

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY AND STATE LAWS RELATING TO THE BUILDING CONSTRUCTION, AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES

Dene Wilson 7-19-95
Signature of Owner or Contractor ONLY Date

CITY OF MONTEREY PARK

BUILDING DIVISION Phone: (818) 307-1300
320 West Newmark Avenue, Monterey Park, CA 91754

ELECTRICAL ☒ PLAN CHECK ☒ PERMIT

☐ Commercial ☐ Residential ☐ New ☐ Add/Alter ☐ Repair

JOB ADDRESS 1977 SATURN ST.
OWNER SANWA BANK Phone (213) 727-3172
Address 1977 SATURN ST.
CONTRACTOR Wilson Construction Phone (714) 748 1452

FOR CITY USE ONLY

PROJECT NO.	040315
PLAN CHECK	17
PERMIT FEE	32
ADDTNL. P.C.	
PENALTY	1
TOTAL	49

QNT.		
	PERMIT ISSUANCE FEE	$ 15
	SERVICES 200 AMPS OR LESS AND UP TO 600 VOLTS	25
	201 TO 1000 AMPS AND UP TO 600 VOLTS	50
	OVER 1000 AMPS OR 600 VOLTS	100
	SUB-PANELS OR SWITCH BOARDS	15
17	(15) RECEPTACLE (2) SWITCHE ( ) JNCTN BOXE ( ) OTHER OUTLETS	17
	LIGHTING FIXTURES, SOCKETS OR OTHER LAMP-HOLDING DEVICES	1
	POWER APPARATUS: MOTORS, GENERATORS, TRANSFORMERS, HEATING/ COOLING SYSTEMS, COMMERCIAL COOKING OR BAKING EQUIPMENT, ETC. UP TO 1HP/KW/KVA	15
	OVER 1 UP TO 10 HP/KW/KVA	30
	OVER 10 UP TO 50 HP/KW/KVA	60
	OVER 50 HP/KW/KVA	90
	APPLIANCES NOT OVER 1HP: ( )DISHWASHER ( )WASTE GRINDER ( )CLOTHESWASHER ( )ELEC. CLOTHESDRYER ( )ELEC. RANGE/ COOK TOP ( )ELEC. OVEN ( )ROOM AIR-CONDITIONER ( )ROOM HEATER ( )ELEC. WATER HEATER ( )DRINKING FOUNTAIN ( )VENDING MACHINE ( )ICE MAKER ( )BEVERAGE CABINET ( )MEDICAL DEVICE	10
	SWIMMING POOL, SPA OR COMBINATION THEREOF	40
	TEMPORARY LIGHTING/ELEC. SYSTEM FOR FIRE WORK STAND, CARNIVAL, EXHIBITION, CHRISTMAS TREE LOT, ETC.	15
	ILLUMINATED SIGN, OUTLINE/FESTOON LIGHTING, EACH CIRCUIT	10
	PERMIT IS REQUIRED FOR NEW INSTALLATION, REPLACEMENT, OR RELOCATION OF ITEMS LISTED ABOVE.	TOTAL $ 32

ISSUED 7/19/95 DATE

FINAL INSPECTION APPROVAL 12-3-95 DATE

PERMIT ☐ CANCELED ☐ EXPIRED DATE

printed 12/07/99

CASHIER'S USE ONLY

7/19/95 001459946 CASH 1
PLAN CK FEES $17.00
001459946 CASH 1
ELECT PERMIT $32.00

DECLARATION

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can be passed on to the applicant as they are not recoverable from the state.

CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Charles E. Thomas
Contractor's Business Name

13701 S. Alma Ave Gardena 90249
Business Address City Zip

License Class ABC-10 HAZ License No. 302015

Exp. Date 11-30-95 Signature of Contractor Kimberly George

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason **(Sec. 7031.5 California Business and Professions Code: See Back).**

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale **(Sec. 7044, B. & P. C.: See Back).**

☐ I as owner of the property am exclusively contracting with licensed contractors to construct the project **(Sec. 7044, B. & P. C.: See Back).**

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

Date _____ Signature of Owner _____

Owner Verified By.	City Rec. Verified By.

IMPORTANT

IF WORK AUTHOHIZED BY THIS PERMIT IS NOT COMMENCED WITHIN ONE YEAR OF ISSUANCE DATE, OR IF WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS, THIS PERMIT SHALL BECOME NULL AND VOID BY TIME LIMITATION. THE WORK IS DEEMED SUSPENDED OR NOT COMMENCED IF THERE IS NO SIGNED INSPECTION RECORD ON JOB CARD.

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure or a certificate of Worker's Compensation Insurance (Sec. 3600 Labor Code).

Policy No. WM94-572019-02 Company Fremont

Exp. Date 10-01-95 Signature of Applicant Kimberly George

DECLARATION OF EXEMPTION

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date _____ Signature of Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

HAZARDOUS MATERIALS

I have read AQMD's Rule 1403 regarding asbestos emissions control and:

☐ I have submitted required notification to AQMD. A copy of the notification is hereby furnished.

☐ According to the Rule, notification is not required for this renovation project.

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material exceeding the exempt amount: ☐ Yes ☐ No

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY AND STATE LAWS RELATING TO THE BUILDING CONSTRUCTION AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES.

Kimberly George 9-1-95
Signature of Owner or Contractor ONLY Date

CITY OF MONTEREY PARK

BUILDING DIVISION Phone: (818) 307-1300
320 West Newmark Avenue, Monterey Park, CA 91754

ELECTRICAL ☐ PLAN CHECK ☒ PERMIT

☒ Commercial ☐ Residential ☐ New ☐ Add/Alter ☐ Repair

JOB ADDRESS 1977 Saturn St.

OWNER Sanwa Bank Phone (213) 727-3265

Address 1977 Saturn St.

CONTRACTOR Charles E Thomas Phone (310) 323-6730

FOR CITY USE ONLY

PROJECT NO. 040763

PLAN CHECK	
PERMIT FEE	41
ADDTNL. P.C.	
PENALTY	
TOTAL	41

QNT.			
	PERMIT ISSUANCE FEE	$15	15
1	SERVICES 200 AMPS OR LESS AND UP TO 600 VOLTS 200AMP	25	25
	201 TO 1000 AMPS AND UP TO 600 VOLTS	50	
	OVER 1000 AMPS OR 600 VOLTS	100	
	SUB-PANELS OR SWITCH BOARDS LEAK SENSOR JR	15	
	( )RECEPTACLE ( )SWITCHE ( )JNCTN BOXE (✓)OTHER OUTLETS	1	1
	LIGHTING FIXTURES, SOCKETS OR OTHER LAMP-HOLDING DEVICES	1	
	POWER APPARATUS: MOTORS, GENERATORS, TRANSFORMERS, HEATING/ COOLING SYSTEMS, COMMERCIAL COOKING OR BAKING EQUIPMENT, ETC.	15	
	UP TO 1HP/KW/KVA ~~LEAK SENSOR JR~~		
	OVER 1 UP TO 10 HP/KW/KVA	30	
	OVER 10 UP TO 50 HP/KW/KVA	60	
	OVER 50 HP/KW/KVA	90	
	APPLIANCES NOT OVER 1HP: ( )DISHWASHER ( )WASTE GRINDER ( )CLOTHESWASHER ( )ELEC. CLOTHESDRYER ( )ELEC. RANGE/ COOK TOP ( )ELEC. OVEN ( )ROOM AIR CONDITIONER ( )ROOM HEATER ( )ELEC. WATER HEATER ( )DRINKING FOUNTAIN ( )VENDING MACHINE ( )ICE MAKER ( )BEVERAGE CABINET ( )MEDICAL DEVICE	10	
	SWIMMING POOL SPA OR COMBINATION THEREOF	40	
	TEMPORARY LIGHTING/ELEC. SYSTEM FOR FIRE WORK STAND, CARNIVAL EXHIBITION, CHRISTMAS TREE LOT, ETC.	15	
	ILLUMINATED SIGN, OUTLINE/FESTOON LIGHTING, EACH CIRCUIT	15	
	PERMIT IS REQUIRED FOR NEW INSTALLATION, REPLACEMENT, OR RELOCATION OF ITEMS LISTED ABOVE.	TOTAL $	41

9/01/95
ISSUED DATE

Paul Strand 12-3-95
FINAL INSPECTION APPROVAL DATE

PERMIT ☐ CANCELED ☐ EXPIRED
DATE

printed 12/01/93

CASHIER'S USE ONLY

09/01/95 RECEIPT #0134579 CASH $41.00

IMPORTANT

IF WORK AUTHORIZED BY THIS PERMIT IS NOT COMMENCED WITHIN ONE YEAR OF ISSUANCE DATE, OR IF WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER COMMENCEMENT, THIS PERMIT SHALL BECOME NULL AND VOID BY TIME LIMITATION. THE WORK IS DEEMED SUSPENDED OR NOT COMMENCED IF THERE IS NO SIGNED INSPECTION RECORD ON JOB CARD.

CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Wilson Corporation CO.
Contractor's Business Name

13311-C Cimarron Gate Blvd Garden Grove 92643
Business Address City Zip

License Class B/C-10 License No. 617078

Exp. date 9-30-97 Signature of Contractor

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sect. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

Date 10-9-95 Signature of Owner

Owner Verified	City Lic. Verified

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have and will maintain a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance, as required by Sec. 3800 of Labor Code, for the performance of the work for which this permit is issued.

Policy No. 25-122 Company Statefund

Exp. Date 6-1-96 Signature of Applicant

DECLARATION OF EXEMPTION

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 10-9-95 Signature of Applicant

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

HAZARDOUS MATERIALS

I have read AQMD's Rule 1403 regarding asbestos emissions control and:

☐ I have submitted required notification to AQMD. A copy of the notification is hereby furnished.

☐ According to the Rule, notification is not required for this project.

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material exceeding the exempt amount? ☐ Yes ☐ No

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY AND STATE LAWS RELATING TO THE BUILDING CONSTRUCTION, AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES.

Signature of Owner or Contractor ONLY 10-9-95 Date

CITY USE ONLY

PROJECT NO. 41047

PLAN CHECK FEES	
BUILDING 010-701-0010-0610	65
ENERGY 010-701-0010-0610	PC Paid 6/30/95
ACCESS 010-701-0010-0610	
ENGINEERING 010-701-0010-0670	
TRAFFIC 784-450-4212-0621	
FIRE DEPARTMENT 010-701-0010-0633	60
PERMIT FEES	010-701-0010-0250
PERMIT	310
ENERGY	175
ACCESS	175
PENALTY	
OTHER FEES	
RECORDS 010-450-1703-0252	30
GENERAL PLAN 010-450-1703-0253	60
PARK FACILITIES 070-701-0700-0503	/
SAFETY IMPACT 071-701-0071-0357	6 30
EARTHQUAKE 010-701-0010-0920	
	8/6 30
PAYMENT $	

REMARKS:

RECEIVED/ ISSUED BY: DATE 10/04/95

PERMIT FINALIZED BY: Paul Strand 12-3-95 DATE

P.C./ PERMIT ☐ CANCELED ☐ EXPIRED

CITY OF MONTEREY PARK

BUILDING DIVISION 818-307-1300 Inspection 818-307-1229
320 West Newmark Avenue, Monterey Park, CA 91754-2896

BUILDING ☐ PLAN CHECK ☒ PERMIT

☒ Commercial ☐ Residential ☐ Sign Only ☐ Other:

JOB ADDRESS 1977 Saturn St. Suite/ Level B.

OWNER SANWA BANK CALIF. Phone ( )

Address

ARCH./ENGR. Phone ( )

Address

CONTRACTOR Phone ( )

JOB DESCRIPTION ☐ NEW ☒ ADD/ALT ☐ REPAIR ☐ DEMO

T. I. "B" LEVEL FOR WIRE TRANSFER ROOM.

Bldg. Area 4194	Garage Area	Patio/Deck	Air Conditioning ☐ Yes ☐ No
Occup. Group 1	Type of Constr.	Floor	Fire Sprinkler ☐ Yes ☐ No
Zone	Conditions	Story	No. Units
Valuation $ 30,000			
Building Div.		Water Div.	
Planning Div.		Street Div.	
Engineering Div.		Park & Rec.	
Fire Prev. Div.		Licensing Div.	

CASHIER USE ONLY

Rev. 02/01/95 WHITE & CARD - Building; YELLOW - Permittee GREEN - Cashier

DECLARATION

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can be passed on to the applicant as they are not recoverable from the state.

CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Wilson Const. Co.
Contractor's Business Name

1331-C Commerce Drive Blvd 6 CA 92823
Business Address City Zip

License Class BK-10 License No. 617678

Exp. Date 4-30-97 Signature of Contractor

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason **[Sec. 7031.5 California Business and Professions Code: See Back)**.

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale **(Sec. 7044, B. & P. C.: See Back)**.

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project **(Sec. 7044, B. & P. C.: See Back)**.

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

Date 10-4-95 Signature of Owner

Owner Verified By:	City Lic Verified By.

IMPORTANT

IF WORK AUTHORIZED BY THIS PERMIT IS NOT COMMENCED WITHIN ONE YEAR OF ISSUANCE DATE, OR IF WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS, THIS PERMIT SHALL BECOME NULL AND VOID BY TIME LIMITATION. THE WORK IS DEEMED SUSPENDED OR NOT COMMENCED IF THERE IS NO SIGNED INSPECTION RECORD ON JOB CARD.

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance (Sec. 3800 Labor Code).

Policy No. 1256122 Company STATE FUND

Exp. Date 6-1-96 Signature of Applicant

DECLARATION OF EXEMPTION

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 10-4-95 Signature of Applicant

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.)

Lender's Name _____

Lender's Address _____

HAZARDOUS MATERIALS

I have read AQMD's Rule 1403 regarding asbestos emissions control and.

☐ I have submitted required notification to AQMD. A copy of the notification is hereby furnished.

☐ According to the Rule, notification is not required for this renovation project.

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material exceeding the exempt amount: ☐ Yes ☐ No

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY AND STATE LAWS RELATING TO THE BUILDING CONSTRUCTION, AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES.

10-9-95
Signature of Owner or Contractor ONLY Date

CITY OF MONTEREY PARK

BUILDING DIVISION Phone: (818) 307-1300
320 West Newmark Avenue, Monterey Park, CA 91754

ELECTRICAL ☐ PLAN CHECK ☒ PERMIT

FOR CITY USE ONLY

PROJECT NO. 041046

☒ Commercial ☐ Residential ☐ New ☐ Add/Alter ☐ Repair

JOB ADDRESS 1977 SATURN ST.

OWNER SANWA BANK Phone (213) 727-3172

Address 1977 SATURN ST

CONTRACTOR Wilson Const. Co. Phone (714) 778-1452

PLAN CHECK	15.-
PERMIT FEE	
ADDTNL. P.C.	
PENALTY	
TOTAL	15.-

QNT.			
	PERMIT ISSUANCE FEE	$15	15
1	SERVICES 200 AMPS OR LESS AND UP TO 600 VOLTS UPGRADE	25	25
	201 TO 1000 AMPS AND UP TO 600 VOLTS	50	
	OVER 1000 AMPS OR 600 VOLTS	100	
	SUB-PANELS OR SWITCH BOARDS	15	
82	(78) RECEPTACLE (4) SWITCHE ( ) JNCTN BOXE ( ) OTHER OUTLETS	1	82.-
29	LIGHTING FIXTURES, SOCKETS OR OTHER LAMP-HOLDING DEVICES	1	29.-
	POWER APPARATUS: MOTORS, GENERATORS, TRANSFORMERS, HEATING/ COOLING SYSTEMS, COMMERCIAL COOKING OR BAKING EQUIPMENT, ETC. UP TO 1HP/KW/KVA	15	
	OVER 1 UP TO 10 HP/KW/KVA	30	
	OVER 10 UP TO 50 HP/KW/KVA	60	
	OVER 50 HP/KW/KVA	90	
	APPLIANCES NOT OVER 1HP: ( ) DISHWASHER ( ) WASTE GRINDER ( ) CLOTHESWASHER ( ) ELEC. CLOTHESDRYER ( ) ELEC. RANGE/ COOK TOP ( ) ELEC. OVEN ( ) ROOM AIR-CONDITIONER ( ) ROOM HEATER ( ) ELEC. WATER HEATER ( ) DRINKING FOUNTAIN ( ) VENDING MACHINE ( ) ICE MAKER ( ) BEVERAGE CABINET ( ) MEDICAL DEVICE	10	
	SWIMMING POOL, SPA OR COMBINATION THEREOF	40	
	TEMPORARY LIGHTING/ELEC SYSTEM FOR FIRE WORK STAND, CARNIVAL, EXHIBITION CHRISTMAS TREE LOT, ETC.	15	
	ILLUMINATED SIGN, OUTLINE/FESTOON LIGHTING, EACH CIRCUIT	15	
	PERMIT IS REQUIRED FOR NEW INSTALLATION, REPLACEMENT, OR RELOCATION OF ITEMS LISTED ABOVE.	TOTAL $	51.-

10/04/95
ISSUED DATE

Paul Strand 12-1-95
FINAL INSPECTION APPROVAL DATE

PERMIT ☐ CANCELED ☐ EXPIRED
DATE

printed 12/07/93

10/5 OK #4554 VISA
EXP. 12/97

CASHIER'S USE ONLY

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C20 License No. 629529

Exp. Date 9/97 Signature of Contractor Steve Katt

MAN AIR

CONTRACTOR (D B A)

19215 INGOMAR ST RESEDA 91335

ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code. Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. ..... Company .....

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date ..... Applicant .....

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 10/10/95 Applicant Steve Katt

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Steve Katt 10/10/95

Signature of Owner or Contractor ONLY Date

Owner Verified By:

City Lic. Verified By: MR

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is superded or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit for no more than 180 days.

JOB ADDRESS 1977 SATURN

( ) DWLG ( ) APTS (X) COMM. (X) ALTNS ( ) REPAIR

MONTEREY PARK BUILDING DEPARTMENT

MECHANICAL--- RECEIPT --- PERMIT

PERMIT NO. 41100

41100

OWNER SANWA BANK Phone

Address 1977 SATURN City MONTEREY PARK

CONTRACTOR MAN-AIR Phone 818 772 2946

Address 19215 INGOMAR City RESEDA

Work Comp. Issued By [illegible] Date 10/10/95

	PERMIT FEE	69
	PLAN CHECK	Pd
	PENALTY FEE	
	TOTAL FEES	69

Quantity			
	Permit Issuance Fee	$15.00	15
	Furnace or space heater: up to 100M B. T. U.	20.00	
	Furnace or space heater: over 100M B. T. U.	30.00	
	Compressor Boiler: up to 3 HP or 100M B. T. U.	20.00	
	over 3 HP or 100M B. T. U. up to 15 HP or 500M B.T.U.	25.00	
	over 15 HP or 500M B. T. U. up to 30 HP or 1000M B.T.U.	40.00	
	over 30 HP or 1000M B.T.U.	70.00	
	Absorption Units, Evaporative Coolers Each	25.00	
3	VAV Control Box	10.00	30
8	Diffusers or Registers, Each	3.00	24
	Vent Fan, Residential Hood, Appliance Vents, Duct Extension or Alteration	15.00	
	Commercial Hood including duct	50.00	
	Metal Fireplace with Chimney, Oil Fired Equipment, Storage Tanks, Dipping Tanks, Appliance or Equipment not listed.	20.00	
	Gas Outlets, Each	5.00	
	Plan check fee shall be equal to the permit fee, when plan check is required		
	FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.	Total	69

Permits are required for all new installation, replacement, or relocation of each item listed above.

JOB FINAL Paul Strand

DATE 12-3-95

Cashier's Use

Certificate of Occupancy

CITY OF MONTEREY PARK

320 West Newmark Avenue, Monterey Park, California 91754 Tel: (626) 307-1300

This Certificate issued pursuant to the requirements of Chapter 16.01.040, Section 110 of the City of Monterey Park Municipal Code certifying that at the time of issuance this structure was in compliance with the various ordinances of the City regulating building occupancy and use, for the following:

Business Name Bank of the West						**Business Phone** (323) 727-3017
Address of Building / Structure	1977 Saturn St. Monterey Park, CA 91754					
Description of Area Occupied						**Square Footage Occupied** 205,628
Name of Owner:	1977 Saturn LLC					**Owner Phone** (323) 727-3017
Owner Address:	1977 Saturn St. Monterey Park, CA 91754					
BUILDING DIVISION						
Permit #	N/A	**Occupancy Group**	B	**Type of Construction**	I-A	**Sprinklers** Yes ☒ No ☐
Use Description	Administrative Office			**Code:** 2010 CBC	**Design Occupant Load:**	
Use Zone: O-P	**CUP:** N/A					**Variance:** N/A

Conditions and/or Limitations:

Certificate Number: 00526

Date Issued: 11/08/2012

CITY OF MONTEREY PARK CALIFORNIA

Building Official

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B19-0422

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area:

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued: **03/11/2020**
Permit Expires: **11/01/2021**
Status: **Final**
Application Type: **Non-Residential**

Applicant:
717 OHMS WAY

COSTA MESA, CA 92627
Phone: :(714) 720-6828

Architect:

Phone:
License:

Contractor: **RICHARD VINCENT CORTES**
717 OHMS WAY

COSTA MESA, CA 92627
Phone: :(714) 720-6828
License: 305760

Owner: **1977 SATURN LLC**
10900 4TH ST NE UNIT 500

BELLEVUE, WA 98004
Phone:

Valuation: **$350,000.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Occupancy Classification:
Type of Construction:

Work Description:
REPLACE GENERATOR

Total Fees:	**$10,943.28**
Paid Amount:	**$10,943.28**
Balance:	**$0.00**

UNIT BREAKDOWN FOR B19-0422

1.00	Sub-panel or Switchboard
1.00	Power Apparatus (Over 50 HP)
1.00	Sub-panel or Switchboard
1.00	Power Apparatus (Over 50 HP)
1.00	Sub-panel or Switchboard
1.00	Power Apparatus (Over 50 HP)

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B21-0106

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area:

Job Address: **1977 SATURN ST LEVELC**

APN: **5265026054**

Permit Issued: **04/05/2021**
Permit Expires: **11/16/2021**
Status: **Expired Permit**
Application Type: **Non-Residential**

Applicant:

Phone:

Architect:

Phone:
License:

Contractor: **ESPLANADE BUILDERS INC.**
JULIAN ALONSO
23820 HAWTHORNE BLVD. STE 100/101
Phone: 310 783 7664
License: 831964

Owner: **1977 SATURN LLC**
10900 4TH ST NE UNIT 500
BELLEVUE, WA 98004
Phone:

Valuation: **$148,880.05**
Project Floor Area:
Stories:

Fire Sprinklers:
Occupancy Classification:
Type of Construction:

Work Description:
INTERIOR DEMO NOT FOR OCCUPANCY
45,066 SQ. FT. OF TOTAL AREA FOR LEVEL C TO REPLACE B18-1060

Total Fees:	**$5,046.45**
Paid Amount:	**$5,046.45**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B21-0105

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area:

Job Address: **1977 SATURN ST LEVEL A**

APN: **5265026054**

Permit Issued: **04/05/2021**
Permit Expires: **11/16/2021**
Status: **Expired Permit**
Application Type: **Non-Residential**

Applicant:

Phone:

Architect:

Phone:
License:

Contractor: **ESPLANADE BUILDERS INC.**
JULIAN ALONSO
23820 HAWTHORNE BLVD. STE 100/101
Phone: 310 783 7664
License: 831964

Owner: **1977 SATURN LLC**
10900 4TH ST NE UNIT 500
BELLEVUE, WA 98004
Phone:

Valuation: **$21,785.26**
Project Floor Area:
Stories:

Fire Sprinklers:
Occupancy Classification:
Type of Construction:

Work Description:
INTERIOR DEMO NOT FOR OCCUPANCY
6594 SQ. FT. OF TOTAL AREA FOR LEVEL A TO REPLACE B18-1059

Total Fees:	**$1,272.83**
Paid Amount:	**$1,272.83**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

MECH030042

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **CAL-AIR INC**
MIDDLETON, C S CEO
12393 SLAUSON AVE
WHITTIER, CA 90606
Phone: 562 698-8301

Architect:
Phone:
License:

Contractor: **CAL-AIR INC**
MIDDLETON C S CEO
12393 SLAUSON AVE
WHITTIER, CA 90606
Phone: 562 698-8301
License: 137195

Owner: **SANWA BANK**
Phone: 213-727-6357

Valuation: **$0.00**
Project Floor Area:
Stories

Fire Sprinklers:
Air Conditioning:

Work Description:
MECH FOR OFFICE T.I.

Total Fees:	**$415.00**
Paid Amount:	**$415.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

ELEC030075

Alteration-Repair

Inspection Hotline: (626) 307-1229
Inspector Area: 02

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539 8956

Architect:
Phone
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956
License: 617078

Owner: **SANWA BANK**
Phone: 213 727 6357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
ELEC FOR BANK OFFICES T.I.

Total Fees:	**$93.00**
Paid Amount:	**$93.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

ELEC030074

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **04**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956

Architect:
Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956
License: 617078

Owner: **SANWA BANK**
Phone: 213-727-8357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
ELEC FOR OFFICE T.I.

Total Fees:	**$131.00**
Paid Amount:	**$131.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

COMB030065

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **SHLEMMER+KAMUS+ALGAZE**

Phone: 310 553-3252

Architect:

Phone:
License

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956
License: 617078

Owner: **SANWA BANK**

Phone: 213-727-6357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers
Air Conditioning: **Y**

Work Description:
T.I. **FOR OFFICES OF CORPORATE SECURITY FOR BANK OFTHE WEST; N.B.PARTITION WALLS; T-BAR CEILING & LTG**

Total Fees:	**$692.85**
Paid Amount:	**$692.85**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

BLDG030094

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Expired Permit**
Application Type: **Non-Residential**

Applicant: **SHLEMMER+KAMUS+ALGAZE**
9911 WEST PICO BLVD, #400
LOS ANGELES CA 90035
Phone: 310 553-3252

Architect
Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12352 GARDEN GROVE BLVD
Phone: 714 539-8956
License: 617078

Owner: **SANWA BANK**
Phone:

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning **Y**

Work Description:
T.I. ALTERATIONS FOR (E)OFFICE AREA. INCLUDING (N)N.B.PARTITION WALLS & T-BAR CEILING; TILES & LTG.

Total Fees:	**$1,757.60**
Paid Amount:	**$1,757.60**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

BLDG030093

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **SHLEMMER+KAMUS+ALGAZE**
8911 WEST PICO BLVD. #400

LOS ANGELES, CA 90035
Phone: 310 553-3252

Architect:

Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956
License: 517078

Owner: **SANWA BANK**

Phone: 213-727-8357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning: **Y**

Work Description:
T.I. ALTERATIONS FOR (E)OFFICE AREA. INCLUDING (N)N.B.PARTITION WALLS & T-BAR CEILING; TILES & LTG.

Total Fees:	**$1,207.35**
Paid Amount:	**$1,207.35**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

MECH030018

Alteration-Repair

Inspection Hotline: (626) 307-1229
Inspector Area: 02

Job Address: 1977 SATURN ST

APN: 5265026054

Permit Issued:
Permit Expires:
Status: Final
Application Type: Non-Residential

Applicant: CAL-AIR INC
MIDDLETON, C S CEO
12393 SLAUSON AVE
WHITTIER CA 90606
Phone: 562 698-8301

Architect:
Phone:
License:

Contractor: CAL-AIR INC
MIDDLETON, C S CEO
12393 SLAUSON AVE
WHITTIER CA 90606
Phone: 562 698-8301
License: 137195

Owner: SANWA BANK
Phone: 213 727-6357

Valuation: $0.00
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
MECH T.I. FOR DOCUMENT CENTER RELATED TO B030005

Total Fees:	$111.00
Paid Amount:	$111.00
Balance:	$0.00

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

ELEC030027

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone 714 539-8956

Architect:

Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone 714 539-8956
License 617078

Owner **SANWA BANK**

Phone: 213-727-6357

Valuation **$0.00**
Project Floor Area
Stories:

Fire Sprinklers:
Air Conditioning

Work Description:
ELEC WORK FOR T.I.

Total Fees:	**$99.00**
Paid Amount:	**$99.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

BLDG030005

Alteration-Repair

Inspection Hotline: **(626) 307-1228**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant **SHLEMMER+KAMUS+ALAZE**
9911 W PICO BLVD, #400

LOS ANGELES, CA 90035
Phone 310 553 3252

Architect:

Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON BOB J II PRES
12382 GARDEN GROVE BLVD
Phone. 714 539-8956
License: 617078

Owner: **SANWA BANK**

Phone: 213-727-6357

Valuation: **$0.00**
Project Floor Area:
Stories.

Fire Sprinklers:
Air Conditioning: **Y**

Work Description:
T.I. FOR (E) DOCUMENT CENTER OF BANK. SEPARATE. RUSH SERVICE.

AFFECTED AREA: 2,584 SF. ELEC & MECH,

Total Fees:	**$2,807.81**
Paid Amount:	**$2,807.81**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

ELEC010173

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant **SIERRA GROUP**
560 RIVERDALE DR

GLENDALE CA 91204
Phone 818 637 2888

Architect:

Phone:
License:

Contractor **SIERRA GROUP**
560 RIVERDALE DR

GLENDALE, CA 91204
Phone 818 637-2888
License 749452

Owner. **SANWA BANK**

Phone 213-727-6357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers
Air Conditioning:

Work Description:
ELECTRICAL FIXTURES & ALTERATIONS FOR OFFICE T.I.

Total Fees:	**$51.00**
Paid Amount:	**$51.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

MECH010113

Alteration-Repair

Inspection Hotline: (626) 307-1229
Inspector Area: 02

Job Address: 1977 SATURN ST

APN: 5265026054

Permit Issued:
Permit Expires:
Status: Final
Application Type: Non-Residential

Applicant: AIR MECHANICAL INC
TODORA, TONY PRES
14208 S TOWNE AVE
LOS ANGELES, CA 90061
Phone: 310-538-4750

Architect:
Phone:
License:

Contractor: AIR MECHANICAL INC
TODORA, TONY PRES
14208 S TOWNE AVE
LOS ANGELES, CA 90061
Phone 310-538-4750
License 372794

Owner: SANWA BANK
Phone 213-727-6357

Valuation $0.00
Project Floor Area
Stories.

Fire Sprinklers
Air Conditioning.

Work Description:
MECH EQUIPMENT FOR BANK OFFICE T.I.

Total Fees:	**$99.00**
Paid Amount:	**$99.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

ELEC010163

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956

Architect:

Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956
License: 617078

Owner: **SANWA BANK**

Phone: 213-727-8357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
ELECTRICAL ALTERATIONS FOR BANK OFFICE T.I.

Total Fees:	**$59.00**
Paid Amount:	**$59.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

BLDG010240
Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **SIERRA GROUP**

Phone: 818 637-2688

Architect:

Phone:
License:

Contractor: **SIERRA GROUP**
560 R VERDALE DR

GLENDALE, CA 91204
Phone: 818 637-2688
License: 749452

Owner: **SANWA BANK**

Phone: 213-727-6357

Valuation: **$55,200.00**
Project Floor Area:
Stories

Fire Sprinklers:
Air Conditioning **Y**

Work Description:
T.I. FOR PRINT SHOP INCLUDING T-BAR CEILING & NON-BEARING PARTITION WALLS. E/M/P SEPARATE PC/PERMITS

Total Fees:	**$1,018.60**
Paid Amount:	**$1,018.60**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

ELEC010032

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area:

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Residential**

Applicant: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J E PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956

Architect:

Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J E PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956
License: 677078

Owner: **SANWA BANK**

Phone: 213-727-6357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description
ELECTRICAL FIXTURES

Total Fees:	**$30.00**
Paid Amount:	**$30.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

BLDG010039

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area:

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **JOHN RUHLEN, PRESIDENT**
8936 SOUTH SEPULVEDA BLVD.
#204

Phone: 310-641-4504

Architect:

Phone:
License:

Contractor:

Phone:
License:

Owner: **SANWA BANK**

Phone: 213-727-6357

Valuation: **$97,720.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning: **Y**

Work Description:
INTERIOR ALTERATION FOR SANWA BANK

Total Fees:	**$1,278.84**
Paid Amount:	**$1,278.84**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

BLDG000099

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **04**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **WILSON CONSTRUCTION COMPANY**
12382 GARDENGROVE BLVD

Phone: 714 539-8956

Architect:

Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone 714 539-8956
License 517078

Owner: **SANWA BANK**

Phone 213-727-6357

Valuation **$17,360.00**
Project Floor Area
Stories:

Fire Sprinklers
Air Conditioning: **Y**

Work Description:
ENLARGE PHOTO ROOM & GUARD STATION ON "B" LEVEL RENEWAL-06/06/01 SH

Total Fees:	**$607.86**
Paid Amount:	**$607.86**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

ELEC990065

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **03**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539 8956

Architect:
Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956
License: 817075

Owner: **SANWA BANK**
Phone: 213-727-6357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
ELECTRICAL ALTERATIONS FOR UNISEX BATH

Total Fees:	**$27.00**
Paid Amount:	**$27.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

PLMB980171

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area:

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **JOHN RUHLEN**
8936 SO. SEPULVEDA BLVD #204
LOS ANGELES, CA 90045
Phone: 310-641-4504

Architect
Phone:
License:

Contractor: **BASS & SONS PLUMBING**
10041 BONSEL AVE
GARDEN GROVE
GARDEN GROVE, CA 92840
Phone: 714 534-5403
License: 270215

Owner: **SANWA BANK**
Phone: 213-727-6357

Valuation **$0.00**
Project Floor Area
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
PLMBING ALTERATIONS/FIXTURES FOR BANK T.I.

Total Fees:	**$75.00**
Paid Amount:	**$75.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

BLDG980597
Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **03**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **JOHN RUHLEN**
8936 SO. SEPULVEDA BLVD #204
LOS ANGELES, CA 90045
Phone: 310-641-4504

Architect:
Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB JR PRES
12382 GARDEN GROVE BLVD
Phone: 714-539-8956
License: 617078

Owner: **SANWA BANK**
Phone: 213-727-8357

Valuation: **$7,140.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning: **Y**

Work Description:
T.I. ALTERATIONS TO SANWA BANK A-LEVEL VAULT AREA- UNISEX TOILET & STORAGE ROOM.

Total Fees:	**$411.46**
Paid Amount:	**$411.46**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

ELEC980232

Alteration-Repair

Inspection Hotline. **(626) 307-1229**
Inspector Area: **03**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Issued**
Application Type: **Non-Residential**

Applicant. **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956

Architect:
Phone.
License

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956
License: 617078

Owner: **SANWA BANK**
Phone: 213-727-6357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning

Work Description:
EELEC. ALTERATIONS FOR SANWA BANK T.I.

Total Fees:	**$35.00**
Paid Amount:	**$115.00**
Balance:	**$-80.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

BLDG980473

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **03**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **JOHN RUHLEN (ARCHITECT)**
8936 S SEPULVEDA BLVD #204

LOS ANGELES, CA 90045
Phone: 310 641-4504

Architect:

Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON BOB J II PRES
12352 GARDEN GROVE BLVD
Phone: 714 539-8956
License: 617078

Owner: **SANWA BANK**

Phone: 213-727-6357

Valuation: **$97,850.00**
Project Floor Area:
Stories

Fire Sprinklers:
Air Conditioning **Y**

Work Description:
T.I. ALTERATIONS FOR SANWA BANK

Total Fees:	**$1,416.73**
Paid Amount:	**$1,416.73**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

COMB970110

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **03**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **JOHN RUHLEN & ASSOC.**
8936 S SEPULVEDIA BLVD#204

LOS ANGELES, CA 90045
Phone: 310-641-4504

Architect:

Phone:
License:

Contractor:

Phone:
License:

Owner: **SANWA BANK**

Phone: 213-727-6357

Valuation: **$44,080.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning: y

Work Description:
T.I;ADD OFFICE;ADD NB WALL TO ENCLOSE FILE RM

Total Fees:	**$1,101.75**
Paid Amount:	**$886.75**
Balance:	**$215.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

ELEC970007

Alteration-Repair

Inspection Hotline (626) 307-1229
Inspector Area 02

Job Address: **1977 SATURN ST**

APN. **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
13311 GARDEN GROVE BLVD #C
Phone

Architect:
Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
13311 GARDEN GROVE BLVD #C
Phone:
License: 617078

Owner: **LLOYDS BANK CALIFORNIA**
PO BOX 54138
LOS ANGELES, CA 90054-0138
Phone:

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
ELEC ALTERATIONS PER T.I.

Total Fees:	**$57.00**
Paid Amount:	**$57.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

BLDG960162

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **03**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant **WILSON CONST. CO**

Phone 714 748 1452

Architect:

Phone:
License:

Contractor **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
13311 GARDEN GROVE BLVD #C
Phone 714-748-1452
License 517078

Owner. **SANWA BANK OF CALIFORNIA**
1977 SATURN ST
MONTEREY PARK CA 91755
Phone

Valuation **$0.00**
Project Floor Area
Stories.

Fire Sprinklers
Air Conditioning: **Y**

Work Description:
T.I.;C-LEVEL

Total Fees:	**$552.10**
Paid Amount:	**$552.10**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

BLDG960161

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area **03**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **WILSON CONST CO**

Phone: 714-748-1452

Architect:

Phone:
License:

Contractor **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
13311 GARDEN GROVE BLVD #C
Phone 714-748 1452
License 517078

Owner: **SANWA BANK OF CALIFORNIA**
1977 SATURN ST

MONTEREY PARK, CA 91755
Phone

Valuation **$0.00**
Project Floor Area
Stories:

Fire Sprinklers:
Air Conditioning: **Y**

Work Description:
T.I.:**PARTITIONS;RELOCATE [E] LIGHTS**

Total Fees:	**$1,078.15**
Paid Amount:	**$1,078.15**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B03-0692
Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires: **11/06/2004**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **CABRAL ROOFING & WATERPROOFING CORP**
815 W. OLYMPIC BLVD.

Phone: 323 832 9100

Architect:

Phone
License

Contractor: **CABRAL ROOFING & WATERPROOFING CORP**
815 W. OLYMPIC BLVD.

Phone: 323 832 9100
License: 745849

Owner: **SANWA BANK**

Phone 213-727-8357

Valuation: **$250,000.00**
Project Floor Area:
Stories:

Fire Sprinklers
Air Conditioning:

Work Description:
T.O. & REROOF W/1000 SQS OF PVC RR 24852.

Total Fees:	**$4,121.00**
Paid Amount:	**$4,121.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B05-0714
New

Inspection Hotline: (626) 307-1229
Inspector Area: **01**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires: **06/09/2006**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **MONARCH MECHANICAL**
KING, ROSCOB PRES
1300 GARDENA AVE
GLENDALE, CA 91204
Phone: 626 446 6121

Architect:
Phone
License.

Contractor: **MONARCH MECHANICAL**
KING, ROSCOB PRES
1300 GARDENA AVE
GLENDALE, CA 91204
Phone: 626 446-6121
License: 417661

Owner: **SANWA BANK**
Phone: 213-727-6357

Valuation: **$0.00**
Project Floor Area:
Stories.

Fire Sprinklers:
Air Conditioning:

Work Description:
ATF WATER HEATER FOR "BANK OF THE WEST"

Total Fees:	**$107.00**
Paid Amount:	**$107.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B06-1076
Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires: **08/10/2007**
Status: **Expired Permit**
Application Type: **Non-Residential**

Applicant **PETCON TECHNOLOGIES, INC.**
141'8 S. INGLEWOOD AVE
HAWTHORNE, CA 90250
Phone 310 679-9991

Architect:
Phone:
License:

Contractor **PETCON TECHNOLOGIES, INC.**
141'8 S. INGLEWOOD AVE
HAWTHORNE, CA 90250
Phone 310 679-9991
License 875998

Owner: **SANWA BANK**
Phone: 213-727-6357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
(1) ELEC CONDUIT FOR LOW VOLTAGE WIRING FOR SUMP SENSORS, CHARGED (3) RECEPTACLES. NO PLANS REQUIRED PER PH

Total Fees:	**$36.00**
Paid Amount:	**$36.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B06-1232
Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **01**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires: **08/31/2007**
Status: **Expired Permit**
Application Type: **Non-Residential**

Applicant: **PETCON TECHNOLOGIES, INC.**
14118 S. INGLEWOOD AVE.
HAWTHORNE, CA 90250
Phone: 310 679-9991

Architect
Phone
License

Contractor: **PETCON TECHNOLOGIES, INC.**
14118 S. INGLEWOOD AVE
HAWTHORNE, CA 90250
Phone: 310 679-9991
License: 675998

Owner: **SANWA BANK**
Phone: 213-727-6357

Valuation: **$0.00**
Project Floor Area:
Stories

Fire Sprinklers:
Air Conditioning

Work Description:
REPLACE DIESEL LINES FOR GENERATOR.

Total Fees:	**$81.00**
Paid Amount:	**$81.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B18-1059
Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area:

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued: **10/04/2018**
Permit Expires: **04/02/2019**
Status: **Issued**
Application Type: **Non-Residential**

Applicant:
6083 Bristol Pky

Culver City, CA 90230
Phone: 310-553-3252

Architect: **NELSON ALGAZE**
6083 Bristol Pky

Culver City, CA 90230
Phone:310-553-3252
License:21093

Contractor: **ESPLANADE BUILDERS INC.**
JULIAN ALONSO
23820 HAWTHORNE BLVD. STE
100/101
Phone: 310 783 7664
License. 831964

Owner: **1977 SATURN LLC**
10900 4TH ST NE UNIT 500

BELLEVUE, WA 98004
Phone:

Valuation: **$21,785.26**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description
INTERIOR DEMO NOT FOR OCCUPANCY
6594 SQ. FT. OF TOTAL AREA FOR LEVEL A

Total Fees:	**$1,224.85**
Paid Amount:	**$1,224.85**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B18-1060
Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area:

Job Address: **1977 SATURN ST**

APN: **5265026064**

Permit Issued: **10/04/2018**
Permit Expires: **04/02/2019**
Status: **Issued**
Application Type: **Non-Residential**

Applicant:
6083 Bristol Pky

Culver City, CA 90230
Phone: 310-553-3252

Architect: **NELSON ALGAZE**
6083 Bristol Pky

Culver City, CA 90230
Phone:310-553-3252
License:21090

Contractor: **ESPLANADE BUILDERS INC.**
JULIAN ALONSO
23820 HAWTHORNE BLVD. STE
100/101
Phone: 310 783 7564
License: 831964

Owner: **1977 SATURN LLC**
10900 4TH ST NE UNIT 500

BELLEVUE, WA 98004
Phone:

Valuation: **$148,889.05**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
INTERIOR DEMO NOT FOR OCCUPANCY
45,066 SQ. FT. OF TOTAL AREA FOR LEVEL C

Total Fees:	**$4,861.89**
Paid Amount:	**$4,861.89**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B19-0110
Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area:

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued: **02/22/2019**
Permit Expires: **08/21/2019**
Status: **Issued**
Application Type: **Non-Residential**

Applicant:
3547 ROSE AVENUE

LONG BEACH, CA 90807
Phone: 310-908-8597

Architect:

Phone:
License:

Contractor: **JPD ELECTRIC**
3547 ROSE AVENUE

LONG BEACH, CA 90807
Phone: (562) 989 9505
License: 1024559

Owner: **1977 SATURN LLC**
10900 4TH ST NE UNIT 500

BELLEVUE, WA 98004
Phone: 310-783-7664

Valuation: **50.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
LIGHT FIXTURE INSTALLATION (60)
FOR WHITE BOX SHELL

Total Fees:	**$661.81**
Paid Amount:	**$661.81**
Balance:	**50.00**

UNIT BREAKDOWN FOR B19-0110

4.00	Receptacle/Switch/Junction Box/Other Outlet
80.00	Lighting Fixture/Sockets or Other Lamp-Holding Devices

Job Address 1977 Jackson Date 6-2-80

Owner's Name Lloyds Bank

Contractor C R Peck

House Sewer Con. Inspected by Johnnigan

Inspection Date 6-2-80

Size of Line 6"

Type of Pipe Clay

Cesspool or Septic Tank Filled Date Filled

Sewer Cap Inspected by Date Inspected

rm 1-78 arnolds

ADDRESS: 1977 SATURN STREET

JOB DESC: SEWER CONNECTION

LATH/L. GR. | ISSUED BY: JOHN C

ENERGY CHECK NO.

MONTEREY PARK BUILDING DEPARTMENT
PLUMBING — RECEIPT — PERMIT

PERMIT NO. 016686

ENERGY FEE

OWNER LLOYDS BANK OF CALIF. PHONE

PERMIT FEE 20.00

ADDRESS 1977 SATURN ST. CITY MONTEREY PARK TOTAL $ 20.00

CONTRACTOR C. A. PECK PHONE 361-6211 JOB FINAL

ADDRESS 3403 WILSHIRE BLVD CITY LOS ANGELES STATE LIC. CITY LIC. WORK COMP. W-1-58

☐ DWLG ☐ APTS ☑ COMM. ☐ ALTNS ☐ REPAIR ☐ AUTHORIZED SIGNATURE Victor Kelly

TOILET		LAVATORY		GAS SYSTEM		BACK-FLO PREV.		
TUB		WASHER		SEWER CONN.	X	P-TRAP		
SHOWER		DISHWASHER		SEWER CAP		POOL FILTER		
SINK		WATER HEATER		YD. SPRINKLER		POOL P/PING		

ENG. P.C.

PERMIT FEE JOB COPY — JUN-2-60

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-1 License No. 188629

EXP Date 12-31-81 Contractor PACIFIC BUILDING INTERIORS, INC.

PACIFIC BUILDING INT. 223-1124
CONTRACTOR (D B A) Phone

5363 ALHAMBRA AVE L.A. 90032
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a copy certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC1-11609-C Company MISSION INS.

☒ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 8-5-81 Applicant Peder L. Borch

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption you should become subject to the Work's Comp. provisions of the Labor Code You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097 Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Peder L. Borch 8-5-81
Signature of Owner or Contractor ONLY Date

Owner Verified By: | City Lic. Verified By: NEW

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection or job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211
320 West Newmark Ave. - Monterey Park, California
BUILDING PERMIT APPLICATION

PERMIT NO 23573

LEGAL DESCRIPTION LOT BLOCK TRACT

JOB ADDRESS 1977 SATURN ST.

OWNER LLOYDS BANK CALIF. PHONE 727-3244

OWNER ADDRESS 1977 SATURN ST. CITY ZIP

ENGINEER M.L. FISTLER STATE LIC. 27516 PHONE

ARCH.-DESIGNER NONE STATE LIC. PHONE

CONTRACTOR PACIFIC BUILDING INTERIORS 223-1124

PLAN CHECK	10.66
ENERGY ANALYSIS	-0-
BUILDING PERMIT	13.00
EARTH QUAKE	.50
PLAN STORE	-0-
TOTAL $ FEE	24.16

JOB DESCRIPTION: NEW X | ADD | DEMO | FIRE

MASONARY 4'HT X 234'± (Retaining Wall at West PL)

BUILDING AREA | GARAGE AREA | STORIES | HEIGHT | NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION: CONCRETE | EXT WALLS CONCRETE | ROOF — | FLOOR —

JOB ADDRESS 1977 SATURN ST.

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 1200.00

ENERGY ANALYSIS NA APPROVED | PLAN CHECK JR APPROVED

BUILDING PERMIT APPROVED JRandall DATE 8-5-81

MAP NO.	8
ZONE	M
OCCUP GROUP	
CONST. TYPE	V
LOT SIZE	
AFFIDAVITS	
ENGINEERING	—
PLANNING	—
FIRE DEPT	—
WORK COMP	7-1-82
FINAL INSPECTION	9 14 81 P.S.

NO. UNITS — | BEDROOMS/UNIT — | PARKS & RECREATION FEE — | DEMO CR — AMT DUE $ —

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

CASHIER'S USE ONLY

PLAN CHECK
ENERGY ANALYSIS —
BUILDING PERMIT #28-5-81 JR
EARTH QUAKE —
PLAN STORAGE —

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 398492

Date 12-31-82 Contractor International Elec.

International Elec. 774-2006
CONTRACTOR (D.B.A) Phone

20 Dominguez Carson Ca. 90507
ADDRESS City Zip

OWNER BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation will do the work and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, a building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

.....

Date ..... Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. ..... Company .....

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 12-3-81 Applicant Larry R Zuber

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 12-3-81 Applicant Larry R Zuber

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

.....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Larry R Zuber owner 12-3-81
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN SATURN ST

☐ DWLG ☐ APTS ☐ COMM ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

PERMIT NO. 015578

OWNER Lloyds Bank PHONE

ADDRESS 1977 SATURN SATURN ST CITY

CONTRACTOR International Elec. PHONE

WORK COMP. ISSUED BY

SPECIAL INSP DATE

	OUTLETS		BUSWAY FOOTAGE	ONE½	MOTORS H.P.	1½		POWER P.O.E		WORK PERMIT	
	FIXTURES							SERVICE AMPS			
	SWITCHES		MISC. CONDUITS								
					MOTORS H.P.			POOL OR SPA SYSTEM			
	APPLIANCES		TEMPORARY SYSTEM		BRANCH CKT.			SIGNS		FLASHER TIMER	
	APPLIANCES CKT.							JOB FINAL 12-4-81 P.S.			

6.00	PERMIT ISSUANCE FEE		
.10	OUTLETS (RECEPTACLES, SWITCHES, LIGHT FIXTURES, HOLDERS	10	—
each	SOCKETS, POLE PLATFORM MERCURY VAPOR		
9.00	TEMPORARY, TEMPORARY RECEPTICAL SYSTEMS	5	—
3.00	APPLIANCE CIRCUIT		
2.00	BRANCH CIRCUIT (OR BALLAST)		
6.00	BUSWAY SYSTEMS (EACH 100 FEET OR FRACTION)		
10.00	SIGN (1 CKT. OR BALLAST)		
2.00	MOTORS, TIMERS, MOTORS		
10.00	TEMPORARY POWER SERVICE (FIRST POLE)		
2.00	TEMPORARY POWER SERVICE (EACH ADDITIONAL POLE)		
7.50	MISCELLANEOUS CONDUITS & CONDUCTORS		
5.00	WORKING PERMIT		
15.00	MAINTENANCE ELECTRICIAN - ANNUAL REGISTRATION		
15.00	EMERGENCY OR SPECIAL INSPECTIONS (PER HOUR)		
20.00	PRIVATE SWIMMING POOL OR SPA SYSTEMS		
Each	POWER APPARATUS - RATED H.P. R.W. - K.V.A.		
2.00	0 UP TO 1	20.00 50 UP TO 100	
5.00	1 UP TO 15	25.00 100 UP TO 500	
10.00	10 UP TO 50	30.00 OVER 500	
SERVICE (AND SUB-PANELS)			
12.50	UP TO 600 VOLTS AND 200 AMPS		
25.00	OVER 600 VOLTS AND 200 - 1000 AMPS		
50.00	OVER 600 VOLTS AND OVER 1000 AMPS		
PLAN CHECK FEE - 10% PERMIT FEE ENERGY FEE - 5% OF PERMIT FEE		ENERGY	
		TOTAL	

ENERGY P.C. —

PLAN CHECK —

PERMIT FEE Pd 12-3-81 JR

B 6-27- 8-10-81

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C20 SC4 SC38 License No. 158760

EXP. 12-31-81

Date ..... Contractor Robert L Floyd

United Air Cond. Corp.

CONTRACTOR (D B A) Phone

632 M. Pass Rd – M. PK 283-8365

ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C. - The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. , B. & P. C. for this reason:

Date ..... Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure or a certificate of Workers Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WP&D-044590 Company FREMONT INDEMNITY

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 8-10-81 Applicant United Air Conditioning

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction and hereby authorize representatives of this City to enter upon the above mentioned property for inspection purposes.

Robert L Floyd 8-10-81

Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:
	N.B.

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN St. ☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR

PERMIT NO. 01586

MONTEREY PARK BUILDING DEPARTMENT
MECHANICAL — RECEIPT — PERMIT

PERMIT FEE	19 —
PLAN CHECK	—
ENERGY FEE	2.85

OWNER LLOYDS BANK of CALIFORNIA PHONE

ADDRESS 1977 SATURN St MONTEREY PK CITY

CONTRACTOR United Air Conditioning PHONE 287-6243

WORK COMP WP 80-044590 ISSUED BY GR

SPECIAL INSP DATE 8-14-81 TOTAL FEES 21.85

FURNACE B. T. U.	APPLIANCE VENT	FIREPLACE	EVAPORATIVE COOLER	WORK PERMIT
	AIR HANDLER C.F.M.	POOL	POOL HEATER B. T. U.	
A. C. COMP. SIZE 1 1½ Ton.				
	VENT FAN			
	VENT SYSTEM			
	3 DIFFUSERS REGISTERS	GAS VENT	GAS SYSTEM	
	FIRE DAMPERS		JOB FINAL 1-5-82 P.S.	

0.00	Permit Issuance Fee. ALL FEES ARE PER "EACH"	10	00
6.00	A/ Furnaces up to: 100M B. T. U. (w/Vent)		
10.00	A/ Furnaces OVER 100M B. T. U. (w/Vent)		
4.00	Appliance Vent (New, Replace, Relocate)		
6.00	Heater: Refrig.: Absorp. System/Unit (New/Alter)	6	00
6.00	Comp./Boiler up to: 3 H.P./100M		
2.00	Comp./Boiler OVER 3-15 H.P./OVER 100M - 500M		
20.00	Comp./Boiler OVER 15-30 H.P./OVER 500M - 1000M		
30.00	Comp./Boiler OVER 30-50 H.P./OVER 1000M - 1750M		
40.00	Comp./Boiler OVER 50 H.P./OVER 750M		
5.00	Air Handler up to and including 10M C. F. M.	3	
10.00	Air Handler OVER 10M C. F. M.	19	00
6.00	Evaporative Cooler (Permanent)		
4.00	Vent Fan (Single Duct); Vent System		
6.00	Appliance or Equipment Not Listed		
1.00	Diffusers (Supply and Return)		
4.00	Gas System (1-5 outlets)		
1.00	Gas System (6 or more outlets)		

Computer Room

ENERGY 15% 2.40 + .45

TOTAL ~~16.00~~ 21.85

PLAN CHECK FEE = ½ PERMIT FEE
ENERGY FEE 15% OF PERMIT FEE

ENERGY P.C. .....

PLAN CHECK PK 8-20-81 Jm

PERMIT FEE —

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 120179

Exp. Date 9-1-84 Signature of Contractor X R S Young

George Young Electric (213) 325-4111
CONTRACTOR (D B A) Phone

24100 S. Vermont Harbor City 90710
ADDRESS City Zip

OWNER BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation will do the work and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC966987 Company Republic Ind.

☐ Certified copy is hereby furnished.

XX Certified copy is filed with the Department of Building & Safety.

Date 10-1-83 Applicant George Young Elect

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X R S Young 2-1-83
Signature of Owner or Contractor (ONLY) Date
R.S. Young

Owner Verified By: | City Lic. Verified By:

- IMPORTANT -

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 Saturn St. Monterey Park

☐ DWLG ☐ APTS ☐ COMM. XX ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

PERMIT NO 016234

OWNER Lloyd's Bank PHONE (213) 727-3264

ADDRESS 1977 Saturn St. Monterey Park CITY 91754

CONTRACTOR Young Electric PHONE 325-4111

WORK COMP. EXP. 10-1-83 ISSUED BY

SPECIAL INSP DATE

PERMIT FEE	58.00
PLAN CHECK	-----
ENERGY FEE	-----
TOTAL FEES	58.00

4	OUTLETS		BUSWAY FOOTAGE		MOTORS		POWER POLE		WORK PERMIT
	FIXTURES				H. P.		SERVICE AMPS.		
	SWITCHES		MISC. CONDUITS		H. P.		SPA SYSTEM		
1	SubPanel				H. P.		POOL SYSTEM		
	200A						POOL AND SPA SYSTEM		SIGNS
	APPLIANCES		TEMPORARY SYSTEM		BRANCH CCT.				FLASHER TIMER
	APPLIANCES CCT.						JOB FINAL Paul S 2-10-83		

10.00	PERMIT ASSURANCE FEE		
1.00	EA. (1 TO 10) OUTLETS, RECEPTICALS, SWITCHES, LIGHT FIXTURES, HOLDERS,	10	CC
	50 EA. (OVER 10) SOCKETS, POLE, RECEPTICAL SYSTEMS	24	CC
5.00	TEMPORARY: PERMISSION, RECEPTICAL SYSTEMS	24	CC
2.00	APPLIANCE CIRCUIT		
2.00	BRANCH CIRCUIT (OR BALLAST)		
10.00	BUSWAY SYSTEMS (EACH 50 FEET OR FRACTION)		
10.00	SIGN — (1 CCT. OR BALLAST)		
4.00	FLASHERS TIMERS, MOTORS		
10.00	TEMPORARY POWER SERVICE (FIRST POLE)		
2.00	TEMPORARY POWER SERVICE (EACH ADDITIONAL POLE)		
7.50	MISCELLANEOUS CONDUITS & CONDUCTORS & UNDERGROUND		
5.00	WORKING PERMIT		
15.00	MAINTENANCE ELECTRICIAN — ANNUAL REGISTRATION		
15.00	EMERGENCY OR SPECIAL INSPECTIONS (PER HOUR)		
20.00	PRIVATE SWIMMING POOL OR SPA SYSTEMS (POOL W/ IF SPA 10.00)		
Each	POWER APPARATUS RATED: H.P. - K.W. - K.V.A.		
2.00	0 UP TO 15.00 OVER 5 INCL 10		
5.00	OVER 1 INCL 3 20.00 OVER 10 INCL 25		
10.00	OVER 3 INCL 5 30.00 OVER 25 INCL 50 60.00 OVER 100		
	SERVICE (AND SUB-PANELS)		
12.50	UP TO 600 VOLTS AND 200 AMP.		
25.00	OVER 600 VOLTS AND 200 1000 AMP.		
50.00	OVER 600 VOLTS AND OVER 800 AMP.		
	PLAN CHECK FEE = ½ PERMIT FEE ENERGY FEE = 15% OF PERMIT FEE	ENERGY	
		TOTAL	

See revised schedule

NOTICE — THE PERMIT FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK AS ESTABLISHED BY THE BUILDING OFFICIAL. Example: Underground, Rough, Finish.

CONTRACTORS SIGNATURE X R S Young

Cashier's Use Only

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 392955

8-31-82

Date 1-12-82 Contractor ELECTRICAL

KIRKWOOD ELECT. SERVICE, INC. 926 0519

CONTRACTOR (D B A) Phone

12723 E. 166th St. CERRITOS, 90701

DRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9 (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WF911504J1 Company FREMONT

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 1-12-82 Applicant L. M. Sides

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

L. M. Sides 1-12-82

Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN ST.

☐ DWLG ☐ APTS ☐ COMM. ☒ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL - RECEIPT PERMIT

PERMIT NO 016644

OWNER LLOYDS BANK CORP. PHONE

ADDRESS 1977 SATURN ST CITY M.P.

CONTRACTOR KIRKWOOD ELECT. PHONE 926-0519

WORK COMP. 10-1-82 ISSUED BY

SPECIAL INSP DATE

PERMIT FEE	183.50
PLAN CHECK	91.75
ENERGY FEE	27.52
TOTAL FEES	302.77

1	OUTLETS		BUSWAY FOOTAGE		MOTORS H. P.		POWER POLE		WORK PERMIT		
10	FIXTURES			3	@ 100 HP		SERVICE AMPS.				
1	SWITCHES	5	MISC. CONDUITS	2	@ 30 HP	1	DIST. BRD. 600 AMP				
					MOTORS H. P.		POOL OR SPA SYSTEM				
				1	150 KVA CPC		~~1 OUTLET~~				
	APPLIANCES		TEMPORARY SYSTEM		BRANCH CCT.		SIGNS		FLASHER TIMER		
	APPLIANCES CCT.						JOB FINAL 2-7-82 P.S.				

13.00	PERMIT ISSUANCE FEE		
50	OUTLETS: RECEPTACLS, SWITCHES, LIGHT FIXTURES, HOLDERS,	10	00
each	SOCKETS, POLE OR PATTERN, MERCURY VAPOR		
5.00	TEMPORARY SERVICE POWER RECEPTACL SYSTEMS	6	00
2.00	APPLIANCE CIRCUIT		
2.00	BRANCH CIRCUIT (OR BALLAST)		
4.00	BUSWAY SYSTEMS (EACH 100 FEET OR FRACTION)	37	50
2.00	SIGN — 1 CCT (OR BALLAST)		
2.00	FLASHERS, TIMERS, MOTORS	60	00
6.00	TEMPORARY POWER SERVICE FIRST POLE		
3.00	TEMPORARY POWER SERVICE EACH ADDITIONAL POLE	30	00
2.50	MISCELLANEOUS CONDUITS & CONDUCTORS		
5.00	WORKING PERMIT	25	00
5.00	MAINTENANCE ELECTRICIAN ANNUAL REGISTRATION		
15.00	EMERGENCY OR SPECIAL INSPECTIONS (PER HOUR)		
30.00	PRIVATE SWIMMING POOL OR SPA SYSTEMS	25	00
Each	POWER APPARATUS RATED H.P. K.W. K.V.A.		
2.00	0 UP TO 1 ; 20.00 50 UP TO 100		
5.00	1 UP TO 5 ; 25.00 100 UP TO 500		
8.00	10 UP TO 50 ; 30.00 OVER 500		
SERVICE (AND SUB-PANELS)			
9.50	UP TO 600 VOLTS AND 200 AMP.		
25.00	OVER 600 VOLTS AND 200 - 1000 AMP.		
50.00	OVER 600 VOLTS AND OVER 1000 AMP.		
PLAN CHECK FEE = 50% PERMIT FEE ENERGY FEE = 15% OF PERMIT FEE		ENERGY	27 52
		TOTAL	302 77

ENERGY P.C. —— 10

PLAN CHECK —— 1-14-82

PERMIT FEE ——

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

C-20 SC-4 SC-58

License Class ..... License No. 158760

Date 12/3/82 Contractor UNITED AIR COND.

UNITED AIR CONDITIONING CORP
CONTRACTOR (DBA) Phone
632 MONTEREY PASS ROAD
MONTEREY PARK, CA 2896213
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

.....

Date ..... Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WP81-044590 Company FREMONT INDEMNITY

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date 12/3/81 Applicant Robert D. Floyd

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

.....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Robert D. Floyd 12/3/81
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By: A/B.

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

B-686 12/3/81

JOB ADDRESS: 1977 SATURN ST

☐ DWLG ☐ APTS ☑ COMM. ☑ ALTNS ☐ REPAIR

PERMIT NO 021274

MONTEREY PARK BUILDING DEPARTMENT
MECHANICAL — RECEIPT — PERMIT

OWNER LLOYDS BANK	PHONE	PERMIT FEE	12.00
ADDRESS 1977 SATURN ST.	CITY MONT. PK.	PLAN CHECK	
CONTRACTOR UNITED AIR COND	PHONE 2896213	ENERGY FEE	1.80
WORK COMP WP81-044590	ISSUED BY N.B. 1-13-82		
SPECIAL INSP	DATE 12/3/81	TOTAL FEES	13.80

	FURNACE B. T. U.		APPLIANCE VENT	FIREPLACE	EVAPORATIVE COOLER	WORK PERMIT
			AIR HANDLER C.F.M.	HOOD	POOL HEATER B.T.U.	
	A. C. COMP. SIZE					
			VENT FAN			
			VENT SYSTEM			
		2	DIFFUSERS REGISTERS	GAS VENT	GAS SYSTEM	
			FIRE DAMPERS		JOB FINAL PS 2-12-82	

10.00	Permit Issuance Fee. ALL FEES ARE PER "EACH"	10	00
6.00	A/ Furnaces up to: 100M B. T. U. (w/Vent)		
10.00	A/ Furnaces OVER 100M B. T. U. (w/Vent)		
4.00	Appliance Vent (New, Replace, Relocate)		
6.00	Heater; Refrig.; Absorp. System/Unit (New/Alter)		
6.00	Comp./Boiler up to: 3 H.P./100M		
12.00	Comp./Boiler OVER 3-15 H.P./OVER 100M - 500M		
20.00	Comp./Boiler OVER 15-30 H.P./OVER 500M - 1000M		
30.00	Comp./Boiler OVER 30-50 H.P./OVER 1000M - 1750M		
40.00	Comp./Boiler OVER 50 H.P./OVER 1750M		
5.00	Air Handler up to and including 10M C. F. M.		
0.00	Air Handler OVER 10M C. F. M.		
6.00	Evaporative Cooler (Permanent)	2.00	
4.00	Vent Fan (Single Duct); Vent System	ENERGY 1.80	
6.00	Appliance or Equipment Not Listed		
1.00	Diffusers (Supply and Return) 2	TOTAL	
4.00	Gas System 1-5 outlets)	13.80	
1.00	Gas System (6 or more outlets)		

PLAN CHECK FEE = ½ PERMIT FEE
ENERGY FEE = 15% OF PERMIT FEE

ENERGY P.C. .....

PLAN CHECK .....

PERMIT FEE pd 1-13-82 JM

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C20 License No. 150412

Date 4/30/82 Contractor R Kruyer

SAN-VAL A/C 849-7751

CONTRACTOR (D B A) Phone

1121 ISABEL ST BURBANK 91506

ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

☐ am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. ..... Company .....

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date ..... Applicant .....

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 2/12/82 Applicant R Kruyer

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097 Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

R Kruyer 2/12/82

Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN ST

☐ DWLG ☐ APTS ☑ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
MECHANICAL — RECEIPT PERMIT

PERMIT NO 0172

OWNER Lloyds BANK PHONE

ADDRESS 1977 SATURN ST CITY Mont. PK

CONTRACTOR SAN-VAL A/C PHONE 849-7751

WORK COMP. EXEMPT ISSUED BY TOPIKO

SPECIAL INSP DATE 2-12-82

PERMIT FEE	60.00
PLAN CHECK	
ENERGY FEE	9.00
TOTAL FEES	69.00

	FURNACE B. T. U		APPLIANCE VENT		FIREPLACE		EVAPORATIVE COOLER		WORK PERMIT
			A.H. HANDLER C.F.M.		HOOD		POOL HEATER B.T.U.		
1HP	A.C. COMP. SIZE 10HP								
			VENT FAN						
1	Comp 20 hp		VENT SYSTEM						
			DIFFUSERS REGISTERS		GAS VENT		GAS SYSTEM		
			FIRE DAMPERS				JOB FINAL	2-16-82	

10.00	Permit Issuance Fee.	ALL FEES ARE PER "EACH"	10 —
6.00	All Furnaces up to: 100V B. T. U. (w/Vent)		15
10.00	All Furnaces OVER 100M B. T. U. (w/Vent)		15
4.00	Appliance Vent (New Replace, Relocate)		20
6.00	Heater Refrig.: Absorp. System/Unit (New/Alter)		
6.00	Comp./Boiler up to: 3 H.P./100M		
12.00	Comp./Boiler OVER 3-15 H.P./OVER 100M - 500M		
20.00	Comp./Boiler OVER 15-30 H.P./OVER 500M - 1000M		
30.00	Comp./Boiler OVER 30-50 H.P./OVER 500M - 1750M		
40.00	Comp./Boiler OVER 50 H.P./OVER 1750M		
5.00	Air Handler up to and including 10M C. F. M.		
10.00	Air Handler OVER 10M C. F. M.		60 —
6.00	Evaporative Cooler (Permanent)		
4.00	Vent Fan (Single Duct); Vent System		ENERGY
6.00	Appliance or Equipment Not Listed		
1.00	Diffusers (Supply and Return)		TOTAL
4.00	Gas System -5 outlets)	PLAN CHECK FEE ½ PERMIT FEE	
1.00	Gas System (6 or more outlets)	ENERGY FEE - 15% OF PERMIT FEE	

ENERGY P.C. ——

PLAN CHECK ---

PERMIT FEE —— Pd 2-12-82

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-L License No. 188629

Exp. Date 12-31-82 Signature of Contractor Art L. Bow

Pacific Building Interiors Inc 223-1124
CONTRACTOR (D B A) Phone

5363 Alhambra Ave L.A. 90032
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Workers Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC-111609-D Company Missouri Ins.

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 7-7-82 Applicant Art L Bow

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name None

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Art L Bow 7-7-82
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO 4691

JOB ADDRESS 1977 Saturn Street

LEGAL DESCRIPTION LOT TRACT

OWNER Lloyds Bank PHONE 727-3252

OWNER ADDRESS 1977 Saturn St CITY Monterey Park ZIP

ENGINEER Merle L. Fistler STATE LIC. PHONE 446-1251

ARCH.-DESIGNER — STATE LIC. PHONE

CONTRACTOR Pacific Building Int. L.A. 90032 PHONE

CONTRACTOR ADDRESS 5363 Alhambra Ave CITY ZIP

JOB DESCRIPTION: NEW | ADD X | DEMO | FIRE

Loading dock renovation

NO. UNITS | BEDROOMS/UNIT | PARKS & RECREATION FEE: DEMO CR____ AMT DUE $ ____

BUILDING AREA | GARAGE AREA | STORIES | HEIGHT | NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION: EXT WALLS Concrete | ROOF Concrete | FLOOR Conc.

JOB ADDRESS 1977 Saturn St.

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 6250-

ENERGY ANALYSIS NA APPROVED | PLAN CHECK TARIN APPROVED

BUILDING PERMIT APPROVED TARIN 7-7-82 DATE

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES: NA

SEWER SERVICE FEE:

PLAN CHECK	65.00
ENERGY ANALYSIS	—
BUILDING PERMIT	69.00
EARTH QUAKE	.50
PLAN STORE	
TOTAL FEE $	130.50

MAP NO.
ZONE
OCCUP GROUP
CONST TYPE
LOT SIZE
AFFIDAVITS
ENGINEERING NA
PLANNING NA
FIRE DEPT NA
WORK COMP EXP. 7-10-83
FINAL INSPECTION Dave Reider 9-20-82

CASHIER'S USE ONLY
PD
7-7-82

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-1 License No. 188629

Exp. Date 84 Signature of Contractor Ada L Bon

Pacific Bldg Int. 223-1124
CONTRACTOR (B B A) Phone

5363 Alhambra L.A. 90032
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C. ; The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of compl the owner-builder will have the burden of proving that he not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC1-112096 Company Mission Ins.

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date 4/29/82 Applicant Ada L Bon

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption you should become subject to the Work's Comp. provisions of the Labor Code You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097 Civ. C.).

Lender's Name None

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Ada L. Bon 4/29/82
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 30 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO. 14315

JOB ADDRESS 1977 Saturn St.

LEGAL DESCRIPTION LOT TRACT

OWNER Lloyds Bank Calif. PHONE

OWNER ADDRESS 1977 Saturn ST. CITY 727-3264 ZIP

ENGINEER NONE STATE LIC. PHONE

ARCH-DESIGNER STATE LIC. PHONE

CONTRACTOR Pacific Building Int. L.A 90032 PHONE

CONTRACTOR ADDRESS 5363 Alhambra Ave CITY L.A. ZIP 90032

JOB DESCRIPTION	NEW	ADD X	DEMO	FIRE
Interior alterations				

NO. UNITS	BEDROOMS/UNIT	PARKS & RECREATION FEE
		DEMO CR ____ AMT DUE $ ____

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION	EXT. WALLS	ROOF	FLOOR
New Conduit			

JOB ADDRESS 1977 Saturn St.

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 3350

ENERGY ANALYSIS APPROVED PLAN CHECK 800 APPROVED

BUILDING PERMIT APPROVED DE 4-29-82 DATE

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE:

PLAN CHECK	44.50
ENERGY ANALYSIS	
BUILDING PERMIT	44.50
EARTH QUAKE	.50
PLAN STORE	
TOTAL FEE $	89.50

MAP NO.	
ZONE	
OCCUP GROUP	B-2
CONST TYPE	II-1 hr
LOT SIZE	
AFFIDAVITS	
ENGINEERING	
PLANNING	
FIRE DEPT	
WORK COMP EX.	800

7-01-82

FINAL INSPECTION
Work Cancelled
Raul Schreiger
9-20-82

CASHIER'S USE ONLY
Pd
4-29-82

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B, C10 License No. 364044

Exp. Date 8-31-82 Signature of Contractor Mark Bryant

J.H. BRYANT Jr. CONT. INC. 770-2260
CONTRACTOR (D B A) Phone

17217 S. BROADWAY, GARDENA 90248
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code. Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

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Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800 Lab. C.)

Policy No. WP-81-057141 Company FREMONT

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date 9-8-82 Applicant J. H. BRYANT INC

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation laws of California.

Date ..... Applicant .....

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I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

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Mark Bryant 9-8-82
Signature of Owner or Contractor ONLY Date

Owner Verified By: | City Lic. Verified By:

— IMPORTANT —

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CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California
BUILDING PERMIT APPLICATION

PERMIT NO. 14996

JOB ADDRESS 1977 SATURN

LEGAL DESCRIPTION LOT TRACT

OWNER LLOYDS BANK PHONE 727-5252
OWNER ADDRESS 1977 SATURN CITY MONTEREY PARK ZIP
ENGINEER STATE LIC. PHONE
ARCH. DESIGNER STATE LIC. PHONE
CONTRACTOR J.H. BRYANT Jr. CONTRACTORS, GARDENA PHONE 770-2260
CONTRACTOR ADDRESS 17217 S. BROADWAY, GARDENA CITY 90248 ZIP

JOB DESCRIPTION: NEW | ADD | DEMO | FIRE

INTERIOR PARTITION WALLS FOR PHOTO-LAB MICRO-FILM

NO. UNITS | BEDROOMS/UNIT | PARKS & RECREATION FEE | DEMO CR_____ AMT DUE $ _____

BUILDING AREA | GARAGE AREA | STORIES | HEIGHT | NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION: EXT WALLS | ROOF | FLOOR

JOB ADDRESS 1977 SATURN
VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 2200

ENERGY ANALYSIS N/A APPROVED | PLAN CHECK TARIN APPROVED

BUILDING PERMIT APPROVED TARIN 9-8-82 DATE

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:
SEWER SERVICE FEE: NA

PLAN CHECK	39.00
ENERGY ANALYSIS	—
BUILDING PERMIT	39.00
EARTH QUAKE	.50
PLAN STORE	—
TOTAL FEE $	78.50

MAP NO.
ZONE
OCCUP GROUP
CONST TYPE
LOT SIZE
AREA DIST
ENGINEERING
PLANNING
FIRE DEPT
WORK COMP EXP. 7-1-83
FINAL INSPECTION Paul Schweiger 10-6-82

CASHIER'S USE ONLY 9-8-82

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B, C10 License No. 364044

Exp. Date 8-31-82 Signature of Contractor Mark Bryant

J.H. BRYANT Jr. CONT. INC. 770-2260
CONTRACTOR (D B A) Phone

17217 S. BROADWAY, GARDENA 90248
ADDRESS City Zip

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Date ..... Signature of Owner .....

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Policy No. WP-81-057141 Company FREMONT

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date 9-8-82 Applicant J. H. BRYANT INC

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Date ..... Applicant .....

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Lender's Address .....

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Mark Bryant 9-8-82
Signature of Owner or Contractor ONLY Date

Owner Verified By: | City Lic. Verified By:

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CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California
BUILDING PERMIT APPLICATION

PERMIT NO. 14996

JOB ADDRESS 1977 SATURN

LEGAL DESCRIPTION LOT TRACT

OWNER LLOYDS BANK PHONE 727-5252
OWNER ADDRESS 1977 SATURN CITY MONTEREY PARK ZIP
ENGINEER STATE LIC. PHONE
ARCH. DESIGNER STATE LIC. PHONE
CONTRACTOR J.H. BRYANT Jr. CONTRACTORS, GARDENA PHONE 770-2260
CONTRACTOR ADDRESS 17217 S. BROADWAY, GARDENA CITY 90248 ZIP

JOB DESCRIPTION: NEW | ADD | DEMO | FIRE

INTERIOR PARTITION WALLS FOR PHOTO-LAB MICRO-FILM

NO. UNITS | BEDROOMS/UNIT | PARKS & RECREATION FEE | DEMO CR_____ AMT DUE $ _____

BUILDING AREA | GARAGE AREA | STORIES | HEIGHT | NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION: EXT WALLS | ROOF | FLOOR

JOB ADDRESS 1977 SATURN
VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 2200

ENERGY ANALYSIS N/A APPROVED | PLAN CHECK TARIN APPROVED

BUILDING PERMIT APPROVED TARIN 9-8-82 DATE

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:
SEWER SERVICE FEE: NA

PLAN CHECK	39.00
ENERGY ANALYSIS	—
BUILDING PERMIT	39.00
EARTH QUAKE	.50
PLAN STORE	—
TOTAL FEE $	78.50

MAP NO.
ZONE
OCCUP GROUP
CONST TYPE
LOT SIZE
AREA DIST
ENGINEERING
PLANNING
FIRE DEPT
WORK COMP EXP. 7-1-83
FINAL INSPECTION Paul Schweiger 10-6-82

CASHIER'S USE ONLY 9-8-82

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LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B, C10 License No. 364044

Exp. Date 8-31-82 Signature of Contractor Mark Bryant

J.H. BRYANT Jr. CONT. INC. 770-2260
CONTRACTOR (D B A) Phone

17217 S. BROADWAY, GARDENA 90248
ADDRESS City Zip

OWNER-BUILDER DECLARATION

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Date ..... Signature of Owner .....

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Policy No. WP-81-057141 Company FREMONT

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date 9-8-82 Applicant J. H. BRYANT INC

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation laws of California.

Date ..... Applicant .....

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Lender's Address .....

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Mark Bryant 9-8-82
Signature of Owner or Contractor ONLY Date

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CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California
BUILDING PERMIT APPLICATION

PERMIT NO. 14996

JOB ADDRESS 1977 SATURN

LEGAL DESCRIPTION LOT TRACT

OWNER LLOYDS BANK PHONE 727-5252
OWNER ADDRESS 1977 SATURN CITY MONTEREY PARK ZIP
ENGINEER STATE LIC. PHONE
ARCH. DESIGNER STATE LIC. PHONE
CONTRACTOR J.H. BRYANT Jr. CONTRACTORS, GARDENA PHONE 770-2260
CONTRACTOR ADDRESS 17217 S. BROADWAY, GARDENA CITY 90248 ZIP

JOB DESCRIPTION: NEW | ADD | DEMO | FIRE

INTERIOR PARTITION WALLS FOR PHOTO-LAB MICRO-FILM

NO. UNITS | BEDROOMS/UNIT | PARKS & RECREATION FEE | DEMO CR_____ AMT DUE $ _____

BUILDING AREA | GARAGE AREA | STORIES | HEIGHT | NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION: EXT WALLS | ROOF | FLOOR

JOB ADDRESS 1977 SATURN
VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 2200

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BUILDING PERMIT APPROVED TARIN 9-8-82 DATE

PARKING PLOT PLAN

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SCHOOL DISTRICT FEES:
SEWER SERVICE FEE: NA

PLAN CHECK	39.00
ENERGY ANALYSIS	—
BUILDING PERMIT	39.00
EARTH QUAKE	.50
PLAN STORE	—
TOTAL FEE $	78.50

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OCCUP GROUP
CONST TYPE
LOT SIZE
AREA DIST
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WORK COMP EXP. 7-1-83
FINAL INSPECTION Paul Schweiger 10-6-82

CASHIER'S USE ONLY 9-8-82

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License Class B-C10 License No. 364044

Exp. Date 8-31-83 Signature of Contractor Mark Bryant

J. H. BRYANT JR CONST. INC 270-2260
CONTRACTOR (D B A) Phone

17217 S. BROADWAY, GARDENA 90248
ADDRESS City Zip

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Date ..... Signature of Owner .....

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Policy No. WP-81-057111 Company FREMONT

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☒ Certified copy is filed with the Department of Building & Safety.

Date 9-8-82 Applicant J. H. BRYANT INC

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Lender's Address .....

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Mark Bryant 9-8-82
Signature of Owner or Contractor ONLY Date

Owner Verified By: | City Lic. Verified By:

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JOB ADDRESS: 1977 SATURN ST

☐ DWLG ☐ APTS ☒ COMM. ☒ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL RECEIPT — PERMIT

PERMIT NO. 016013

OWNER Lloyds Bank PHONE 727-3252
ADDRESS 1977 Saturn St CITY Monterey Park
CONTRACTOR J. H. Bryant Jr Inc PHONE 770-2260
WORK COMP EXP. 7-1-83 ISSUED BY Thom
SPECIAL INSP DATE 9-8-82

X8	OUTLETS		BUSWAY FOOTAGE		MOTORS		POWER POLE		WORK PERMIT
2	FIXTURES				H. P.		SERVICE AMPS.		
3	SWITCHES		M.SC. CONDUITS		H. P.		SPA SYSTEM		
					H. P.		POOL SYSTEM		
							POOL AND SPA SYSTEM		SIGNS
	APPLIANCES		TEMPORARY SYSTEM	2	BRANCH CCT.				FLASHER TIMER
	APPLIANCES CCT.						JOB FINAL PS 10-6-82		

10.00	PERMIT ISSUANCE FEE	10 —
1.00	EA. (1-10) OUTLETS, RECEPTACLES SWITCHES LIGHT FIXTURES, HOLDERS.	24 —
.50	EA. (OVER 10) SOCKETS, POLE, RECEPTICAL SYSTEMS OUTLETS	1 50
5.00	TEMPORARY, FESTOON, RECEPTICAL SYSTEMS	
2.00	APPLIANCE CIRCUIT	12 —
2.50	BRANCH CIRCUIT (OR BALLAST)	~~10~~ —
10.00	BUSWAY SYSTEMS (EACH 100 FEET OR FRACTION	12 —
10.00	SIGN — 1 CCT. (OR BALLAST)	
4.00	FLASHERS TIMERS MOTORS B.C.	
10.00	TEMPORARY POWER SERVICE (FIRST POLE)	12 —
2.00	TEMPORARY POWER SERVICE (EACH ADDITIONAL POLE)	12 —
7.50	MISCELLANEOUS CONDUITS & CONDUCTORS & UNDERGROUND	
5.00	WORKING PERMIT	
15.00	MAINTENANCE REGISTRATION ANNUAL REGISTRATION	
15.00	EMERGENCY OR SPECIAL INSPECTIONS (PER HOUR)	
20.00	PRIVATE SWIMMING POOL OR SPA SYSTEMS (POOL WITH SPA 30.00)	
	Each POWER APPARATUS RATED: H.P. K.W. K.V.A.	
2.00	UP TO 5.00 OVER 5 INCL. 10	
5.00	OVER 10 INCL. 20 20.00 OVER 10 INCL. 25	
10.00	OVER 3 INCL. 5 30.00 OVER 25 INCL. 50 60.00 OVER 100	
	SERVICE (AND SUB PANELS)	
12.50	UP TO 600 VOLTS AND 200 AMP.	
25.00	OVER 600 VOLTS AND 200 1000 AMP.	
50.00	OVER 600 VOLTS AND OVER 600 AMP.	
	PLAN CHECK FEE = ½ PERMIT FEE ENERGY FEE = 15% OF PERMIT FEE	

ENERGY	
TOTAL	

NOTICE — THE PERMIT FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK AS ESTABLISHED BY THE BUILDING OFFICIAL. Example: Underground, Rough, Finish.

CONTRACTORS SIGNATURE Mark Bryant

Cashier's Use Only 9-8-82

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C36 License No. 202806

Exp. Date 7-1983 Signature of Contractor

Aitken Plumbing 7584151
CONTRACTOR (D B A) Phone

3317 Hyde Park Blvd LA 90043
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. ~~WXA062496~~ Company Mission

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 9-20-82 Applicant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor ONLY — Date 9-20-82

Owner Verified By: — City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 80 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection or job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 Saturn St

☐ OWLG ☐ APTS ☑ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
PLUMBING — RECEIPT — PERMIT

PERMIT NO. 019808

OWNER Lloyds Bank PHONE

ADDRESS 1977 Saturn CITY MPK

CONTRACTOR Aitken Plumbing PHONE 9-20-82

WORK COMP. EXP. 7-1-83 ISSUED BY ~~[illegible]~~

SPECIAL INSP DATE 9-20-82

PERMIT FEE	55
PLAN CHECK	—
ENERGY FEE	—
TOTAL FEES	55

	TOILET		DISHWASHER		SPA SYSTEM		P-TRAP		WORK PERMIT
	TUB		DISPOSAL		POOL SYSTEM		POOL FILTER	1	INDIRECT WASTE
	SHOWER	1	WATER HEATER		POOL AND SPA SYSTEM		POOL PIPING		DRINK FTN.
1	SINK		YARD SPRINKLERS		SEWER CONN	1	WATER PIPING		RAINWATER SYSTEM
	LAVATORY		BACK-FLO PREV.		SEWER CAP		GAS SYSTEM		GREASE TRAP
	WASHER		FLOOR DRAIN		SEWER EXT.		GAS OUTLETS		
	URINAL		FLOOR SINK		SEWER SYSTEM		JOB FINAL PS 10-6-82		

10.00	Permit Issuance Fee	10
4.00	Toilet; Urinal; Tub, Shower	29
4.00	Sink; Lavie; Laundry Tray; Floor Sink	29
4.00	Dishwasher; Clothes Washer; P Trap	
4.00	Drinking Fountain; Water Treatment Equipment	
5.00	Instal; Repair; Alter; Waterpiping; Water Heater	
4.00	Instal; Repair; Alter; Drain or Vent Piping	
5.00	Gas System or Backflow Preventers (1-5 outlets)	
1.00	Gas System or Backflow Preventers (6 or more)	
4.00	Pool Filter System; Pool Water Piping	
4.00	Rainwater System Per Drain	
6.00	Yard Sprinker System (per meter)	
8.00	Commercial Grease Trap; Industrial Waste Interceptor	
10.00	Sewer Cap; Sewer Extension; Trailer Park Trap	ENERGY
15.00	Sewer Connection to Main	TOTAL
30.00	Sewer System (Private)	
20.00	Private Pool or Spa System (Pool with Spa - 30.00)	

PLAN CHECK FEE = ½ PERMIT FEE ENERGY FEE = 5% OF PERMIT FEE

NOTICE — THE PERMIT FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK AS ESTABLISHED BY THE BUILDING OFFICIAL Example: Underground, Rough, Finish.

CONTRACTORS SIGNATURE

Cashier's Use Only
PS
9-20-82

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B License No. 189629

Exp. Date 8-84 Signature of Contractor X Arden L Born

Pacific Bldg Int. 223 1124
CONTRACTOR (D B A) Phone

5363 Alhambra Ave L A. 90032
ADDRESS City Zip

OWNER BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Workers Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC-I-711092C Company Mission Ins.

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 4/27/82 Applicant X Arden L Born

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued I shall not employ any person in any manner so as to become subject to the Workers Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name ..... None .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Arden L Born 4/27/82
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California
BUILDING PERMIT APPLICATION

PERMIT NO 14314

JOB ADDRESS 1977 Saturn St.

LEGAL DESCRIPTION LOT TRACT

OWNER Lloyds Bank Calif. PHONE

OWNER ADDRESS 1977 Saturn CITY ZIP

ENGINEER NONE STATE LIC. PHONE

ARCH.-DESIGNER NONE STATE LIC. PHONE

CONTRACTOR Pacific Bldg Int. L.A 90032 PHONE

CONTRACTOR ADDRESS 5363 Alhambra Ave. CITY ZIP

JOB DESCRIPTION	NEW	ADD X	DEMO	FIRE
To increase occ. load				

NO. UNITS	BEDROOMS/UNIT	PARKS & RECREATION FEE
/	/	DEMO CR ___ AMT DUE $ /

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION	EXT. WALLS	ROOF	FLOOR
Mercantile	GLASS	N/A	N/A

JOB ADDRESS 1977 Saturn St

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 4600 —

ENERGY ANALYSIS APPROVED PLAN CHECK BBO APPROVED

BUILDING PERMIT APPROVED BBO 4/27/82 DATE

PARKING / PLOT PLAN /

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES: N/A

SEWER SERVICE FEE:

PLAN CHECK	50.50
ENERGY ANALYSIS	—
BUILDING PERMIT	50.50
EARTHQUAKE	50
PLAN STORE	101.50
TOTAL FEE $	101.50

MAP NO
ZONE
OCCUP GROUP B-1
CONST TYPE II-1hr
LOT SIZE /
ACREAGE /
ENGINEERING /
PLANNING /
FIRE DEPT /
WORK COMP EXP. OK 7-01-82
FINAL INSPECTION Raul Salmeron 10-7-82

CASHIER'S USE ONLY
PD
4-29-82

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B, C-4 License No 364044

Exp. Date 8-31-84 Signature of Contractor Mark Bryant

J.H. Bryant Jr. Const. Inc. 720-2260
CONTRACTOR (D B A) Phone

17217 S. Broadway Gardena 90248
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

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☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No WP81-06771 Company FREIGHT

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 10-8-82 Applicant Mark Bryant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name NONE

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Mark Bryant 10-8-82
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection or job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California
BUILDING PERMIT APPLICATION

PERMIT NO 14986

JOB ADDRESS 1977 SATURN ST

LEGAL DESCRIPTION LOT TRACT

OWNER LLOYDS BANK PHONE

OWNER ADDRESS 1977 SATURN ST CITY ZIP

ENGINEER STATE LIC. NO. PHONE

ARCH.-DESIGNER STATE LIC. NO. PHONE

CONTRACTOR J.H. BRYANT JR. CONST. INC PHONE 720-2260

CONTRACTOR ADDRESS 17217 S. BROADWAY CITY GARDENA ZIP 90248

JOB DESCRIPTION: NEW ☐ ADD ☐ DEMO ☐ FIRE ☐ METER ☐

New Bearing Partition Walls For Bulk File Room

NO. UNITS | BEDROOMS/UNIT | PARKS & RECREATION FEE | DEMO CR_____ AMT DUE $ _____

BUILDING AREA | GARAGE AREA | STORIES | HEIGHT | NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION | EXT. WALLS | ROOF | FLOOR

JOB ADDRESS 1977 SATURN ST.

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 4000.00

ENERGY ANALYSIS APPROVED | PLAN CHECK BBD APPROVED

BUILDING PERMIT APPROVED BBD 10/8-82 DATE

PARKING N/A PLOT PLAN N/C

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE: $

PLAN CHECK	45.50
ENERGY ANALYSIS	
BUILDING PERMIT	45.50
EARTH QUAKE	.50
PLAN STORE	
TOTAL FEE $	91.50

MAP NO	
ZONE	C-4
OCCUP GROUP	B-2
CONST. TYPE	II-1hr.
LOT SIZE	N/C
AFFIDAVITS	
ENGINEERING	
PLANNING	
FIRE DEPT	
WORK COMP EXP.	July 83
FINAL INSPECTION	Paul Sabnuegar 12-14-82

CASHIER'S USE ONLY

BBD 10-8-82

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

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License Class B, C-4 License No 364044

Exp. Date 8-31-84 Signature of Contractor Mark Bryant

J.H. Bryant Jr. Const. Inc. 720-2260
CONTRACTOR (D B A) Phone

17217 S. Broadway Gardena 90248
ADDRESS City Zip

OWNER-BUILDER DECLARATION

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☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No WP81-06771 Company FREIGHT

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 10-8-82 Applicant Mark Bryant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

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CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name NONE

Lender's Address .....

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Mark Bryant 10-8-82
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

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CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California
BUILDING PERMIT APPLICATION

PERMIT NO 14986

JOB ADDRESS 1977 SATURN ST

LEGAL DESCRIPTION LOT TRACT

OWNER LLOYDS BANK PHONE

OWNER ADDRESS 1977 SATURN ST CITY ZIP

ENGINEER STATE LIC. NO. PHONE

ARCH.-DESIGNER STATE LIC. NO. PHONE

CONTRACTOR J.H. BRYANT JR. CONST. INC PHONE 720-2260

CONTRACTOR ADDRESS 17217 S. BROADWAY CITY GARDENA ZIP 90248

JOB DESCRIPTION: NEW ☐ ADD ☐ DEMO ☐ FIRE ☐ METER ☐

New Bearing Partition Walls For Bulk File Room

NO. UNITS | BEDROOMS/UNIT | PARKS & RECREATION FEE | DEMO CR_____ AMT DUE $ _____

BUILDING AREA | GARAGE AREA | STORIES | HEIGHT | NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION | EXT. WALLS | ROOF | FLOOR

JOB ADDRESS 1977 SATURN ST.

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 4000.00

ENERGY ANALYSIS APPROVED | PLAN CHECK BBD APPROVED

BUILDING PERMIT APPROVED BBD 10/8-82 DATE

PARKING N/A PLOT PLAN N/C

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE: $

PLAN CHECK	45.50
ENERGY ANALYSIS	
BUILDING PERMIT	45.50
EARTH QUAKE	.50
PLAN STORE	
TOTAL FEE $	91.50

MAP NO	
ZONE	C-4
OCCUP GROUP	B-2
CONST. TYPE	II-1hr.
LOT SIZE	N/C
AFFIDAVITS	
ENGINEERING	
PLANNING	
FIRE DEPT	
WORK COMP EXP.	July 83
FINAL INSPECTION	Paul Sabnuegar 12-14-82

CASHIER'S USE ONLY

BBD 10-8-82

DECLARATIONS

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LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-C10 License No. 364034

Exp. Date 8-31-83 Signature of Contractor Mark Bryant

J.H. Bryant Jr. Const. 720-2260
CONTRACTOR (C B A) Phone

17217 S. Broadway, Gardena 90248
ADDRESS City Zip

OWNER-BUILDER DECLARATION

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☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WP-81-067141 Company Fremont

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date 10-8-82 Applicant Mark Bryant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name NONE

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Mark Bryant 10-8-82
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California
BUILDING PERMIT APPLICATION

PERMIT NO **14985**

JOB ADDRESS 1977 Saturn ST

LEGAL DESCRIPTION LOT TRACT

OWNER Lloyds Bank PHONE

OWNER ADDRESS 1977 Saturn CITY ZIP

ENGINEER STATE LIC. PHONE

ARCH.-DESIGNER STATE LIC. PHONE

CONTRACTOR J.H. Bryant Jr Inc PHONE

CONTRACTOR ADDRESS 17217 S. Broadway, CITY Gardena ZIP 90248

JOB DESCRIPTION	NEW	ADD	DEMO	FIRE	ALTER
					✓

Non-Bearing Partition Walls for Plastic Card Repro. Room

NO. UNITS | BEDROOMS/UNIT | PARKS & RECREATION FEE

DEMO OR ____ AMT DUE $ ____

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	SQ. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION	EXT WALLS	ROOF	FLOOR

JOB ADDRESS 1977 Saturn

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 800.00

ENERGY ANALYSIS APPROVED PLAN CHECK 800 APPROVED

BUILDING PERMIT APPROVED 800 10-8-82 DATE

PARKING N/A PLOT PLAN N/C

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE:

PLAN CHECK	10.—
ENERGY ANALYSIS	—
BUILDING PERMIT	10.—
EARTH QUAKE	.50
PLAN STORE	—
TOTAL FEE	$ 20.50

MAP NO.

ZONE C-4

OCCUP GROUP B-2

CONST TYPE III-1hr

LOT SIZE W/C

AFFIDAVITS —

ENGINEERING —

PLANNING —

FIRE DEPT —

WORK COMP. EXP. July 83

FINAL INSPECTION Paul Schmeiser 12-14-82

CASHIER'S USE ONLY

10-8-82

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-C10 License No. 364034

Exp. Date 8-31-83 Signature of Contractor Mark Bryant

J.H. Bryant Jr. Const. 720-2260
CONTRACTOR (C B A) Phone

17217 S. Broadway, Gardena 90248
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C. - The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that it was not built or improved for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.- The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WP-81-067141 Company Argonaut

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date 10-8-82 Applicant Mark Bryant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name NONE

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Mark Bryant 10-8-82
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California
BUILDING PERMIT APPLICATION

PERMIT NO **14985**

JOB ADDRESS 1977 Saturn ST

LEGAL DESCRIPTION LOT TRACT

OWNER Lloyds Bank PHONE

OWNER ADDRESS 1977 Saturn CITY ZIP

ENGINEER STATE LIC. PHONE

ARCH.-DESIGNER STATE LIC. PHONE

CONTRACTOR J.H. Bryant Jr Inc PHONE

CONTRACTOR ADDRESS 17217 S. Broadway, Gardena CITY 90248 ZIP

JOB DESCRIPTION	NEW	ADD	DEMO	FIRE	ALTER
					X

Non-Bearing Partition Walls for Plastic Card Repro. Room

NO. UNITS | BEDROOMS/UNIT | PARKS & RECREATION FEE | DEMO CR____ AMT DUE $ ____

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	SQ. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION	EXT WALLS	ROOF	FLOOR

JOB ADDRESS 1977 Saturn

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 800.00

ENERGY ANALYSIS APPROVED PLAN CHECK 800 APPROVED

BUILDING PERMIT APPROVED 800 10-8-82 DATE

PARKING N/A PLOT PLAN N/C

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE:

PLAN CHECK	10.—
ENERGY ANALYSIS	—
BUILDING PERMIT	10.—
EARTH QUAKE	.50
PLAN STORE	—
TOTAL FEE	$ 20.50

MAP NO.	
ZONE	C-4
OCCUP GROUP	B-2
CONST TYPE	III-1hr
LOT SIZE	N/C
AFFIDAVIT	—
ENGINEERING	—
PLANNING	—
FIRE DEPT	—
WORK COMP EXP	July 83
FINAL INSPECTION	Paul Schmeiser 12-14-82

CASHIER'S USE ONLY

10-8-82

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

C20SC4 SC38 License Class ..... License No. 158760

Exp. Date 12/31/83 Signature of Contractor .....

UNITED AIR CONDITIONING CORP. 289-6213
CONTRACTOR (D B A) Phone

632 MONTEREY PASS ROAD MONTEREY PARK, CA.
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Workers' Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.). INDUSTRIAL INDEMNITY

Policy No. CB 847-5095 Company .....

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 03/03/83 Applicant .....

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

03/03/83
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Use Verified By: OK RL

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 90 days this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days

JOB ADDRESS: 1977 SATURN ST.

☐ DWLG ☐ APTS ☒ COMM. ☒ ALTNS ☐ REPAIR

PERMIT NO. 01367

MONTEREY PARK BUILDING DEPARTMENT

B-864 **MECHANICAL** — RECEIPT — PERMIT

OWNER LLOYDS BANK PHONE

ADDRESS 1977 SATURN ST. CITY MONTEREY PARK, CA.

CONTRACTOR UNITED AIR CONDITIONING PHONE 289-6213

WORK COMP. EXP. 07/01/83 ISSUED BY

SPECIAL INSP DATE

	FURNACE B. T. U.		APPLIANCE VENT		FIREPLACE	EVAPORATIVE COOLER	WORK PERMIT
			AIR HANDLER C.F.M.		HOOD	POOL HEATER B.T.U.	
	A. C. COMP. SIZE						
			VENT FAN				
	2 CONTROL DAMPERS		VENT SYSTEM			GAS SYSTEM	
			DIFFUSERS REGISTERS		GAS VENT	GAS OUTLETS	
			FIRE DAMPERS			JOB FINAL PS 1-22-83	

0.00	Permit Issuance Fee. 1	ALL FEES ARE PER "EACH"	
8.00	All Furnaces up to 100M B. T. U. (w/Vent)	$10	00
15.00	All Furnaces OVER 100M B. T. U. (w/Vent)	12	00
6.00	Appliance Vent (New, Replace, Relocate)	12	
10.00	Heater; Refrig.; Absorp. System/Unit (New/Alter)	24	
8.00	Comp./Boiler up to 3 H.P./100M	9 5	30
15.00	Comp./Boiler OVER 3-15 H.P./OVER 100M 500M		
20.00	Comp./Boiler OVER 15-30 H.P./OVER 500M 1000M	8	70
30.00	Comp./Boiler OVER 30-50 H.P./OVER 1000M - 750M		
50.00	Comp./Boiler OVER 50 H.P./OVER 1750M		
6.00	Air Handler up to and including 10M C. F. M.		
3.00	Air Handler OVER 10M C. F. M.		
6.00	Evaporative Cooler (Permanent)		
4.00	Vent Fan (Single Duct); Vent System		
6.00	Appliance or Equipment Not Listed 2 CONTROL DAMPERS	ENERGY 3.30	
1.00	Diffusers (Supply and Return) Registers	TOTAL $25.30	
5.00	Gas System (5 outlets)	PLAN CHECK FEE - ½ PERMIT FEE	
1.00	Gas System (6 or more outlets)	ENERGY FEE - 15% OF PERMIT FEE	

NOTICE - THE PERMIT FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK AS ESTABLISHED BY THE BUILDING OFFICIAL. Example: Underground, Rough, Finish.

CONTRACTORS SIGNATURE .....

Cashier's Use Only 3-11-83

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 300157

Exp. Date 8-31-83 Signature of Contractor A. W. Moffett

CAROL ELECTRIC CO. 634-6780
CONTRACTOR (D B A) Phone

15729 TELEGO PARAMOUNT 90723
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date 3-4 Signature of Owner A. W. Moffett

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. NI808 0291 Company FARMER'S TRUCK EXCHANGE

☒ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 4-4-83 Applicant CAROL ELECT.

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

A. W. Moffett 4-4-83
Signature of Owner or Contractor (ONLY) Date

Owner Verified By: City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 Saturn

☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

PERMIT NO. 016298

OWNER Lloyds Bank PHONE

ADDRESS 1977 Saturn CITY Mont. Park

CONTRACTOR Carol Electric Co PHONE 634-6780

WORK COMP. Farmer's Truck Exch. 4-17-83 ISSUED BY [illegible]

SPECIAL INSP DATE 4-4-83

PERMIT FEE	87.—
PLAN CHECK	
ENERGY FEE	
TOTAL FEES	87.—

		RO	FIN.	$10.00
	Permit issuance Fee			
	Service, Sub panels up to 600 volts, or 200 amp.	1.	1.	24.00
	Over 600 volts, or 20 to 600 amp	2.	.50	10.00
	Over 600 volts, or 100 to 6000 amp.	2.	1.	36.00
	Sub-pane	.25	.25	6.00
	Temporary power pole Parking lot standard		1.	2.00
	Each additional pole or circuit		.25	6.00
116	( ) Outlets, ( ) appl. outlets, ( ) receptacles ( ) switches, ( ) fixtures ( ) fastoon lighting, constr. power outs. 1-10 outlets.	1.	1.	24.00
	Each additional of the above.	.125	.125	.50 53
	Misc. Equip.: ( ) small appl., ( ) appl. circ., ( ) branch circ. ( ) cashway syst., ( ) sign ballast, ( ) flasher, ( ) timer, ( ) misc. conduit or conductor, ( ) under ground. Inspection each.		1.	17.00
	Two inspections required for each.	1.	1.	24.00
	Inspection for each additional item same permit.	.25	.25	6.00
	Power Apparatus (Rated: HP KW KVA)			
	Motor, heating systems appliance etc. Rated 0-5 HP	1.	1.	24.00
	Each add. 0.5 HP on same permit	.25	.25	6.00
	Power rated 6-30 HP	1.25	1.	27.00
	Each add. 6-30 HP on same permit	.50	.25	9.00
	Power rated 31-100 HP	1.25	1.25	30.00
	Each add. 31-100 HP on same permit	1.	.5	18.00
	Power rated over 100 HP	2.	.25	39.00
	Swim pool, spa, or combination	1.5	1.	30.00
	Working Permit			5.00
	Master Electrician annual registration			25.00
	Plan checks fee - 1/2 Permit Fee			

3-4-83 Paul Schwartz

NOTICE — THE PERMIT FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK AS ESTABLISHED BY THE BUILDING OFFICIAL. Example: Underground Rough, Finish.

CONTRACTORS SIGNATURE A. W. Moffett

Cashier's Use Only
PD 4-4-83

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-2 License No. 185639

Date 2-23-83 Contractor Pacific Bldg Int.

Pacific Bldg Int. Inc 223-1124
CONTRACTOR (D B A) Phone

6363 Alhambra Ave LA. 90032.
ADDRESS City Zip

OWNER BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Owner .....

WORKERS COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Workers Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 82-WC-116697-0 Company Mission Ins.

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date 2-23-83 Applicant Ad J. Bova

CERTIFICATE OF EXEMPTION FROM WORKERS COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name None

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Ad J. Bova 2-23-83
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO. 15265

LEGAL DESCRIPTION LOT BLOCK TRACT

JOB ADDRESS 1977 Saturn St.

OWNER Lloyds Bank Ca. PHONE 727-3241

OWNER ADDRESS 1977 Saturn St. CITY M.P. ZIP 727-3264

ENGINEER None STATE LIC. PHONE

ARCH-DESIGNER None STATE LIC. PHONE

CONTRACTOR Pacific Building Interiors Inc 223-1124 PHONE

PLAN CHECK	52.00
ENERGY ANALYSIS	
BUILDING PERMIT	52.00
EARTH QUAKE	.50
PLAN STORE	
TOTAL $ FEE	104.50

JOB DESCRIPTION: NEW ☐ ADD ☒ DEMO ☐ FIRE ☐

Wall relocation, Bldg addl & alteration work

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION: EXT. WALLS Conc. ROOF FLOOR Conc.

JOB ADDRESS 1977 Saturn St.

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 4440.00

ENERGY ANALYSIS APPROVED PLAN CHECK APPROVED

BUILDING PERMIT APPROVED Paul Schmingen 2-23-83 DATE

NO. UNITS	BEDROOMS/UNIT	PARKS & RECREATION FEE
		DEMO CR_____ AMT DUE $ _____

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

MAP NO.	
ZONE	
OCCUP GROUP	B-2
CONST. TYPE	I
LOT SIZE	
APP DATE	
ENGINEERING	
PLANNING	
FIRE DEPT	
WORK COMP	7-1-83
FINAL INSPECTION	Bill Davis 4-28-83

CASH REGISTER USE ONLY
PLAN CHECK
ENERGY ANALYSIS
BUILDING PERMIT
EARTH QUAKE
PLAN STORAGE 2-23-83 JR

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 380 157

Exp. Date 8-31-83 Signature of Contractor [signature]

JOHN R. FUQUA
CAROL 634-6780
CONTRACTOR (D B A) Phone

15729 Texaco Ave Paramount 90723
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. NI8080291 Company FARMER'S Insurance Exchange

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 6-6-83 Applicant CAROL Electric Co.

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Comp. provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct, agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

[signature] 6-6-83
Signature of Owner or Contractor ONLY Date

Owner Verified By: City Lic. Verified By: [signature] 10271

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 Saturn Ave

☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT PERMIT

OWNER Lloyds Bank PHONE
ADDRESS 1977 Saturn CITY Mont. Park
CONTRACTOR CAROL Elect. PHONE 634-6780
WORK COMP. NI8 08 0291 ISSUED BY [signature]
SPECIAL INSP 7-6-83 DATE 6/6/83

PERMIT NO. 16382

PERMIT FEE	106.00
PLAN CHECK	
ENERGY FEE	
TOTAL FEES	106.00

	Permit Issuance Fee	RO	TIN.	$10.00
4	Service, Sub-panels, up to 600 volts, or 200 amp. 100 AMP	1.	1.	24.00
	Over 600 volts, or 200 to 600 amp.	2.	.50	30.00
	Over 600 volts, or 200 to 6000 amp.	2.	1.	36.00
	Sub-pane	.25	.25	6.00
	Temporary power pole Parking at standard		1.	12.00
	Each additional pole or circuit		.25	6.00
	( ) Outlets, ( ) appl. outlets, ( ) receptacles, ( ) switches, ( ) fixtures ( ) festoon lighting, constr. power ers, 10 outlets.	1.	1.	24.00
	Each additional of the above.	.125	.125	.60
	Misc. Equip.: ( ) small appl., ( ) appl. circ., ( ) branch circ., ( ) busway sys., ( ) sign base, ( ) flasher, ( ) timer, ( ) misc. circuit or conductor, ( ) under ground. 1 inspection each.		1.	12.00
	Two inspections required for each	1.	1.	24.00
	Inspection for each additional item same permit	.25	.25	6.00
	Power Apparatus (Rated: HP - KW - KVA) Motor, heating systems appliance etc. Rated 0-5 HP	1.	1.	24.00
	Each add. 0-5 HP on same permit	.25	.25	6.00
	Power rated 6-30 HP	1.25	1.	27.00
	Each add. 6-30 HP on same permit	.50	.25	9.00
	Power rated 31-100 HP	1.25	.25	30.00
	Each add. 31-100 HP on same permit	1.	.5	18.00
	Power rated over 100 HP	2.	.25	39.00
	Swim pool, spa, or combination	1.5	1.	30.00
	Working Permit			5.00
	Maint. Electrician, annual registration			25.00
	Plan check fee - ½ Permit Fee			

6-28-83 David Perdue

NOTICE — THE PERMIT FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK AS ESTABLISHED BY THE BUILDING OFFICIAL. Example: Underground, Rough, Finish.

CONTRACTORS SIGNATURE [signature]

Cashier's Use Only
PD 6-7-83

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 380157

Exp. Date 8-31-83 Signature of Contractor Alan W. Moffett

CAROL Electric Co. 634-6780
CONTRACTOR (D B A) Phone

15729 Texaco Paramount 90723
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. NIB-82-0291 Company Farmers Truck Exchange

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 8-2-83 Applicant CAROL ELECTRIC

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Alan W. Moffett 8-2-83
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 30 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 Saturn Ave

☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

PERMIT NO. 16493

OWNER Lloyds Bank PHONE

ADDRESS 1977 Saturn Ave CITY Mont. Park

CONTRACTOR Carol Elect. PHONE 634-6780

WORK COMP. Farmers Truck ISSUED BY

SPECIAL INSP 8-1-84 DATE 8-2-83

PERMIT FEE	34.—
PLAN CHECK	
ENERGY FEE	
TOTAL FEES	34.—

		RQ.	IN.	$10.00
	Permit Issuance Fee			
	Service, Sub panels, up to 600 volts or 200 amp.	1.	1.	24.00
	Over 600 volts, or 201 to 1000 amp.	2.	.50	30.00
	Over 600 volts or 1001 to 6000 amp.	3.	1.	36.00
	Sub panel	.25	.25	6.00
	Temporary power pole, Parking lot standard		1.	12.00
	Each additional pole or circuit		.25	6.00
	(1) Outlets, ( ) appl. outlets ( ) receptacles, ( ) switches, ( ) fixtures ( ) festoon lighting, console power circ., 1-10 outlets.	1.	1.	24.00
	Each additional of the above.	.125	.125	3.00
	Misc. Equip: ( ) total appl. ( ) appl circ. ( ) branch circ. ( ) busway syst., ( ) sign ballast, ( ) flasher ( ) timer, ( ) misc. conduit or conductors ( ) under ground. 1 inspection each.		1.	12.00
	Two inspections required for each.	1.	1.	24.00
	Inspection for each additional from same permit.	.25	.25	6.00
	Power Apparatus (Rated; HP KW KVA) Motor, heating systems appliances, etc. Rated 0.5 HP	1.	1.	24.00
	Each add. 0.5 HP on same permit	.25	.25	6.00
	Power rated 6.30 HP	1.25	1.	27.00
	Each add. 6.30 HP on same permit	.50	.25	9.00
	Power rated 31-100 HP	1.25	1.25	30.00
	Each add. 31-100 HP or same permit	1.	.5	18.00
	Power rated over 100 HP	2.	1.25	39.00
	Swim pool, spa or combination	1.5	1.	30.00
	Working Permit			5.00
	Maint. Electrician, annual registration			25.00
	Plan check fee ½ Permit Fee			

NOTICE — THE PERMIT FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK AS ESTABLISHED BY THE BUILDING OFFICIAL. Example: Underground, Rough Finish.

CONTRACTORS SIGNATURE Alan W. Moffett

Cashier's Use Only

8-2-83

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 301083

Exp. Date ..... Signature of Contractor Jan R Young

Langstaff Electric 447-8184
CONTRACTOR (D B A) Phone

X 610 No San Jin Anita Arcadia
ADDRESS City Zip 91006

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.)):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. RCS 105418 Company Royal Ins

☒ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 9-24-84 Applicant Langstaff Elect

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X [illegible] III
Signature of Owner or Contractor ONLY Date

Owner Verified By: RJ	City Lic. Verified By: [illegible]

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection or job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN ST

☐ DWLG ☐ APTS ☒ COMM. ☒ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT PERMIT

PERMIT NO. 17248

OWNER Lloyds PHONE 727-3265

ADDRESS 1977 Saturn CITY 447-8184

CONTRACTOR Langstaff Electric PHONE

ADDRESS 610 No San Jin Anita Arcadia

WORK COMP 7-1-85 ISSUED BY Paul S DATE 9-24-84

PERMIT FEE	119.00
PLAN CHECK	
ENERGY FEE	
PENALTY FEE	
TOTAL FEES	119.00

Each			
	Permit issuance Fee	$10.00	10.00
	Service, Sub-panels, up to 600 volts, or 200 amp.	24.00	
	Over 600 volts, or 201 to 1000 amp.	30.00	
	Over 600 volts, or 1001 to 6000 amp	36.00	
	Sub-panel	6.00	
	Temporary power pole, Parking lot standard	12.00	
	Each additional pole or circuit	6.00	
10	( ) Outlets, ( ) appl. outlets, (108) receptacles, ( ) switches, ( ) fixtures ( ) fesroon lighting, constr. power circ., 1-10 outlets.	24.00	24.00
98	Each additional of the above.	.50	49.00
1	Misc. Equipt ( ) small appl., ( ) appl. circ., (5) branch circ., ( ) busway syst., ( ) sign bullet, ( ) [illegible] ( ) timer, ( ) misc. conduit or conductor, ( ) under ground. inspection each.	12.00	12.00
4	Two inspections required for each.	24.00	
	Inspection for each additional item, same permit.	6.00	24.00
	Power Apparatus (Rated: HP - KW - KVA) Motor, heating systems appliance etc. Rated 0-5 HP	24.00	
	Each add. 0-5 HP on same permit	6.00	
	Power rated 6-30 HP	27.00	
	Each add. 6-30 HP on same permit	9.00	
	Power rated 31-100 HP	30.00	
	Each add. 31-100 HP on same permit	18.00	
	Power rated over 100 HP	39.00	
	Swim pool, spa or combination	30.00	
	Working Permit	5.00	
	Maint. Electrician, annual registration	25.00	
	Plan check fee ½ Permit Fee		

NOTICE — THE PERMIT FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK AS ESTABLISHED BY THE BUILDING OFFICIAL. Example: Underground, Rough, Finish. CONTRACTORS SIGNATURE X [illegible] III

JOB FINAL 10-11-84 George Reid

TOTAL 119.00

Cashier's Use Only Paid 9-24-84

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (Commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-1 License No. 188629

Exp. Date ..... Signature of Contractor .....

PACIFIC BUILDING INT 223-1124
CONTRACTOR (D B A) Phone

5363 ALHAMBRA L.A 90032
ADDRESS City Zip

OWNER BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9 (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00).):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC 42-0784-16443 Company HAYDEN-BOETTCHER

☑ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety

Date 10-17-84 Applicant K. DON RANDOLPH

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name N/A

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor ONLY Date 10/17/84

Owner Verified By:	City Lic. Verified By:

IMPORTANT

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO. 17139

JOB ADDRESS 1977 SATURN

LEGAL DESCRIPTION LOT TRACT

OWNER LLOYDS BANK PHONE 613-2993

OWNER ADDRESS 612 S. FLOWER ST. CITY CA ZIP

ENGINEER STATE LIC. PHONE

ARCH.-DESIGNER STATE LIC. PHONE

CONTRACTOR PACIFIC BUILDING INTERIORS PHONE

CONTRACTOR ADDRESS CITY ZIP

JOB DESCRIPTION	NEW	ADD	DEMO	FIRE
		X		

INTERIOR PARTITIONS - 2ND FLOOR OFFICE
WALL EXTENTIONS

NO. UNITS | BEDROOMS/UNIT | PARKS & RECREATION FEE DEMO CR_____ AMT DUE $ _____

BUILDING AREA	BASEMENT AREA	STORIES	HEIGHT	NO. OFF-STREET PARKING SPACES
4000 SQ FT				

MATERIAL OF CONSTRUCTION	EXT WALLS	ROOF	FLOOR

JOB ADDRESS 1977 SATURN

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 10,000

ENERGY ANALYSIS APPROVED PLAN CHECK AM. APPROVED

BUILDING PERMIT APPROVED AM. 10/17/84 DATE

FINAL INSP. IS DEPENDANT ON APPROVAL OF FIRE SPRINKLERS

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE:

PLAN CHECK	84.00
ENERGY ANALYSIS	—
BUILDING PERMIT	84.00
EARTH QUAKE	—
PLAN STORE	
TOTAL FEE $	169.00

MAP NO.
ZONE
OCCUP GROUP
CONST TYPE
LOT SIZE
AFFIDAVITS
ENGINEERING
PLANNING
FIRE DEPT
WORK COMP. EXP. 2-12-85
FINAL INSPECTION Dave Sandy 12-27-84

CASHIER'S USE ONLY
10/17/84

DECLARATIONS

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LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (Commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-1 License No. 488629

Exp. Date ..... Signature of Contractor .....

PACIFIC BUILDING INT 223-1124
CONTRACTOR (D B A) Phone

5363 ALHAMBRA L.A 90032
ADDRESS City Zip

OWNER BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9 (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00).):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

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☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC 42-0784-16443 Company HAYDEN-BOETTCHER

☑ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety

Date 10-17-84 Applicant K. DON RANDOLPH

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name N/A

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor ONLY Date 10/17/84

Owner Verified By:	City Lic. Verified By:

IMPORTANT

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO. 017132

JOB ADDRESS 1977 SATURN

LEGAL DESCRIPTION LOT TRACT

OWNER LLOYDS BANK PHONE 613-2983

OWNER ADDRESS 612 S. FLOWER ST. CITY CA ZIP

ENGINEER STATE LIC. PHONE

ARCH.-DESIGNER STATE LIC. PHONE

CONTRACTOR PACIFIC BUILDING INTERIORS PHONE

CONTRACTOR ADDRESS CITY ZIP

JOB DESCRIPTION	NEW	ADD	DEMO	FIRE
		X		

INTERIOR PARTITIONS - 2ND FLOOR OFFICE
WALL EXTENTIONS

NO. UNITS	BEDROOMS/UNIT	PARKS & RECREATION FEE
		DEMO CR_____ AMT DUE $ _____

BUILDING AREA	BASEMENT AREA	STORIES	HEIGHT	NO. GUEST RMS. OR LOC.
4000 SQ FT				

MATERIAL OF CONSTRUCTION	EXT WALLS	ROOF	FLOOR

JOB ADDRESS 1977 SATURN

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 10,000

ENERGY ANALYSIS APPROVED PLAN CHECK AM. APPROVED

BUILDING PERMIT APPROVED AM. 10/17/84 DATE

FINAL INSP. IS DEPENDANT ON APPROVAL OF FIRE SPRINKLERS

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE:

PLAN CHECK	84.00
ENERGY ANALYSIS	—
BUILDING PERMIT	84.00
EARTH QUAKE	—
PLAN STORE	
TOTAL FEE $	169.00

MAP NO.	
ZONE	
OCCUP GROUP	
CONST TYPE	
LOT SIZE	
AFFIDAVITS	
ENGINEERING	
PLANNING	
FIRE DEPT	
WORK COMP. EXP.	2-10-85
FINAL INSPECTION	Dave Sandy 12-27-84

CASHIER'S USE ONLY

10/17/84

DECLARATIONS

This Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class B, C-10 License No. 364044

Exp. Date 6-1-88 Signature of Contractor X Mark D Bryant

(213)770-2260

J.H. BRYANT JR CONTR. INC
CONTRACTOR (D B A) Phone

17217 S. BROADWAY, GARDENA 90248
DRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 291 7-00-054704 Company WAUSAU.

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 6-27-86 Applicant X Mark D Bryant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: IF, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

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X Mark D Bryant 6-27-86
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California
BUILDING PERMIT APPLICATION

PERMIT NO 18901

JOB ADDRESS 1977 SATURN

LEGAL DESCRIPTION LOT TRACT

OWNER Lloyds BANK PHONE

OWNER ADDRESS 1977 SATURN CITY MONTEREY PARK ZIP

ENGINEER STATE LIC. PHONE

ARCH.-DESIGNER STATE LIC. PHONE

CONTRACTOR J.H. Bryant Jr. Contr. Inc PHONE 213 770-2260

CONTRACTOR ADDRESS 17217 S. Broadway CITY Gardena ZIP 90248

JOB DESCRIPTION: NEW | ADD X | DEMO | FIRE

Build office partition 37 Linial feet 9'-0" High

NO. UNITS | BEDROOMS/UNIT | PARKS & RECREATION FEE | DEMO CR____ AMT DUE $ ____

BUILDING AREA | GARAGE AREA | STORIES | HEIGHT | NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION: EXT WALLS | ROOF | FLOOR

JOB ACCRESS 1977 SATURN

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 1500 ⁰⁰

ENERGY ANALYSIS APPROVED | PLAN CHECK APPROVED

BUILDING PERMIT APPROVED Paul Cunningham 6/27/86 DATE

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE:

PLAN CHECK	35.⁰⁰
ENERGY ANALYSIS	
BUILDING PERMIT	35.⁰⁰
EARTH QUAKE	.50
PLAN STORE	
TOTAL FEE $	70.⁵⁰

MAP NO.

ZONE S

OCCUP GROUP

CONST. TYPE

LOT SIZE

ENGINEERING

PLANNING

FIRE DEPT S

WORK COMP EXP. 7-1-87

FINAL INSPECTION Yung Kao 7-28-86

CASHIER'S USE ONLY

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 364044

Exp. Date 6-1-88 Signature of Contractor X Mark D Bryant

J.H. BRYANT Jr CONTR 213 770-2260
CONTRACTOR (D B A) Phone

17217 S. BROADWAY, GARDENA 90248
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ , as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 2027-60-057204 Company WAUSAU

☒ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 7-2-86 Applicant X Mark D Bryant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X Mark D Bryant 6-27-86
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS:

☐ DWLG ☐ APTS ☐ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

PERMIT NO. 18365

OWNER Lloyds Bank PHONE

ADDRESS 1977 Saturn CITY Monterey Park

CONTRACTOR J.H. Bryant Jr. PHONE 213 770-2260

ADDRESS 17217 S. Broadway, Gardena

WORK COMP. ☐ ISSUED BY Paul S DATE 6/27/86

PERMIT FEE	27.00
PLAN CHECK	
ENERGY FEE	
PENALTY FEE	
TOTAL FEES	27.00

Quantity			
	Permit Issuance Fee	$12.00	12.00
	Services EACH up to 600 volts and/or 200 amps	20.00	
	Over 600 volts and/or 201 to 1200 amps	40.00	
	Over 600 volts and 1201 to 6000 amps	80.00	
	Sub-panel or Switch Board EACH	12.00	
	Temporary power pole - ONE	15.00	
	Each additional pole	8.00	
2	Outlets: 1-10 of the following ( )Outlets (/)Receptacles (/)Switches ( )Fixtures ( )	15.00	15.00
	Each additional of the above	.75	
	Misc.Equip. Each: ( )Dishwasher ( )Disposal ( ) ( )Clotheswasher ( )Bath Fans ( )Sign Circuit ( )Festoon 20 Lights ( )Bus/Raceway ( )Branch Circuit	5.00	
	Power Apparatus, Motors, Heating Systems, Electric Powered Equipment (Rated: HP=KW=KVA) Rated 0-5 HP	18.00	
	Each additional 0-5 HP or same permit	9.00	
	Power rated 6-30 HP	22.00	
	Each additional 6-30 HP or same permit	12.00	
	Power rated 31-100 HP	32.00	
	Each additional 31-100 HP on same permit	24.00	
	Power rated over 100 HP EACH	45.00	
	Swim Pool, Spa or in Combination	35.00	
	Working Permit	25.00	
	Maintenance Electrician Annual Registration	30.00	
	Plan Check Fee		
		Total	27.00

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

CONTRACTOR'S SIGNATURE: X Mark D Bryant

Job Final Young Kab Date 7-28-86

Cashier's Use

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class ..... License No. 402483

Exp. Date 12-30-86 Signature of Contractor .....

BRYANT MAINTENANCE CONSTRUCTION 213 770 2260
CONTRACTOR (D B A) Phone

17217 S. BROADWAY GARDENA 90248
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 2017-00-05470 Company WAUSAU

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 12-2-86 Applicant J.H. BRYANT

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor ONLY — Date 12-3-86

Owner Verified By: RJ

City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN ST.

☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT PERMIT

PERMIT NO. 18588

OWNER SANWA BANK OF CAL PHONE 7273245 CITY

ADDRESS SAME

CONTRACTOR BRYANT MAINT. CONSTRUCTION PHONE 213 770 2260

ADDRESS 17217 S. BROADWAY GARDENA 90248

WORK COMP 1/1/87 ISSUED BY Paul S DATE 12/8/86

PERMIT FEE	57.00		
PLAN CHECK	-		
ENERGY FEE	-		
PENALTY FEE	-		
TOTAL FEES	57.00		

Quantity			
	Permit Issuance Fee	$12.00	12.00
	Services EACH up to 600 volts and/or 200 amps	20.00	
	Over 600 volts and/or 201 to 1000 amps	40.00	
	Over 600 volts and 1001 to 6000 amps	60.00	
	Sub-panel or Switch Board EACH	12.00	
	Temporary power pole - ONE	15.00	
	Each additional pole	8.00	
42	Outlets: 1-10 of the following (19)Outlets (19)Receptacles (4)Switches (19)Fixtures ( )	15.00	15.00
	Each additional of the above	.75	24.00
	Misc.Equip. Each: ( )Dishwasher ( )Disposal ( ) ( )Clotheswasher ( )Bath Fans ( )Sign Circuit ( )Festoon 25 Lights ( )Bus/Raceway ( )Branch Circuit	5.00	
	Power Apparatus, Motors, Heating Systems, Electric Powered Equipment (Rated: HP-KW-KVA) Rated 0-5 HP	18.00	
	Each additional 0-5 HP on same permit	9.00	
	Power rated 6-30 HP	22.00	
	Each additional 6-30 HP on same permit	12.00	
	Power rated 31-100 HP	32.00	
	Each additional 31-100 HP or same permit	24.00	
	Power rated over 100 HP EACH	45.00	
	Swim Pool, Spa or In Combination	35.00	
	Working Permit	25.00	
	Maintenance Electrician - Annual Registration	30.00	
	Plan Check Fee		
		Total	57.00

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

CONTRACTOR'S SIGNATURE: Mark W Bryant Date 12-3-86

Job Final 12986 Dave Mendez

Cashier's Use

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-1 License No. 402483

Exp. Date 12-30-86 Signature of Contractor J.N. Bryant

BRYANT MAINTENANCE CON.
CONTRACTOR (D B A) Phone

7217 S. BROADWAY GARDENA 90248.
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

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Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 2077-00-05470 Company WAUSAU

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 10/3/86 Applicant J.N. Bryant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

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CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

.....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X .....
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

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CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO. 19132

JOB ADDRESS 1977 SATURN ST

LEGAL DESCRIPTION LOT TRACT 6131

OWNER SANWA BANK OF CALIF. PHONE 727-3265

OWNER ADDRESS SAME CITY ZIP

ENGINEER STATE LIC. PHONE

ARCH.-DESIGNER STATE LIC. PHONE

CONTRACTOR BRYANT MAINTENANCE CONSTRUCTION (213) PHONE 770-2260

CONTRACTOR ADDRESS 7217 S. BROADWAY CITY GARDENA ZIP 90248

JOB DESCRIPTION: NEW | ADD X | DEMO | FIRE

TENANT IMPROVEMENT - OFFICE PARTITIONS RE ARRANGEMENT - BUILD NEW BEARING

NO. UNITS | BEDROOMS/UNIT | PARKS & RECREATION FEE: DEMO CR____ AMT DUE $ ____

BUILD'G AREA | GARAGE AREA | STORIES | HEIGHT | NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION: EXT. WALLS | ROOF | FLOOR

JOB ADDRESS 1977 SATURN

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 8000.00

ENERGY ANALYSIS APPROVED | PLAN CHECK P.C. APPROVED 10-3-86

BUILDING PERMIT APPROVED Peter Jung DATE

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE:

PLAN CHECK	94.00
ENERGY ANALYSIS	
BUILDING PERMIT	94.00
EARTH QUAKE	56
PLAN STORE	
TOTAL FEE	$ 188.56

MAP NO.

ZONE

OCCUP GROUP

CONST. TYPE

LOT SIZE

ENGINEERING

PLANNING BD.

FIRE DEPT RM.

WORK COMP EXP. 7/1/87

FINAL INSPECTION Daniel Sanchez 12-9-86

CASHIER'S USE ONLY

DECLARATIONS

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LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-1 License No. 402483

Exp. Date 12-30-86 Signature of Contractor J.N. Bryant

BRYANT MAINTENANCE CON.
CONTRACTOR (D B A) Phone

7217 S. BROADWAY GARDENA 90248.
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason: (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. , B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 2077-00-05470 Company WAUSAU

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 10/3/86 Applicant J.N. Bryant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

.....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X .....
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days this permit shall become null and void by time limitation. A signed inspection or job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO. 19132

JOB ADDRESS 1977 SATURN ST

LEGAL DESCRIPTION LOT TRACT 6131

OWNER SANWA BANK OF CALIF. PHONE 727-3265

OWNER ADDRESS SAME CITY ZIP

ENGINEER STATE LIC. PHONE

ARCH.-DESIGNER STATE LIC. PHONE

CONTRACTOR BRYANT MAINTENANCE CONSTRUCTION (213) PHONE 770-2260

CONTRACTOR ADDRESS 7217 S. BROADWAY CITY GARDENA ZIP 90248

JOB DESCRIPTION: NEW | ADD X | DEMO | FIRE

TENANT IMPROVEMENT - OFFICE PARTITIONS

RE ARRANGEMENT - BUILD NON BEARING

NO. UNITS	BEDROOMS/UNIT	PARKS & RECREATION FEE
		DEMO CR____ AMT DUE $ ____

BUILT-UP AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION	EXT. WALLS	ROOF	FLOOR

JOB ADDRESS 1977 SATURN

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 8000.00

ENERGY ANALYSIS APPROVED PLAN CHECK P.C. APPROVED 10-3-86

BUILDING PERMIT APPROVED Peter Jung DATE

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE:

PLAN CHECK	94.00
ENERGY ANALYSIS	
BUILDING PERMIT	94.00
EARTH QUAKE	56
PLAN STORE	
TOTAL FEE	$ 188.56

MAP NO.

ZONE

OCCUP GROUP

CONST. TYPE

LOT SIZE

ENGINEERING

PLANNING BD.

FIRE DEPT. RM.

WORK COMP EXP. 7/1/87

FINAL INSPECTION David Sanchez 12-9-86

CASHIER'S USE ONLY

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 402483

Exp Date 9/87 Signature of Contractor J. N Bryant for

BRYANT Maint. Construction 532-1840
CONTRACTOR (D B A) Phone

17217 S. Broadway Gardena 90248
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9 (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 2017-00-054704 Company SUPERIOR

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 2/10/87 Applicant J. N Bryant for

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

.....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X .....
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN

☐ DWLG ☐ APTS ☐ COMM. ☐ ALTNS ☐ REPAIR

PERMIT NO. 18677

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT PERMIT

OWNER SANWA BANK OF CALIF PHONE
ADDRESS 1977 SATURN CITY
CONTRACTOR BRYANT MAINTENANCE CONSTRUC PHONE
ADDRESS 17217 S. BROADWAY, GARDENA 90248
WORK COMP. 7-1-88 ISSUED BY DATE 2-10-87

PERMIT FEE	54 75	
PLAN CHECK		
ENERGY FEE		
PENALTY FEE		
TOTAL FEES	54 75	

Quantity			
	Permit Issuance Fee	$12.00	12.00
	Services EACH up to 600 volts and/or 200 amps	20.00	
	Over 600 volts and/or 201 to 1000 amps	40.00	
	Over 600 volts and 1001 to 6000 amps	50.00	
	Sub-panel or Switch Board EACH	12.00	
	Temporary power pole - ONE	15.00	
	Each additional pole	8.00	
47	Outlets: 1-10 of the following (47)Outlets (5)Receptacles (4)Switches (49)Fixtures (47)	15.00	15.00
	Each additional of the above	.75	27.75
	Misc.Equip. Each: ( )Dishwasher ( )Disposal ( ) ( )Clothespeasher ( )Bath Fans ( )Sign Circuit ( )Festoon 20 Lights ( )Bus/Raceway ( )Branch Circuit	6.00	
	Power Apparatus, Motors, Heating Systems, Electric Powered Equipment (Rated: HP=KW=KVA) Rated 0-5 HP	9.00	
	Each additional 0-5 HP on same permit	9.00	
	Power rated 6-30 HP	22.32	
	Each additional 6-30 HP on same permit	12.00	
	Power rated 31-100 HP	32.00	
	Each additional 31-100 HP on same permit	24.00	
	Power rated over 100 HP EACH	45.00	
	Swim Pool, Spa or in Combination	35.00	
	Working Permit	25.00	
	Maintenance Electrician - Annual Registration	30.00	
	Plan Check Fee		
	Total	54 75	

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

CONTRACTOR'S SIGNATURE: J. N Bryant for

Job Final David Hardy Date 4-10-87

Cashier's Use

(818)367-1338

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 464280

Exp. Date 12/31/89 Signature of Contractor X Richard Hernandez

RAMTECH LIGHTING, 442-0886
CONTRACTOR (D B A) Phone

OR 31 REMER ST. S.EL MONTE
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 703 .5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation will do the work and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. ..... Company SELF-INSURED

☑ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date ..... Applicant X Richard Hernandez

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Comp. provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X Richard Hernandez 3/20/87
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN

☐ DWLG ☐ APTS ☐ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

PERMIT NO. 18702

OWNER SAKURA BANK PHONE

ADDRESS 1977 SATURN CITY

CONTRACTOR RAMTECH LIGHTING PHONE 442-0886

ADDRESS 9637 REMER ST. S.EL MONTE

WORK COMP. | ISSUED BY | DATE 3-9-87

PERMIT FEE	69 75
PLAN CHECK	
ENERGY FEE	
PENALTY FEE	
TOTAL FEES	69 75

Quantity			
	Permit Issuance Fee	$12.00	
	Services EACH up to 600 volts and/or 200 amps	20.00	
	Over 600 volts and/or 201 to 1000 amps	40.00	
	Over 600 volts and 1001 to 6000 amps	50.00	
	Sub-panel or Switch Board EACH	12.00	
	Temporary power pole - ONE	15.00	
	Each additional pole	8.00	
10	Outlets: 1-10 of the following ( )Outlets ( )Receptacles (4)Switches (4)Fixtures ( )	8.00	15 00
73	Each additional of the above	.75	54 75
	Misc.Equip. Each: ( )Dishwasher ( )Disposal ( ) ( )Clotheswasher ( )Data Pans ( )Sign Circuit ( )Festoon 20 Lights ( )Bus/Raceway ( )Branch Circuit	6.00	
	Power Apparatus, Motors, Heating Systems, Electric Powered Equipment (Rated: HP=KW=KVA) Rated 0-5 HP	12.00	
	Each additional 0-5 HP on same permit	9.00	
	Power rated 6-30 HP	22.00	
	Each additional 6-30 HP on same permit	12.00	
	Power rated 31-100 HP	32.00	
	Each additional 31-100 HP on same permit	25.00	
	Power rated over 100 HP EACH	45.00	
	Swim Pool, Spa or in Combination	35.00	
	Working Permit	25.00	
	Maintenance Electrician - Annual Registration	30.00	
	Plan Check Fee		
		Total	69 75

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

Cashier's Use

CONTRACTOR'S SIGNATURE:

Job Final David Sanchez Date 4-10-87

3-9-87

MAC JOB # 90706

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C20 License No. 198821

Exp. Date 8/87 Signature of Contractor Karen Yoo

Western-Allied Corp. (213)685-4050
CONTRACTOR (D B A) Phone

12046 E Florence SFS, CA 90670
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Workers Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. PC986683 Company Republic Indemnity

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 3/11/87 Applicant Western-Allied Corp.

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 Saturn Street

☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
MECHANICAL — RECEIPT — PERMIT

PERMIT NO. 03093

OWNER SANWA Bank PHONE

ADDRESS 1977 Saturn Street Monterey Park CITY

CONTRACTOR Western-Allied Corp (213)685-4050 PHONE

ADDRESS 12046 E Florence Santa Fe Springs 90670

WORK COMP. 8-1-87 ISSUED BY DATE 3-23-87

PERMIT FEE	$82.00
PLAN CHECK	
ENERGY FEE	
PENALTY FEE	
TOTAL FEES	$82.00

Quantity			
	Permit Issuance Fee	$12.00	12.00
	Furnace, new or relocate, up to 100M B.T.U.	20.00	
	Each additional furnace up to 100M B.T.U. on same permit	15.00	
	Furnace, new or relocate over 100M B.T.U.	25.00	
	Each additional furnace over 100M B.T.U. on same permit	20.00	
	Appliance vent: new, replace or relocate	12.00	
10	Diffusers or registers, 1-10	15.00	15.00
5	Each diffuser or register over 10	2.00	10.00
	Refrigeration or absorption unit new, alter, or relocate	20.00	
	Each additional of above on same permit	15.00	
	Compressor or boiler up to 3 HP or 100M B.T.U.	15.00	
	Compressor or boiler, 4-15 HP or 101-500M B.T.U.	20.00	
	Compressor or boiler, 16-30 HP or 501-1000M B.T.U.	30.00	
	Compressor or boiler, over 30 HP or over 1000M B.T.U.	60.00	
	Air handler to 10M C.F.M.	15.00	
	Air handler over 10M C.F.M.	25.00	
	Evaporative cooler	15.00	
3	Vent fan, ventilation system, duct extension or alteration	15.00	45.00
	Commercial hood including ducts	40.00	
	Metal fireplace with chimney, oil fired equipment, storage tanks, dipping tanks, appliance or equipment not listed	15.00	
	Gas system, 1-5 outlets	20.00	
	Each additional gas outlet	3.00	
	Plan Check Fee		
		Total	82.00

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

CONTRACTOR'S SIGNATURE: Karen Yoo

Job Final: Dave Lanchey Date: 3/13/87

4-10-87

Cashier's Use

3-24-87

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B License No. 188629

Exp. Date ..... Signature of Contractor X Stephen White

Pacific Building Interiors 213/223-1124
CONTRACTOR (D B A) Phone

5363 Alhambra Ave LA 90032
ADDRESS City Zip

OWNER-BUILDER DECLARATION

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☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date: ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. BWC605866 Company Highlands Ins.

☒ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date ..... Applicant X Stephen White

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X Stephen White
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection or job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO ~~1985~~ 19887

JOB ADDRESS 1977 SATURN STREET
LEGAL DESCRIPTION LOT TRACT PHONE 727-3264
OWNER SANWA BANIC CITY ZIP 91754
OWNER ADDRESS 1977 SATURN STREET STATE LIC. PHONE
ENGINEER STATE LIC. PHONE
ARCH.-DESIGNER STATE LIC. PHONE
CONTRACTOR PACIFIC BUILDING INTERIORS PHONE 223-1124
CONTRACTOR ADDRESS 5363 ALHAMBRA AVE CITY LA ZIP 90032
JOB DESCRIPTION NEW ADD X DEMO FIRE
T.I. 28' PARTITION FOR CONFERENCE ROOM.

PLAN CHECK	
ENERGY ANALYSIS	
BUILDING PERMIT	76 00
EARTH QUAKE	50
PLAN STORE	
TOTAL FEE	$ 76 50

MAP NO.
ZONE
OCC. GP
GROUP
CONST. TYPE
LOT SIZE

NO. UNITS | BEDROOMS/UNIT | PARKS & RECREATION FEE
DEMO CR____ AMT DUE $ ____

BUILDING AREA | GARAGE AREA | STORIES | HEIGHT | NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION | EXT. WALLS | ROOF | FLOOR

JOB ADDRESS 1977 SATORN.
VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 5000 00

ENERGY ANALYSIS APPROVED PLAN CHECK APPROVED

BUILDING PERMIT APPROVED 7-8-87 DATE

PARKING PLOT PLAN

ENGINEERING
PLANNING JC.
FIRE DEPT RM.
WORK COMP EXP. 7-1-88.
FINAL INSPECTION Dave Butler Wanderlich 1-15-88

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:
SEWER SERVICE FEE:

CASHIER'S USE ONLY
7-8-87

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO. 19850

JOB ADDRESS 1977 SATURN ST

LEGAL DESCRIPTION ~~LOT~~ PARCEL 5 TRACT 33910

OWNER SANWA BANK PHONE 727-3264

OWNER ADDRESS 1977 SATURN ST. CITY MONTEREY PK. ZIP 91754

ENGINEER STATE LIC. PHONE

ARCH.-DESIGNER STATE LIC. PHONE

CONTRACTOR PHONE

CONTRACTOR ADDRESS CITY ZIP

JOB DESCRIPTION	NEW	ADD	DEMO	FIRE	

REMODEL INTERIOR WALLS

NO. UNITS	BEDROOMS/UNIT	PARKS & RECREATION FEE
		DEMO CR____ AMT DUE $ __.__

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION	EXT. WALLS	ROOF	FLOOR

JOB ADDRESS

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 5000.00

ENERGY ANALYSIS APPROVED PLAN CHECK Exempt APPROVED

BUILDING PERMIT APPROVED DATE

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE:

PLAN CHECK	76.00
ENERGY ANALYSIS	—
BUILDING PERMIT	—
EARTH QUAKE	—
PLAN STORE	—
TOTAL FEE $	76.00

MAP NO.
ZONE
OCCUP GROUP
CONST. TYPE
LOT SIZE
APPROVALS
ENGINEERING
PLANNING
FIRE DEPT
WORK COMP. EXP.
FINAL INSPECTION

CASHIER'S USE ONLY

Paid 6/25/82

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-1 License No. 402483

Exp Date 9/87 Signature of Contractor J. H. Bryant

J. H. BRYANT JR. CONTRACTOR 521-1140

CONTRACTOR (D B A) Phone

17217 S. BROADWAY GARDENA 90248

ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 703.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☑ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. B. & P. C. for this reason:

Date Signature of Owner

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 2017-00-054704 Company EMPLOYERS

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 2/10/87 Applicant J. H. Bryant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date Applicant

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name

Lender's Address

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO 19486

JOB ADDRESS 1977 SATURN

LEGAL DESCRIPTION LOT TRACT

OWNER SANWAY BANK OF CAL PHONE

OWNER ADDRESS 1977 SATURN CITY ZIP

ENGINEER STATE LIC. PHONE

ARCH. DESIGNER STATE LIC. PHONE (213)532-1940

CONTRACTOR BRYANT MANF. CONSTRUCTION CONTRACT PHONE

CONTRACTOR ADDRESS 17217 S. BROADWAY CITY GARDENA ZIP 90248

JOB DESCRIPTION: NEW | ADD | DEMO | FIRE

T.I. NONBEARING PARTITION FOR MAIL & FILE ROOM

NO. UNITS | BEDROOMS \UNIT | PARKS & RECREATION FEE | DEMO CR____ AMT DUE $ ____

BUILDING AREA | GARAGE AREA | STORIES | HEIGHT | NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION: EXT. WALLS | ROOF | FLOOR CONCRETE

JOB ADDRESS 1977 SATURN.

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 6,000.00

ENERGY ANALYSIS APPROVED | PLAN CHECK APPROVED

BUILDING PERMIT APPROVED DATE 2-10-87

PARKS PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE:

PLAN CHECK	82.00
ENERGY ANALYSIS	
BUILDING PERMIT	82.00
EARTHQUAKE	50
PLAN STORE	
TOTAL FEE $	164.50

MAP NO.

ZONE C-M

OCCUP GROUP

CONST. TYPE

LOT SIZE

ENGINEERING

PLANNING BD

FIRE DEPT

WORK COMP EXP. 7-11-87

FINAL INSPECTION Daniel Beneley 4-10-87

CASHIER'S USE ONLY

2-10-87

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-1 License No. 402483

Exp Date 9/87 Signature of Contractor J. H. Bryant

J. H. BRYANT JR. CONTRACTOR 521-1140
CONTRACTOR (D B A) Phone

17217 S. BROADWAY GARDENA 90248
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 703.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☑ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. B. & P. C. for this reason:

Date Signature of Owner

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 2017-00-054704 Company EMPLOYERS

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 2/10/87 Applicant J. H. Bryant Jr.

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date Applicant

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code. You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name

Lender's Address

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO 19486

JOB ADDRESS 1977 SATURN

LEGAL DESCRIPTION LOT TRACT

OWNER SANWAY BANK OF CALIF PHONE

OWNER ADDRESS 1977 SATURN CITY ZIP

ENGINEER STATE LIC. PHONE

ARCH. DESIGNER STATE LIC. PHONE

CONTRACTOR BRYANT MANUF. CONSTRUCTION CONTRACT (213) 532-1140 PHONE

CONTRACTOR ADDRESS 17217 S. BROADWAY CITY GARDENA ZIP 90248

JOB DESCRIPTION: NEW | ADD | DEMO | FIRE

T.I. NONBEARING PARTITION.
FOR MAIL & FILE ROOM

NO. UNITS | BEDROOMS \UNIT | PARKS & RECREATION FEE | DEMO CR____ AMT DUE $ ____

BUILDING AREA | GARAGE AREA | STORIES | HEIGHT | NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION: EXT. WALLS | ROOF | FLOOR CONCRETE

JOB ADDRESS 1977 SATURN.

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 6,000.00

ENERGY ANALYSIS APPROVED | PLAN CHECK APPROVED

BUILDING PERMIT APPROVED 2-10-87 DATE

PARKS PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE:

PLAN CHECK	82.00
ENERGY ANALYSIS	
BUILDING PERMIT	82.00
CERTIFI QUAKE	50
PLAN STORE	
TOTAL FEE $	164.50

MAP NO.

ZONE C-M

OCCUP GROUP

CONST. TYPE

LOT SIZE

ENGINEERING

PLANNING FBD

FIRE DEPT

WORK COMP EXP. 7-1-87

FINAL INSPECTION Daniel Beneley 4-10-87

CASHIER'S USE ONLY

2-10-87

DECLARATIONS

The Declarations below are mandatory by the State of California under Section 9825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 201547

Exp Date ..... Signature of Contractor Ron E. Gibson

Ron Gibson Elect.
CONTRACTOR (D B A) Phone
2831 Vuelta Grande Ave FB 90815
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9)(Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 0373 Company Cal. Casualty

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date ..... Applicant Ron E. Gibson

CERTIFICATE OF EXEMPTION FROM WORKERS COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor ONLY Date

Owner Verified By: ✓ City Lic. Verified By: gte

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 Saturn

☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

PERMIT NO. ~~18865~~ 18866

OWNER Sanwa Bank PHONE

ADDRESS 1977 Saturn M P CITY

CONTRACTOR Ron Gibson Elect PHONE 459-7335

ADDRESS 2831 Vuelta Grande ave FB

WORK COMP. 1-1-88 ISSUED BY ✓ DATE 7-13-87

PERMIT FEE	34 50
PLAN CHECK	
ENERGY FEE	
PENALTY FEE	
TOTAL FEES	34 50

Quantity			
	Permit Issuance Fee	$12.00	12 00
	Services EACH up to 600 volts and/or 200 amps	20.00	
	Over 600 volts and/or 201 to 1200 amps	50.00	
	Over 600 volts and 1201 to 6000 amps	75.00	
	Sub-Panel or Switch Board EACH	12.00	
	Temporary power pole - ONE	15.00	
	Each additional pole	8.00	
10	Outlets: 1-10 of the following ( )Outlets (8)Receptacles (2)Switches ( )Fixtures (0)	15.00	15 00
10	Each additional of the above	.75	7 50
	Misc.Equip. Each: ( )Dishwasher ( )Disposal ( ) ( )Clothswasher ( )Bath Fans ( )Sign Circuit ( )Festoon 20 Lights ( )Bus/Raceway ( )Branch Circuit	5.00	
	Power Apparatus, Motors, Heating Systems, Electric Powered Equipment (Rated: HP KW=KVA) Rated 0-5 HP	18.00	
	Each additional 0-5 HP on same permit	9.00	
	Power rated 6-30 HP	22.00	
	Each additional 6-30 HP on same permit	12.00	
	Power rated 31-100 HP	32.00	
	Each additional 31-100 HP on same permit	24.00	
	Power rated over 100 HP EACH	45.00	
	Swim Pool, Spa or in Combination	35.00	
	Working Permit	25.00	
	Maintenance Electrician - Annual Registration	30.00	
	Plan Check Fee		
		Total	34 50

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

CONTRACTOR'S SIGNATURE: Ron E. Gibson

Job Final David Barclay Date 8-17-87

Cashier's Use PD 7-13-87

DECLARATIONS

The Declarations below are mandated by the State of California under Section 9825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class ..... License No. 015450 .....

Exp. Date 12/31/87 Signature of Contractor X .....

MEADOWS S/M & A/C (213) 615-1125
CONTRACTOR (D B A) Phone

90245
741 FAIRPORT ELSEGUNDO
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason. (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C. - The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. GC 61520 Company R.G BUSINESS INSURANCE

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 8/25/87 Applicant X Richard Justus

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X Richard Justus 8/25/87
Signature of Owner or Contractor ONLY Date

Owner Verified By: RJ	City Lic. Verified By: 12/31/87

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN

☐ DWLG ☐ APTS ☐ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
MECHANICAL — RECEIPT — PERMIT

OWNER SANWA BANK PHONE
ADDRESS 1977 SATURN CITY
CONTRACTOR MEADOWS S/M A/C PHONE 741
WORK COMP. X 7-1-88 ISSUED BY Paul S
SPECIAL INSP DATE 9-1-87

PERMIT NO. 03200

PERMIT FEE	27.00
PLAN CHECK	
ENERGY FEE	
TOTAL FEES	27.00

		RQ.	IN.	
	Permit Issuance Fee			~~$10.00~~ 12.00
	Furnace, new or relocate, to 100M B. T. U.	1.	1.	24.00
	Each add. furnace to 100M B. T. U.	.5	.5	12.00
	Furnace, new or relocate over 100M B. T. U.	.5	1.	30.00
	Each additional furnace over 100M B. T. U.	1.	.25	15.00
	Appliance vent: New, replace or relocate	1.		12.00
	Diffusers or registers, 1-10	.5	.5	12.00
	Each diffuser or register over 10		.25	1.50
	Refrig. or absorp. units: new, alter or relocate	1.	1.	24.00
	Each add. of above on same permit	.5	.5	12.00
	Compressor, or boiler to 3 HP, or 100M B. T. U.		1.	12.00
	Compressor, or boiler, 4-15 HP or 101-500M B. T. U.		1.5	18.00
	Compressor, or boiler, 16-30 HP or 501-1000M B. T. U.		2	24.00
	Compressor, or boiler, over 30 HP or over 1000M B. T. U.	2.	2.	48.00
	Air handler to 10M C. F. M.		1.	12.00
	Air handler over 10M C. F. M.	1.	1.	24.00
	Evaporative cooler, permanent	.5	.5	12.00
1	Vent fan, ventil. system, duct ext. and alter.		1.	~~12.00~~ 15.00
	Com'l. hood, kitchen vent. system, single duct or vent.	2.	1.	36.00
	Appliance or equipment not listed, (metal fireplace with chimney, oil fired units, storage & disp. tanks, etc.)		1.	12.00
	Gas system, 1-5 outlets,	1.	1.	24.00
	Each additional gas outlet	.25	.125	1.50
	Plan Check Fee - ½ Permit Fee			

NOTICE — THE PERMIT FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK AS ESTABLISHED BY THE BUILDING OFFICIAL. Example: Underground, Rough, Finish.
CONTRACTORS SIGNATURE X M. C. Amis

Cashier's Use Only
9-4-87

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-20 License No. 372794

Exp. Date 5-1-88 Signature of Contractor X

AIR MECHANICAL INC 538-4750
CONTRACTOR (D B A) Phone

1178 So Towne LA 90061
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractors License Law (Ch. 9 (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00).

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.; The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 667817 Company STATE COMP INS FUND

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date 9-1-87 Applicant X Mel Upton

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X Mel Upton
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is superded or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN STR

☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
MECHANICAL — RECEIPT — PERMIT

OWNER SANWA BK PHONE 727-3264
ADDRESS 1977 SATURN CITY MTRY PK
CONTRACTOR AIR MECHANICAL PHONE 538-4750
WORK COMP. X 10-1-88 ISSUED BY Paul S
SPECIAL INSP DATE 9-10-87

PERMIT NO 03207

PERMIT FEE	47.00
PLAN CHECK	
ENERGY FEE	
TOTAL FEES	47.00

		RO.	FIN.	
	Permit Issuance Fee			~~10.00~~ 12.00
	Furnace, new or relocate, to 100M B. T. U.	1.	1.	24.00
	Each add. furnace to 100M B. T. U.	.5	.5	2.00
	Furnace, new or relocate over 100M B. T. U.	1.5	1.	30.00
	Each additional furnace over 100M B. T. U.	1.	.25	15.00
	Appliance vent: New, replace or relocate	1.		12.00
2	Diffusers or registers, 1-10	.5	.5	~~12.00~~ 15.00
	Each diffuser or register over 10		.25	.50
	Refg. or absorp. units: new, alter or relocate	1.	1.	24.00
	Each add. of above on same permit	.5	.5	12.00
	Compressor, or boiler, to 3 HP, or 100M B. T. U.		1.	12.00
1	Compressor or boiler, 4-15 HP or 101-500M B. T. U.		.5	~~10.00~~ 20.00
	Compressor, or boiler 16-30 HP or 501-1000M B. T. U.		2.	24.00
	Compressor, or boiler, over 30 HP or over 1000M B. T. U.	2.	2.	48.00
	Air handler to 10M C. F. M.		1.	12.00
	Air handler over 10M C. F. M.	1.	1.	24.00
	Evaporative cooler, permanent	.5	.5	12.00
	Vent fan, ventil. system, duct ext. and alter.	1.	1.	12.00
	Comm. hood kitchen vent. system single duct or vent.	2.	1.	36.00
	Appliance or equipment not listed, (metal fireplace with chimney, oil fired equip. storage & disp. tanks, etc.)		1.	2.00
	Gas system, 1-5 outlets,	1.	1.	24.00
	Each additional gas outlet	.25	.125	.50
	Plan Check Fee ½ Permit Fee			

Approved 10-23-87 Dupree

NOTICE — THE PERMIT FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK AS ESTABLISHED BY THE BUILDING OFFICIAL. Example: underground, Rough, Finish.

CONTRACTORS SIGNATURE X Mel Upton

Cashier's Use Only

9-11-87

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 293408

Exp. Date 88 Signature of Contractor Frank Q Ballardo

BALLARDO EL.
CONTRACTOR (D B A) Phone

17303 OSBORNE LA. 91325
ADDRESS City Zip

OWNER-BUILDER DECLARATION

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☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. ..... Company .....

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date ..... Applicant .....

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 10-7-87 Applicant Frank Q Ballardo

NOTICE TO APPLICANT: If, after making this Certificate of Exemption you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Frank Q Ballardo 10-7-87
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN ST.

☐ DWLG ☐ APTS ☑ COMM. ☐ ALTNS ☐ REPAIR

PERMIT NO. 18981

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

OWNER SANWA BANK PHONE

ADDRESS 1977 SATURN CITY M.P.

CONTRACTOR BALLARDO EL. PHONE 993/0330

ADDRESS 17303 OSBORNE ST.

WORK COMP. N/A ISSUED BY [signature] DATE 10-7-87

PERMIT FEE	33.00
PLAN CHECK	
ENERGY FEE	
PENALTY FEE	
TOTAL FEES	33.00

Quantity		
	Permit Issuance Fee ~~$12.00~~ 15.00	
	Services EACH up to 600 volts and/or 200 amps	20.00
	Over 600 volts and/or 201 to 1000 amps	40.00
	Over 600 volts and 1001 to 6000 amps	50.00
	Sub-panel or Switch Board EACH	12.00
	Temporary power pole - ONE	15.00
	Each additional pole	8.00
	Outlets: 1-10 of the following ( )Outlets ( )Receptacles ( )Switches ( )Fixtures ( )	15.00
	Each additional of the above	.75
	Misc.Equip. Each: ( )Dishwasher ( )Disposal ( ) ( )Clotheswasher ( )Bath Fans ( )Sign Circuit ( )Festoon 20 Lights ( )Bus/Raceway ( )Branch Circuit	5.00
1	Power Apparatus, Motors, Heating Systems, Electric Powered Equipment (Rated: HP-KW-KVA) Rated 0-5 HP	15.00 18.00
	Each additional 0-5 HP on same permit	9.00
	Power rated 6-30 HP	22.00
	Each additional 6-30 HP on same permit	12.00
	Power rated 31-100 HP	32.00
	Each additional 31-100 HP on same permit	24.00
	Power rated over 100 HP EACH	45.00
	Swim Pool, Spa or in Combination	36.00
	Working Permit	25.00
	Maintenance Electrician - Annual Registration	30.00
	Plan Check Fee	
	Total	33.00

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

CONTRACTOR'S SIGNATURE: Frank Q Ballardo

Job Final Daniel Barclay Date 10-23-87

Cashier's Use 10-7-87

DECLARATIONS

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LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class C-20 License No. 372794

Exp. Date 5-1-88 Signature of Contractor X

AIR MECHANICAL INC 538-4750
CONTRACTOR (D B A) Phone

11 18 So Towne Av LA 90061
DRESS City Zip

OWNER-BUILDER DECLARATION

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☐ I am exempt under Sec. ..... B. & P. C. for this reason

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 667817 Company STATE COMP INS. FUND.

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 9-1-87 Applicant X Mel Upton

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption you should become subject to the Worker's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X Mel Upton 9-1-87
Signature of Owner or Contractor ONLY Date

Owner Verified By: RS | City Lic. Verified By: Mel Upton

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

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CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California
BUILDING PERMIT APPLICATION

PERMIT NO. 20095

JOB ADDRESS 1977 SATURN STR.

LEGAL DESCRIPTION LOT TRACT

OWNER SANWA BK PHONE 727-3264

OWNER ADDRESS 1977 SATURN STR. CITY MTRY PK ZIP 91754

ENGINEER STATE LIC. PHONE

ARCH.-DESIGNER STATE LIC. PHONE

CONTRACTOR AIR MECHANICAL INC PHONE 538-4750

CONTRACTOR ADDRESS 14208 So Towne CITY L.A. ZIP 90061

JOB DESCRIPTION | NEW | ADD | DEMO | FIRE

Add backup A/C
Valuation —

NO. UNITS | BEDROOMS/UNIT | PARKS & RECREATION FEE | DEMO CR.____ AMT DUE $ ____

BUILDING AREA | GARAGE AREA | STORIES | HEIGHT | NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION | EXT WALLS | ROOF | FLOOR

JOB ADDRESS 1977 SATURN STR. MTRY PK

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $12,756.00

ENERGY ANALYSIS APPROVED | PLAN CHECK APPROVED

BUILDING PERMIT APPROVED Paul Schumacher 9-10-87 DATE

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE:

PLAN CHECK	—
ENERGY ANALYSIS	—
BUILDING PERMIT	124.00
EARTH QUAKE	—
PLAN STORE	—
TOTAL FEE $	124.00

MAP NO.	
ZONE	
OCCUP GROUP	R-3
CONST. TYPE	I-FR
LOT SIZE	
ENGINEERING	—
PLANNING	—
FIRE DEPT.	—
WORK COMP. EXP.	X 10-1-88
FINAL INSPECTION	Darrell Lanehy 10-23-87

CASHIER'S USE ONLY

9-1-87

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California
BUILDING PERMIT APPLICATION

PERMIT NO 20407

JOB ADDRESS 1977 SATURN ST.

LEGAL DESCRIPTION LOT TRACT

OWNER SANWA BANK CALIFORNIA PHONE

OWNER ADDRESS SANWA BANK PLACE CITY LOS ANGELES CA ZIP 90054

ENGINEER STATE LIC. PHONE

ARCH.-DESIGNER LUIS COLLAZO STATE LIC. PHONE (213) 727-3265

TRACTOR PHONE

CONTRACTOR ADDRESS 1977 SATURN CITY MONTPK ZIP 91754

JOB DESCRIPTION	NEW	ADD	DEMO	FIRE

GREASE INTERCEPTOR
1500 GALS

NO. UNITS | BEDROOMS \UNIT | PARKS & RECREATION FEE

DEMO CR____ AMT DUE $ _____

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION	EXT WALLS	ROOF	FLOOR

JOB ADDRESS 1977 SATURN ST.

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $

APPROVED

ENERGY ANALYSIS

APPROVED

PLAN CHECK

PLAN CHECK	100.00
ENERGY ANALYSIS	
BUILDING PERMIT	114.00
EARTH QUAKE	
PLAN STORE	
INSP FEE	110.00
TOTAL FEE $	324.00

MAP NO.

ZONE

OCCUP GROUP

CONST. TYPE

22.00
ACC # 10485 P

LOT SIZE

AFFIDAVITS 110.00
ACC # 10300 #
CHECK # 324.00
ACC # 10455

ENGINEERING

PLANNING 11/18/87

FIRE DEPT

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE 307-1300
320 W. Newmark Ave. - Monterey Park, Ca. 91754

BUILDING PERMIT

PERMIT NO. 21467
~~21431~~

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B License No. 281769

Exp. Date 8-1-88 Signature of Contractor

Crandall and Sons, Inc 943-0191
CONTRACTOR (D B A) Phone

16103 Lisco St Whittier Ca 90603
DRESS City Zip

OWNER BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☑ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date 6/9/88 Signature of Owner

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. #XWW(85) 500349565 Company West America

☑ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 6/8/88 Applicant Barbara Tarler

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

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Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Agent for SANWA BANK 6/9/88
Signature of Owner or Contractor ONLY Date

Owner Verified By: City Lic. Verified By:

— IMPORTANT —

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JOB ADDRESS 1977 Saturn Street

LEGAL DESCRIPTION LOT TRACT

OWNER Sanwa Bank Cal. Phone (213)727-3265

OWNER ADDRESS 1977 Saturn St. City Monterey Park Zip 91754

ENGINEER N/A State Lic. Phone

ARCH. DESIGNER N/A State Lic. Phone

CONTRACTOR Crandall & Sons, INC. #281769 State Lic. Phone (213)943-0191

ADDRESS 16103 Lisco St. City Whittier, Ca Zip 90603

Job Description	NEW	ADD	DEMO	REMODEL	REPAIR
Approx. 20 Lin. Ft. of New GFP PO w/1 stud Wall 1-Dutch Dr. W/card key & Lever Hndl; 1-DR Dr. w/Panic Hdwr - Push Stlye (See Attached Plan)				✓	

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NUMBER OF BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION	EXT. WALLS	ROOF	FLOOR

JOB ADDRESS 1977 Saturn St. C-Level

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 8,000.00

PERMIT ISSUED BY: [signature] DATE 6/23/88

SCHOOL DISTRICT FEE:	$	DATE
SEWER SERVICE FEE:	$	DATE
PARK & REC. FEE:	$	DATE
COUNTY SANITATION FEE:	$	DATE

PLAN CHECK	—
ENERGY ANALYSIS	—
BUILDING PERMIT	106.86
EARTHQUAKE PAID	0.50
HANDICAP	—
PENALTY FEE	
TOTAL FEE $	106.86

MAP NO.	
ZONE	
OCCUP GROUP	B-2
CONST. TYPE	I-FR
LOT SIZE	
BUILDING	V. K
ENGINEERING	
PLANNING	
FIRE DEPT.	D. R
WORK COMP. EXP.	5-2-89
FINAL INSPECTION	Dave Donley 9-6-88
CASHIER'S USE ONLY	VV 6-5-88

DECLARATIONS

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LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 355866

Exp. Date 6/30/89 Signature of Contractor Jan R. Woodard

HORIZON ELECTRIC 692 1192
CONTRACTOR (D B A) Phone

12207 WHITTIER BLVD. WHI. 90602
ADDRESS City Zip

OWNER-BUILDER DECLARATION

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☑ I am exempt under Sec. B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Workers Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. ..... Company .....

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date ..... Applicant .....

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date July 12/88 Applicant Jan R. Woodard

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Jan R. Woodard July 21/88
Signature of Owner or Contractor ONLY Date

Owner Verified By: City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS 1977 SATURN ST. M.P.

( ) DWLG ( ) APTS ( ) COMM. ( ) ALTNS ( ) REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL --- RECEIPT --- PERMIT

OWNER SANWA BANK Phone

ADDRESS 1977 SATURN City MONT. PARK

CONTRACTOR HORIZON ELECT. 213-692-1192 Phone

ADDRESS 12207 E. WHITTIER BLVD.

Work Comp. Waived | Issued By MWS | Date 7/

PERMIT NO. 19429

PERMIT FEE	MWB 60 30
PLAN CHECK	
ENERGY FEE	
PENALTY FEE	MWB 60 30
TOTAL FEES	MWB 120 60

Quantity		
	Permit Issuance Fee	$15.00
	Services EACH up to 600 volts and/or 200 amps	22.00
	Over 600 volts and/or 201 to 1000 amps	44.00
	Over 600 volts and 1001 to 6000 amps	60.00
	Sub-panel or Switch Board EACH	12.00
	Temporary power pole - ONE	20.00
	Each additional pole	10.00
3	Outlets: 1-10 of the following (1) Outlets ( ) Receptacles (2) Switches ( ) Fixtures ( )	15.00
	Each additional of the above	.80
	Misc. Equip. Each: ( ) Dishwasher ( ) Disposal ( ) ( ) Clotheswasher ( ) Bath Fans ( ) Sign Circuit ( ) Festoon 20 Lights ( ) Bus (Raceway ( ) Branch Circuit	7.00
	Power Apparatus, Motors Heating Systems, Electric Powered Equipment (Rated: HP=KW=KVA) Rated 0-5 HP	18.00
	Each additional 0-5 HP on same permit	12.00
	Power rated 6-30 HP	22.00
	Each additional 6-30 HP on same permit	16.00
	Power rated 31-100 HP	35.00
	Each additional 31-100 HP on same permit	25.00
	Power rated over 100 HP EACH	50.00
	Swim Pool, Spa or in Combination	40.00
	Working Permit	30.00
	Maintenance Electrician - Annual Registration	35.00
	Plan Check Fee	
	Total	30 60 MWB

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

CONTRACTOR'S SIGNATURE: Jan R. Woodard

Job Fina. David Sanchez Date 9-6-88

Cashier's Use 9-20-88

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-36 License No. 86470

Exp. Date ..... Signature of Contractor Larry Egan

WINTERBOTTOM BROS — CONTRACTOR (D B A) — Phone

1977 SANTA ANITA T.C. 91780 — ADDRESS — City — Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. PC977804 Company Republic Indemnity

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date 11/18/88 Applicant Larry Egan

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Larry Egan 11/18/88

Signature of Owner or Contractor ONLY — Date

Owner Verified By: — City Lic. Verified By:

-- IMPORTANT --

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS 1977 SATURN ST

( ) DWLG ( ) APTS (X) COMM. ( ) ALTNS. ( ) REPAIR

PERMIT NO. 1838

MONTEREY PARK BUILDING DEPARTMENT
PLUMBING --- RECEIPT --- PERMIT

OWNER SANWA BANK Phone

ADDRESS 1977 SATURN ST City MONTEREY PARK

CONTRACTOR WINTERBOTTOM BROS Phone 818 4442509

ADDRESS 1977 SANTA ANITA AV T.C.

Work Comp. 1-1-89 Issued By MMS Date 11/18/88

	PERMIT FEE	55.00
	PLAN CHECK	
	ENERGY FEE	
	PENALTY FEE	
	TOTAL FEES	55.00

Quantity		Each	
	Permit Issuance Fee	15.00	15.00
	Plumbing fixtures including its water supply, trap and waste piping: ( ) Toilet ( ) Urinal ( ) Lavatory ( ) Tub, Shower or Combination ( ) Kitchen Sink ( ) Bar Sink ( ) Floor Drain ( ) Floor Sink ( ) Dishwasher ( ) Clothes Washer ( ) Drinking Fountain ( ) Roof Drains ( ) P Trap ( ) Water Treatment Equipment	9.00	
1	Install, repair or alter ( ) Water Piping (1) Drain Piping New Drain Piping System ( ) Vent Piping Systems ( ) Anti-Siphon Devices ( ) Lawn Sprinkler Backflow Preventors	10.00	10.00
	Gas System, 1-5 Outlets	20.00	
	EACH additional Outlet	3.00	
1	(1) Commercial Grease Trap ( ) Commercial Grease Interceptor ( ) Trailer Park Trap ( ) Industrial Waste Interceptor	20.00	20.00
	( ) Single Sewer Connection to Main ( ) Sewage Ejector System	22.00	
1	(1) Sewer Extensions ( ) Sewer Caps	10.00	10.00
	EACH Pool, Spa or Combination thereof including P-Trap	40.00	
	EACH Water Heater including Water Piping and Venting Systems. New, Replace, Relocate.	22.00	
	Plan Check Fee		
		Total	55.00

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. EXAMPLE: UNDERGROUND, ROUGH, FINISH.

CONTRACTOR'S SIGNATURE: Larry Egan

Job Final OK Date 12/16/88

Cashier's Use FD 11-18-88

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C10 License No. 307015

Exp Date 11-30-91 Signature of Contractor

213
CHARLES E THOMAS CO 321-8420
CONTRACTOR (D B A) Phone

13701 S. ALMA GARDENA, 90249
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WP-62470 Company PACIFIC COMP

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date 1-5-90 Applicant .....

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097 Civ. C.).

Lender's Name .....

Lendor's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

1-5-90
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection or job card will keep permit valid for no more than 180 days.

JOB ADDRESS 1977 SATURN ST.

( ) DWLG ( ) APTS (9) COMM. ( ) ALTNS ( ) REPAIR

MONTEREY PARK BUILDING DEPARTMENT

ELECTRICAL --- RECEIPT --- PERMIT

PERMIT NO. 2016

OWNER SANWA BANK Phone 213-727-3636

ADDRESS 1977 SATURN ST. City M. PARK

CONTRACTOR CHARLES E. THOMAS CO Phone 213 321-8420

ADDRESS 13701 S. ALMA, GARDENA

Work Comp. WP-62470 Issued By PACIFIC COMP Date 1-5-90

	PERMIT FEE		30.00
	PLAN CHECK		
	ENERGY FEE		
	PENALTY FEE		
	TOTAL FEES		30.00

Quantity			
	Permit Issuance Fee	$15.00	15.00
	Services EACH up to 600 volts and/or 200 amps	22.00	
	Over 600 volts and/or 201 to 1000 amps	44.00	
	Over 600 volts and 1001 to 6000 amps	60.00	
1	Sub-panel or Switch Board EACH	~~12.00~~	15.00
	Temporary power pole - ONE	20.00	
	Each additional pole	10.00	
	Outlets: 1-10 of the following ( ) Outlets ( ) Receptacles ( ) Switches ( ) Fixtures ( )	15.00	
	Each additional of the above	.80	
	Misc. Equip. Each: ( ) Dishwasher ( ) Disposal ( ) ( ) Clotheswasher ( ) Bath Fans ( ) Sign Circuit ( ) Festoon 20 Lights ( ) Bus/Raceway ( ) Branch Circuit	7.00	
	Power Apparatus, Motors, Heating Systems, Electric Powered Equipment (Rated: HP -KW=KVA) Rated 0-5 HP	18.00	
	Each additional 0-5 HP on same permit	12.00	
	Power rated 6-30 HP	22.50	
	Each additional 6-30 HP on same permit	16.50	
	Power rated 31-100 HP	35.00	
	Each additional 31-100 HP on same permit	25.00	
	Power rated over 100 HP EACH	50.00	
	Swim Pool, Spa or in Combination	40.00	
	Working Permit	30.00	
	Maintenance Electrician - Annual Registration	35.00	
	Plan Check Fee		
		Total	30.00

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

CONTRACTOR'S SIGNATURE:

Job Final ..... Date 1-16-90

Cashier's Use

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 OK License No. 85046

Exp. Date 2/28/93 Signature of Contractor Ed Weelhoff

Bergelectric 213 337 1377
CONTRACTOR (D B A) Phone

1550 W. Contineta Ave 90045
ADDRESS City Zip

OWNER BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. PWC 6720991 Company OK CNA

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 4-8-91 Applicant Ed Weelhoff

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Ed Weelhoff 4-8-91
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS 1977 Saturn St

( ) DWLG ( ) APTS ( ) COMM. ( ) ALTNS ( ) REPAIR

MONTEREY PARK BUILDING DEPARTMENT

ELECTRICAL — RECEIPT — PERMIT

PERMIT NO. 0026667

OWNER Sanwa Bank Phone 727-3264

ADDRESS 1977 Saturn St City Mont Park

CONTRACTOR Bergelectric Phone 213 337 1377

ADDRESS 1550 W. Contineta Ave

Work Comp PWC 6720991 Issued By CNA MWB Date 4-8-91

PERMIT FEE		2536	00
PLAN CHECK		— pd —	
ENERGY FEE			
PENALTY FEE			
TOTAL FEES		2536	00

Quantity			
	Permit Issuance Fee	$15.00	15 00
	Services EACH up to 600 volts and/or 200 amps	25.00	
	Over 600 volts and/or 201 to 1000 amps	50.00	
	Over 600 volts and 1001 to 6000 amps	100.00	
25	Sub-panel or Switch Board EACH	15.00	375 00
	Temporary power pole - ONE	25.00	
112	Each: (66) Outlets (11) Receptacles (14) Switches (27) Fixtures ( )	1.00	112 00
27	Misc. Equip. Each: ( ) Dishwasher ( ) Disposal (27) Branch Circuit ( ) Clotheswasher ( ) Bath Fans ( ) Sign Circuit ( ) Festoon 20 Lights ( ) Bus /Raceway ( )	7.00	189 00
7	Each: Power Apparatus, Motor, Heating System, Electric Powered Equipment (Rated: HP=KW=KVA) (7) Up to 1 HP, KW, KVA	15.00	105 00
4	2 to 10 HP, KW, KVA	30.00	120 00
	11 to 50 HP, KW, KVA	60.00	
18	Over 50 HP, KW, KVA	90.00	1620 00
	Illuminated Sign, Outline Lighting, Festoon Lighting. Each Circuit	15.00	
	Temporary Power Supply: Christmas Tree Lots, Fire Works Stand, Carnivals, Circuses, Exhibitions. Each System	15.00	
	Swim Pool, Spa or in Combination	40.00	
	Working Permit Value of Job #180,000	30.00	
	Maintenance Electrician - Annual Registration	35.00	
	Plan Check Fee 100% B 2521 paid as per Pc# 26181		

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

Total 2536 00

CONTRACTOR'S SIGNATURE:

Date 4-8-91

Ed Weelhoff

Job Final Lenna Johnson

Date 12-10-91

Cashier's Use

04/07/91 2536.00 2536.00

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-20 License No. 287684

Exp. Date 8/31/91 Signature of Contractor

McAfee Engineering (213)676-7272

CONTRACTOR (D B A) Phone

15200 Mansel Ave., Lawndale, CA 90260

ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WCW9140304?2 Company W. Amer. Ins.

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 5-16-91 Applicant .....

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

5-16-91

Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By: 1976 Debbie Estrada

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS 1977 Saturn St., Monterey Park 91754

( ) DWLG ( ) APTS (X) COMM. ( ) ALTNS ( ) REPAIR

MONTEREY PARK BUILDING DEPARTMENT

MECHANICAL -- RECEIPT --- PERMIT

OWNER Sanwa Bank Phone (213)722-3510

ADDRESS 1877 Saturn St., Monterey Park City

CONTRACTOR McAfee Engineering Phone (213)676-7272

ADDRESS 15200 Mansel Ave., Lawndale, CA 90260

Work Comp 3-1-92 | Issued By MMB | Date 6-18-91

PERMIT NO. 27369

0027369

PERMIT FEE	451.00
PLAN CHECK	-pd-
ENERGY FEE	
PENALTY FEE	
TOTAL FEES	451.00

Quantity				
	Permit Issuance Fee		$15.00	15.00
	Furnace, New or Relocate, up to 100M B.T.U.		22.00	
	Each additional furnace up to 100M B.T.U. or same permit		16.50	
	Furnace, New or Relocate over 100M B.T.U.		27.50	
	Each additional furnace over 100M B.T.U. on same permit		22.00	
	Appliance vent: New, replace or relocate		13.20	
	Diffuser or Register, 1-10		16.50	
10	Each Diffuser or Register over 10		3.00	30.00
	Refrigeration or absorption unit New, alter or relocate		22.00	
	Each additional of above on same permit		16.50	
	Compressor or Boiler up to 3 HP or 100M B.T.U.		16.50	
4	Compressor or Boiler, 4-15 HP or 101-500M B.T.U.	25.00	~~22.00~~	100.00
	Compressor or Boiler, 16-30 HP or 501-1000M B.T.U.		34.00	
	Compressor or Boiler, over 30 HP or over 1000M B.T.U.		70.00	
4	Air handler to 10M C.F.M.	17.00	~~16.50~~	68.00
	Air handler over 10M C.F.M.		30.00	
	Evaporative cooler		16.50	
14	Vent fan, ventilation system, duct extension or alteration	17.00	~~16.50~~	238.00
	Commercial hood and duct first 12'-0" section		44.00	
	Commercial hood and duct for each additional 12'-0" section		15.00	
	Metal fireplace with chimney, oil fired equipment, storage tanks, dipping tanks, appliances or equipment not listed.		16.50	
	Gas systems, 1-5 outlets		20.00	
	Each additional gas outlet		3.00	
	Plan Check Fee			
			Total	$451.00

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

CONTRACTOR'S SIGNATURE:

Job Final Date 12-9-91

Cashier's Use

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C36, C4 License No. 572893

Exp. Date 6-30-93 Signature of Contractor [signature]

LeBradco Plumbing CO2C — 805 484-3188
CONTRACTOR (D B A) Phone

5251 Verdugo Camarillo 93012
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 80503853 Company Transamerica

☒ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 4-23-91 Applicant [signature]

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

.....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

[signature]
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:
	[signature]

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS 1977 Saturn Street Monterey Park, CA 91754

( )DWLG ( )APTS ( )COMM. ( )ALINS. ( )REPAIR

PERMIT NO. C028329 28329

MONTEREY PARK BUILDING DIVISION
PLUMBING --- RECEIPT --- PERMIT

OWNER SANWA BANK Phone (818)284-9994

ADDRESS 1977 Saturn St., City Monterey Park

CONTRACTOR LeBradco Plumbing Phone (805)484-3188

ADDRESS 5251 Verdugo Way, K City Camarillo

Work Comp. 4/12/92 Issued By [signature] Date 9/24/91

PERMIT FEE			25
PLAN CHECK			25
ENERGY FEE			
PENALTY FEE			
TOTAL FEES			50

Quantity			
	Permit Issuance Fee	Each 15.00	15
1	Plumbing fixtures including its water supply, trap and waste piping: SAFETY ZONE ( ) Toilet ( ) Urinal ( ) Lavatory (/) ~~Tub, Shower or Combination~~ ( ) Kitchen Sink ( ) Bar Sink ( ) Floor Drain ( ) Floor Sink ( ) Dishwasher ( ) Clothes Washer ( ) Drinking Fountain ( ) Roof Drains ( ) P-Trap ( ) Rainwater Drains ( ) Water Treatment Equipment	10.00	10
	Install, repair or alter (/) Water Piping ( ) Drain Piping ( ) Vent Piping Systems ( ) Anti-Siphon Devices ( ) Lawn Sprinkler Backflow Preventors	10.00	
	Gas System, Each Meter	20.00	
	Each Outlet	3.00	
	( ) Commercial Grease Trap ~~( )~~ Commercial Grease Interceptor ( ) Trailer Park Trap ( ) Industrial Waste Interceptor	20.00	
	( ) Single Sewer Connection to Main ( ) Sewage Ejector System ( ) Sump Pump System	20.00	
	( ) Sewer Extensions ( ) Sewer Caps	20.00	
	EACH Pool, Spa or Combination thereof including P-Trap	40.00	
	EACH Water Heater including Water Piping and Venting Systems. New, Replace, Relocate.	22.00	
	Plan Check Fee 100%		
	FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. EXAMPLE: UNDERGROUND, ROUGH, FINISH.	Total	25

CONTRACTOR'S SIGNATURE: [signature] Date

Job Final [signature]

Date 12-20-91

Cashier's Use

10-270 25.00
10-610 25.00

DECLARATIONS

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LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B License No. 509719

Exp. Date 3/1/93 Signature of Contractor Terry Keller

WESELY-THOMAS, INC. 805/379-2365
CONTRACTOR (D B A) Phone

100 E. T. OAKS BLVD. T. OAKS, CA 91360
DRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00).:

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason.

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WCP340988 Company FRANK B. HALL CO.

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 2-28-91 Applicant Terry Keller

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT, If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction and hereby authorize representatives of this City to enter upon the above mentioned property for inspection purposes.

Terry Keller 2/28/91
Signature of Owner or ~~Contractor~~ ONLY Date

Owner Verified By:	City Lic. Verified By:
	MA

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK

BUILDING DIVISION -- PHONE 307-1300
320 W. Newmark Ave. - Monterey Park, Ca. 91754

BUILDING PERMIT

---- PLEASE PRINT ----

---- FOR CITY USE ONLY ----

PERMIT NO. 26575
026515

BUILDING PERMIT	776
PLAN CHECK	pd
ENERGY ANALYSIS	140 00
HANDICAP	100 00
EARTH QUAKE	18 36
PENALTY FEE	—
PERMIT FEE CREDIT	—
TOTAL FEE $	1032.36

JOB ADDRESS 1977 SATURN ST.

LEGAL DESCRIPTION LOT 5 TRACT 33910

OWNER SANWA BANK, CA Phone 213 727-3264

ADDRESS Same as Above City Zip

ENGINEER — State Lic. Phone ( )

ADDRESS — City Phone ( )

ARCH / DESIGNER DWORSKY ASSOC. C7466 State Lic. Phone 213 380-9100

ADDRESS 5530 WILSHIRE BLVD. City LA Zip CA 90036

CONTRACTOR WESELY-THOMAS, INC. State Lic. Phone 805 379-2365

ADDRESS 100 E. Thousand Oaks Blvd City T.O. CA Zip 91360

JOB DESCRIPTION	NEW	ADDITION	DEMO	REMODEL	REPAIR
NEW 4000 SF UTILITY BUILDING	X				

JOB ADDRESS 1977 SATURN ST.

NO. UNITS	B. R./UNITS	AREA (SQ. FT.)	LOT SIZE
1		~~4000~~ 3970 SF MWB	

BLDG. AREA (E)	GARAGE AREA	STORIES	HEIGHT	NUMBER OF BUILDINGS ON LOT
200,000		1	16'	2

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ ~~120,000~~ 121,482 MWB

I.C.B.O. OR OTHER APPROVED AGENT NUMBER:

PERMIT ISSUED: MWB. DATE 2/28/91

DOCUMENTS SUBMITTED:

VALUATION BASED ON $ 30.60/SF.

SCHOOL DIST. FEE	$ 0.26/SF	1,032.20 pd
SEWER SERVICE FEE	$ 3970 x 2/28/91 MWB	
PARK & REC. FEE	$ ~~4000~~ pd 2/28/91 (70-900)	
CC SANITATION FEE	$ — N/A	
ENGINEER FEE	$ pd.	
FIRE FEE	$ pd.	

Final Inspection Approval Yvonne Johnson

Date 12-20-91

MAP NO.	
ZONE	M
OCCUP GROUP	B4
CONST. TYPE	III - N
AFFIDAVITS	
BUILDING	Wilson/PH
ENGINEERING	VB/SH
PLANNING	AP
FIRE DEPT.	KL/ERA.
COUNTY ENGINEER	
WATER DEPT.	PJC.
PARK & RECR.	N/A
Work Comp. Exp.	4/1/91
Others	

CASHIER'S USE ONLY

10-250 1032.00
10-611 140.00
10-250 100.00
10-250 18.36
CHECK 11 1290.36
#002758 CODE 001 1290.36
02/28/91

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B1 License No. 462806

Exp. Date 1994 Signature of Contractor [signature]

DYVENSATECH
CONTRACTOR (D B A) 60501

19320 VAN NESS TORRANCE
DRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure or a certificate of Worker's Compensation insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 10747629 Company STATE FUND

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date 6/2/93 Applicant [signature]

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

[signature] 6/3/93

Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK

BUILDING DIVISION -- PHONE 307-1300
320 W. Newmark Ave. - Monterey Park, Ca. 91754

BUILDING PERMIT

---- PLEASE PRINT ----

---- FOR CITY USE ONLY ----

PERMIT NO. 33956
0033956

JOB ADDRESS 1977 SATURN

ACCESSORS PARCEL NO. | LOT | TRACT | LOT SIZE

OWNER SAN GAB BANK Phone ( )

ADDRESS SAME City Zip

ARCH/ENGR RUHLEN State Lic. Phone 320 B/O 7780

ADDRESS 19320 VAN NESS City Phone (B/O) 320 7780

CONTRACTOR DYVENSATECH Phone (B/O) 320 7780

JOB DESCRIPTION	NEW	ADD/ALTER	REPAIR	DEMO.
		INTERIOR NON BEARING PARTITIONS		

NO. UNITS	NO. BEDRM/BATH	BUILDING AREA	GARAGE AREA

ROOF	EXTERIOR	STORIES	HEIGHT	NUMBER OF BUILDINGS ON LOT

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE $ 3000.00

I.C.B.O. OR OTHER APPROVAL

PERMIT ISSUED BY DATE

I HAVE READ AQMD'S RULE 1403 REGARDING ASBESTOS EMISSIONS CONTROL AND:

☐ I HAVE SUBMITTED REQUIRED NOTIFICATION TO AQMD. A COPY OF THE NOTIFICATION IS HEREBY FURNISHED.

☐ ACCORDING TO THE RULE, NOTIFICATION IS NOT REQUIRED FOR THIS RENOVATION PROJECT.

WILL THE APPLICANT OR FUTURE BUILDING OCCUPANT HANDLE A HAZARDOUS MATERIAL OR A MIXTURE CONTAINING A HAZARDOUS MATERIAL EXCEEDING THE EXEMPT AMOUNT?

☐ YES ☒ NO

SCHOOL	$	BLDG. PERMIT	$ 80.00
SEWER	$	PLAN CHECK	$ 80.00
SANITATION	$	ENERGY	$ —
Fire Prot 60pd		ACCESS	$ —
	$	PENALTY	$

Fins. Inspector Approval [signature]

Date 7.1.93

BUILDING TTL. 10-250	160.—
TRAFFIC ENGR 181-450	—
ENGR REV. 10-670	—
PARK/REC. 70-900	—
EARTH QUAKE 10-0920	.63
GEN. PLAN 10-253	12.—
RECORDS 10-252	6.—
TOTAL FEE $	178.63

ZONE	
OCCUP GROUP	
CONST. TYPE	
CUP	
VAR	
PMTV NO.	
AFF DAV'TS	
BUILDING	
ENGINEERING	
PLANNING	
FIRE DEPT.	
COUNTY ENGINEER	
COUNTY HEALTH	
WATER DEPT.	
PARK & REC.	
Work Comp. Exp.	8-1-93

CASHIER'S COPY

DECLARATIONS

The Declarations below are mandated by the State of California under Section 9825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C 10 License No. 462805

Exp. Date 1994 Signature of Contractor

CONTRACTOR (D B A)

ADDRESS City Zip

OWNER BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00).)

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

☐ I am exempt under Sec. B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 07476292 Company STATE FUND

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 6/4/93 Applicant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor ONLY Date 6/3/93

Owner Verified By:

City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is superded or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS 1977 SATURN ST.

( ) DWLG ( ) APTS ( ) COMM. ( ) ALTNS ( ) REPAIR

P.C./PERMIT NO. 33957 0033957

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL --- PLAN CHECK --- PERMIT

OWNER Saturn Bank Phone ( )

Address 1977 SATURN City M.P.

CONTRACTOR Queens Tech Phone ( )

Address 19370 VAN NESS

Work Comp. 8-1-93 Issued By MM Date 6-3-93

PERMIT FEE	22.-
PLAN CHECK	
ENERGY L.L.	
PENALTY FEE	
TOTAL FEES	22.-

Quantity			
	Permit Issuance Fee	$15.00	15.-
	Services 200 amps or less and up to 600 volts	25.00	
	201 to 1000 amps and up to 600 volts	50.00	
	Over 1000 amps or 600 volts	100.00	
	Sub-pane or Switch Board, Each	15.00	
	Temporary power pole, Each	25.00	
2	( )Receptacles ( )Switches (2)Lights ( )Junction Boxes ( )Other	1.00	2.-
1	(1) Branch Circuits	5.00	5.-
	Misc. Equip. Each: ( ) Busway ( ) Dishwasher ( ) Disposal ( ) Clotheswasher ( ) Clothesdryer ( ) Fan ( ) Cook Tops/ Range ( ) Oven ( ) Room Air Conditioner ( ) Room Heater ( ) Drinking Fountain ( ) Vending Machine ( ) Other motor-operated appliances not exceeding one horsepower	10.00	
	Power Apparatus, Motor, Heating System, Electric Powered Equip. Up to 1 HP, KW, KVA	15.00	
	Over 1 up to 10 HP, KW, KVA	30.00	
	Over 10 up to 50 HP, KW, KVA	60.00	
	Over 50 HP, KW, KVA	90.00	
	Illuminated Sign, Outline Lighting, Festoon Lighting. Each Circuit	15.00	
	Temporary Power Supply: Christmas Tree Lots, Fire Works Stand, Carnivals, Circuses, Exhibitions, Each System	15.00	
	Swim Pool, Spa or Combination thereof	40.00	
	Plan Check Fee 100%		
	PERMIT IS REQUIRED FOR NEW INSTALLATION, REPLACEMENT OR RELOCATION OF EACH ITEM LISTED ABOVE.	Total	22.-

CONTRACTOR'S SIGNATURE: Date 6/3/93

Job Final LB

Date 7/1/93

Cashier's

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-36 C-20 License No. 616440

Exp. Date 3-31-95 Signature of Contractor

Aitken Plbg Inc.
CONTRACTOR (D B A)

3317 Hyde Park Bl L.A. 90043
DRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon and who does such work himself or through his own employees provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

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☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 1920283 Company St. Compfund Ins

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 7-21-93 Applicant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 7/21/93 Applicant

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

7/21/93
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS 1977 SATURN

( ) DWLG ( ) APTS (X) COMM. ( ) ALTNS. ( ) REPAIR

P.C./PERMIT NO. 3445
0034445

MONTEREY PARK BUILDING DIVISION
PLUMBING --- PLAN CHECK --- PERMIT

OWNER Saturn Bank Phone ( ) N/A
Address 1977 Saturn City Monterey Park
CONTRACTOR Aitken Plumbing Inc. Phone (213) 758-4157
Address 3317 Hyde Park Blvd City L.A. 90043
Work Comp. Exempt Issued By [illegible] Date 9/21/93

PERMIT FEE	25
PLAN CHECK	
ENERGY FEE	/
PENALTY FEE	
TOTAL FEES	25

Quantity			
	Permit Issuance Fee Each	15.00	15.00
1	Plumbing fixtures including its water supply, trap and waste piping: ( ) Toilet ( ) Urinal ( ) Lavatory ( ) Tub, Shower or Combination ( ) Sink (X) Floor Drain ( ) Rainwater Drain ( ) Dishwasher ( ) Clotheswasher ( ) Drinking Fountain ( ) Water Treatment Equipment	10.00	10.00
	( ) Water Piping ( ) Drain Piping ( ) Vent Piping ( ) Backflow Prevertor	10.00	
	Gas System, Each Meter	20.00	
	Gas Piping, Each Outlet	5.00	
	( ) Commercial Grease Trap ( ) Commercial Grease Interceptor ( ) Trailer Park Trap ( ) Industrial Waste Interceptor/SampleBox	25.00	
	( ) Sewage Ejector System ( ) Sump Pump System	25.00	
	( ) Sewer Connection ( ) Sewer Extension ( ) Sewer Cap	20.00	
	Pool, Spa or Combination thereof including Water and Drainage System	40.00	
	Water Heater including Water Piping and Venting Systems.	22.00	
	Plan Check Fee 100%		
	PERMIT IS REQUIRED FOR NEW INSTALLATION, OR REPLACEMENT RELOCATION OF EACH ITEM LISTED ABOVE.	Total	25.00

CONTRACTOR'S SIGNATURE: Date 7-21-93

Job Final L Brown

Date 8/13/93

40-270

25.00

Cashier's Use

WHITE – City's Original; BLUE – Applicant's; CANARY – Auditor's P.C. Copy;
GOLDENROD – Building Copy; GREEN – Auditor's Final Copy; MAIN A – File Copy

DECLARATION

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can be passed on to the applicant as they are not recoverable from the state.

CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

STANHOPE CO.
Contractor's Business Name

2440 CRYSTAL Los Angeles 90039
Business Address / City / Zip

License Class B License No. 127649

Exp. Date _____ Signature of Contractor Don Lennarson

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (**Sec. 7031.5 California Business and Professions Code: See Back**).

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (**Sec. 7044, B. & P. C.: See Back**).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (**Sec. 7044, B. & P. C.: See Back**).

☐ I am exempt under Sec. _____ B. & P. C. for this reason: _____

Date _____ Signature of Owner _____

Owner Verified By	City - C. Verified By:

IMPORTANT

IF WORK AUTHORIZED BY THIS PERMIT IS NOT COMMENCED WITHIN ONE YEAR OF ISSUANCE DATE, OR IF WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS THIS PERMIT SHALL BECOME NULL AND VOID BY TIME LIMITATION. THE WORK IS DEEMED SUSPENDED OR NOT COMMENCED IF THERE IS NO SIGNED INSPECTION RECORD ON JOB CARD.

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure or a certificate of Worker's Compensation Insurance (Sec. 3800 Labor Code).

Policy No. WP94575906-01 Company Fremont Compensation

Exp. Date 1/1/95 Signature of Applicant Don Lennarson

DECLARATION OF EXEMPTION

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date _____ Signature of Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

HAZARDOUS MATERIALS

I have read AQMD's Rule 1403 regarding asbestos emissions control and

☐ I have submitted required notification to AQMD, A copy of the notification is hereby furnished.

☐ According to the Rule, notification is not required for this renovation project.

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material exceeding the exempt amount: ☐ Yes ☐ No

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY AND STATE LAWS RELATING TO THE BUILDING CONSTRUCTION, AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES.

Don Lennarson April 20, 1994
Signature of Owner or Contractor ONLY / Date

CITY'S ORIGINAL

CITY OF MONTEREY PARK

BUILDING DIVISION Phone: (818) 307-1300
320 West Newmark Avenue, Monterey Park, CA 91754

BUILDING PERMIT

FOR CITY USE ONLY

PROJECT NO. 0036130

JOB ADDRESS 1977 SATURN ST.

OWNER Sanwa Bank of California Phone ( )

Address 1977 Saturn St., Monterey Park, CA 91754

☐ ARCH. ☒ ENGR. 160-4168-3

State Lic. 160-4168-3 Phone (213) 256-2237

Address 7462 N. Figueroa St., Los Angeles, CA

CONTRACTOR RW STANHOPE CO Phone (213) 660-2620

PROJECT DESCRIPTION	New	Add/Alter	Repair	Demo
STRUCTURAL REINFORCEMENT FOR SEISMIC (ROOF TOP) No additional floor Area				

Sprinklered? ☐Yes ☐No	Construction		Occupancy	
Zone	CUP	Variance	PM/TM No.	Affidavits
Bldg. Area	Grg. Area	Pat'o/Deck	No. Units	Bdrm/Bath

VALUATION $ 50,000

Agencies	Appr'd by/Date	Agencies	Appr'd by/Date
Planning OK	RH 2/23/94	Health Dept	
Fire Dept		Indl. Waste	
Park & Rec.		Cal OSHA	
Public Works: Engrg		AQMD	
Public Works: Street		Consultant	
Public Works: Water		Consultant	

FEES	REQUIRED	INITIAL P.C.	FINAL PAYMENT
Bldg. P.C. 10-610	460	460	—
Permit 10-250	460	—	460
Engr. Rev. P.C. 10-670	/	/	/
Engr. Rev. 10-670	/	/	/
Traffic Rev. 10-450-212	/	/	/
Fire Dept P.C. 10-633	/	/	/
Records 10-252	50	—	50
Grd Plan 10-253	100	—	100
Earth Quake 10-0920	10.50		10.50
Park/Rec. 70-900	/	/	/
City Sewer 42-100	/	/	/
Safety Impact 71-0357	/	/	/
	/	/	/
	/	/	/
Total	1080.50	460	620.50

APPLIC. REC'D. BY MMB 2-16-94 DATE
APPLIC. APPR'D BY RH 2/22/94 DATE
PERMIT ISSUED BY [illegible] 4/20/94 DATE
FINAL INSP. APPRL. [illegible] 8/24/94 DATE

CASHIER'S USE ONLY (FINAL PAYMENT)

R357340 0036 R01 T14:24
CHANGE .50
TOTAL 920.50
CHECK 920.00
10-920 10.00
10-253 100.00
10-252 50.00
10-250 460.00

CASHIER'S USE ONLY (INITIAL PLAN CHECK FEES)

10-610 460.00
CHECK TL 460.00
R357330 0036 R01 T08:30
02/16/94

WHITE – City's Original; BLUE – Applicant's; CANARY – Auditor's P.C. Copy;
GOLDENROD – Building Copy; GREEN – Auditor's File Copy; MANILA – File Copy

DECLARATION

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can be passed on to the applicant as they are not recoverable from the state.

CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

X DSR CONSTRUCTION INC
Contractor's Business Name

X 9430 TRUE AVE DOWNEY 90240
Business Address City Zip

X License Class B-1 License No. 656618

X Exp. Date 10-31-96 Signature of Contractor

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason **(Sec. 7031.5 California Business and Professions Code: See Back).**

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale **(Sec. 7044, B. & P. C.: See Back).**

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project **(Sec. 7044, B. & P. C.: See Back).**

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

_____

Date _____ Signature of Owner _____

Owner Verified By:	City Lic. Verified By:

IMPORTANT

IF WORK AUTHORIZED BY THIS PERMIT IS NOT COMMENCED WITHIN ONE YEAR OF ISSUANCE DATE, OR IF WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS, THIS PERMIT SHALL BECOME NULL AND VOID BY TIME LIMITATION. THE WORK IS DEEMED SUSPENDED OR NOT COMMENCED IF THERE IS NO SIGNED INSPECTION RECORD ON JOB CARD.

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance (Sec. 3800 Labor Code).

Policy No. _____ Company _____

Exp. Date _____ Signature of Applicant _____

DECLARATION OF EXEMPTION

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers Compensation Laws of California.

Date _____ Signature of Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

HAZARDOUS MATERIALS

I have read AQMD's Rule 1403 regarding asbestos emissions control and:

☐ I have submitted required notification to AQMD. A copy of the notification is hereby furnished

☐ According to the Rule notification is not required for this renovation project.

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material exceeding the exempt amount: ☐ Yes ☐ No

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY AND STATE LAWS RELATING TO THE BUILDING CONSTRUCTION, AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES

Signature of Owner or Contractor ONLY Date

CITY'S ORIGINAL

CITY OF MONTEREY PARK

BUILDING DIVISION Phone: (818) 307-1300
320 West Newmark Avenue, Monterey Park, CA 91754

BUILDING PERMIT

FOR CITY USE ONLY

PROJECT NO. 38758

JOB ADDRESS 1777 SATURN STREET Ste.

OWNER SANWA BANK Phone (213) 727-3264

Address SAME

☒ ARCH. ☐ ENGR. FRANK R. WEBB ARCHITECTS

State Lic. C9089 Phone (310) 559-9117

Address 36235 HAYDEN AVE. CULVER CITY

CONTRACTOR Phone ( )

PROJECT DESCRIPTION	New	Add/Alter	Repair	Demo
		X		X

TENANT IMPROVEMENT - DEMOLITION & CONSTRUCTION OF NON-BEARING PARTITIONS

Sprinklered?	Constructn	Occupancy
☒ Yes ☐ No	I-F.R.	B-2

Zone	CUP	Variance	PM/TM No.	Affidavits

Bldg. Area	Grg. Area	Patio/Deck	No. Units	Bdrm/Bath
2970				

VALUATION $ 59,400

Agencies	Appr'd by/Date	Agencies	Appr'd by/Date
Planning	3/10/95	Health Dept	
Fire Dept.	3/6/95	Instl. Waste	
Park & Rec.		Cal OSHA	
Public Works: Engr'g		AQMD	
Public Works: Street		Consultant	
Public Works: Water		Consultant	

FEES	REQUIRED	INITIAL P.C.	FINAL PAYMENT
Bldg. P.C. 10-610	730	730	—
Permit 10-250	730	+	730
Engr. Rev. P.C. 10-670	/		/
Engr. Rev. 10-670			
Traffic Rev. 450-4212			
Fire Dept P.C. 10-633	60		60
Records 10-252	59 40		59 40
Gnl. Plan 10-253	118 80		118 80
Earth Quake 10-3920	5 94		5 94
Park/Rec. 70-900			
City Sewer 42-100			
Safety Impact 71-0357			
Total	1704 14	730	974 14

APPLIC. REC'D. BY MVB DATE 2/14/95

APPLIC. APPR'D BY PH DATE 3/10/95

PERMIT ISSUED BY MVB DATE 3/27/95

FINAL INSP. APPRL. Jerry Love DATE 6-9-95

CASHIER'S USE ONLY (FINAL PAYMENT)

CASHIER'S USE ONLY (INITIAL PLAN CHECK FEES)

File with BP # 38758

CITY OF MONTEREY PARK

BUILDING DIVISION Phone: (818) 307-1300
320 West Newmark Avenue, Monterey Park, CA 91754

ELECTRICAL | PLAN CHECK [X] PERMIT

[X] Commercial [ ] Residential [ ] New [ ] Add/Alter [ ] Repair

JOB ADDRESS 1977 SATURN STREET.
OWNER SANWA BANK Phone ( )
Address 1977 SATURN STREET
CONTRACTOR CALIFORNIA SUPPRESSION Phone (310) 498-6944

FOR CITY USE ONLY

PROJECT NO.	39404
PLAN CHECK	
PERMIT FEE	45
ADDTNL. P.C.	/
PENALTY	
TOTAL	45

QNT.			
	PERMIT ISSUANCE FEE	$15	15
	SERVICES 200 AMPS OR LESS AND UP TO 600 VOLTS	25	
	201 TO 1000 AMPS AND UP TO 600 VOLTS	50	
	OVER 1000 AMPS OR 600 VOLTS	100	
	SUB-PANELS OR SWITCH BOARDS	15	
	( )RECEPTACLE ( )SWITCHE ( )JNCTN BOXE ( )OTHER OUTLETS	1	
	LIGHTING FIXTURES, SOCKETS OR OTHER LAMP-HOLDING DEVICES	1	
	POWER APPARATUS: MOTORS, GENERATORS, TRANSFORMERS, HEATING/ COOLING SYSTEMS, COMMERCIAL COOKING OR BAKING EQUIPMENT, ETC. UP TO 1HP/KW/KVA	15	
1	OVER 1 UP TO 10 HP/KW/KVA (RELOCATE	30	30
	OVER 10 UP TO 50 HP/KW/KVA	60	
	OVER 50 HP/KW/KVA	90	
	APPLIANCES NOT OVER 1HP: ( )DISHWASHER ( )WASTE GRINDER ( )CLOTHESWASHER ( )ELEC. CLOTHESDRYER ( )ELEC. RANGE/ COOK TOP ( )ELEC. OVEN ( )ROOM AIR CONDITIONER ( )ROOM HEATER ( )ELEC. WATER HEATER ( )DRINKING FOUNTAIN ( )VENDING MACHINE ( )ICE MAKER ( )BEVERAGE CABINET ( )MEDICAL DEVICE	10	
	SWIMMING POOL, SPA OR COMBINATION THEREOF	40	
	TEMPORARY LIGHTING/ELEC. SYSTEM FOR FIRE WORK STAND, CARNIVAL, EXHIBITION, CHRISTMAS TREE LOT, ETC.	15	
	ILLUMINATED SIGN, OUTLINE/FESTOON LIGHTING, EACH CIRCUIT	15	
	PERMIT IS REQUIRED FOR NEW INSTALLATION, REPLACEMENT, OR RELOCATION OF ITEMS LISTED ABOVE.	TOTAL $	45

5/23/95
ISSUED DATE

Jerry Love 6-7-95
FINAL INSPECTION APPROVAL DATE

PERMIT [ ] CANCELED [ ] EXPIRED DATE

printed 12/01/93

CASHIER'S USE ONLY

DECLARATION

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can be passed on to the applicant as they are not recoverable from the state.

CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

CALIFORNIA SUPPRESSION SYSTEMS
Contractor's Business Name
2505 MIRA MAR, LONG BEACH 90815
Business Address City Zip

License Class C10/C16 License No. 327192
Exp. Date 4/30/96 Signature of Contractor

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason **(Sec. 7031.5 California Business and Professions Code: See Back).**

[ ], as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale **(Sec. 7044, B. & P. C.: See Back).**

[ ] I, as owner of the property, am exclusively contracting with licensed contractors to construct the project **(Sec. 7044, B. & P. C.: See Back).**

[ ] I am exempt under Sec _____ B. & P. C. for this reason:

Date ____ Signature of Owner _____

Owner Verified By: | City Lic. Verified By: MR

IMPORTANT

IF WORK AUTHORIZED BY THIS PERMIT IS NOT COMMENCED WITHIN ONE YEAR OF ISSUANCE DATE, OR IF WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS THIS PERMIT SHALL BECOME NULL AND VOID BY TIME LIMITATION. THE WORK IS DEEMED SUSPENDED OR NOT COMMENCED IF THERE IS NO SIGNED INSPECTION RECORD ON JOB CARD.

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure or a certificate of Worker's Compensation Insurance (Sec. 3800 Labor Code).

Policy No. 3505046 Company REPUBLIC INDEMNITY
Exp. Date 1-1-96 Signature of Applicant

DECLARATION OF EXEMPTION

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date _____ Signature of Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

HAZARDOUS MATERIALS

I have read AQMD's Rule 1403 regarding asbestos emissions control and:

[ ] I have submitted required notification to AQMD. A copy of the notification is hereby furnished.

[X] According to the Rule, notification is not required for this renovation project.

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material exceeding the exempt amount: [ ] Yes [X] No

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY AND STATE LAWS RELATING TO THE BUILDING CONSTRUCTION, AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE MENTIONED PROPERTY FOR INSPECTION PURPOSES.

Signature of Owner or Contractor ONLY 5-23-95 Date

DECLARATION

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CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

DSR CONSTRUCTION INC.
Contractor's Business Name

9430 TRUE AVE DOWNEY 90240
Business Address City Zip

License Class B-1 License No. 656618

Exp Date 10-31-96 Signature of Contractor [signature]

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: See Back).

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: See Back).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: See Back).

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

Date _____ Signature of Owner _____

Owner Verified By:	City Lic. Verified By:

IMPORTANT

IF WORK AUTHORIZED BY THIS PERMIT IS NOT COMMENCED WITHIN ONE YEAR OF ISSUANCE DATE, OR IF WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS, THIS PERMIT SHALL BECOME NULL AND VOID BY TIME LIMITATION. THE WORK IS DEEMED SUSPENDED OR NOT COMMENCED IF THERE IS NO SIGNED INSPECTION RECORD ON JOB CARD

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance (Sec. 3800 Labor Code).

Policy No 1288684 Company STATE FUND

Exp. Date 4-1-96 Signature of Applicant [signature]

DECLARATION OF EXEMPTION

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date _____ Signature of Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

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Lender's Name _____

Lender's Address _____

HAZARDOUS MATERIALS

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☐ I have submitted required notification to AQMD. A copy of the notification is hereby furnished.

☑ According to the Rule, notification is not required for this renovation project.

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material exceeding the exempt amount: ☐ Yes ☐ No

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY AND STATE LAWS RELATING TO THE BUILDING CONSTRUCTION, AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES.

[signature] 04-18-95
Signature of Owner or Contractor ONLY Date

Authorized Agent

CITY OF MONTEREY PARK

BUILDING DIVISION Phone: (818) 307-1300
320 West Newmark Avenue, Monterey Park, CA 91754

ELECTRICAL ☐ PLAN CHECK ☒ PERMIT

☐ Commercial ☐ Residential ☐ New ☐ Add/Alter ☐ Repair

JOB ADDRESS 1977 SATURN ST

OWNER SAN WA BANK Phone (213) 727-3264

Address SAME

CONTRACTOR DSR CONST. Phone 310 696 7815

FOR CITY USE ONLY

PROJECT NO.	39153
PLAN CHECK	pd
PERMIT FEE	64
ADDTNL. P.C.	/
PENALTY	
TOTAL	64

QNT.			
	PERMIT ISSUANCE FEE	$15	15
	SERVICES 200 AMPS OR LESS AND UP TO 600 VOLTS	25	
	201 TO 1000 AMPS AND UP TO 600 VOLTS	50	
	OVER 1000 AMPS OR 600 VOLTS	100	
	SUB-PANELS OR SWITCH BOARDS	15	
29	(8)RECEPTACLE (13)SWITCHE (8)JNCTN BOXE ( )OTHER OUTLETS (4 DUPLEX)	1	29
20	LIGHTING FIXTURES, SOCKETS OR OTHER LAMP-HOLDING DEVICES	1	20
	POWER APPARATUS: MOTORS, GENERATORS, TRANSFORMERS, HEATING/ COOLING SYSTEMS, COMMERCIAL COOKING OR BAKING EQUIPMENT, ETC.	15	
	UP TO 1HP/KW/KVA		
	OVER 1 UP TO 10 HP/KW/KVA	30	
	OVER 10 UP TO 50 HP/KW/KVA	80	
	OVER 50 HP/KW/KVA	90	
	APPLIANCES NOT OVER 1HP ( )DISHWASHER ( )WASTE GRINDER ( )CLOTHESWASHER ( )ELEC. CLOTHESDRYER ( )ELEC. RANGE/ COOK TOP ( )ELEC. OVEN ( )ROOM AIR-CONDITIONER ( )ROOM HEATER ( )ELEC. WATER HEATER ( )DRINKING FOUNTAIN ( )VENDING MACHINE ( )ICE MAKER ( )BEVERAGE CABINET ( )MED CAL DEVICE	10	
	SWIMMING POOL, SPA OR COMBINATION THEREOF	40	
	TEMPORARY LIGHTING/ELEC. SYSTEM FOR FIRE WORK STAND, CARNIVAL, EXHIBITION, CHRISTMAS TREE LOT, ETC.	15	
	ILLUMINATED SIGN, OUTLINE/FESTOON LIGHTING, EACH CIRCUIT	15	
	PERMIT IS REQUIRED FOR NEW INSTALLATION, REPLACEMENT, OR RELOCATION OF ITEMS LISTED ABOVE.	TOTAL $	64

[signature] 4/18/95
ISSUED DATE

Jerry Lee 6-9-95
FINAL INSPECTION APPROVAL DATE

PERMIT ☐ CANCELED ☐ EXPIRED DATE

printed * 2/01/93

CASHIER'S USE ONLY

DECLARATIONS

The Declarations below are mandated by the State of California under Section 9825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10/C-16 License No. 327196

Exp. Date 4-30-96 Signature of Contractor Maggy Adler

CAUF. SUPPRESSION SYSTEMS

CONTRACTOR (D B A)

2505 MIRA MAR AVE.

LONG BEACH, CA 90815

ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. N/A B. & P. C. for this reason:

N/A

Date N/A Signature of Owner N/A

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 3505046 Company REPUBLIC INDEMNITY

☒ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 4/3/95 Applicant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date N/A Applicant N/A

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name N/A

Lender's Address N/A

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Maggy Adler 4-3-95

Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

Work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit active no more than 180 days.

JOB ADDRESS 1977 SAMUEL AVE.

( ) DWLG ( ) APTS (X) COMM. ( ) ALTNS ( ) REPAIR

MONTEREY PARK BUILDING DEPARTMENT

ELECTRICAL --- PLAN CHECK --- PERMIT

P.C./PERMIT NO. 39056

OWNER SANWA BANK Phone ( )

Address 1977 SAMUEL AVE. City MONTEREY PARK

CONTRACTOR CA. SUPPRESSION SYSTEMS Phone (310) 498-6444

Address 2505 MIRA MAR AVE. LONG BEACH

Work Comp. 3505046 Issued By REPUBLIC INDEMNITY Date 4-3-95

PERMIT FEE	40.00	
PLAN CHECK		
ENERGY FEE		
PENALTY FEE		
TOTAL FEES	40.00	

Quantity			
1	Permit Issuance Fee	$15.00	15.00
1	Services 200 amps or less and up to 600 volts	25.00	25.00
	201 to 1000 amps and up to 600 volts	50.00	
	Over 1000 amps or 600 volts	100.00	
	Sub-panel or Switch Board Each	15.00	
	Temporary power pole, Each	25.00	
	( )Receptacles ( )Switches ( )Lights ( )Junction Boxes ( )Other	1.00	
	( ) Branch Circuits	8.00	
	Misc. Equip. Each: ( ) Busway ( ) Dishwasher ( ) Disposal ( ) Clothes washer ( ) Clothesdryer ( ) Fan ( ) Cook Tops/ Range ( ) Oven ( ) Room Air Conditioner ( ) Room Heater ( ) Drinking Fountain ( ) Vending Machine ( ) Other motor operated appliances not exceeding one horsepower	10.00	
	Power Apparatus, Motor, Heating System, Electric Powered Equip. Up to 1 HP, KW, KVA	15.00	
	Over 1 up to 10 HP, KW, KVA	30.00	
	Over 10 up to 50 HP, KW, KVA	60.00	
	Over 50 HP, KW, KVA	90.00	
	Illuminated Sign, Outline Lighting, Festoon Lighting. Each Circuit	15.00	
	Temporary Power Supply: Christmas Tree Lots, Fire Works Stand, Carnivals, Circuses, Exhibitions, Each System	15.00	
	Swim Pool, Spa or Combination thereof	40.00	
	Plan Check Fee 100%		
	PERMIT IS REQUIRED FOR NEW INSTALLATION, REPLACEMENT OR RELOCATION OF EACH ITEM LISTED ABOVE.	Total	40.00

CONTRACTOR'S SIGNATURE: Date 4/3/95

Job Final Jerry Lowe

Date 6-7-95

Cashier's Use

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-20 License No. 381140

Exp. Date 2/29/96 Signature of Contractor [signature]

Perfect Air Control
CONTRACTOR (D B A)

3815 Atlantic Ave Long Beach 90807
ADDRESS City Zip

OWNER BUILDER DECLARATION

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☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. W9511317A Company California Compensate

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 6/1/95 Applicant [signature]

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

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Lender's Name NONE

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

[signature] 6/1/95
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS 1977 Saturn St

( ) DWLG ( ) APTS (X) COMM. (X) ALTNS ( ) REPAIR

MONTEREY PARK BUILDING DEPARTMENT

MECHANICAL --- RECEIPT --- PERMIT

OWNER Sanwa Bank Phone 310-490-3700

Address 1977 Saturn St. City Monterey Park, Ca

CONTRACTOR Perfect Air Control Phone 310-498-3700

Address 3815 Atlantic Ave City Long Beach

Work Comp. 1-1-96 | Issued By [signature] | Date 6-1-95

PERMIT NO. 39467

PERMIT FEE	40.-
PLAN CHECK	
PENALTY FEE	
TOTAL FEES	40.-

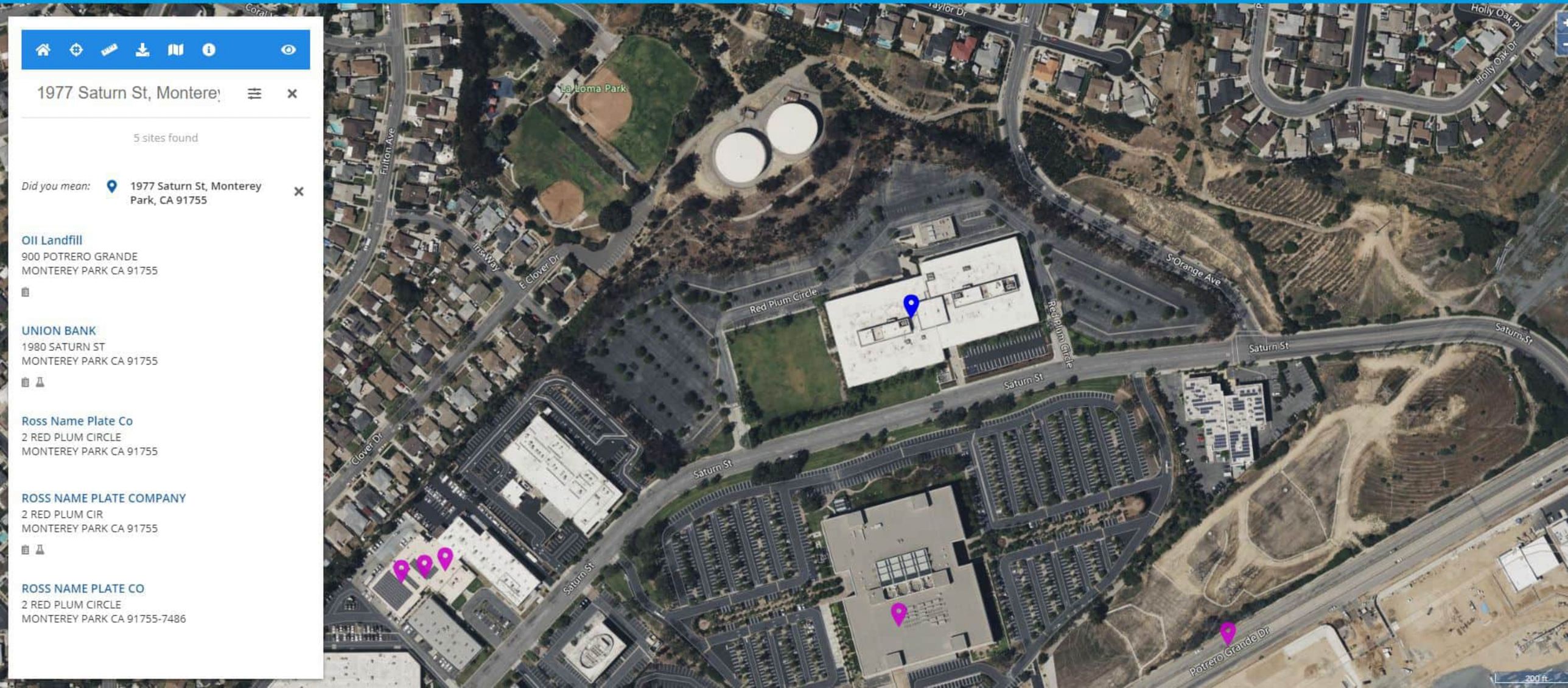
Quantity			
	Permit Issuance Fee →	$15.00	15.-
	Furnace or space heater: up to 100M B. T. U.	20.00	
	Furnace or space heater: over 100M B. T. U.	30.00	
	Compressor Boiler: up to 3 HP or 100M B. T. U.	20.00	
1	over 3 HP or 100M B. T. U. up to 15 HP or 500M B.T.U. →	25.00	25
	over 15 HP or 500M B. T. U. up to 30 HP or 1000M B.T.U.	40.00	
	over 30 HP or 1000M B.T.U.	70.00	
	Absorption Units, Evaporative Coolers Each	25.00	
	VAV Control Box	10.00	
	Diffusers or Registers, Each	3.00	
	Vent Fan, Residential Hood, Appliance Vents, Duct Extension or Alteration	15.00	
	Commercial Hood including duct	50.00	
	Metal Fireplace with Chimney, Oil Fired Equipment, Storage Tanks, Dipping Tanks, Appliance or Equipment not listed.	20.00	
	Gas Outlets, Each	5.00	
	Plan check fee shall be equal to the permit fee, when plan check is required		
	FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.	Total	40

Permits are required for all new installation, replacement, or relocation of each item listed above.

JOB FINAL Jerry Lowe

DATE 6-9-95

Cashiers Use



1977 Saturn St, Monterey

5 sites found

Did you mean: 1977 Saturn St, Monterey Park, CA 91755

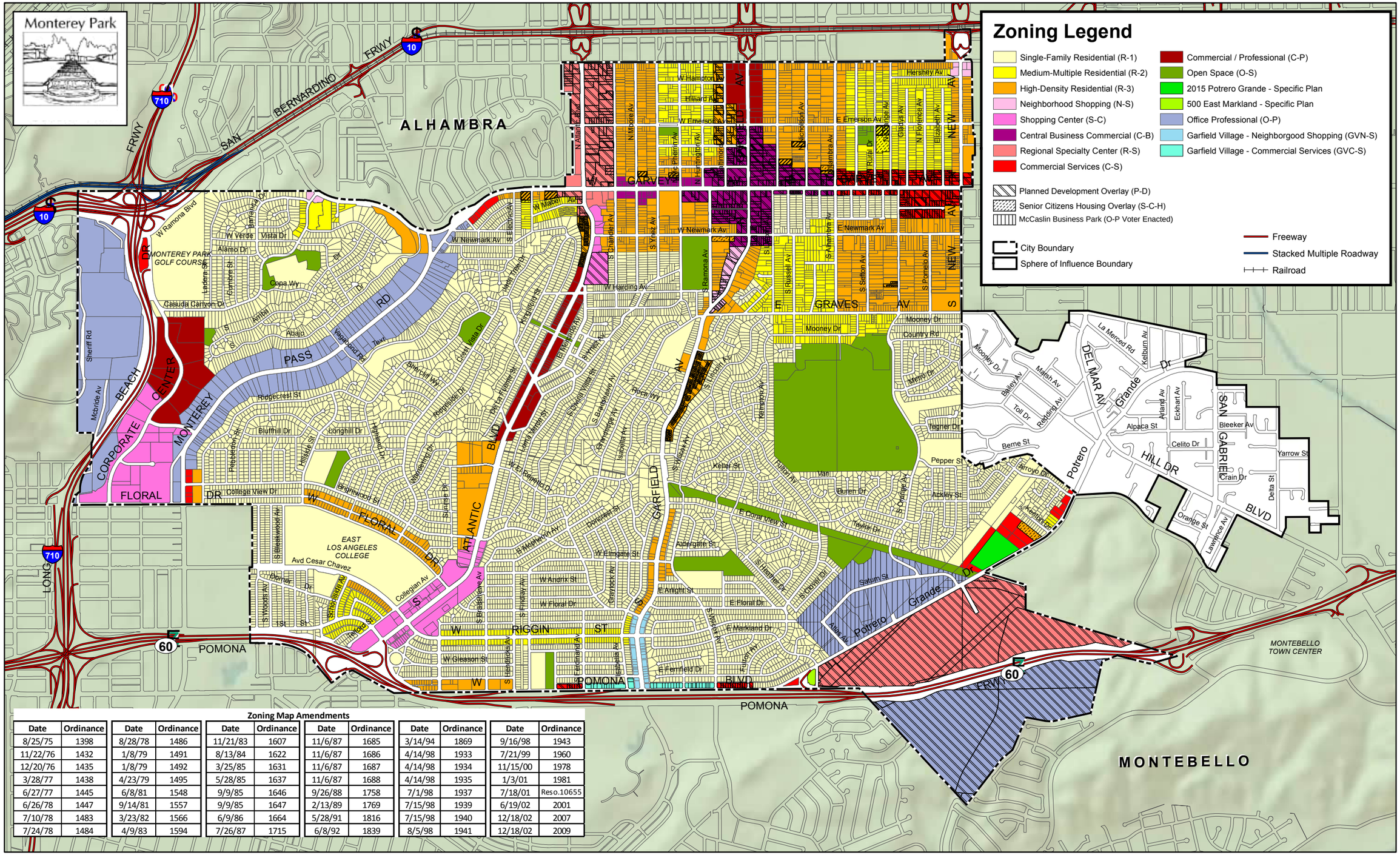
OII Landfill
900 POTRERO GRANDE
MONTEREY PARK CA 91755

UNION BANK
1980 SATURN ST
MONTEREY PARK CA 91755

Ross Name Plate Co
2 RED PLUM CIRCLE
MONTEREY PARK CA 91755

ROSS NAME PLATE COMPANY
2 RED PLUM CIR
MONTEREY PARK CA 91755

ROSS NAME PLATE CO
2 RED PLUM CIRCLE
MONTEREY PARK CA 91755-7486


Monterey Park
Zoning Legend
Single-Family Residential (R-1)
Medium-Multiple Residential (R-2)
High-Density Residential (R-3)
Neighborhood Shopping (N-S)
Shopping Center (S-C)
Central Business Commercial (C-B)
Regional Specialty Center (R-S)
Commercial Services (C-S)
Commercial / Professional (C-P)
Open Space (O-S)
2015 Potrero Grande - Specific Plan
500 East Markland - Specific Plan
Office Professional (O-P)
Garfield Village - Neighborgood Shopping (GVN-S)
Garfield Village - Commercial Services (GVC-S)
Planned Development Overlay (P-D)
Senior Citizens Housing Overlay (S-C-H)
McCaslin Business Park (O-P Voter Enacted)
City Boundary
Sphere of Influence Boundary
Freeway
Stacked Multiple Roadway
Railroad
ALHAMBRA
SAN BERNARDINO FRWY
MONTEREY PARK GOLF COURSE
EAST LOS ANGELES COLLEGE
MONTEBELLO TOWN CENTER
MONTEBELLO
POMONA
POMONA BLVD
POMONA FRWY
MONTEREY PASS RD
CORPORATE CENTER
FLORAL DR
W FLORAL DR
GARFIELD AV
ATLANTIC BLVD
GRAVES AV
CARY AV
NEW S AV
DEL MAR AV
HILL DR
SAN GABRIEL BLVD
POTRERO GRANDE DR
RIGGIN ST
LONG BEACH FRWY
W Ramona Blvd
W Newmark Av
W Harding Av
Mooney Dr
Country Rd
Berne St
Pepper St
Keller St
Ackley St
E Corral View St
Aldergate St
Saturn St
Orange St
Delta St
Yarrow St
Bleeker Av
Alpaca St
Celito Dr
Crain Dr
Arroyo Dr
Potrero Grande Dr
Sheriff Rd
Casuda Canyon Dr
Ridgecrest St
Bluffhill Dr
Longhill Dr
College View Dr
Brightwood St
Avd Cesar Chavez
Collegian Av
Dorner Dr
1st St
W Floral Dr
E Floral Dr
W Gleason St
E Fernfield Dr
E Markland Dr
E Arlight St
W Arlorix St
W Edmonst St
Taylor Dr
Van Buren Dr
Tegner Dr
Kelburn Av
Eckhart Av
Ariland Av
Redcrag Av
Bailey Av
Match Av
Toll Dr
Mcbride Av
Mabie Av
Ladera St
Crombie St
Barnaby Dr
Vista Dr
Alamo Dr
Copa Wy
Arriba
Abajo
Vaquero Rd
Text
Blackcliff Wy
Ridgeside Dr
Crest Vista Dr
Rocca Wy
Kenmore Av
Hillside St
Highland Dr
Wanderland Dr
Del Mesa Dr
Del Rio Dr
Rancho Dr
Isabella Av
Edwards Wy
Sherwood Dr
Rosemead Blvd
Garfield Av
Atlantic Av
Ramona Av
Chandler Av
Ynez Av
Russell Av
Hamlin Av
Selton Av
Pomelo Av
Hillard Av
Hampton Av
Emerson Av
Newmark Av
Meadow Av
Monroe Av
Michael Av
Glacier Av
Florence Av
Elizabeth Av
Hershey Av
Fletcher Av
Hellman Av
Hurlington Av
Fremont Av
Fletcher Av
Floradale Av
Woods Av
Blackwood Av
Hendricks Av
Rosemead Blvd
Edgewood Av
Rush Av
Greenwich Av
Hellman Av
Taylor Av
Orange Av
Lawrence Av
Elizabeth Av
Glacier Av
Michael Av
Monroe Av
Meadow Av
Hellman Av
Fremont Av
Edgewood Av
Rush Av
Greenwich

5226
006994-06

JOA
CLSR

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

8280 UTICA AVENUE, SUITE 200
RANCHO CUCAMONGA, CA 91730
909.476.2120 TEL
909.476.6819 FAX
WWW.ALTAEM.COM

C0009114931

December 7, 2018

Via US Mail First Class

Count of Los Angeles Department of Public Works
Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802-1460

RECEIVED
JAN 0 8 2019
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS

SUBJECT: **UST SOIL SAMPLING/ CLOSURE REPORT**
1977 SATURN STREET
MONTEREY PARK, CA 91755
SITE FILE NO. 6994-62151 / APP NO. 905166

To whom it may concern:

Attached is one hard copy of the subject report for your review. Please contact the undersigned if you have any additional questions.

Very Truly Yours,
ALTA EM, Inc.

REGISTERED GEOLOGIST
ROBERT B. HANSEN
No. 5839
STATE OF CALIFORNIA

ROBERT B. HANSEN
Senior Env. Geologist
California PG #5839

A 905166

cc: File no. 18738-01
Ron Franklin, George Bryant Construction

006994-065226

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

8280 UTICA AVENUE, SUITE 200
RANCHO CUCAMONGA, CA 91730
909.476.2120 TEL
909.476.6819 FAX
WWW.ALTAEM.COM

(12)
JOA/CLSR

C0009114 31

December 5, 2018

Los Angeles County Department of Public Works
Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802-1460

RECEIVED
JAN 0 8 2019
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS

SUBJECT: SOIL SAMPLING RESULTS RELATED TO UST SYSTEM REMOVALS
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

Dear Sirs:

This report summarizes the results of tank system removals, and associated soil sampling activities, completed at the subject site in Monterey Park, California (see attached Site Location Map - **Figure 1**).

The soil sampling activities were completed in general accordance with guidelines of Los Angeles County Department of Public Works (LADPW) and the Los Angeles Regional Water Quality Control Board (LARWQCB).

A copy of the UST removal permit is provided in attached **Appendix A**.

The tank removal activities were conducted by George Bryant Construction of Alta Loma, California (contractor). Soil sampling was completed by ALTA EM, Inc. (environmental consultant). A representative of the LACDPW (Mr. William Edwards) was scheduled to be on-site, but called the site contractor on-site within a few minutes of the scheduled inspection time, indicating he would not be able to be on site. Mr. Edwards authorized the UST removals and soil sampling to commence without his presence. A representative of ALTA EM, Inc. also spoke with Mr. Edwards verifying these approvals, and provided him our contact info, and the license number of the responsible Professional Geologist prior to proceeding.

Site Setting / Hydrogeology

The site is located at the northern edge of the Coastal Plain of Los Angeles County, in the Merced / Montebello Hills. These hills consist of sedimentary rocks of the Pico Formation, and the site area is dominated by the structural feature known as the Montebello Anticline. The site area is not known to contain large-scale regional aquifers, as is the nearby/adjoining LA County Coastal Plain just to the south. The site is located just north and outside of the Montebello Forebay Area of the LA Coastal Plain Groundwater basin (DWR, 1961).

A review of the LACDPW water well database revealed no listed wells within one mile of the subject site (LACDPW, 2018). ALTA EM, Inc. also contacted a nearby cemetery east of the subject site (see **Figure 1**) asking about any potential well information at this location. The cemetery staff reported they have no wells (Resurrection Cemetery, 2018). A review of the Geotracker database for nearby LUST cases, with well data, revealed one facility approximately 0.5 miles south-southwest of the site with groundwater at approximately 70 feet deep in 2005. All other LUST sites with groundwater well data were greater than 0.75 miles away (Geotracker, 2018).

The site is located at the foot of a small hill, on a large graded earthen pad built for the construction of the commercial-office complex which occupies the property. Atop the hill overlooking the site are large municipal water storage tanks, a landscaping nursery (Chuys Nuersery), and a community park (La Loma Park) (see attached **Figure 2**).

While a regional aquifer is not anticipated beneath the site area, an accumulation of relatively shallow groundwater *does* exists beneath the site. The source of this groundwater is unknown (i.e. from nearby or on-site irrigation water? an accumulation of natural precipitation? an on-site water leak? combination of these sources?). Groundwater was initially encountered in the larger UST pit at approximately 5 feet, but stabilized at approximately 11.5 feet bgs overnight after it was pumped out to facility the UST removals. It is noted that groundwater appeared to be shallowest in the western-most portion of the area of investigation, even being encountered in a couple of the piping trench soil samples at 4 feet bgs.

Three monitoring wells were noted around the perimeter of the larger UST pit. All three wells appeared to have been partially destroyed (i.e. cement backfilled in their wells boxes). During excavation, the upper three to five feet of several of the wells was exposed and observed to be 4" PVC casing (presumed to also be backfilled). It is unknown if these wells were installed as groundwater monitoring wells, or possibly vadose wells when groundwater was absent or deeper.

In summary, while a regional aquifer is not anticipated beneath the site area, an accumulation of relatively shallow groundwater exists beneath the site at 4 to 11.5 feet bgs. The direction of groundwater flow is unknown, though topography of the site would strongly indicate it is likely toward the west to southwest. This is contradicted by on-site observations indicating the shallowest groundwater is in the western-most portion of the area investigated.

Tank Contents, Capacity, Construction

Details of the removed tanks were reported by the contractor as follows:

	Content	Capacity	Size	Construction
Tank #1	Diesel Fuel	10,000 gals	34' by 8'	Single-wall fiberglass w/rounded ends
Tank #2	Diesel Fuel	10,000 gals	34' by 8'	Single-wall fiberglass w/rounded ends
Tank #3	Diesel Fuel	2,500 gals	12' by 6'	Double-wall fiberglass coated steel

Larger Tanks 1 & 2 were located in a cluster, while Tank 3 was located approximately 140 feet east of the others. All three tanks contained diesel fuel, and were used to supply emergency generators. All three thanks were buried 3 to 4 feet bgs.

Attached **Figure 3** and **Photo nos. 1 and 2** show the two tank pit areas.

Soil Sampling Methods & Locations

All samples were collected on November 8, 2018.

Samples along the fuel product lines were collected at depths ranging from 3.5 to 5 feet bgs (at least 2 feet beneath removed lines), and were designated as samples no. PS1 to PS13. Attached **Photo nos. 3 through 7** show the various product line trenches which were sampled.

The Tanks 1 & 2 pit contained groundwater at approximately 11.5 feet bgs, and a large concrete pad underlying the tanks at approximately 13.5 feet bgs, precluding reasonable soil sampling. Attached **Photo no. 8** shows groundwater in the tank pit and the concrete pad depth. Given soil samples could not reasonably be collected, alternative groundwater samples were collected from this UST pit with a disposable polyethylene sampling bailer. Attached **Figure no. 3** shows the approximate locations of these two groundwater samples, designated TPGW1 and TPGW2.

The Tank 3 pit also contained an underlying concrete pad throughout the pit bottom at approximately 11.5 feet bgs, but no groundwater. This pad also precluded the reasonable collection of soil samples beneath

the concrete. Alternatively, soil samples were collected from the pit sidewalls, just above the concrete pad level, at diagonally opposing corners of the former tank. The locations of these soil samples, designated T3-1-10 and T3-2-10, are shown on attached **Figure 3**.

Soil samples were obtained with the aid of a hand auger or backhoe. Samples were retained in general accordance with EPA method no. 5035 protocol. An additional amount of each sample (for non-VOC analyses) was also collected in laboratory approved 4-oz. glass jars. **Appendix B** includes further details of the sampling procedures.

Attached **Photos 9 & 10** show both UST pits after the tanks had been removed.

Field Observations

During the soil sampling, olfactory and visual observations, as well as soil types, were recorded and are summarized in the table below:

SAMPLE NO.	SAMPLE LOCATION	SAMPLE DEPTH (feet bgs)	ODOR	COLOR	SOIL TYPE
PS1-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, damp, clayey F. SAND
PS2-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, silty F. SAND
PS3-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, F. SAND; with trace silt
PS4-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, F. SAND; with trace silt
PS5-5	Pipingt rench	5	No Odor	No Discoloration	Yellowish brown, damp to moist, clayey gravelly F. SAND
PS6-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist, F. SAND
PS7-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist, gravelly F. SAND
PS8-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, most , F. SAND
PS9-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist to wet, silty F. SAND
PS10-3.5	Piping trench	3.5	No Odor	No Discoloration	Yellowish brown, moist to wet, silty F. SAND
PS11-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, saturated, clayey silty F. SAND
PS12-3.5	Piping trench	3.5	No Odor	No Discoloration	Yellowish brown, damp to moist, clayey silty F. SAND
PS13-4	Piping trench	4	Very slight HC odor	No Discoloration	Yellowish brown w/olive mottling, moist, sandy SILT; with trace clay
T3-1-10	Tank #3 pit	10	No Odor	No Discoloration	Yellowish orange brown, damp, clayey F. SAND
T3-2-10	Tank #3 pit	10	No Odor	No Discoloration	Yellowish brown, damp, F. SAND; with trace silt and Med Sand.

During the groundwater sampling, olfactory and visual observations were recorded and are also summarized in the table below:

SAMPLE NO.	SAMPLE LOCATION	SAMPLE DEPTH (feet bgs)	ODOR & VISUAL OBSERVATIONS	COMMENT
TPGW1	Tank #1 pit - North	11.5	No odor or sheen	Groundwater sample
TPGW2	Tank #1 pit - South	11.5	No odor or sheen	Groundwater sample

Analytical Methods / Results

All soil and groundwater samples were analyzed for TPH diesel (C_{10}-C_{28}), BTEX and Fuel Oxygenates. The UST removal permit initially indicated that organic lead analyses were also required; however follow-up communications with Kattya Batres of the LACDPW confirmed the lead analyses were not required if the USTs historically only contained diesel fuel (which is the case) (see Appendix A).

The analyses were completed in general accordance with modified EPA method no. 8015 (for TPH diesel) and EPA method no. 5035/8260B (for BTEX & FUEL OXYENATES). Results are summarized as follows:

SOIL SAMPLES (all results in mg/kg)				
SAMPLE NO.	**SAMPLE DEPTH (feet bgs)**	**TPH DIESEL (C_{10}-C_{28})**	**BTEX**	**FUEL OXYGENATES (MTBE, ETBE, DIPE, TAME, TBA)**
PS1-4	4	ND	ND	ND
PS2-4	4	ND	ND	ND
PS3-4	4	ND	ND	ND
PS4-4	4	ND	ND	ND
PS5-5	5	ND	ND	ND
PS6-4	4	ND	ND	ND
PS7-4	4	ND	ND	ND
PS8-4	4	ND	ND	ND
PS9-4	4	ND	ND	ND
PS10-3.5	3.5	ND	ND	ND
PS11-4	4	ND	ND	ND
PS12-3.5	3.5	ND	ND	ND
PS13-4	4	**15.2**	ND	ND
T3-1-10	10	**10.5**	ND	ND
T3-2-10	10	ND	ND	ND
PQLs	**N/A**	**10**	**0.005-0.01**	**0.005 - 0.05**

GROUNDWATER SAMPLES (all results in ug/L)				
SAMPLE NO.	**SAMPLE DEPTH (feet bgs)**	**TPH DIESEL (C_{10}-C_{28})**	**BTEX**	**FUEL OXYGENATES (MTBE, ETBE, DIPE, TAME, TBA)**
TPGW1	11.5	ND	ND	ND
TPGW2	11.5	ND	ND	ND
PQLs	**N/A**	500	1-3	3-50

In summary, no significant TPH (C_{10}-C_{28}), BTEX or Fuel Oxygenates were detected in any of the soil or groundwater samples. Two soil samples were reported to contain minor detected TPH (C_{10}-C_{28}) at concentration of 15.2 and 10.5 mg/kg. No field evidence indicating major fuel impacts was observed at or nearby these two samples with detections. A laboratory report further detailing the results of the soil/water sample analyses is provided in attached **Appendix C**.

Other Documentation

Provide in attached **Appendix D** are copies of the tank cleaning rinsate manifest, and the tank destruction/recycling certificates.

Conclusions

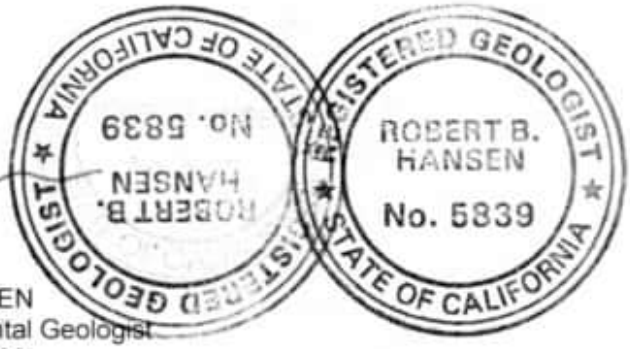
Three USTs were removed from the subject site. Two UST were located in one pit, and the third was approximately 140 feet away. Soil samples PS13-4 (piping trench) and T3-1-10 (Tank 3 pit) were reported to contain 15.2 and 10.5 mgkg of TPH (C_{10}-C_{28}), but no detected BTEX or Fuel Oxygenates. Every other soil sample was reported to contain no detected TPH (C_{10}-C_{28}), BTEX or Fuel Oxygenates.

Shallow groundwater was encountered in the Tank 1 & 2 pit, as well as a concrete pad underlying the tanks. Two groundwater samples collected from this tank pit were also reported to contain no detected TPH (C_{10}-C_{28}), BTEX or Fuel Oxygenates.

Based on the field observations and laboratory data, there is no evidence to indicate a significant release of diesel fuel from the removed UST systems. No further action is recommended, and a no further action letter is requested from the responsible party. At the time of this report, the site had no Geotracker case or global ID assigned, so this report and associated data could not be uploaded.

The opportunity to be of service is greatly appreciated. If you have any questions or comments, please do nothesitate to contact the office at (909) 476-2120.

Very Truly Yours,
ALTA EM, INC.



ROBERT B. HANSEN
Project Environmental Geologist
California P.G. #5839

cc: File No.: 18738-01

REFERENCES

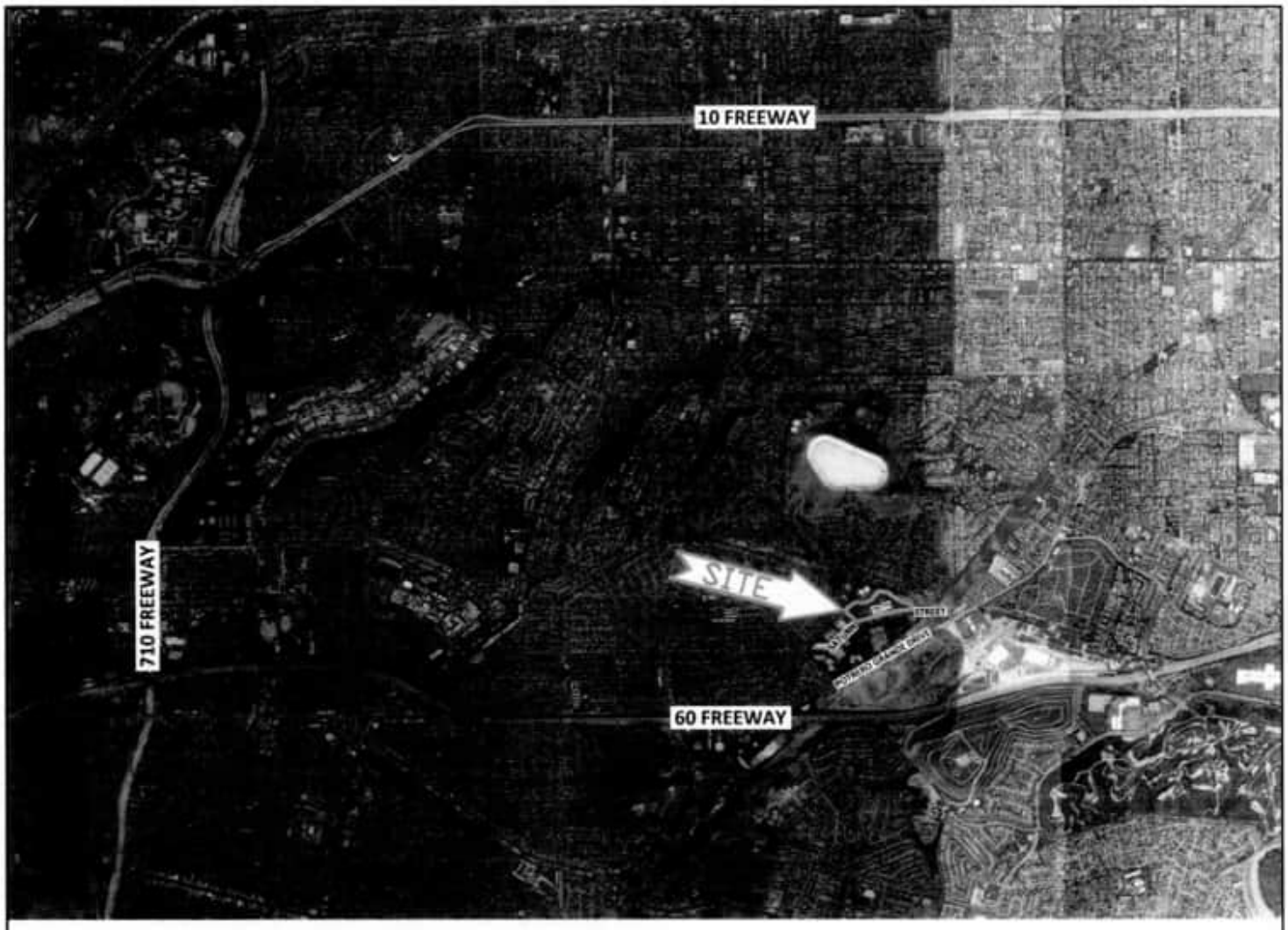
DWR (State of California Department of Water Resources), 1961, Bulletin No. 104, Planned Utilization of the Ground Water Basins of the Coastal Plain of Los Angeles, Appendix A Groundwater Geology, dated June 1961, reprinted April 1988.

Geotracker, 2018, State of California Water Resource Control Board Geotracker Database, reviewed November 9, 2018, source:http://geotracker.waterboards.ca.gov.

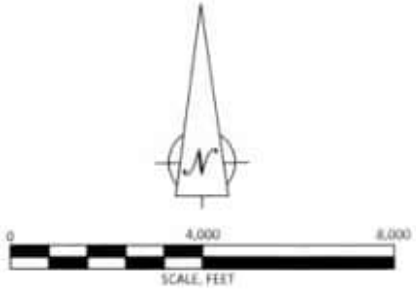
LACDPW (Los Angeles County Department of Public Works), 2018, Water Well Database (http://dpw.lacounty.gov/general/wells/) reviewed on November 9, 2018.

Resurrection Cemetery, 2018, telecommunication with cemetery staff on November 9, 2018.

USGS (United States Geological Survey), 1966, El Monte Quadrangle, 7.5-minute series topographic map, dated 1966, photorevised 1981.







Note:

Base imagery taken from Google Earth, dated 12/03/17.

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

TITLE: SITE LOCATION MAP

PROJECT:
GBC-MONTEREY PARK
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

DRAWN BY:	CHECKED BY:	FIGURE NO.:
J. PETITJEAN	R. HANSEN	1
PROJ. NO.: 18738-01	DATE: NOV 2018	



0 200 400
Scale, Feet

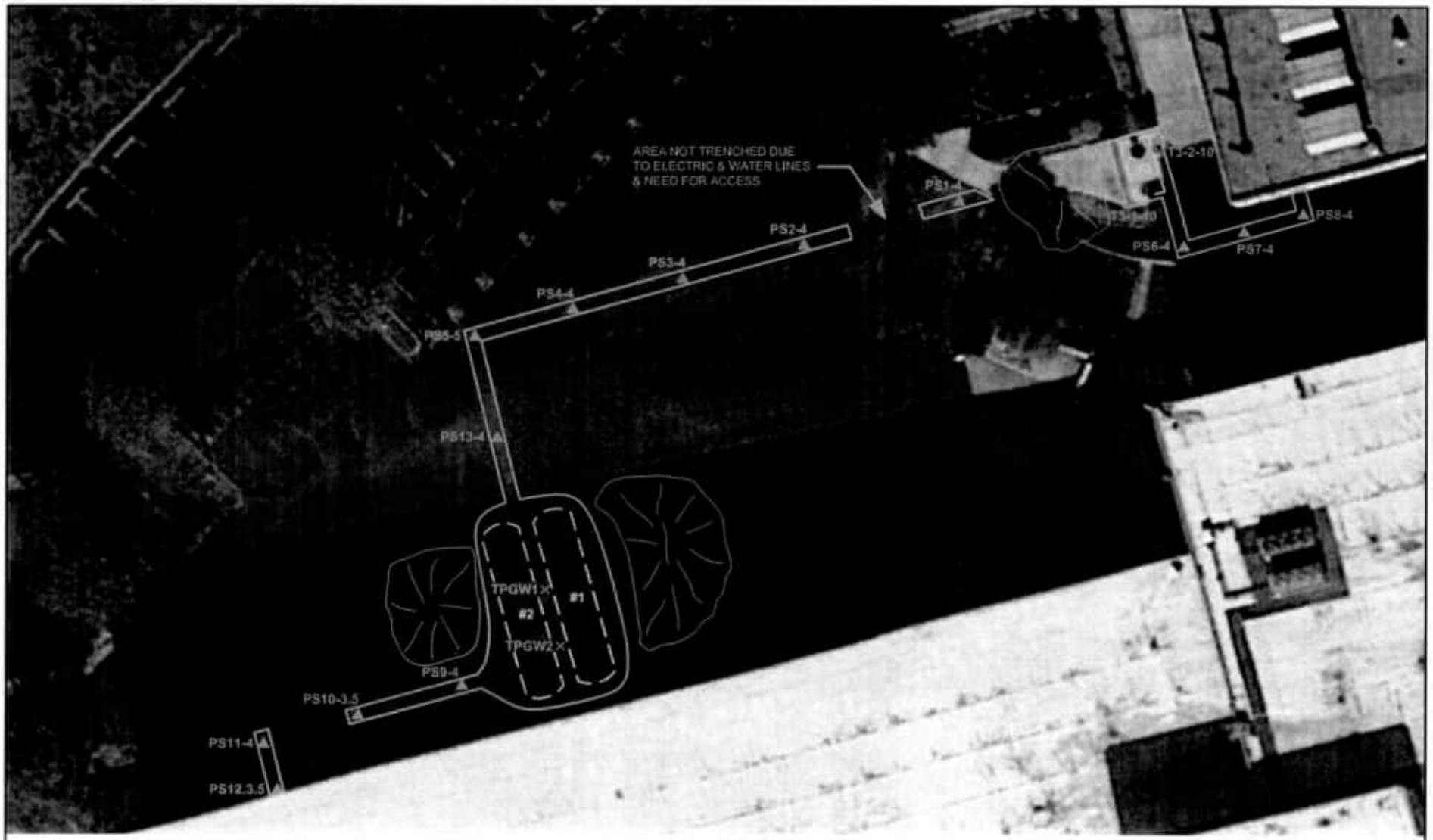
NOTES:
1) All locations and dimensions are approximate.
2) Base imagery taken from Google Earth, dated 12/03/17.

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

PROJECT:
GBC-MONTEREY PARK
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

TITLE:
SITE PLAN

DRAWN BY:	CHECKED BY:	FIGURE NO.:
J. PETITJEAN	R. HANSEN	2
PROJ. NO.: 18738-01	DATE: NOV 2018	



EXPLANATION

PS1-4 ▲ Soil Sample Location and Designation
└ Approximate Sample Depth Below Ground Surface (feet)

TPGW1 × Groundwater Sample Location and Designation

Removed UST
└ Tank No.

Pea Gravel Stockpile

Exposed Piping Trench

0 30 60
Scale, Feet

NOTES:
1) All locations and dimensions are approximate.
2) Base imagery taken from Google Earth, dated 12/03/17.

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

TITLE: SOIL SAMPLING LOCATIONS

PROJECT:
GBC-MONTEREY PARK
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

DRAWN BY:	CHECKED BY:	FIGURE NO.:
J. PETITJEAN	R. HANSEN	3
PROJ. NO.: 18738-01	DATE: NOV 2018	



Photo 1: (looking S) Tanks 1 & 2 pit prior to UST removals. Note evidence of prior (partially destroyed) monitoring wells in background).



Photo 2: (looking N) Tank 3 pit.



Photo 3: (looking W) Product line trench section in which sample nos. PS1, PS2, PS3, PS4 and PS5 were collected.



Photo 4: (looking S) Product line trench section in which sample nos. PS5 and PS13 were collected.



Photo 5: (looking W) Product line trench section in which sample nos. PS9 and PS10 were collected..



Photo 6: (looking S) Product line trench section in which sample nos. PS11 and PS12 were collected.



Photo 7: (looking E) Product line trench section in which sample nos. PS6, PS7, and PS8 were collected.



Photo 8: (looking E) Tank #1 and #2 pit after USTs have been removed. Note groundwater in bottom of the pit at 11.5 feet. Excavator bucket teeth are extending through this groundwater and touching an underlying concrete pad at approximately 13.5 feet bgs.



Photo 9: (looking W) Tank 1 and 2 pit after USTs have been removed.



Photo 10: (looking W) Tank 3 pit after UST had been removed. Concrete pad underlying pea gravel.

APPENDIX A

LACDPW UST REMOVAL PERMIT

FORM VALID JULY 1, 2018 TO JUNE 30, 2019

DPW USE ONLY:
SITE-FILE NO. 6994 - 65226
APP NO. 1905766 AREA 3M
CHECK [X] CASH [ ] OTHER [ ]
FEE $ 1667.00

CLOSURE AUTHORIZATION FOR HAZARDOUS SUBSTANCE UNDERGROUND STORAGE TANKS

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS (DPW)
Environmental Programs Division
900 South Fremont Avenue, 3rd Floor Annex Building
Alhambra, CA 91803-1331
Phone Number (626) 458-3517, Fax Number (626) 458-3569
www.CleanLA.com

Removal Information must be submitted to CERS. Refer to attached forms.

CLOSURE REQUESTED:

- [X] PERMANENT, UST REMOVAL
- [ ] PERMANENT, UST CLOSURE IN-PLACE - Attach Justification Statement
- [ ] TEMPORARY CLOSURE
- [ ] OTHER (ONLY PIPING, UNDER DISPENSER CONTAINMENT, ETC), EXPLAIN: _____

ATTACH PLOT PLAN Show existing tanks, piping and dispenser locations, etc. (to scale).

FACILITY California Environmental Reporting System (CERS) ID: _____ DATE INFORMATION SUBMITTED TO CERS: _____

HOW MANY UNDERGROUND STORAGE TANKS WILL REMAIN AFTER THIS CLOSURE? 0 **EXISTING HSUSP NUMBER:** 842830

Who is closing the UST(s)? [ ] UST OWNER/OPERATOR OR [X] CONTRACTOR

Email address of UST owner/operator or recipient: ron@georgebryantconst.com

FACILITY TO BE CLOSED (VERIFICATION FOR NOTIFICATIONS):

Facility Name: Equity office Phone: 909 944 3517
Facility Address: 1977 Saroni St City: Monterey Park Zip: 91755
Tank Owner/Contact: Maya Collins Title: Property Manager
Contractor Name: George Bryant Construction Phone: 909 944 3517
Contractor License No.: 718466 Class(s): A B C21 C22 HAZ

Contractors Shall Be Hazardous Substance Removal Certified "HAZ" per California Business & Professions Code Division 3, Chapter 9, Article 4, §7058.7 (e)

NUMBER OF UST's TO BE CLOSED	UST ID NO. (DPW USE ONLY)	CAPACITY - GALLONS	SUBSTANCES STORED (PAST/PRESENT)	CLOSURE FEE
1				$1,143.00
2				$1,405.00
3				$1,667.00
4				$1,929.00
5				$2,191.00
6 (+ ATTACH LIST)				$881.00 + $262.00 per UST =

Closure of Underground Storage Tanks (USTs) shall be in compliance with Los Angeles County Code Title 11, Division 4

COMPLETE SURVEY:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[X]
Has a structural repair ever been made to these underground storage tanks?	[ ]	[X]
Will new underground storage tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES IN TANKS TO BE CLOSED, MAY BE HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE DIVISON 20, CHAPTER 6.5 AND MUST BE REPORTED IN THE CLOSURE REPORT. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below, you certify that all statements and disclosures above are true and correct.
You have read and agree to abide by this authorization and all conditions and limitations on the back and attached:

Authorization Recipient (Print Name) Ronald Franklin Phone 909 944 3517
Recipient's Signature _____ Date 10/25/18
Recipient is: **UST Owner** [ ] **UST Operator** [ ] or **Contractor** [X] Written authorization is required for submittals made on behalf of owner/operator.

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS.

THIS AUTHORIZATION EXPIRES: 04/25/2019 *****SEE ATTACHMENTS*****

MARK PESTRELLA
Director of Public Works

By: gkh Date: 10/25/2018

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the County of Los Angeles Department of Public Works, Environmental Programs Division, P.O. Box 1460, Alhambra, California 91802-1460, containing:

1. File number of facility and closure permit number.
2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.
3. Description of methods for obtaining, handling, and transporting samples.
4. Time and date samples were obtained.
5. Soil sampling certification (including but not limited to soils classification, boring logs, sample procedures, sample locations, initiating chain-of-custody, and groundwater location) for Underground Storage Tank closure shall be certified by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils. The certification must clearly state that all work was performed under the supervision of the person signing.
6. Chain-of-custody documentation initiated by person obtaining sample through person at a California Department of Health Services certified laboratory.
7. Disposal destination of tanks and evidence of legal disposal.
8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction, and methods of analysis.
9. Documentation as to depth of groundwater at facility.
10. Manifests to document hazardous waste disposal of any removed soil and tank rinsate.
11. Evidence of legal disposal of soils designated as nonhazardous.
12. Any observations of site contamination.
13. Report to be signed by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils.
14. Submit to the California Environmental Reporting System (CERS) the date the UST was permanently closed for all tanks removed or closed in-place.

Print Name Ronald Frazier

Signature _____ Date 10/25/16

CERS Business

Home | Submittals | Facilities | Compliance | My Business

UST Facility Operating Permit Application:

Home » Prepare Submittal » UST: UST Facility Operating Permit Application (Draft)

Instructions/Help

You must complete this form withing 30 days of all new permits, permit changes, or facility information changes. You will also need to update/confirm your tank, monitoring plan, and other pertinent UST-related forms.

All facilities **must** provide a BOE Number--valid numbers are 8 digits long starting with the numbers 44... State and federal facilities should use 44032062. If **ALL** underground tanks at your facility **ONLY** contain NON-petroleum productions, you can provide this generic BOE Number: 44000000. Contact your local regulator if you are unsure what number to provide.

The former paper version of this form was called "UST Operating Permit Application-Facility Information" (Form A).

More information about UST Financial Responsibility Mechanisms is available at the Water Board's Underground Storage Tank Cleanup Fund Financial Responsibility web page.

Click this field to reflect permanent UST closure.

Save | Cancel

Type of Action

○ Confirmed/Updated Information ○ New Permit ○ Renewal Permit ○ Temporary Facility Closure ◉ Permanent Facility Closure ○ Transfer Permit

Facility Information

EXAMPLE FACILITY

Facility Type *

○ Motor Vehicle Fueling ○ Fuel Distribution ○ Farm ○ Processor ○ Other

BOE Number *

Is the facility located on Indian Reservation/Trust lands? *

○ Yes ○ No

Property Owner

Owner Name * Phone *

Tank Operator

Tank Operator Name * Phone *

Mailing Address *

City State ZIP/Postal Code

Country *

United States For International Address

Tank Owner

Owner Name * Phone *

CERS Business

Home | Submittals | Facilities | Compliance | My Business

UST Tank Information/Monitoring Plan:

Home » Prepare Submittal » UST: UST Tank Information/Monitoring Plan (Draft)

Instructions/Help

Use this form to enter data for new UST systems or revise data for an existing UST system. You must complete a separate form for each affected tank. For tanks that are part of a compartmentalized unit, each compartment is considered a separate tank. This information is required within 30 days of permit or facility information changes, unless your local agency requires approval prior to making the changes.
The former paper version of this form was called "UST Operating Permit Application-Tank Information" (Form B).

Copy from Other UST Tank | Save | Cancel

Type of Action

Type of Action (UST Tank) *

( ) Confirmed/Updated Information ( ) New Permit ( ) Renewal Permit ( ) Temporary UST Closure ( ) UST Permanent Closure on Site (•) UST Removal

Facility Information

EXAMPLE FACILITY

Enter this date after the UST has been removed.

Click this field to reflect permanent removal of the UST.

Tank Description

Tank ID # *

Date UST System Installed *

Tank Configuration *
( ) A Stand-alone Tank ( ) One in a Compartmented Unit

Tank Manufacturer *

Date Existing UST Discovered *

Number of Compartments in the Unit *

Tank Capacity In Gallons *

Date UST Permanently Closed *

Additional Description *

Tank Use and Contents

Tank Use *
Motor Vehicle Fueling
Marina Fueling

Tank Contents * Read This First
Regular Unleaded
Premium Unleaded

Tank Construction

Type of Tank * Read This First
Single Wall Double Wall Unknown

CERS Help | Settings | My Business: *Test Facility* | Select Business

CLOSURE – UNDERGROUND STORAGE TANKS

CONDITIONS A – GENERAL

1. Closures shall be carried out such that all applicable regulations from the following agencies are complied with: Los Angeles County, Department of County Engineer – Facilities; Los Angeles County Fire Department, Fire Prevention Division or the appropriate City Fire Department; South Coast Air Quality Management District; and Los Angeles County Department of Health Services.

2. The County Engineer and Fire Departments shall be notified in advance of any closure in accordance with the following:

   a. Removal of tank shall require a three (3)-business day advance notification.
   b. Permanent closure of a tank in place or a temporary closure shall require a 30-written notification.

3. Consult current fee schedule for costs.

4. All abandoned wells shall be destroyed in such a way that they will not produce water or act as a channel for interchange of water, when such interchange may result in deterioration of the quality of water in any or all water bearing formations penetrated, or present a hazard to the safety and well-being of people and animals.

5. A well destruction permit issued by the Los Angeles Department of Health Services shall be required for all wells requiring a permit for their initial construction.

6. Well destruction shall be accomplished according to methods described in the latest "Water Well Standards: State of California" by the Department of Water Resources, contained in Bulletin 74 – 81, December 1981, or any other methods that will provide equivalent or better protection.

7. Plans for the decontamination of a facility shall be submitted to the County Engineer for approval no later than 30 days before the commencement of such operations. Other agencies having jurisdiction shall also be notified. These agencies the California Regional Water Quality Board, the Los Angeles County Department of Health Services, and the South Coast Air Quality Management District.

8. Decontamination shall require the following, as a minimum:

   a. Cleaning operation shall be done under the supervision of persons who understand the hazardous potential of the original liquid stored and its components.
   b. The personnel shall be sufficiently skilled to safely carry out such operation.
   c. Contaminated materials removed from such facility shall be disposed of at legal point of discharge.
   d. The operation shall be carried out in a manner that will not endanger the health of the public and the environment.

CONDITIONS B – TEMPORARY

1. All temporary closures shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, "Abandonment or Removal of Underground Tanks, "Part A and any other applicable Parts.

2. A temporary closure shall not exceed 180 days.

CONDITION C – PERMANENT TANK (S) REMOVAL

1. All tank removals shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Part D and any other applicable Parts.

2. Owners/operators shall notify the Building Department having jurisdiction at the place of removal if a grading permit is necessary.

3. Removed tanks shall not be transported away from the site until an inspection to establish site integrity is carried by the County Engineer.

4. If an appointment has been arranged with a County Engineer Inspector to inspect the removal of a tank, the inspector will only wait at the site a reasonable amount of time (approximately one hour) after arriving for the removal to commence. Another closure fee may be charged if the inspector has to return to the site.

5. After inspection, tank shall be transported to a legal disposal point.

6. If the tank has stored materials other than motor fuel, fuel oil or waste oil, site integrity shall be demonstrated using the soil sampling and analysis procedures described in CONDITIONS D below.

7. The site shall be filled and re-compacted to a relative compaction of 90%.

CONDITIONS D – PERMANENT

1. All permanent closures of tanks in place shall comply with Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Parts B or C, and any other applicable Parts.

2. Owners/operators shall demonstrate part site integrity as follows:

   a. Test borings shall be slant drilled to intercept a point beneath the center of the tank, if possible. If slant drilling is not feasible, the test boring may be drilled vertically and the reason stated in the report in 2.h. below.
   b. For single tanks, a minimum of two test borings will be required, each located on opposite sides of the tank along the major axis of the tank.
   c. For multiple tanks, as a minimum, boring shall be placed at 20-foot intervals around the tank cluster. The actual number and location of borings shall be evaluated on a case-by-case basis. Tanks separated by 20 feet or more shall be considered single tanks for the purposes of test location and placement.
   d. Soil samples shall be taken at depths of 5, 10, 20, 30 and 40 feet below grade level.
   e. A Shelby Tube or a Modified California Sampler shall be utilized for taking all soil samples.
   f. Soil samples shall not be extruded in the field but are to be immediately placed in a refrigerated ice chest and transported to a state certified laboratory for analysis, using suitable methods.
   g. A report containing the results of the above analysis shall be submitted to the County Engineer.

3. If the soil analysis in 2. above indicates the presence of contaminants, the County Engineer shall require a site investigation as described in Chapter V of the County's "Underground Storage of Hazardous Materials – Guidelines."

4. A report shall be submitted to the County Engineer containing the results of the site investigation.

CLOSURE APPLICATION SUPPLEMENT **PART 1 OF 3**
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

DPW USE ONLY:
SITE-FILE NO. 6994-62151
APPLICATION NO. 905099

To satisfy the permanent closure requirements for underground storage tanks storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

***** Soil sampling will be required for Vent and Vapor Recovery piping for UST systems installed after July 1, 2003. *****

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1A, 1B	2-4 feet beneath	TPHD	→ 8015M
2A, 2B	tank invert	BTEX, MTBE	→ 8260B
3A, 3B		Fuel Oxygenates	→ 8260B
		# Organic Lead	→ DOHS Method
1 sample	2-4 feet below	same as	same as
	each UDC	above	above
1 sample	2-4 feet below	Same as	Same as
	piping, every 20 feet	above	above
	starting from UDC's		

- Apply EPA Method 5035 for soil sample collection, preparation and preservation.

~~# Test for organic lead if past UST contents were tested, or if it is unknown whether past UST contents were leaded.~~

Continued on Page 2

3. All soil samples obtained shall be discrete, undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date/time of sampling shall be included in the final report.

4. Conform to the analytical requirements table below for petroleum hydrocarbon sites. Apply EPA Method 5035 specified in the USEPA SW-846, version III (12/1996) for soil sample preparation and preservation in order to minimize volatile organic losses. Use the sample collection devices, or equivalent, specified in the method (e.g., the Encore™ sampler). If the Encore™ sampler is used, analyze sample within 48 hours from the collection. Analyze sample within 10 days for soil samples stored under frozen conditions.

UST CONTENTS	Analyte	Analytical Method	Required MDL	
			Soil (ug/kg)	Water (ug/L)
GASOLINE OR DIESEL	Totoal Petroleum Hydrocarbons(TPH) - Gasoline	EPA Method 8015 (M)	100-200	50-100
	Total Petroleum Hydrocarbons (TPH) - Diesel	EPA Method 8015 (M)	1000	500
	Benzene	EPA Method 8260B (8021B)	1	0.5
	Toluene	EPA Method 8260B (8021B)	1	0.5
	Ethylbenzene	EPA Method 8260B (8021B)	1	0.5
	Xylenes (Total)	EPA Method 8260B (8021B)	1	0.5
	Methyl Tertiary Butyl Ether (MTBE)	EPA Method 8260B	2	1
	Di-isopropyl ether (DIPE)	EPA Method 8260B	2	1
	Ethyl tertiary butyl ether (ETBE)	EPA Method 8260B	2	1
	Tertiary amyl methyl ether (TAME)	EPA Method 8260B	2	1
	Tertiary butyl alcohol (TBA)	EPA Method 8260B	20	10
	Ethanol	EPA Method 8260B	500	250
	Methanol	EPA Method 8015 (M)	1000	500
WASTE OIL	Total Recoverable Petroleum Hydrocarbons (TRPH) - Waste Oil	EPA Method 418 + EPA Method 8260B	1000	500
OTHER, UNKNOWN	UST Permitted Contents, all VOC's (EPA Method 8260) + To Be Determined			

Continued on Page 3

5. All soil/groundwater samples shall be analyzed by a laboratory approved by the California Environmental Accreditation Laboratory Program (ELAP).

6. Analytical results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) Detection limits for each analytical procedure and determination; d) The method of analysis; e) Signature of chemist certifying results.

7. All soil/groundwater samples obtained shall be handled and transported to laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.

9. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

10. A final report that contains all of the above required information shall be submitted to the office above within one (1) month form the sampling date or 180 days from the date of this permit, whichever is earlier.

11. All electronic data shall be submitted to the State Water Resources Control Board Geotracker database.

Subject: Fwd: 1977 Saturn St
From: Ron Franklin <ron@georgebryantconst.com>
Date: 11/14/2018, 3:10 PM
To: Rob Hansen - Aem <rhansen@altaem.com>

Here is the reply for the lead samples. The tanks were always permitted as diesel fuel

Ron Franklin
George Bryant Construction Inc
(909) 944-3517 office
(909)215-4428 cell

Begin forwarded message:

From: "Kattya Batres" <GBATRES@dpw.lacounty.gov>
To: "Ron Franklin" <ron@georgebryantconst.com>
Subject: 1977 Saturn St

Ron,

Attached you can find the pdf copy of the approved tank removal permit. In the soil sample laboratory analysis specification sheet, you can see that we require the samples to be analyzed for Organic Lead, with a note clarifying to test for it if the tanks' contents used to be leaded or if it is unknown whether they were leaded or not.
If the owner is sure these tanks never contained leaded fuel, the Organic Lead analysis can be disregarded. If there is some doubt, then it has to be included.

Best regards,
Kattya Batres
Los Angeles County Public Works
Office: (626) 458-3526

ATT00001.htm

Attachments:

1977 Saturn UST closure permit.pdf	2.9 MB
ATT00001.htm	178 bytes

CLOSURE APPLICATION SUPPLEMENT **PART 1 OF 3**
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 S. FREMONT AVENUE
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2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1A, 1B	2-4 feet beneath	TPHD	→ 8015M
2A, 2B	tank invert	BTEX, MTBE	
3A, 3B		Fuel Oxygenates	→ 8260B
		* Organic Lead	→ DOHS Method
1 sample	2-4 feet below	same as	same as
	each UDC	above	above
1 sample	2-4 feet below	Same as	Same as
	piping, every 20 feet	above	above
	starting from UDCs		

° Apply EPA Method 5035 for soil sample collection, preparation and preservation

* Test for organic lead if past UST contents were leaded, or if it is unknown whether past UST contents were leaded.

Continued on Page 2

APPENDIX B

SOIL & GROUNDWATER SAMPLING PROCEDURES

APPENDIX B

SOIL & GROUNDWATER SAMPLING PROCEDURES

Soil Samples

- Soil samples collected from the piping trenches were obtained using a hand auger. Soil samples collected from the tank pit were obtained with a backhoe.
- A relatively undisturbed portion of each sample was also retained in general accordance with EPA method no. 5035 protocol, using an EASYDRAW® syringe. An approximate five gram sample was collected with the syringe and ejected each into four pre-tared, 40 ml glass VOA vials (two vials containing pre-measured quantities of $NaHSO_4$, one vial containing MeOH, and one vial with no preservative).
- Additional sample (for non VOC anlayses) was also collected in a laboratory approved, 4-Oz. glass jar at each location.
- All collected samples was labeled with the sample number, date and project number.
- All samples were stored in an ice chest kept at approximately 40 to 50 degrees Fahrenheit prior to transportation to a State of California, Department of Health Services certified laboratory under strict chain-of-custody procedures.
- All re-usable soil sampling equipment was washed prior to each sampling events with a solution of LIQUINOX (a phosphate free detergent), rinsed with potable tap water, and then rinsed again with de-ionized water.

Groundwater Samples

- Groundwater samples were obtained with a disposable polyethylene sampling bailer lowered into the groundwater in the bottom of the UST pit.
- The groundwater samples were each retained in a 1-liter amber glass bottle containing H_2SO_4, and three 40-ml glass VOA vials with no preservative.
- All collected samples was labeled with the sample number, date and project number.
- All samples were stored in an ice chest kept at approximately 40 to 50 degrees Fahrenheit prior to transportation to a State of California, Department of Health Services certified laboratory under strict chain-of-custody procedures.

APPENDIX C

LABORATORY REPORT

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: November 15, 2018

Mr. Robert Hansen
Alta EM, Inc.
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

Project: **GBC - Monterey Park / 18738-01**
Lab I.D.: **181109-36 through -52**

Dear Mr. Hansen:

The **analytical results** for the soil and water samples, received by our laboratory on November 9, 2018, are attached. The samples were received chilled, intact, and accompanying chain of custody record.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manager

Andy Wang
Laboratory Manager

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**

MATRIX: SOIL
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT HANSEN

DATE RECEIVED: 11/09/18
DATE EXTRACTED: 11/12/18
DATE ANALYZED: 11/13/18
DATE REPORTED: 11/15/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B; PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
PS1-4	181109-36	ND	1
Method Blank		ND	1
	PQL	10	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**

MATRIX: SOIL
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT HANSEN

DATE RECEIVED: 11/09/18
DATE EXTRACTED: 11/13/18
DATE ANALYZED: 11/13-14/18
DATE REPORTED: 11/15/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B; PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
PS2-4	181109-37	ND	1
PS3-4	181109-38	ND	1
PS4-4	181109-39	ND	1
PS5-5	181109-40	ND	1
PS6-4	181109-41	ND	1
PS7-4	181109-42	ND	1
PS8-4	181109-43	ND	1
PS9-4	181109-44	ND	1
PS10-3.5	181109-45	ND	1
PS11-4	181109-46	ND	1
PS12-3.5	181109-47	ND	1
PS13-4	181109-48	15.2 *	1
T3-1-10	181109-49	10.5 *	1
T3-2-10	181109-50	ND	1
Method Blank		ND	1
	PQL	**10**	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
* = PEAKS IN DIESEL RANGE BUT CHROMATOGRAM DOES NOT MATCH THAT OF DIESEL STANDARD

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 11/13/2018 **Units:** mg/Kg (ppm)

Matrix: **Soil/Solid/Sludge/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **181113-LCS1/2**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10~C28 Range	0	200	153	**77%**	151	**76%**	**1%**	**75-125**	**0-20%**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10~C28 Range	200	178	**89%**	**75-125**

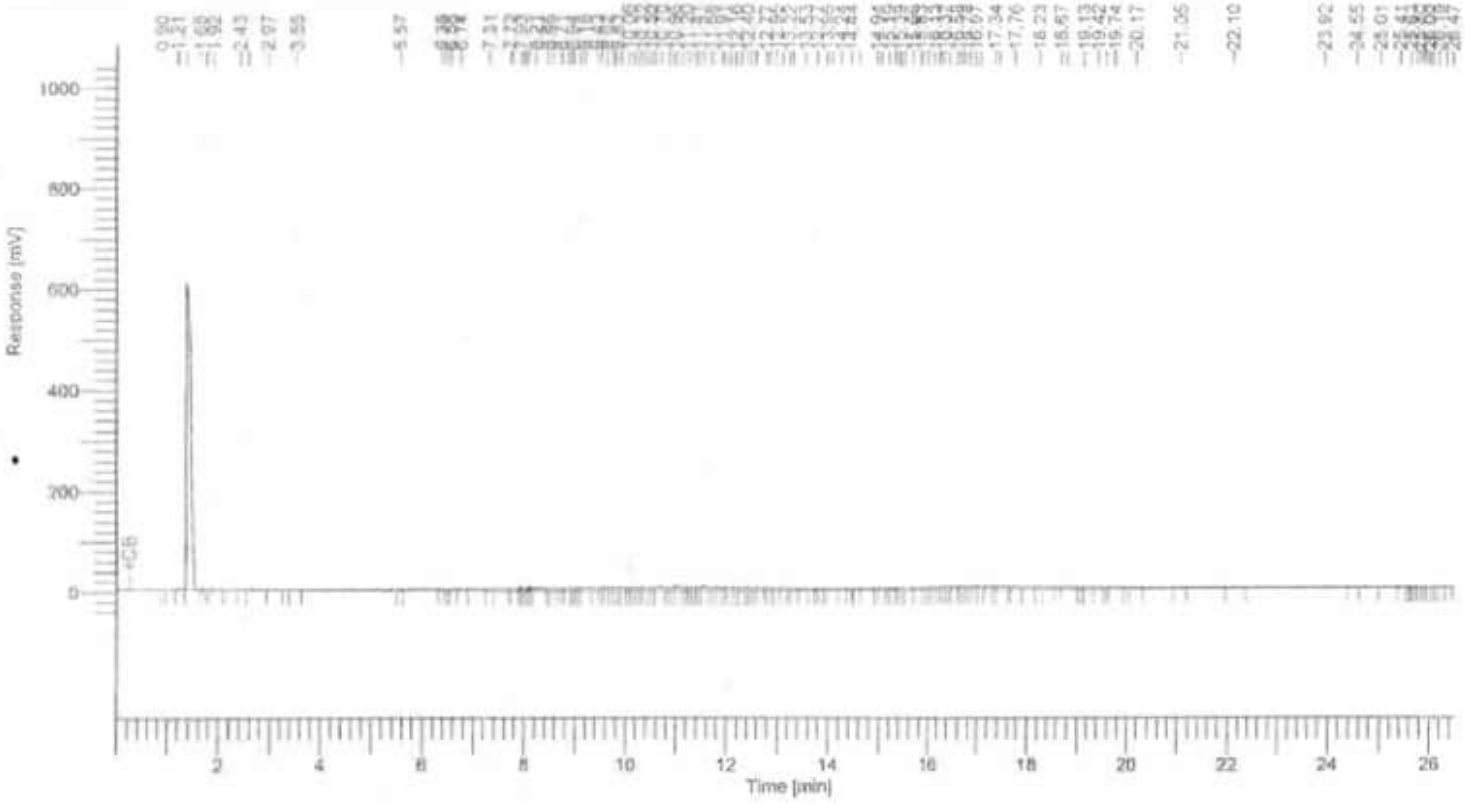
Analyzed and Reviewed By: _____

Final Reviewer: _____

Software Version : 5.3.2.0646
Sample Name : 181109-48 20/2-D
Instrument Name : GC H
Rack/Vial : 0/26
Sample Amount : 1.000000
Cycle : 1

Date : 11/14/2018 1:33:32 PM
Data Acquisition Time : 11/14/2018 5:22:21 AM
Channel : A
Operator : Administrator
Dilution Factor : 1.000000

Result File :
Sequence File : E:\GC DATA\GC-HN\2018\H1803\H81113\H181113.seq



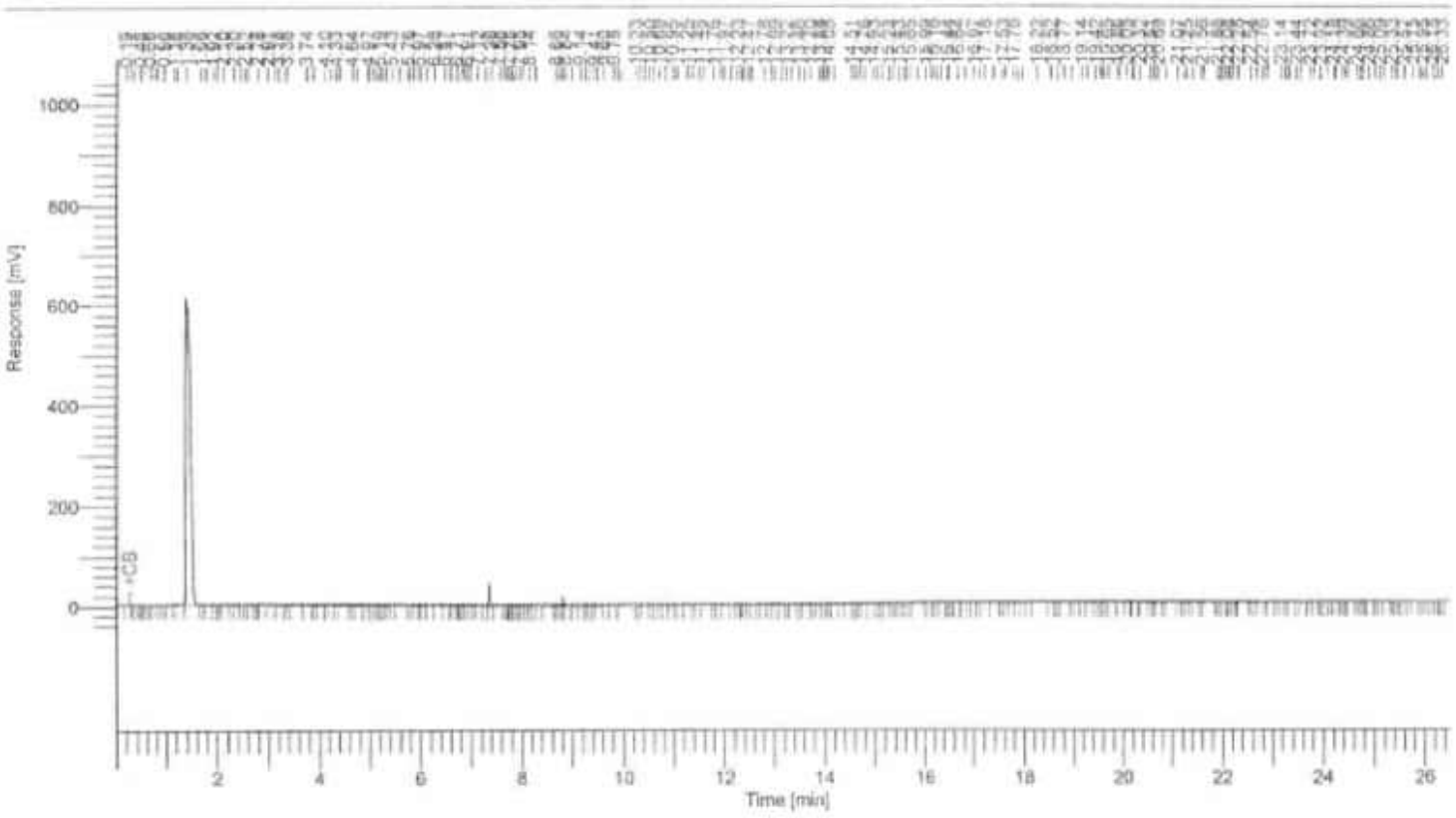
8015 Results

Component Name	Area [uV*sec]	Adjusted Amount
C4-C10	152343	28.2
C10-C23	2297450	151.9
C23-C35	1464079	103.9
	3913872	282.0

Software Version : 6.3.2.0648
Sample Name : 181109-49 20/2 D
Instrument Name : GC-H
Rack/Vial : 0/27
Sample Amount : 1.000000
Cycle : 1

Date : 11/14/2018 1:33:44 PM
Data Acquisition Time : 11/14/2018 5:59:05 AM
Channel : A
Operator : Administrator
Dilution Factor : 1.000000

Result File :
Sequence File : E:\GC DATA\GC-HH\2018\H1803\HB1113\H181113.seq



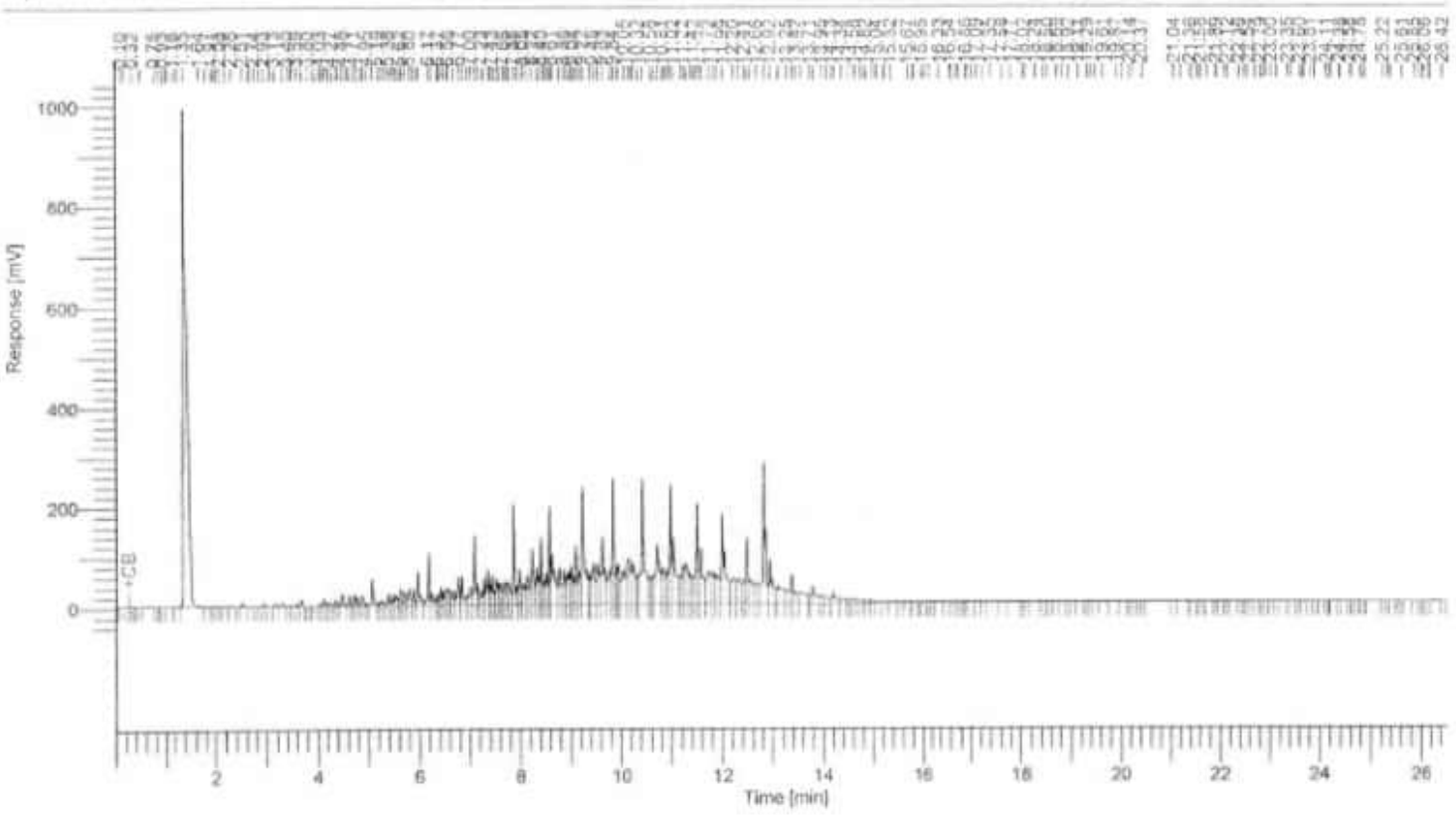
8015 Results

Component Name	Area [uV*sec]	Adjusted Amount
C4-C10	548773	94.4
C10-C23	1580119	104.5
C23-C35	1546784	109.7
	3675675	308.6

Software Version : 6.3.2.0646
Sample Name : DIESEL CCV 2000PPM (GC-3634)
Instrument Name : GC-H
Rack/Vial : 0/3
Sample Amount : 1.000000
Cycle : 1

Date : 11/14/2018 1:40:39 PM
Data Acquisition Time : 11/13/2018 3:59:12 PM
Channel : A
Operator : Administrator
Dilution Factor : 1.000000

Result File :
Sequence File : E:\GC DATA\GC-H\H2018\H1803\HB1113\H1B1113.seq



8015 Results

Component Name	Area (uV*sec)	Adjusted Amount
C4-C10	1619882	278.8
C10-C23	23699721	1566.8
C23-C35	1413294	100.3
	26732898	1945.8

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 11/13-14/2018 **Units:** mg/Kg (ppm)

Matrix: **Soil/Solid/Sludge/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **181109-37 MS/MSD**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10~C28 Range	0	200	175	**88%**	159	**80%**	**10%**	**75-125**	**0-20%**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10~C28 Range	200	195	**98%**	**75-125**

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**

MATRIX:WATER
SAMPLING DATE:11/08/18
REPORT TO:MR. ROBERT HANSEN

DATE RECEIVED:11/09/18
DATE EXTRACTED:11/09/18
DATE ANALYZED:11/11-12/18
DATE REPORTED:11/15/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
TP GW1	181109-51	ND	1
TP GW2	181109-52	ND	1
Method Blank		ND	1
	PQL	**500**	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:_____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 11/11-12/2018 **Units:** ug/L (PPB)

Matrix: **Water/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 181111-LCS3/4

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10-C28 RANGE	0	12000	14100	**118%**	13900	**116%**	**1%**	**75-125**	**0-20%**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10-C28 RANGE	12000	10900	**91%**	**75-125**

Analyzed and Reviewed by: _____

Final Reviewer: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**
MATRIX: SOIL — DATE RECEIVED: 11/09/18
SAMPLING DATE: 11/08/18 — DATE ANALYZED: 11/10/18
REPORT TO: MR. ROBERT HANSEN — DATE REPORTED: 11/15/18

EPA 5035/8260B FOR BTEX
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	DF
PS1-4	181109-36	ND	ND	ND	ND	1
PS2-4	181109-37	ND	ND	ND	ND	1
PS3-4	181109-38	ND	ND	ND	ND	1
PS4-4	181109-39	ND	ND	ND	ND	1
PS5-5	181109-40	ND	ND	ND	ND	1
PS6-4	181109-41	ND	ND	ND	ND	1
PS7-4	181109-42	ND	ND	ND	ND	1
PS8-4	181109-43	ND	ND	ND	ND	1
PS9-4	181109-44	ND	ND	ND	ND	1
PS10-3.5	181109-45	ND	ND	ND	ND	1
PS11-4	181109-46	ND	ND	ND	ND	1
PS12-3.5	181109-47	ND	ND	ND	ND	1
PS13-4	181109-48	ND	ND	ND	ND	1
T3-1-10	181109-49	ND	ND	ND	ND	1
T3-2-10	181109-50	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	1
PQL		0.005	0.005	0.005	0.010	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**
MATRIX: SOIL — DATE RECEIVED: 11/09/18
SAMPLING DATE: 11/08/18 — DATE ANALYZED: 11/10/18
REPORT TO: MR. ROBERT HANSEN — DATE REPORTED: 11/15/18

EPA 5035/8260B FOR FUEL OXYGENATES
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
PS1-4	181109-36	ND	ND	ND	ND	ND	1
PS2-4	181109-37	ND	ND	ND	ND	ND	1
PS3-4	181109-38	ND	ND	ND	ND	ND	1
PS4-4	181109-39	ND	ND	ND	ND	ND	1
PS5-5	181109-40	ND	ND	ND	ND	ND	1
PS6-4	181109-41	ND	ND	ND	ND	ND	1
PS7-4	181109-42	ND	ND	ND	ND	ND	1
PS8-4	181109-43	ND	ND	ND	ND	ND	1
PS9-4	181109-44	ND	ND	ND	ND	ND	1
PS10-3.5	181109-45	ND	ND	ND	ND	ND	1
PS11-4	181109-46	ND	ND	ND	ND	ND	1
PS12-3.5	181109-47	ND	ND	ND	ND	ND	1
PS13-4	181109-48	ND	ND	ND	ND	ND	1
T3-1-10	181109-49	ND	ND	ND	ND	ND	1
T3-1-10	181109-50	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
	PQL	0.01	0.01	0.005	0.01	0.05	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL tert-BUTYL ETHER DIPE = ISOPROPYL ETHER
MTBE = METHYL tert-BUTYL ETHER TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 11/10/2018 **Matrix:** Solid/Soil/Liquid
Machine: C **Unit:** mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)
Spiked Sample Lab I.D.: 181109-50 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.045	90%	0.045	90%	0%	75-125	0-20
Chlorobenzene	0	0.050	0.049	98%	0.050	100%	2%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.041	82%	0.043	86%	4%	75-125	0-20
Toluene	0	0.050	0.047	94%	0.047	94%	0%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.044	88%	0.045	90%	2%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.044	88%	75-125
Chlorobenzene	0.050	0.058	116%	75-125
Chloroform	0.050	0.039	78%	75-125
1,1-Dichlorothene	0.050	0.043	86%	75-125
Ethylbenzene	0.050	0.053	106%	75-125
o-Xylene	0.050	0.054	108%	75-125
m,p-Xylene	0.100	0.105	105%	75-125
Toluene	0.050	0.047	94%	75-125
1,1,1-Trichloroethane	0.050	0.040	80%	75-125
Trichloroethene (TCE)	0.050	0.051	102%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	181109-36	181109-37	181109-38	181109-39	181109-40	181109-41
Dibromofluoromethane	50.0	70-130	84%	90%	91%	93%	93%	99%	98%
Toluene-d8	50.0	70-130	94%	96%	95%	96%	96%	97%	98%
4-Bromofluorobenzene	50.0	70-130	104%	106%	100%	103%	99%	101%	98%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			181109-42	181109-43	181109-44	181109-45	181109-46	181109-47	181109-48
Dibromofluoromethane	50.0	70-130	100%	100%	101%	104%	101%	104%	103%
Toluene-d8	50.0	70-130	98%	98%	99%	97%	100%	98%	99%
4-Bromofluorobenzene	50.0	70-130	102%	100%	100%	98%	99%	102%	97%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			181109-49	181109-50					
Dibromofluoromethane	50.0	70-130	100%	102%					
Toluene-d8	50.0	70-130	99%	100%					
4-Bromofluorobenzene	50.0	70-130	98%	100%					

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*
S.R. = Sample Results *%RC = Percent Recovery*
spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*
MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By: _____

Final Reviewer: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**
MATRIX: WATER
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT HANSEN
DATE RECEIVED: 11/09/18
DATE ANALYZED: 11/13/18
DATE REPORTED: 11/15/18

EPA 5030B/8260B FOR BTEX
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	DF
TP GW1	181109-51	ND	ND	ND	ND	1
TP GW2	181109-52	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	1
	PQL	1.00	1.00	1.00	3.00	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**
MATRIX:WATER DATE RECEIVED:11/09/18
SAMPLING DATE:11/08/18 DATE ANALYZED:11/13/18
REPORT TO:MR. ROBERT HANSEN DATE REPORTED:11/15/18

EPA 5030B/8260B FOR FUEL OXYGENATES
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
TP GW1	181109-51	ND	ND	ND	ND	ND	1
TP GW2	181109-52	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
	PQL	5.00	5.00	3.00	5.00	50.0	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL tert-BUTYL ETHER DIPE = ISOPROPYL ETHER
MTBE = METHYL tert-BUTYL ETHER TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 11/13/2018 Matrix: Water/Liquid
Machine: B Unit: ug/L (PPB)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 181109-35 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	25.0	22.9	92%	23.8	95%	4%	75-125	0-20
Chlorobenzene	0	25.0	22.4	90%	23.7	95%	5%	75-125	0-20
1,1-Dichloroethene	0	25.0	22.2	89%	18.8	75%	14%	75-125	0-20
Toluene	0	25.0	22.4	90%	23.6	94%	5%	75-125	0-20
Trichloroethene (TCE)	0	25.0	22.7	91%	24.5	98%	7%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	25.0	21.6	86%	75-125
Chlorobenzene	25.0	21.5	86%	75-125
Chloroform	25.0	22.0	88%	75-125
1,1-Dichloroethene	25.0	21.4	86%	75-125
Ethylbenzene	25.0	20.9	84%	75-125
o-Xylene	25.0	21.8	87%	75-125
m,p-Xylene	50.0	44.2	88%	75-125
Toluene	25.0	21.6	86%	75-125
1,1,1-Trichloroethane	25.0	20.9	84%	75-125
Trichloroethene (TCE)	25.0	20.7	83%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			**M-BLK**	**181109-35**	**181109-25**	**181108-20**	**181108-21**	**181108-22**	**181108-23**
Dibromofluoromethane	25.0	70-130	96%	84%	84%	87%	87%	92%	86%
Toluene-d8	25.0	70-130	102%	100%	99%	100%	101%	101%	101%
4-Bromofluorobenzene	25.0	70-130	93%	89%	89%	94%	91%	90%	91%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			**181108-24**	**181108-25**	**181108-26**	**181109-62**	**181109-51**	**181109-52**	
Dibromofluoromethane	25.0	70-130	84%	79%	82%	82%	83%	86%	
Toluene-d8	25.0	70-130	110%	100%	100%	100%	99%	100%	
4-Bromofluorobenzene	25.0	70-130	87%	89%	90%	89%	90%	90%	

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.									
Dibromofluoromethane	25.0	70-130							
Toluene-d8	25.0	70-130							
4-Bromofluorobenzene	25.0	70-130							

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*
S.R. = Sample Results *%RC = Percent Recovery*
spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*
MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By: _____

Final Reviewer: _____

Gmail

Jessica Lin <envirocheminc@gmail.com>

GBC -Monterey Park

Rob Hansen - AEM <rhansen@altaem.com> Wed, Nov 14, 2018 at 4:22 PM
To: Jessica LIN <envirocheminc@gmail.com>
Cc: curt@enviro-chemlab.com

Jessica. Curt and I discussed putting the orgamic lead analyses on hold for these soil samples picked up last Friday. The Regulator has approved NOT doing this particular analysis, so please do not.

Enviro-Chem, Inc. Laboratories
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	TPH diesel (soil)	GTBX, Fuel oxygenates (8260)	Organic Lead (one only)								Misc./PO#
								Analysis Required										COMMENTS
PS1-4	18109-36	11/8/18	10:55	Soil	1-5035 kit, 1-40ml, 1-250ml, 1-500ml		Blue ice	X	X	X								
PS2-4	-37		11:09					X	X	X								
PS3-4	-38		11:15					X	X	X								
PS4-4	-39		11:23					X	X	X								
PS5-5	-40		11:32					X	X	X								
PS6-4	-41		11:43					X	X	X								
PS7-4	-42		12:08					X	X	X								
PS8-4	-43		11:55					X	X	X								
PS9-4	-44		13:56					X	X	X								
PS10-3.5	-45		12:45					X	X	X								
PS11-4	-46		12:15					X	X	X								
PS12-3.5	-47		12:33					X	X	X								
PS13-4	-48		13:40					X	X	X								
T3-1-10	-49		14:05					X	X	X								
T3-2-10	-50		14:15					X	X	X								

Company Name: ALTA ENV INC
Address: 8280 UTICA AVE, #200
City/State/Zip: RANCHO CUCAMONGA, CA 91730

Project Contact: ROBERT HANSEN
Tel: (909) 476-2120
Fax/Email: (909) 476-6819

Sampler's Signature:
Project Name/ID: GBC-MONTEREY PARK / 18738-01

Relinquished by:	Received by:	Date & Time: 11/9/18 0935	Instructions for Sample Storage After Analysis:
Relinquished by: ATLT	Received by:	Date & Time: 11/9/18 1520	O Dispose of O Return to Client O Store (30 Days)
Relinquished by:	Received by:	Date & Time:	O Other:

CHAIN OF CUSTODY RECORD

Date: 11/8/18

WHITE WITH SAMPLE • YELLOW TO CLIENT

Enviro-Chem, Inc. Laboratories
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	TPH as diesel (8015M)	BTEX, TBA, MTBE, DIPE, ETBE, TAME, 1,2-DCA, EDB (8260B)	OXYGENATES (8260B)	ORGANIC LEAD (Circle method)	Misc./PO#
TPGW1	18110-51	11/8/18	13:10	WATER	3-VOA, 3-40ml, 2-AMBER, 1-LITER		BNaO, HCl	X	X			
TPGW2	18110-52	11/8/18	13:20	↓	11		11	X	X			

Analysis Required

COMMENTS

Company Name: ALTA ENVIRONMENTAL INC.	**Project Contact:** ROBERT HANSEN	**Sampler's Signature:**	
Address: 8280 UTICA AVE, #200	**Tel:** (909) 476-2120	**Project Name/ID:** ESC-MONTEREY PARK 18738-01	
City/State/Zip: RANCHO CUCAMONGA CA 91730	**Fax/Email:** (909) 476-6819		

Relinquished by:	Received by:	Date & Time: 11/9/18 0935	Instructions for Sample Storage After Analysis:
Relinquished by:	Received by:	Date & Time: 11/9/18 1130	O Dispose of O Return to Client O Store (30 Days)
Relinquished by:	Received by:	Date & Time:	O Other:

CHAIN OF CUSTODY RECORD

Date: 11/8/18

WHITE WITH SAMPLE • YELLOW TO CLIENT

APPENDIX D

OTHER REMOVAL DOCUMENTATION
(RINSATE MANIFEST, TANK DESTRUCTION / RECYCLING CERTIFICATE)

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAC002986628	1	909 944-3517	019436560 JJK

GENERATOR

5. Generator's Name and Mailing Address

EQUITY OFFICE
1977 SATURN STREET
MONTEREY PARK, CA 91755

Generator's Phone: 323 430-7081 Attn: ROBERT DEL HIERRO

Generator's Site Address (if different than mailing address)

EQUITY OFFICE
1977 SATURN STREET
MONTEREY PARK, CA 91755

6. Transporter 1 Company Name: ADAMS SERVICES, INC. — U.S. EPA ID Number: CAR000189431

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address

DEMENNO/KERDOON
2000 N. ALAMEDA STREET
COMPTON, CA 90222

Facility's Phone: 310 537-7100

U.S. EPA ID Number: CAT080013352

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA HAZARDOUS WASTE LIQUID (WATER WITH TRACE HYDROCARBONS)	1	TT		G	241
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

AVOID EYE CONTACT & WEAR RUBBER GLOVES
ERG 128
CONTRACTOR: GEORGE BRYANT

1) WATER WITH HYDROCARBONS

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: ROBERT JORDAN | Signature | Month: 11 | Day: 08 | Year: 18

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

AZUSA LAND RECLAMATION

1211 W. Gladstone St, Azusa, CA 91702
Phone: 626-2249127 FAX: 626-8120801

Certificate of Material Destruction

THIS RECORD IS TO CERTIFY THAT MATERIAL RECEIVED ON NOVEMBER 08, 2018 AT 13:03 PM.
HAS BEEN DISPOSED OF ACCORDING TO LANDFILL BEST MANAGEMENT PRACTICES
AND ALL CIWMB AND LARWQCB REGULATIONS.

Generator:	Transporter	Disposal Site:
Equity Office	Adams Services, Inc.	Azusa Land Reclamation
1977 Saturn Street	1 – 10,000 gallon tank	1211 W. Gladstone St.
Monterey Park CA 91755		Azusa, CA 91702

Azusa Land Reclamation

AZUSA LAND RECLAMATION

1211 W. Gladstone St, Azusa, CA 91702
Phone: 626-2249127 FAX: 626-8120801

Certificate of Material Destruction

THIS RECORD IS TO CERTIFY THAT MATERIAL RECEIVED ON NOVEMBER 08, 2018 AT 13:49 PM.
HAS BEEN DISPOSED OF ACCORDING TO LANDFILL BEST MANAGEMENT PRACTICES
AND ALL CIWMB AND LARWQCB REGULATIONS.

Generator:	Transporter	Disposal Site:
Equity Office	Adams Services, Inc.	Azusa Land Reclamation
1977 Saturn Street	1 – 10,000 gallon tank	1211 W. Gladstone St.
Monterey Park CA 91755		Azusa, CA 91702

Azusa Land Reclamation

AMERICAN METAL RECYCLING

11150 REDWOOD AVE. • FONTANA, CA 92337
(909) 988-8000

Nº 65500

TANK DISPOSAL FORM

Date: 11/8/18
Job#
P.O.#

CONTRACTOR: Adams Services
ADDRESS: 406. E. Alondra Blvd. Gardena, Ca 90248
JOB SITE: Equity Office
ADDRESS: 1977 Saturn St. Monterey Park, Ca 91755
DESTINATION: A.M.R. 11150 REDWOOD AVE., FONTANA, CA 92337

DATE	TIME	PROJECTED TANKS	ORDERED BY:	UC. NO.

SPECIAL INSTRUCTIONS: _____

TIME IN:
TIME OUT:

(1) 2000

✔	Services Rendered	Cost
___	Disposal Fee	
___	Extensive Loading Time	
___	Disposal Fee with Permit	
___	Fiberglass Tank Disposal Fee Per Tank	
___	Fiberglass Delivered	
___	Bobtail Disposal	
___	Cancellation Fee	

TOTAL CHARGES $

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice. Contractor's signature represents acceptance of terms for payment, and confirms that tank removal complies with State laws.

_____
CONTRACTOR'S SIGNATURE

TANKS RECEIVED

QTY	GALLONS	TYPE F*	TYPE S*	NET TONS	TOTAL
	250	☐	☐	.14	
	500	☐	☐	.21	
	550	☐	☐	.24	
	1000 - 12 ft.	☐	☐	.44	
	1000 - 6 ft.	☐	☐	.61	
	1500	☐	☐	.87	
	2000	☐	☑	.97	
	2500	☐	☐	1.14	
	3000	☐	☐	1.32	
	4000	☐	☐	1.64	
	5000	☐	☐	2.42	
	6000	☐	☐	2.84	
	7500	☐	☐	3.26	
	8000	☐	☐	3.44	
	9000	☐	☐	3.82	
	10000	☐	☐	4.33	
	12000	☐	☐	4.93	

NO. OF TANKS 1 TOTAL NET TONS

*F - FIBERGLASS *S - STEEL 105

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PUROSES ONLY.

Moises Dos
AUTHORIZED REP.

11/8/18
DATE

Los Angeles Regional Water Quality Control Board

June 28, 2022

BRE CA SATURN LLC
Attention: Mr. Dean Christian
1977 Saturn Street
Monterey Park, CA 91755-7418

UNDERGROUND STORAGE TANK PROGRAM – NON-CASE DETERMINATION

BRE CA SATURN LLC
1977 SATURN STREET, MONTEREY PARK
CASE NO. R-65226, GLOBAL ID NO. T10000018576

Dear Mr. Christian:

On April 27, 2020, the County of Los Angeles Department of Public Works transmitted this case to our agency due to concerns regarding soil impacts at the subject site (Site). The California Regional Water Quality Control Board, Los Angeles Region (Los Angeles Water Board) is the public agency with primary responsibility for the protection of ground and surface water quality for all beneficial uses within Los Angeles and Ventura counties. As such, the Los Angeles Water Board is the lead regulatory agency for overseeing corrective actions (assessment and/or monitoring activities) and cleanup of releases from leaking underground storage tank (UST) systems at the subject site (Site).

We have received the following document for the Site:

- "UST Soil Sampling/Closure Report" dated December 17, 2018, prepared by ALTA EM, Inc.

Based on our review of the submitted document, we have the following comments:

- Three diesel USTs (two 10,000-gallon USTs and one 2,500-gallon UST) were removed from the Site. The tank removal document is not available to Los Angeles Water Board staff at this time. The two 10,000-gallon diesel USTs were removed from the same excavation (Tank #1 pit). The 2,500-gallon diesel UST excavation (Tank #3 pit) was located at approximately 140 feet east from the other excavation.
- Groundwater was encountered in Tank #1 pit. The groundwater was initially encountered at approximately 5 feet below ground surface; it stabilized at approximately 11.5 feet bgs. Two grab groundwater samples (TPGW1 and TPGW2) were collected within the UST excavation instead of soil samples.

- Two soil samples (T3-1-10 and T3-2-10) were collected beneath the 2,500-gallon diesel UST (Tank #3 pit) at approximately 10 feet bgs. Groundwater was not encountered at the 2,500-gallon UST excavation.
- Thirteen soil samples (PS1-4, PS2-4, PS3-4, PS4-4, PS5-5, PS6-4, PS7-4, PS8-4, PS9-4, PS10-3.5, PS11-4, PS12-3.5 and PS13-4) were collected along the piping trench between 3.5 and 5 feet bgs.
- All samples were collected on November 8, 2018.
- The soil and groundwater samples were analyzed using EPA Method 8015B for total petroleum hydrocarbons as diesel and EPA Method 5035/8260B for benzene, toluene, ethylbenzene, xylenes (BTEX) and fuel oxygenates including methyl tertiary butyl ether (MTBE).
- The laboratory analysis results indicated non-detect concentration for BTEX and fuel oxygenates. All soil and groundwater samples were non-detect for TPHd, except for soil samples PS13-4 and T3-1-10 which contained TPHd at 15.2 milligrams per kilogram (mg/kg) and 10.5 mg/kg, respectively.

Based on the information available to us, Los Angeles Water Board staff has determined that residual concentrations of fuel constituents pose low threat to human health and the environment. Therefore, no further action is required at this time. The Los Angeles Water Board Underground Storage Tank is not opening a case for the Site. Please note this determination is only pertinent to the UST areas.

Site data indicate that there may be residual concentrations of pollutants in soil at this site that could pose an unacceptable risk as a result of future construction/redevelopment activities, and/or change to a more sensitive land use from commercial use. Responsible parties, landowners, and contractors performing subsurface activities at the site should be prepared to manage properly to avoid threats to human health or the environment.

If you have any questions, please contact Ms. Ann Lin at (213) 576-6702 or at ann.lin@waterboards.ca.gov.

Sincerely,

Yue Rong, Ph. D.
Program Manager
Underground Storage Tank Program

Cc by email:
Tim Smith, Los Angeles Department of Public Works
John Awujo, Los Angeles Department of Public Works
Robert B. Hansen, ALTA EM, Inc.
Angie Tran, Northgate Environmental Management, Inc

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
"To Enrich Lives Through Effective And Caring Service"
www.CleanLA.com

ENVIRONMENTAL PROGRAMS DIVISION
NOTICE OF VIOLATION ORDER TO COMPLY

Date _____ Permit _____

Owner/Operator _____ Site/Fac _____

Site Name _____ Violation # _____

Site Address _____ City, Zip _____

Mailing Address _____ City, Zip _____

A recent inspection of your facility revealed the following conditions and/or practices relating to hazardous materials underground storage tanks (USTs) which are violations of California Health and Safety Code (CH&SC) Chapter 6.7; Los Angeles County Code (LACC), Title 11, Division 4 and/or the conditions and limitations of the above permit.

YOU ARE HEREBY DIRECTED to submit to the office indicated below, the following items checked:

☐ **OPERATING WITHOUT A CERTIFIED / OPERATING MONITORING SYSTEM – CH&SC 25293**

YOU ARE HEREBY DIRECTED to have the monitoring system and the USTs certified immediately and the results received by this office no later than 7 Days from the date of this Notice or the contents of all underground storage tank systems are to be removed within this time period.

☐ **MISSING TEST RESULTS** – Test must be conducted and results received by this office.

- ☐ Secondary Containment Testing
- ☐ Tank Integrity Testing
- ☐ Corrosion Protection Certification
- ☐ API 2161 Testing
- ☐ Line Testing
- ☐ Line Leak Detection Testing
- ☐ Financial Responsibility Certification
- ☐ Owner Statement of Designated Operator
- ☐ Facility Employee Training
- ☐ Missing Designated Operator Monthly Form
- ☐ Monitoring/Response Plan
- ☐ _____
- ☐ _____
- ☐ _____

☐ **UNREGISTERED TANKS – CH&SC 25286**

☐ **OPERATING WITHOUT A PERMIT DUE TO A CHANGE OF OWNERSHIP – CH&SC 25284 (c)**

- ☐ Complete and sign the Transfer of Ownership Application (yellow form).
- ☐ An application fee of $_____ payable to the County of Los Angeles Department of Public Works.
- ☐ Verify that all Unified Program (UP) form data is accurate and uploaded to the California Environmental Reporting System (CERS) https://cersbusiness.calepa.ca.gov/Account/SignIn?ReturnUrl=%2f, including all UP UST Facility Information data, UP UST Tank Information data, for each UST and UST Monitoring Plan data (You must include the Board of Equalization Number.)
- ☐ Complete and sign the Certificate of Financial Responsibility Form.
- ☐ completed and signed Response Plan
- ☐ completed and signed Owner Statement of Designated Operator
- ☐ Provide Monitoring System Certification which is current (performed within the last 12 months).

☐ **OUT OF SERVICE UNDERGROUND STORAGE TANKS – CH&SC 25298**

Immediately remove all residual liquids, solids, or sludge stored within the USTs to a legal disposal facility. Provide copy of proof of legal disposal.

- ☐ Complete, and sign the Application for Closure.
- ☐ An Application for Closure fee of $_____ payable to the County of Los Angeles Department of Public Works.
- ☐ Complete and sign Permit Application Supplemental Notice to File.
- ☐ Verify that all Unified Program (UP) form data is accurate and uploaded to the California Environmental Reporting System (CERS) https://cersbusiness.calepa.ca.gov/Account/SignIn?ReturnUrl=%2f, including all UP UST Facility Information data, UP UST Tank Information data, for each UST, and UST Monitoring Plan data (You must include the Board of Equalization Number)
- ☐ Complete and sign the Certificate of Financial Responsibility Form.
- ☐ An Operating Permit Application fee of $_____ payable to the County of Los Angeles, Department of Public Works.
- ☐ Submit an Annual Permit Maintenance fee of $_____ payable to the County of Los Angeles Department of Public Works.

YOU ARE FURTHER DIRECTED to submit to the office below evidence of compliance with the above directives by no later than fifteen (15) days from the date on this Notice, unless otherwise directed above. Failure to comply with the Underground Storage Tank laws and regulations may subject you to a civil penalty of not less than $500 or more than $5,000, or by one year in county jail or both. Additionally pursuant to LACC Title 1, § 1.25.040, each violation of any provision of this Code and each separate offense is subject to an administrative fine up to $1,000 for each separate day during which any violation occurs or continues. Furthermore, a noncompliance fee may be imposed to recover the cost incurred by this Department in the enforcement of LACC.

If you have any questions regarding this matter, please contact _____, [ ] Monday through Friday, 9 a.m. to 5:30 p.m. or [ ] Monday through Thursday, 7 a.m. to 5:30 p.m. at ( ) _____.

Inspected By: _____
Signature

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
EAST LOS ANGELES DISTRICT OFFICE
4801 E. 3RD STREET
LOS ANGELES, CA 90022-1001

Receipt of a copy of this report acknowledged by _____

Print Name	Title:
Signature:	Date:

```
TRANS: INSP                    EMS INSPECTION DISPLAY/UPDATE                OPER: WSOT41
 PROG: PWO160                                                               10/10/14 14:34:41

   ACTION: B (A)DD  (C)HANGE  (D)ELETE  (B)ROWSE  #(S)EC # BROWSE:
   FILE #: 036994 007311 NAME: BANK OF THE WEST                    SIC: M  STAT: PERM
 STAMP #: 1977  FR:       TR:      NAME: SATURN                    S.T: SJ   DM:
     CITY: MONTEREY PARK              ZIP: 91755 7418  AREA: BK  TEL: 323 727 3696
  INSP #: I 000788451    INSP TYPE: T SCHE    INSP DT: 050014   INSP DISP: FOL1
  ASSC #: P 000056947  ASSC # TYPE: T C     ASSC # DT: 060995 ASSC # DISP: PERM

INSP PROC: USE_ANNUAL      BANK PROG          SELF MONT: _

 INSP INFO: SINGLE-WALL_UST_(S)_&_DOUBLE_WALLED_UST_(S)_____  .  __
            EMERGENCY_GENERATOR_TANKS          .__________  .__________

  RESULTS: NOVC_ISSUED_FOR_FAILED_SS999_DATED_10/12/12.REVOKE_PERMIT_STILL_PEND
           ING.NO_CERS_UPLOAD.BANK_IS_NOW_NOT_IN_COUNTY_TO_MONITOR_IN._____
           # OF VIOLS FOUND:   0                  COMPLY DT:

ASSIGN DT: 093014              DUE DT: 103014          ASSIGN TO: 47913  WW____
 START DT:  . .              COMP DT: 101014            COMP BY: 47913  WW
 EMS LINK: HTTP://PWTX304/CSHMSEPDUSCRESULTS.ASP?DOCNO=000788451&DOCTYPE=INSP
                                          LAST USAS/DATE/OPER: INSP 1010.4 E507141
 MORE ENTRIES ON NEXT PAGE
```

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
"To Enrich Lives Through Effective And Caring Service"
ENVIRONMENTAL PROGRAMS DIVISION
UNDERGROUND STORAGE TANK INSPECTION REPORT

www.CleanLA.com

Date 10-10-14
Site Name BANK OF THE WEST
Street Address 1977 SATURN ST
Facility Contact JOE REYES
Phone No. 323-722-3636

Permit Number 5594T
Site-File Number CU6994-UU7311
City/Zip Code MONTEREY PARK CA. 91755
Inspection Number 788451
Inspected By WARREN LOTANAGE

Refer to Title 23 of the California Code of Regulations (CCR), Chapters 6.7 of the Health and Safety Code (CHSC).

CERS ID # 10268183

The following Code sections are either in violation (V) of, or in compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable (N).

	Tank ID	Tank ID	Tank ID	Tank ID	Tank ID
	001	002	003		
Tank Manufacturer	MOD UCO	OLIVER	OLIVER		
Contents	DIESEL	DIESEL	DIESEL		
Install Date	08/01/91	01/01/80	01/01/80		
Size	2K	10K	10K		

	TYPE ID	INSPECTION ITEM	001 V	001 C	001 N	002 V	002 C	002 N	003 V	003 C	003 N	Tank ID V	Tank ID C	Tank ID N	Tank ID V	Tank ID C	Tank ID N
		ADMINISTRATION/DOCUMENTATION															
1	2010001	Current BOE number submitted to the CUPA and/or CERS? UU6184		V			C			C				N			
2	2030021	Facility has a valid permit to operate from the CUPA?		V			C			C				N			
3	2010007	Financial Responsilbity current and on file? (exp. 12/05/14)		V			C			C				N			
4	2010010A	Submitted an accurate CUPA UST Operating Permit Application for Facility Information?		V			C			C				N			
5	2010010B	Submitted an accurate CUPA UST Operating Permit Application for Tank Information?		V			C			C				N			
6	2030011A	Has statement of UST compliance certification been submitted?		V			C			C				N			
7	2030011B	Has designated operator current certification been submitted?		V			C			C				N			
8	2010003	Has the owner/operator designated a UST operator?		V			C			C				N			
9	2030014A	Owner/operator received approval for a training program at an unstaffed facility?		V			C			C				N			
10	2030014B	Owner/operator implemented the approved training program?		V			C			C				N			
11	2030037	Did they submit an owner/operator agreement?		V			C			C				N			
12	2030041	A complete and accurate plot plan has been submitted, approved and maintained?		V			C			C				N			
13	2030046	A complete and accurate response plan has beeen submitted, approved and maintained?		V			C			C				N			
14	2030007	Did they submit and maintain documentation regarding positive statement of compatibility for UST system components?		V			C			C				N			
15	2010008D	Have they maintained written performance claims pertaining to release detection systems and calibration and maintenance records for such systems for 5 years?		V			C			C				N			
16	2030068	Was enhanced leak detection testing conducted for the double-walled UST systems located within 1,000 feet of a public drinking water well?		V			C			C				N			
17	2030066	Was appropriate action taken to repair and retest any component of a double-walled UST system that is leaking liquid or vapor which is discovered from an enhanced leak detection test for UST system located within 1,000 feet of a public drinking water well?		V			C			C				N			
18	2030067	ELD testing conducted every 36 months on USTs located within 1,000 feet of a public drinking well? (singlewalled components)		V			C			C				N			
19	2010008A	Have they maintained records of repairs, lining, and upgrades for life of UST?															
20	2010008B	Have they maintained written monitoring and maintenance records for 3 years?															
21	2010008C	Have they maintained cathodic protection records for 6 1/2 years?															
22	2030033	Is an approved monitoring plan maintained on-site?															
23	2030002A	Has monitoring system been certified annually? 10/10/14															
24	2030002B	Monitoring System Certification submitted within thirty days?															
25	2030055	Have spill buckets been tested annually? 10/10/14															
26	2060016	Was secondary containment testing conducted at installation?															
27	2030047	Secondary containment maintained tight and has been confirmed by testing? 10/12/12															
28	2030048A	Was secondary containment testing conducted within 6 months of install/repair?															
29	2030048B	Has Secondary Containment Testing been conducted every 36 months?															
30	2010009	Has Secondary Containment Test been submitted within thirty days?															
31	2030064	Was Notification given 48 hours prior to testing?															
32	2010011	Has data been electronically submitted into CERS?															
		ENFORCEMENT															
33	2030044	Did the owner/operator deposit or allow the deposit of petroleum into a UST that has a red tag affixed to the fill pipe?															
34	2030045	Has the Red Tag been removed, defaced, altered, or otherwise tampered with so that the information on the tag is not legible?															
35	2030063	Were temporary closure requirements complied with?															
36	2030038	Were permanent closure requirements complied with?															
37	2030061	Was a suspected or actual unauthorized release recorded and/or reported in an appropriate time frame?															
38	2010006	Owner/Operator has not made false statements or representation on any required document?															
39	2030039	Did they comply with all of the operating permit conditions?															

Site-File Number: 006944-007311
Inspection Number: 788451
Date: 10/07/14

	TYPE ID	INSPECTION ITEM	Tank ID 001 Contents DIESEL V	C	N	Tank ID 002 Contents DIESEL V	C	N	Tank ID 003 Contents DIESEL V	C	N	Tank ID Contents V	C	N	Tank ID Contents V	C	N
		MAINTENANCE															
40	2030059	UST system maintained in accordance with exclusion/exemption status?			/			/			/						
		TECHNICANS															
41	2030023A	Has the service technician obtained and maintained a current ICC certification?		/			/			/							
42	2030024A	Has the service technician obtained and maintained a proper license?		/			/			/							
43	2030031A	Has the service technician obtained and maintained a manufacturer certification?		/			/			/							
44	2030023C	Has the installer obtained and maintained a current ICC certification?		/			/			/							
45	2030024B	Has the installer obtained and maintained a proper license?		/			/			/							
46	2030031B	Has the Installer obtained and maintained a manufacturer certification?		/			/			/							
		DESIGNATED OPERATOR															
47	2030023B	Has the designated operator obtained and maintained a current ICC certification?		/			/			/							
48	2010004A	Have they maintained a copy of monthly designated operator reports for 12 months?		/			/			/							
49	2010004B	Have they maintained a list of trained employees?		/			/			/							
50	2030012A	Has training been provided to facility employee(s) responsible for proper operation and maintenance every 12 months?		/			/			/							
51	2030012B	Did they train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire?		/			/			/							
52	2030012C	Is there at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system?		/			/			/							
53	2030010	Has the designated operator notified the owner or operator of any condition discovered during the monthly visual inspection that may require follow-up actions?		/			/			/							
54	2030013A	Was the monthly alarm history report inspected by the designated operator?		/			/			/							
55	2030013B	Was a copy of the alarm history report attached to the monthly designated operator report?		/			/			/							
56	2030013C	Was the spill container/spill bucket inspected for the presence of liquid/debris by the designated operator?		/			/			/							
57	2030013D	Was the UDC inspected by the designated operator for the presence of liquid/debris?		/			/			/							
58	2030013E	Was the UDC Inspected by the designated operator to ensure that monitoring equipment is placed in the proper position?		/			/			/							
59	2030013F	Did the designated operator inspect for liquid/debris in the containment sump where an alarm occurred?		/			/			/							
60	2030013G	Did the designated operator inspect the containment sump for liquid/debris for which there is no record of a service visit?		/			/			/							
61	2030013H	Has all testing and maintenance been completed and documented?		/			/			/							
62	2030001	Were leak detection alarm logs, maintenance and records of appropriate follow-up actions maintained?		/			/			/							
		UST															
63	2030043	Has the leak detection equipment been properly programmed and properly operated?		/			/			/							
64	2030016A	Is the interstitial space of the tank continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected?		/			/			/							
		Monitoring System Manufacturer's Name and Model #	VR3L335														
65	2030034	Was a tag/sticker properly affixed to the monitoring equipment being certified, repaired, or replaced?		/			/			/							
66	2030003	Leak detection system maintains continuous an audible and visual alarm		/			/			/							
		SPILL BUCKET															
67	2060020A	Are spill buckets installed?			/			/			/						
68	2060020B	Does the spill bucket/container have a functional drain valve or other liquid removal method?			/			/			/						
69	2060020C	Is the spill bucket resistant to galvanic corrosion?			/			/			/						
70	2030054A	Are the spill buckets in good condition?			/			/			/						
71	2030054B	Are the spill buckets free of debris/liquid?			/			/			/						
72	2030054C	Were spill bucket contents removed when a release was observed?			/			/			/						
73	2060019	Do spill buckets have a minimum capacity of five gallons?			/			/			/						
		OVERFILL PREVENTION															
74	2030035	Was the UST system operated to prevent spills and/or overfills?			/			/			/						
75	2030036A	Overfill prevention system to meet one of the following requirements: 1. Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm (Ball float or external alarm at 90%); or			/			/			/						
76	2030036B	2. Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills (Ball float and external alarm); or			/			/			/						
77	2030036C	3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity (Flapper at 95%); or			/			/			/						
78	2030036D	4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling (Flapper below tank top fitting)			/			/			/						

Site-File Number 006994-007311
Inspection Number 78845)
Date 10-10-14

	TYPE ID	INSPECTION ITEM	Tank ID 003 Contents DIESEL V	C	N	Tank ID 002 Contents DIESEL V	C	N	Tank ID 001 Contents DIESEL V	C	N	Tank ID Contents V	C	N	Tank ID Contents V	C	N
		SUMP															
79	2030008C	Are the sumps in good condition?		✓			✓			✓							
80	2030008D	Are the sumps free of debris/liquid?		✓			✓			✓							
81	2030008E	Is the secondary containment in good condition?		✓			✓			✓							
82	2030008F	Is the secondary containment free of debris/liquid?		✓			✓			✓							
83	2030060	Is entry fitting maintained such that it properly seals to the containment?		✓			✓			✓							
84	2030040	Is the secondarily contained piping maintained to allow drainback to the sump in the event of a leak?		✓			✓			✓							
85	2030026B	Does the electronic leak detection equipment successfully trigger an audible/visual alarm?		✓			✓			✓							
86	2030016C	Are the sumps continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected?		✓			✓			✓							
87	2030062	Is leak detection equipment set up such that the monitoring system would detect a leak at the earliest opportunity and/or alert the owner/operator of a leak?		✓			✓			✓							
88	2060015	Are the sensors located in the proper position/location?		✓			✓			✓							
		Line Leak Detectors															
89	2060012	Does the pressurized piping system have a line leak detector installed?			✓			✓			✓						
		Line Leak Detector Model #															
90	2030026A	Is the line leak detector certified to detect a 3gph leak and restrict or shutoff the flow of product through the piping when a leak is detected?			✓			✓			✓						
91	2060017	Is an automatic line leak detector installed which is capable of shutting off the pump when a release occurs, fails, or is disconnected? (Single Walled)			✓			✓			✓						
92	2060014	Is the leak detection equipment correct for the type of system?			✓			✓			✓						
		PIPING															
		Product Piping Manufacturing	Asmith														
		Singlewalled Pressurized Piping															
93	2030027	Does the pump shut down when a leak is detected or when line leak detector is disconnected? (Positive shutdown/failsafe)			✓			✓			✓						
94	2060018	Was it demonstrated that existing single wall pressurized pipe containing motor vehicle fuel is constructed of glass fiber reinforced plastic, cathodically protected steel, or steel clad with glass reinforced plastic?			✓			✓			✓						
95	2030052	Was pressurized pipe containing motor vehicle fuel monitored at least hourly at any pressure and was a 0.2 gph monthly line integrity test or 0.1 gph annual line integrity test performed?			✓			✓			✓						
		Singlewalled Conventional Suction Piping															
96	2030049	Was daily monitoring conducted for air in the pipe and were the results logged?			✓			✓			✓						
97	2030050	Was a 0.1 gph piping integrity test conducted every three years?			✓			✓			✓						
		Singlewalled Gravity Piping															
98	2030051	Was a 0.1 gph piping integrity test or overfill integrity test conducted every two years?			✓			✓			✓						
		Singlewalled Safe Suction Piping															
99	2030053A	Does piping drain back into UST if the suction is released?			✓			✓			✓						
100	2030053B	Does piping have a check valve on the piping located directly below the suction pump?			✓			✓			✓						
		Double Walled Safe, Conventional, Gravity Piping															
101	2060006	Does secondary containment piping slope back to the collection sump?		✓			✓			✓							
		Double Walled Pressurized Piping															
102	2030042A	Was an annual line integrity test performed for pressurized pipe that does not utilize fail safe or shut down?			✓			✓			✓						
103	2030042B	Was a passing result achieved on the annual line integrity test for pressurized pipe that does not utilize fail safe or shut down?			✓			✓			✓						
104	2030016B	Is the piping continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected?			✓			✓			✓						
105	2030017	Product piping outside the UDC is fail-safe and shuts down the pump or restricts flow?			✓			✓			✓						
106	2030018	Is the double wall pressurized piping in the turbine sump continuously monitored with a system that activates an audible and visual alarm or restricts or stops flow at dispenser when a leak is detected?			✓			✓			✓						
107	2030025A	Is the pressurized piping able to monitor at least hourly with the ability to detect of release of 3.0 gph or trigger an audible/visual alarm?			✓			✓			✓						
108	2030025B	Does the pressurized piping restrict product flow through the piping when a release occurs?			✓			✓			✓						
109	2030025C	Does the pressurized piping trigger an alarm when a release occurs?			✓			✓			✓						
		Other Piping															
110	2030020	Unburied fuel piping (connected to an emergency tank system) visually inspected at least monthly and log kept?			✓			✓			✓						
111	2030020X	Buried fuel piping connected to an emergency genrator tank systems, the monitoring system checked at least daily by either remote electronic access or visually inspected and log kept onsite?			✓			✓			✓						

DW or SW (circle one)

Site-File Number 006994-007311
Inspection Number 188451
Date 10-10-14

	TYPE ID	INSPECTION ITEM	Tank ID 001 Contents DIESEL V	C	N	Tank ID 002 Contents DIESEL V	C	N	Tank ID 003 Contents DIESEL V	C	N	Tank ID Contents V	C	N	Tank ID Contents V	C	N
		UDC															
112	2030008A	Are the UDCs in good condition?															
113	2030008B	Are the UDCs free of debris/liquid?															
114	2030019	Monitoring system in the UDCs activates an audible and visual alarm or stops the flow at the UDC?	N/A														
		Sensor Model # or Type															
		INSPECTION															
115	2060001	Were as-built plans submitted for the location and orientation of the tanks and appurtenant piping systems for new installations and/or with the permit application?		✓	✓			✓		✓	✓						
116	2060010	Does the UST storing a hazardous substance have secondary containment?		✓				✓			✓						
117	2060007	Was non-integral secondary containment designed and constructed to an engineering specification approved by a registered professional engineer or in accordance with a nationally recognized industry core or engineering standard?			✓			✓			✓						
118	2060009	Was a permit obtained to install, replace, repair, or modify part of the UST system containment or leak detection equipment? PENDING		✓			✓			✓							
119	2060021	Is a striker plate installed & positioned correctly under any opening that could be used for manual dipsticking or do they have a drop-tube mounted bottom protector?			✓			✓			✓						
120	2010005	Were enhanced leak detection testing results submitted to the board and the local agency within 60 days of test completion?			✓			✓			✓						
121	2030069	Is the secondary containment free of liquid and debris for a tank installed after January 1, 1984?		✓			✓	✓		✓	✓						
122	2030070	The primary containment maintained product-tight for a tank installed after January 1, 1984?		✓			✓			✓							
123	2030071	Maintain primary containment as product-tight and compatible with the stored product for a tank installed after July 1, 2004?			✓			✓			✓						
124	2030072	Maintain the primary containment as product-tight and compatible with stored product for a tank installed after July 1, 2003 and before July 1, 2004?			✓			✓			✓						
125	2030073	Corrective items noted by on an inspection report have been returned to compliance?		✓		✓			✓								
126	2060025	Secondary Contaimment free of liquid and debris for tank installed after January 1, 1984?		✓			✓			✓							
127	2060026	Primary containment is product ight for tank installed after January 1, 1984?		✓			✓			✓							
128	2060027	Maintain primary containment as product-tight and compatible with the stored for tank installed after July 1, 2004?			✓			✓			✓						
129	2060028	Primary containment as product-tight and compatible with stored product for tank installed after July 1, 2003 and before July 1, 2004?			✓			✓			✓						
		DOUBLE WALLED PRE 2003 TANKS															
130	2060005	Was system constructed with a monitoring system capable of detecting entry into secondary containment?		✓			✓			✓							
		TANKS 2003 - PRESENT															
131	2030065	Is the interstitial space maintained under constant vacuum, pressure, or hydrostatic conditions, such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance stored in the UST tank is released into the environment? (VPH - 7/2004)															
132	2060008	Was enhanced leak detection testing performed before the tank was placed in use?			N/A			N/A									
133	2060022A	Is the UST system installed on or after July 1, 2003 and before July 1, 2004, designed and constructed with a monitoring system capable of detecting the entry of the hazardous substance stored in the primary containment into the secondary containment? (Including Vent/Vapor Piping)															
134	2060022B	Is the UST system installed on or after July 1, 2003 and before July 1, 2004, capable of detecting water intrusion into the secondary containment? (Including Vent/Vapor Piping)															
135	2060023	Is the UST system installed on or after July 1, 2004, designed and constructed so as to detect the entry of the liquid or vapor-phase of the hazardous substance stored in the primary containment into the secondary containment and capable of detecting water intrusion into the secondary containment? (VPH)															
		ONSITE TANK TOP INSPECTION															
		Annular Space Sensors (if applicable)	VR394			N/A			N/A								
		Fill Sump Sensors	VR208			VR208			VR208								
		Piping Sump Sensors	VR208			VR311			VR311								

Site-File Number 006494-007313
Inspection Number 786451
Date 10-10-14

	TYPE ID	INSPECTION ITEM	Tank ID: UST1 Contents: DIESEL V	C	N	Tank ID: UST2 Contents: DIESEL V	C	N	Tank ID: UST3 Contents: DIESEL V	C	N	Tank ID: Contents: V	C	N	Tank ID: Contents: V	C	N
		LINED TANKS															
136	2060024	UST system is made of or lined with material that are compatible with the substance stored?															
137	2030028A	Was a proper written tank lining certification submitted within 30 days of completion of the inspection?															
138	2030028B	Was a tank integrity test performed?															
139	2030028C	Was a vacuum test performed following lining? N/A															
140	2030028D	Did they employ a proper coatings expert and/or special inspector?															
141	2030029	Lined or repaired steel tank was inspected within 10 years of lining and every 5 years after?															
142	2060003	Were components inspected at the install site using an electrical resistance holiday detector and repaired if necessary?															
		SINGLE WALLED TANK MONITORING															
143	2010002A	Have they maintained records of cathodic protection systems testing conducted within six months of installation and at least every three years thereafter?			/			/			/						
144	2010002B	Have they maintained records for the 60 calendar day inspection of the impressed-current system?			/			/			/						
145	2010002C	Have they maintained records for sacrificial anodes testing every three years?			/			/			/						
146	2010002D	Do they have written monitoring and maintenance records on-site or off-site at a readily available location if approved?			/		/			/							
147	2030004	Automatic tank gauge programmed to test the tank at least once per month at 0.1 gallons per hour?			/			/			/						
148	2030005	The 0.2 gallons per hour continuous in tank lek decteciton performed?			/			/			/						
149	2030006A	Monthly 0.2 gallons per hour automatic tank gauging performed?			/		/			/							
150	2030006B	Did the automatic tank gauge generate and print a hard copy of the monthly 0.2 gph test?			/		/			/							
151	2030009A	Was the impressed-current system inspected every 60 calendar days?			/			/			/						
152	2030009C	Was the impressed-current system inspected within six months of installation and at least every three years thereafter?			/			/			/						
153	2030009D	Were the sacrificial anodes tested once every three years in accordance with the manufacturer's instructions?			/			/			/						
154	2030015	Facility exhibited that the method used to monitor the tank meets the monitoring methods in 2643(f)?			/		/			/							
155	2030056	Was an annual SIR report submitted?			/			/			/						
156	2030030	Weekly manual tank gauging performed in accordance to the required specifications?			/			/			/						
157	2030057A	Did they notify of a possible release within 24 hours?			/			/			/						
158	2030057B	Was a copy of the release report submitted within 10 days?			/			/			/						
159	2030057C	Were records inspected for errors and the UST system physically inspected within 24 hours?			/			/			/						
160	2030057D	Were meters recalibrated within 48 hours of receipt of report?			/			/			/						
161	2030058A	Were measurements taken daily (SIR)?			/			/			/						
162	2030058B	Was monthly inventory calculated(SIR)?			/			/			/						
163	2030058C	Is the system capable of detecting a 0.2 gph release(SIR)?			/			/			/						
164	2030058D	Was a tank integrity test conducted every two years(SIR)?			/			/			/						
165	2030058E	Was piping test conducted within 15 days of receipt of two successive SIR reports which were inconclusive or which indicated a possible release(SIR)?			/			/			/						
166	2030058F	Were dispenser meters calibrated annually(SIR)?			/			/			/						
167	2060002	Automatic tank gauging/continuous in tank leak detection system installed/properly functioning?			/			/			/						
168	2060004A	Is UST corrosion protection installed?			/			/			/						
169	2060004B	Does field-installed cathodic protection meet the consensus standards?			/			/			/						
		ADDITIONAL COMMENTS															
170																	
171																	
172																	
173																	
174																	
175																	
176																	

Receipt of a copy of this report acknowledged by : Joe Rebok
PRINT NAME

SIGNATURE

Violation Type Number	CHSC	CCR
2010001	25286	
2010002		2635, 2712(b)
2010003		2715(a)
2010004		2715
2010005		2644.1(a)(5)
2010006	25299	
2010007	25292.2; 25299.30-25299.34	2711;
2010008		2712(b)
2010009		2637(e)
2010010	25286(a)	2711;
2010011	25404(e)(4)	
2030001		2632, 2634, 2712(b)
2030002		2638
2030003		2632, 2634, 2636, 2666
2030003		2632, 2634, 2636, 2666
2030004		2643(b)(2)
2030005		2643(b)(5)
2030006		2643(b)(1)
2030007		2631(i)
2030008	25290.1, 25290.2, 25291	
2030009		2635
2030010		2715(d)
2030011		2715(a), 2715(b)
2030012		2715(c)(6), 2715(f)
2030013		2715
2030014		2715(f)(2)
2030015		2643
2030016		2631(g), 2632(c)(2)(A)&(B), 2633(c), 2636(f)
2030017		2636(f)(5)
2030018		2636(f)(1)
2030019		2636(f)(1)
2030020	25281.5(b)(3)	
2030021	25284	2712(i)
2030022		2647, 2648
2030023		2715
2030024	28284.1(a)(5)(D)	2715;
2030025		2636(f)(2)
2030026		2636(f)(2), 2666(c)
2030027		2666(c)
2030028		2663
2030029		2663
2030030		2645
2030031		2715
2030032	25281.5(b)(2)	
2030033		2632, 2634, 2711, 2712(i)
2030034		2638(f)
2030035	25292.1(a)	
2030036		2635(b)(2), 2665
2030037	25284(a)(3)	2620(b);
2030038	25298	2670, 2672;
2030039	25299	2712;
2030040		2630(d), 2641(a)
2030041		2632(d)(1)(C), 2711(a)(8)
2030042		2636(f)(4)
2030043		2632, 2634, 2636, 2666
2030043		2632, 2634, 2636, 2666
2030044		2717.1(f)
2030045		2717.1(g)
2030046		2632, 2634(e), 2641(h), 2712(i)
2030047	25290.1(c)(2), 25290.2(c)(2), 25291(a), 25292(e)	2662;
2030048		2637
2030049		2643(d)
2030050		2643(d)
2030051		2643(e)
2030052		2641(a), 2643
2030053		2636(a)(3), 2641(b)
2030054		2635(b), 2715(c)(2)
2030055	25284.2	
2030056		2646.1(i)
2030057		2646.1(d)
2030058		2646.1
2030059	25281.6, 25283.5	
2030060		2630, 2635(d), 2636(c), 2666
2030061	25294, 25295	
2030062	25299(a)(9)	
2030063	25298	2670, 2671;
2030063	25298	2670, 2671;
2030064		2637(f), 2638(e), 2643(g), 2644.1(a)(4)
2030065	25290.1(e)	
2030066	25292.4(d), 25292.5(c)	
2030067		2644.1(a)(3)
2030068	25292.4, 25292.5	
2030069	252911(e)	
2030070	5291(a)(1)	2631(a)
2030071	25290.1(c)(1)	2631(a)
2030072	25290.2(c)(1)	2631(a)
2030073		2712(f)
2060001		2635(c)(8), 2711(a)(8)
2060002	25292(a)	2643
2060003		2635(a)(2)(B)
2060004		2635(a)(2)(A)
2060005	25291(b)	
2060006		2636
2060007		2631(d)
2060008	25290.1(i), 25290.2(i)	
2060009		2712
2060010	25292	
2060011		2631(b)
2060012	25290.1(h), 25290.2(g), 25291(f), 25292(e)	
2060013		2636(e)
2060014	25290.1, 25290.2, 25291	2638
2060015		2630(d), 2641(a)
2060016		2637
2060017		2666(c)
2060018	25292(e)(2)	2666(b)
2060019		2635(b), 2665
2060020		2635(b), 2665
2060021		23 CCR 16 2631(c), 2662(d)
2060022	25290.2(d)	
2060023	25290.1(d)	
2060024		2631.1
2060025	252911(e)	
2060026	25291(a)(1)	2631(a)
2060027	25290.1(c)(1)	2631(a)
2060028	25290.2(c)(1)	2631(a)

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
"To Enrich Lives Through Effective And Caring Service" www.CleanLA.com

ENVIRONMENTAL PROGRAMS DIVISION
NOTICE OF VIOLATION ORDER TO COMPLY

Date 10-10-14 Permit 55945

Owner/Operator JOE REBELO Site/File 006994-687311

Site Name BANK OF THE WEST Violation # 285364

Site Address 1977 SATURN ST City, Zip MONTEREY PARK CA. 91755

Mailing Address _____ City, Zip _____

A recent inspection of your facility revealed the following conditions and/or practices relating to hazardous materials underground storage tanks (USTs) which are violations of California Health and Safety Code (CH&SC) Chapter 6.7; Los Angeles County Code (LACC), Title 11, Division 4 and/or the conditions and limitations of the above permit.

YOU ARE HEREBY DIRECTED to submit to the office indicated below, the following items checked:

☐ **OPERATING WITHOUT A CERTIFIED / OPERATING MONITORING SYSTEM – CH&SC 25293**
YOU ARE HEREBY DIRECTED to have the monitoring system and the USTs certified immediately and the results received by this office no later than 7 Days from the date of this Notice or the contents of all underground storage tank systems are to be removed within this time period.

☑ **MISSING TEST RESULTS** – Test must be conducted and results received by this office.

- ☑ Secondary Containment Testing FAILED 10/7/14
- ☐ Tank Integrity Testing
- ☐ Corrosion Protection Certification
- ☐ AB 2481 Testing
- ☐ Line Testing
- ☐ Line Leak Detection Testing
- ☐ Financial Responsibility Certification
- ☐ Owner Statement of Designated Operator
- ☐ Facility Employee Training
- ☐ Missing Designated Operator Monthly Form
- ☐ Monitoring/Response Plan
- ☐ _____
- ☐ _____
- ☐ _____

☐ **UNREGISTERED TANKS – CH&SC 25286**

☐ **OPERATING WITHOUT A PERMIT DUE TO A CHANGE OF OWNERSHIP – CH&SC 25284 (c)**

- ☐ Complete and sign the Transfer of Ownership Application (yellow form).
- ☐ An application fee of $_____ payable to the County of Los Angeles Department of Public Works.
- ☐ verify that all Unified Program (UP) form data is accurate and uploaded to the California Environmental Reporting System (CERS) http://cersbusiness.calepa.ca.gov/Account/SignIn?ReturnUrl=%2f, including all UP UST Facility Information data, UP UST Tank Information data, for each UST, and UST Monitoring Plan data (You must include the Board of Equalization Number)
- ☐ Complete and sign the Certificate of Financial Responsibility Form
- ☐ completed and signed Response Plan
- ☐ completed and signed Owner Statement of Designated Operator
- ☐ Provide Monitoring System Certification, which is current (performed within the last 12 months).

☐ **OUT OF SERVICE UNDERGROUND STORAGE TANKS – CH&SC 25298**
Immediately remove all residual liquids, solids, or sludge stored within the USTs to a legal disposal facility. Provide copy of proof of legal disposal.

- ☐ Complete, and sign the Application for Closure.
- ☐ An Application for Closure fee of $_____ payable to the County of Los Angeles Department of Public Works.
- ☐ Complete and sign Permit Application Supplemental/Notice to File.
- ☐ verify that all Unified Program (UP) form data is accurate and uploaded to the California Environmental Reporting System (CERS) http://cersbusiness.calepa.ca.gov/Account/SignIn?ReturnUrl=%2f, including all UP UST Facility Information data, UP UST Tank Information data, for each UST, and UST Monitoring Plan data (You must include the Board of Equalization Number)
- ☐ Complete and sign the Certificate of Financial Responsibility Form
- ☐ An Operating Permit Application fee of $_____ payable to the County of Los Angeles, Department of Public Works.
- ☐ Submit an Annual Permit Maintenance fee of $_____ payable to the County of Los Angeles Department of Public Works.

YOU ARE FURTHER DIRECTED to submit to the office below evidence of compliance with the above directives by no later than fifteen (15) days from the date on this Notice, unless otherwise directed above. Failure to comply with the Underground Storage Tank laws and regulations may subject you to a civil penalty of not less than $500 or more than $5,000, or by one year in county jail or both. Additionally pursuant to LACC Title 1, § 1.25.040, each violation of any provision of this Code and each separate offense is subject to an administrative fine up to $1,000 for each separate day during which any violation occurs or continues. Furthermore, a noncompliance fee may be imposed to recover the cost incurred by this Department in the enforcement of LACC.

If you have any questions regarding this matter, please contact WALTER/ LIEUTENANT BE, ☑ Monday through Friday, 8 a.m. to 9:30 a.m. or [ ] Monday through Thursday, 7 a.m. to 5:30 p.m. at (323) 881-7031

Inspected By: _____
Signature

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
EAST LOS ANGELES DISTRICT OFFICE
4801 E. 3RD STREET
LOS ANGELES, CA 90022-1601

Receipt of a copy of this report acknowledged by:

Print Name: JOE REBELO	Title: CHIEF ENGINEER
Signature: _____	Date: 10/10/2014

38-0033 DPW Rev.7/13

OFFICE COPY

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 TRANS: INSP              HMS INSPECTION DISPLAY/UPDATE              OPER: E507141
  PROG: PWC160                                                     10/10/14 14:34:41

   ACTION: B (A)DD  (C)HANGE  (D)ELETE  (B)ROWSE  A(S)SC # BROWSE
    FILE #: 006994 007311 NAME: BANK OF THE WEST                SEC? N  STAT: PERM
 STREET #: 1977  FR:       DR:     NAME: SATURN                 SF: ST   UN:
     CITY: MONTEREY PARK            ZIP: 91755 7418  AREA: 3M  TEL: 323 727 3636
   INSP #: I 000788451    INSP TYPE: T SCHI    INSP DT: 093014   INSP DISP: FOL1
   ASSC #: P 00005594T  ASSC # TYPE: T 0     ASSC # DT: 060993 ASSC # DISP: PERM

INSP PROC: UST_ANNUAL      SAMP REQ? _     SELF MONT? _

INSP INFO: SINGLE-WALLED_USTS_(2)_&_DOUBLE-WALLED_UST_(1)_____________________
           EMERGENCY_GENERATOR_TANKS_____________________________________________

  RESULTS: NOVC_ISSUED_FOR_FAILED_SB989_DATED_10/12/12.REPAIR_PERMIT_STILL_PEND
           ING.NO_CERS_UPLOAD.BANK_IS_MOVING_OUT.LA_COUNTY_IS_MOVING_IN._________
           # OF VIOLS FOUND:   0                COMPLY DT:

ASSIGN DT: 093014              DUE DT: 103014         ASSIGN TO: 47913_ WW____
 START DT: _______           COMP DT: 101014           COMP BY: 47913_ WW____
 DMS LINK: HTTP://PWDMS04/CSHMSEPDUSTRESULTS.ASP?DOCNO=000788451&DOCTYPE=INSP
                                      LAST TRAN/DATE/OPER: INSP 101014 E507141
 MORE ENTRIES ON NEXT PAGE
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COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
"To Enrich Lives Through Effective And Caring Service"
ENVIRONMENTAL PROGRAMS DIVISION
UNDERGROUND STORAGE TANK INSPECTION REPORT

www.CleanLA.com

Date 10-10-14
Site Name BANK OF THE WEST
Street Address 1977 SATURN ST
Facility Contact JOE REYES
Phone No. 323-722-3636

Permit Number 5594T
Site-File Number CU6994-UU7311
City/Zip Code MONTEREY PARK CA. 91755
Inspection Number 788451
Inspected By WARREN LOTANAGE

Refer to Title 23 of the California Code of Regulations (CCR), Chapters 6.7 of the Health and Safety Code (CHSC).

CERS ID # 10268183

The following Code sections are either in violation (V) of, or in compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable (N).

	Tank ID	Tank ID	Tank ID	Tank ID	Tank ID
	001	002	003		
Tank Manufacturer	MOD UCO	OLIVER	OLIVER		
Contents	DIESEL	DIESEL	DIESEL		
Install Date	08/01/91	01/01/80	01/01/80		
Size	2K	10K	10K		

	TYPE ID	INSPECTION ITEM	001 V	001 C	001 N	002 V	002 C	002 N	003 V	003 C	003 N	Tank ID V	Tank ID C	Tank ID N	Tank ID V	Tank ID C	Tank ID N
		ADMINISTRATION/DOCUMENTATION															
1	2010001	Current BOE number submitted to the CUPA and/or CERS? UU6184		V			C			C				N			
2	2030021	Facility has a valid permit to operate from the CUPA?		V			C			C				N			
3	2010007	Financial Responsilbity current and on file? (exp. 12/05/14)		V			C			C				N			
4	2010010A	Submitted an accurate CUPA UST Operating Permit Application for Facility Information?		V			C			C				N			
5	2010010B	Submitted an accurate CUPA UST Operating Permit Application for Tank Information?		V			C			C				N			
6	2030011A	Has statement of UST compliance certification been submitted?		V			C			C				N			
7	2030011B	Has designated operator current certification been submitted?		V			C			C				N			
8	2010003	Has the owner/operator designated a UST operator?		V			C			C				N			
9	2030014A	Owner/operator received approval for a training program at an unstaffed facility?		V			C			C				N			
10	2030014B	Owner/operator implemented the approved training program?		V			C			C				N			
11	2030037	Did they submit an owner/operator agreement?		V			C			C				N			
12	2030041	A complete and accurate plot plan has been submitted, approved and maintained?		V			C			C				N			
13	2030046	A complete and accurate response plan has beeen submitted, approved and maintained?		V			C			C				N			
14	2030007	Did they submit and maintain documentation regarding positive statement of compatibility for UST system components?		V			C			C				N			
15	2010008D	Have they maintained written performance claims pertaining to release detection systems and calibration and maintenance records for such systems for 5 years?		V			C			C				N			
16	2030068	Was enhanced leak detection testing conducted for the double-walled UST systems located within 1,000 feet of a public drinking water well?		V			C			C				N			
17	2030066	Was appropriate action taken to repair and retest any component of a double-walled UST system that is leaking liquid or vapor which is discovered from an enhanced leak detection test for UST system located within 1,000 feet of a public drinking water well?		V			C			C				N			
18	2030067	ELD testing conducted every 36 months on USTs located within 1,000 feet of a public drinking well? (singlewalled components)		V			C			C				N			
19	2010008A	Have they maintained records of repairs, lining, and upgrades for life of UST?															
20	2010008B	Have they maintained written monitoring and maintenance records for 3 years?															
21	2010008C	Have they maintained cathodic protection records for 6 1/2 years?															
22	2030033	Is an approved monitoring plan maintained on-site?															
23	2030002A	Has monitoring system been certified annually? 10/10/14															
24	2030002B	Monitoring System Certification submitted within thirty days?															
25	2030055	Have spill buckets been tested annually? 10/10/14															
26	2060016	Was secondary containment testing conducted at installation?															
27	2030047	Secondary containment maintained tight and has been confirmed by testing? 10/12/12															
28	2030048A	Was secondary containment testing conducted within 6 months of install/repair?															
29	2030048B	Has Secondary Containment Testing been conducted every 36 months?															
30	2010009	Has Secondary Containment Test been submitted within thirty days?															
31	2030064	Was Notification given 48 hours prior to testing?															
32	2010011	Has data been electronically submitted into CERS?															
		ENFORCEMENT															
33	2030044	Did the owner/operator deposit or allow the deposit of petroleum into a UST that has a red tag affixed to the fill pipe?															
34	2030045	Has the Red Tag been removed, defaced, altered, or otherwise tampered with so that the information on the tag is not legible?															
35	2030063	Were temporary closure requirements complied with?															
36	2030038	Were permanent closure requirements complied with?															
37	2030061	Was a suspected or actual unauthorized release recorded and/or reported in an appropriate time frame?															
38	2010006	Owner/Operator has not made false statements or representation on any required document?															
39	2030039	Did they comply with all of the operating permit conditions?															

Site-File Number: 006944-007311
Inspection Number: 788451
Date: 10/07/14

	TYPE ID	INSPECTION ITEM	Tank ID 001 Contents DIESEL V	C	N	Tank ID 002 Contents DIESEL V	C	N	Tank ID 003 Contents DIESEL V	C	N	Tank ID Contents V	C	N	Tank ID Contents V	C	N
		MAINTENANCE															
40	2030059	UST system maintained in accordance with exclusion/exemption status?			/			/			/						
		TECHNICANS															
41	2030023A	Has the service technician obtained and maintained a current ICC certification?		/			/			/							
42	2030024A	Has the service technician obtained and maintained a proper license?		/			/			/							
43	2030031A	Has the service technician obtained and maintained a manufacturer certification?		/			/			/							
44	2030023C	Has the installer obtained and maintained a current ICC certification?		/			/			/							
45	2030024B	Has the installer obtained and maintained a proper license?		/			/			/							
46	2030031B	Has the Installer obtained and maintained a manufacturer certification?		/			/			/							
		DESIGNATED OPERATOR															
47	2030023B	Has the designated operator obtained and maintained a current ICC certification?		/			/			/							
48	2010004A	Have they maintained a copy of monthly designated operator reports for 12 months?		/			/			/							
49	2010004B	Have they maintained a list of trained employees?		/			/			/							
50	2030012A	Has training been provided to facility employee(s) responsible for proper operation and maintenance every 12 months?		/			/			/							
51	2030012B	Did they train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire?		/			/			/							
52	2030012C	Is there at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system?		/			/			/							
53	2030010	Has the designated operator notified the owner or operator of any condition discovered during the monthly visual inspection that may require follow-up actions?		/			/			/							
54	2030013A	Was the monthly alarm history report inspected by the designated operator?		/			/			/							
55	2030013B	Was a copy of the alarm history report attached to the monthly designated operator report?		/			/			/							
56	2030013C	Was the spill container/spill bucket inspected for the presence of liquid/debris by the designated operator?		/			/			/							
57	2030013D	Was the UDC inspected by the designated operator for the presence of liquid/debris?		/			/			/							
58	2030013E	Was the UDC Inspected by the designated operator to ensure that monitoring equipment is placed in the proper position?		/			/			/							
59	2030013F	Did the designated operator inspect for liquid/debris in the containment sump where an alarm occurred?		/			/			/							
60	2030013G	Did the designated operator inspect the containment sump for liquid/debris for which there is no record of a service visit?		/			/			/							
61	2030013H	Has all testing and maintenance been completed and documented?		/			/			/							
62	2030001	Were leak detection alarm logs, maintenance and records of appropriate follow-up actions maintained?		/			/			/							
		UST															
63	2030043	Has the leak detection equipment been properly programmed and properly operated?		/			/			/							
64	2030016A	Is the interstitial space of the tank continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected?		/			/			/							
		Monitoring System Manufacturer's Name and Model #	VR3L335														
65	2030034	Was a tag/sticker properly affixed to the monitoring equipment being certified, repaired, or replaced?		/			/			/							
66	2030003	Leak detection system maintains continuous an audible and visual alarm		/			/			/							
		SPILL BUCKET															
67	2060020A	Are spill buckets installed?			/			/			/						
68	2060020B	Does the spill bucket/container have a functional drain valve or other liquid removal method?			/			/			/						
69	2060020C	Is the spill bucket resistant to galvanic corrosion?			/			/			/						
70	2030054A	Are the spill buckets in good condition?			/			/			/						
71	2030054B	Are the spill buckets free of debris/liquid?			/			/			/						
72	2030054C	Were spill bucket contents removed when a release was observed?			/			/			/						
73	2060019	Do spill buckets have a minimum capacity of five gallons?			/			/			/						
		OVERFILL PREVENTION															
74	2030035	Was the UST system operated to prevent spills and/or overfills?			/			/			/						
75	2030036A	Overfill prevention system to meet one of the following requirements: 1. Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm (Ball float or external alarm at 90%); or			/			/			/						
76	2030036B	2. Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills (Ball float and external alarm); or			/			/			/						
77	2030036C	3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity (Flapper at 95%); or			/			/			/						
78	2030036D	4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling (Flapper below tank top fitting)			/			/			/						

Site-File Number 006994-007311
Inspection Number 78845)
Date 10-10-14

	TYPE ID	INSPECTION ITEM	Tank ID 003 Contents DIESEL V	C	N	Tank ID 002 Contents DIESEL V	C	N	Tank ID 001 Contents DIESEL V	C	N	Tank ID Contents V	C	N	Tank ID Contents V	C	N
		SUMP															
79	2030008C	Are the sumps in good condition?		✓			✓			✓							
80	2030008D	Are the sumps free of debris/liquid?		✓			✓			✓							
81	2030008E	Is the secondary containment in good condition?		✓			✓			✓							
82	2030008F	Is the secondary containment free of debris/liquid?		✓			✓			✓							
83	2030060	Is entry fitting maintained such that it properly seals to the containment?		✓			✓			✓							
84	2030040	Is the secondarily contained piping maintained to allow drainback to the sump in the event of a leak?		✓			✓			✓							
85	2030026B	Does the electronic leak detection equipment successfully trigger an audible/visual alarm?		✓			✓			✓							
86	2030016C	Are the sumps continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected?		✓			✓			✓							
87	2030062	Is leak detection equipment set up such that the monitoring system would detect a leak at the earliest opportunity and/or alert the owner/operator of a leak?		✓			✓			✓							
88	2060015	Are the sensors located in the proper position/location?		✓			✓			✓							
		Line Leak Detectors															
89	2060012	Does the pressurized piping system have a line leak detector installed?			✓			✓			✓						
		Line Leak Detector Model #															
90	2030026A	Is the line leak detector certified to detect a 3gph leak and restrict or shutoff the flow of product through the piping when a leak is detected?			✓			✓			✓						
91	2060017	Is an automatic line leak detector installed which is capable of shutting off the pump when a release occurs, fails, or is disconnected? (Single Walled)			✓			✓			✓						
92	2060014	Is the leak detection equipment correct for the type of system?			✓			✓			✓						
		PIPING															
		Product Piping Manufacturing	Asmith														
		Singlewalled Pressurized Piping															
93	2030027	Does the pump shut down when a leak is detected or when line leak detector is disconnected? (Positive shutdown/failsafe)			✓			✓			✓						
94	2060018	Was it demonstrated that existing single wall pressurized pipe containing motor vehicle fuel is constructed of glass fiber reinforced plastic, cathodically protected steel, or steel clad with glass reinforced plastic?			✓			✓			✓						
95	2030052	Was pressurized pipe containing motor vehicle fuel monitored at least hourly at any pressure and was a 0.2 gph monthly line integrity test or 0.1 gph annual line integrity test performed?			✓			✓			✓						
		Singlewalled Conventional Suction Piping															
96	2030049	Was daily monitoring conducted for air in the pipe and were the results logged?			✓			✓			✓						
97	2030050	Was a 0.1 gph piping integrity test conducted every three years?			✓			✓			✓						
		Singlewalled Gravity Piping															
98	2030051	Was a 0.1 gph piping integrity test or overfill integrity test conducted every two years?			✓			✓			✓						
		Singlewalled Safe Suction Piping															
99	2030053A	Does piping drain back into UST if the suction is released?			✓			✓			✓						
100	2030053B	Does piping have a check valve on the piping located directly below the suction pump?			✓			✓			✓						
		Double Walled Safe, Conventional, Gravity Piping															
101	2060006	Does secondary containment piping slope back to the collection sump?		✓			✓			✓							
		Double Walled Pressurized Piping															
102	2030042A	Was an annual line integrity test performed for pressurized pipe that does not utilize fail safe or shut down?			✓			✓			✓						
103	2030042B	Was a passing result achieved on the annual line integrity test for pressurized pipe that does not utilize fail safe or shut down?			✓			✓			✓						
104	2030016B	Is the piping continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected?			✓			✓			✓						
105	2030017	Product piping outside the UDC is fail-safe and shuts down the pump or restricts flow?			✓			✓			✓						
106	2030018	Is the double wall pressurized piping in the turbine sump continuously monitored with a system that activates an audible and visual alarm or restricts or stops flow at dispenser when a leak is detected?			✓			✓			✓						
107	2030025A	Is the pressurized piping able to monitor at least hourly with the ability to detect of release of 3.0 gph or trigger an audible/visual alarm?			✓			✓			✓						
108	2030025B	Does the pressurized piping restrict product flow through the piping when a release occurs?			✓			✓			✓						
109	2030025C	Does the pressurized piping trigger an alarm when a release occurs?			✓			✓			✓						
		Other Piping															
110	2030020	Unburied fuel piping (connected to an emergency tank system) visually inspected at least monthly and log kept?			✓			✓			✓						
111	2030020X	Buried fuel piping connected to an emergency genrator tank systems, the monitoring system checked at least daily by either remote electronic access or visually inspected and log kept onsite?			✓			✓			✓						

DW or SW (circle one)

Site-File Number 006994-007311
Inspection Number 188451
Date 10-10-14

	TYPE ID	INSPECTION ITEM	Tank ID 001 Contents DIESEL V	C	N	Tank ID 002 Contents DIESEL V	C	N	Tank ID 003 Contents DIESEL V	C	N	Tank ID Contents V	C	N	Tank ID Contents V	C	N
		UDC															
112	2030008A	Are the UDCs in good condition?															
113	2030008B	Are the UDCs free of debris/liquid?															
114	2030019	Monitoring system in the UDCs activates an audible and visual alarm or stops the flow at the UDC?	N/A														
		Sensor Model # or Type															
		INSPECTION															
115	2060001	Were as-built plans submitted for the location and orientation of the tanks and appurtenant piping systems for new installations and/or with the permit application?		✓	✓			✓		✓	✓						
116	2060010	Does the UST storing a hazardous substance have secondary containment?		✓				✓			✓						
117	2060007	Was non-integral secondary containment designed and constructed to an engineering specification approved by a registered professional engineer or in accordance with a nationally recognized industry core or engineering standard?			✓			✓			✓						
118	2060009	Was a permit obtained to install, replace, repair, or modify part of the UST system containment or leak detection equipment? PENDING		✓			✓			✓							
119	2060021	Is a striker plate installed & positioned correctly under any opening that could be used for manual dipsticking or do they have a drop-tube mounted bottom protector?			✓			✓			✓						
120	2010005	Were enhanced leak detection testing results submitted to the board and the local agency within 60 days of test completion?			✓			✓			✓						
121	2030069	Is the secondary containment free of liquid and debris for a tank installed after January 1, 1984?		✓			✓	✓		✓	✓						
122	2030070	The primary containment maintained product-tight for a tank installed after January 1, 1984?		✓			✓			✓							
123	2030071	Maintain primary containment as product-tight and compatible with the stored product for a tank installed after July 1, 2004?			✓			✓			✓						
124	2030072	Maintain the primary containment as product-tight and compatible with stored product for a tank installed after July 1, 2003 and before July 1, 2004?			✓			✓			✓						
125	2030073	Corrective items noted by on an inspection report have been returned to compliance?		✓		✓			✓								
126	2060025	Secondary Contaimment free of liquid and debris for tank installed after January 1, 1984?		✓			✓			✓							
127	2060026	Primary containment is product ight for tank installed after January 1, 1984?		✓			✓			✓							
128	2060027	Maintain primary containment as product-tight and compatible with the stored for tank installed after July 1, 2004?			✓			✓			✓						
129	2060028	Primary containment as product-tight and compatible with stored product for tank installed after July 1, 2003 and before July 1, 2004?			✓			✓			✓						
		DOUBLE WALLED PRE 2003 TANKS															
130	2060005	Was system constructed with a monitoring system capable of detecting entry into secondary containment?		✓			✓			✓							
		TANKS 2003 - PRESENT															
131	2030065	Is the interstitial space maintained under constant vacuum, pressure, or hydrostatic conditions, such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance stored in the UST tank is released into the environment? (VPH - 7/2004)															
132	2060008	Was enhanced leak detection testing performed before the tank was placed in use?			N/A			N/A									
133	2060022A	Is the UST system installed on or after July 1, 2003 and before July 1, 2004, designed and constructed with a monitoring system capable of detecting the entry of the hazardous substance stored in the primary containment into the secondary containment? (Including Vent/Vapor Piping)															
134	2060022B	Is the UST system installed on or after July 1, 2003 and before July 1, 2004, capable of detecting water intrusion into the secondary containment? (Including Vent/Vapor Piping)															
135	2060023	Is the UST system installed on or after July 1, 2004, designed and constructed so as to detect the entry of the liquid or vapor-phase of the hazardous substance stored in the primary containment into the secondary containment and capable of detecting water intrusion into the secondary containment? (VPH)															
		ONSITE TANK TOP INSPECTION															
		Annular Space Sensors (if applicable)	VR394			N/A			N/A								
		Fill Sump Sensors	VR208			VR208			VR208								
		Piping Sump Sensors	VR208			VR311			VR311								

Site-File Number 006494-007313
Inspection Number 786451
Date 10-10-14

	TYPE ID	INSPECTION ITEM	Tank ID: UST1 Contents: DIESEL V	C	N	Tank ID: UST2 Contents: DIESEL V	C	N	Tank ID: UST3 Contents: DIESEL V	C	N	Tank ID: Contents: V	C	N	Tank ID: Contents: V	C	N
		LINED TANKS															
136	2060024	UST system is made of or lined with material that are compatible with the substance stored?															
137	2030028A	Was a proper written tank lining certification submitted within 30 days of completion of the inspection?															
138	2030028B	Was a tank integrity test performed?															
139	2030028C	Was a vacuum test performed following lining? N/A															
140	2030028D	Did they employ a proper coatings expert and/or special inspector?															
141	2030029	Lined or repaired steel tank was inspected within 10 years of lining and every 5 years after?															
142	2060003	Were components inspected at the install site using an electrical resistance holiday detector and repaired if necessary?															
		SINGLE WALLED TANK MONITORING															
143	2010002A	Have they maintained records of cathodic protection systems testing conducted within six months of installation and at least every three years thereafter?			/			/			/						
144	2010002B	Have they maintained records for the 60 calendar day inspection of the impressed-current system?			/			/			/						
145	2010002C	Have they maintained records for sacrificial anodes testing every three years?			/			/			/						
146	2010002D	Do they have written monitoring and maintenance records on-site or off-site at a readily available location if approved?			/		/			/							
147	2030004	Automatic tank gauge programmed to test the tank at least once per month at 0.1 gallons per hour?			/			/			/						
148	2030005	The 0.2 gallons per hour continuous in tank lek decteciton performed?			/			/			/						
149	2030006A	Monthly 0.2 gallons per hour automatic tank gauging performed?			/		/			/							
150	2030006B	Did the automatic tank gauge generate and print a hard copy of the monthly 0.2 gph test?			/		/			/							
151	2030009A	Was the impressed-current system inspected every 60 calendar days?			/			/			/						
152	2030009C	Was the impressed-current system inspected within six months of installation and at least every three years thereafter?			/			/			/						
153	2030009D	Were the sacrificial anodes tested once every three years in accordance with the manufacturer's instructions?			/			/			/						
154	2030015	Facility exhibited that the method used to monitor the tank meets the monitoring methods in 2643(f)?			/		/			/							
155	2030056	Was an annual SIR report submitted?			/			/			/						
156	2030030	Weekly manual tank gauging performed in accordance to the required specifications?			/			/			/						
157	2030057A	Did they notify of a possible release within 24 hours?			/			/			/						
158	2030057B	Was a copy of the release report submitted within 10 days?			/			/			/						
159	2030057C	Were records inspected for errors and the UST system physically inspected within 24 hours?			/			/			/						
160	2030057D	Were meters recalibrated within 48 hours of receipt of report?			/			/			/						
161	2030058A	Were measurements taken daily (SIR)?			/			/			/						
162	2030058B	Was monthly inventory calculated(SIR)?			/			/			/						
163	2030058C	Is the system capable of detecting a 0.2 gph release(SIR)?			/			/			/						
164	2030058D	Was a tank integrity test conducted every two years(SIR)?			/			/			/						
165	2030058E	Was piping test conducted within 15 days of receipt of two successive SIR reports which were inconclusive or which indicated a possible release(SIR)?			/			/			/						
166	2030058F	Were dispenser meters calibrated annually(SIR)?			/			/			/						
167	2060002	Automatic tank gauging/continuous in tank leak detection system installed/properly functioning?			/			/			/						
168	2060004A	Is UST corrosion protection installed?			/			/			/						
169	2060004B	Does field-installed cathodic protection meet the consensus standards?			/			/			/						
		ADDITIONAL COMMENTS															
170																	
171																	
172																	
173																	
174																	
175																	
176																	

Receipt of a copy of this report acknowledged by : Joe Rebok
PRINT NAME

SIGNATURE

Violation Type Number	CHSC	CCR
2010001	25286	
2010002		2635, 2712(b)
2010003		2715(a)
2010004		2715
2010005		2644.1(a)(5)
2010006	25299	
2010007	25292.2; 25299.30-25299.34	2711;
2010008		2712(b)
2010009		2637(e)
2010010	25286(a)	2711;
2010011	25404(e)(4)	
2030001		2632, 2634, 2712(b)
2030002		2638
2030003		2632, 2634, 2636, 2666
2030003		2632, 2634, 2636, 2666
2030004		2643(b)(2)
2030005		2643(b)(5)
2030006		2643(b)(1)
2030007		2631(i)
2030008	25290.1, 25290.2, 25291	
2030009		2635
2030010		2715(d)
2030011		2715(a), 2715(b)
2030012		2715(c)(6), 2715(f)
2030013		2715
2030014		2715(f)(2)
2030015		2643
2030016		2631(g), 2632(c)(2)(A)&(B), 2633(c), 2636(f)
2030017		2636(f)(5)
2030018		2636(f)(1)
2030019		2636(f)(1)
2030020	25281.5(b)(3)	
2030021	25284	2712(i)
2030022		2647, 2648
2030023		2715
2030024	28284.1(a)(5)(D)	2715;
2030025		2636(f)(2)
2030026		2636(f)(2), 2666(c)
2030027		2666(c)
2030028		2663
2030029		2663
2030030		2645
2030031		2715
2030032	25281.5(b)(2)	
2030033		2632, 2634, 2711, 2712(i)
2030034		2638(f)
2030035	25292.1(a)	
2030036		2635(b)(2), 2665
2030037	25284(a)(3)	2620(b);
2030038	25298	2670, 2672;
2030039	25299	2712;
2030040		2630(d), 2641(a)
2030041		2632(d)(1)(C), 2711(a)(8)
2030042		2636(f)(4)
2030043		2632, 2634, 2636, 2666
2030043		2632, 2634, 2636, 2666
2030044		2717.1(f)
2030045		2717.1(g)
2030046		2632, 2634(e), 2641(h), 2712(i)
2030047	25290.1(c)(2), 25290.2(c)(2), 25291(a), 25292(e)	2662;
2030048		2637
2030049		2643(d)
2030050		2643(d)
2030051		2643(e)
2030052		2641(a), 2643
2030053		2636(a)(3), 2641(b)
2030054		2635(b), 2715(c)(2)
2030055	25284.2	
2030056		2646.1(i)
2030057		2646.1(d)
2030058		2646.1
2030059	25281.6, 25283.5	
2030060		2630, 2635(d), 2636(c), 2666
2030061	25294, 25295	
2030062	25299(a)(9)	
2030063	25298	2670, 2671;
2030063	25298	2670, 2671;
2030064		2637(f), 2638(e), 2643(g), 2644.1(a)(4)
2030065	25290.1(e)	
2030066	25292.4(d), 25292.5(c)	
2030067		2644.1(a)(3)
2030068	25292.4, 25292.5	
2030069	252911(e)	
2030070	5291(a)(1)	2631(a)
2030071	25290.1(c)(1)	2631(a)
2030072	25290.2(c)(1)	2631(a)
2030073		2712(f)
2060001		2635(c)(8), 2711(a)(8)
2060002	25292(a)	2643
2060003		2635(a)(2)(B)
2060004		2635(a)(2)(A)
2060005	25291(b)	
2060006		2636
2060007		2631(d)
2060008	25290.1(i), 25290.2(i)	
2060009		2712
2060010	25292	
2060011		2631(b)
2060012	25290.1(h), 25290.2(g), 25291(f), 25292(e)	
2060013		2636(e)
2060014	25290.1, 25290.2, 25291	2638
2060015		2630(d), 2641(a)
2060016		2637
2060017		2666(c)
2060018	25292(e)(2)	2666(b)
2060019		2635(b), 2665
2060020		2635(b), 2665
2060021		23 CCR 16 2631(c), 2662(d)
2060022	25290.2(d)	
2060023	25290.1(d)	
2060024		2631.1
2060025	252911(e)	
2060026	25291(a)(1)	2631(a)
2060027	25290.1(c)(1)	2631(a)
2060028	25290.2(c)(1)	2631(a)

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
"To Enrich Lives Through Effective And Caring Service" www.CleanLA.com

ENVIRONMENTAL PROGRAMS DIVISION
NOTICE OF VIOLATION ORDER TO COMPLY

Date 10-10-14 Permit 55945

Owner/Operator JOE REBELO Site/File 006994-687311

Site Name BANK OF THE WEST Violation # 285364

Site Address 1977 SATURN ST City, Zip MONTEREY PARK CA. 91755

Mailing Address _____ City, Zip _____

A recent inspection of your facility revealed the following conditions and/or practices relating to hazardous materials underground storage tanks (USTs) which are violations of California Health and Safety Code (CH&SC) Chapter 6.7; Los Angeles County Code (LACC), Title 11, Division 4 and/or the conditions and limitations of the above permit.

YOU ARE HEREBY DIRECTED to submit to the office indicated below, the following items checked:

☐ **OPERATING WITHOUT A CERTIFIED / OPERATING MONITORING SYSTEM – CH&SC 25293**
YOU ARE HEREBY DIRECTED to have the monitoring system and the USTs certified immediately and the results received by this office no later than 7 Days from the date of this Notice or the contents of all underground storage tank systems are to be removed within this time period.

☑ **MISSING TEST RESULTS** – Test must be conducted and results received by this office.

- ☑ Secondary Containment Testing FAILED 10/7/14
- ☐ Tank Integrity Testing
- ☐ Corrosion Protection Certification
- ☐ AB 2481 Testing
- ☐ Line Testing
- ☐ Line Leak Detection Testing
- ☐ Financial Responsibility Certification
- ☐ Owner Statement of Designated Operator
- ☐ Facility Employee Training
- ☐ Missing Designated Operator Monthly Form
- ☐ Monitoring/Response Plan
- ☐ _____
- ☐ _____
- ☐ _____

☐ **UNREGISTERED TANKS – CH&SC 25286**

☐ **OPERATING WITHOUT A PERMIT DUE TO A CHANGE OF OWNERSHIP – CH&SC 25284 (c)**

- ☐ Complete and sign the Transfer of Ownership Application (yellow form).
- ☐ An application fee of $_____ payable to the County of Los Angeles Department of Public Works.
- ☐ verify that all Unified Program (UP) form data is accurate and uploaded to the California Environmental Reporting System (CERS) http://cersbusiness.calepa.ca.gov/Account/SignIn?ReturnUrl=%2f, including all UP UST Facility Information data, UP UST Tank Information data, for each UST, and UST Monitoring Plan data (You must include the Board of Equalization Number)
- ☐ Complete and sign the Certificate of Financial Responsibility Form
- ☐ completed and signed Response Plan
- ☐ completed and signed Owner Statement of Designated Operator
- ☐ Provide Monitoring System Certification, which is current (performed within the last 12 months).

☐ **OUT OF SERVICE UNDERGROUND STORAGE TANKS – CH&SC 25298**
Immediately remove all residual liquids, solids, or sludge stored within the USTs to a legal disposal facility. Provide copy of proof of legal disposal.

- ☐ Complete, and sign the Application for Closure.
- ☐ An Application for Closure fee of $_____ payable to the County of Los Angeles Department of Public Works.
- ☐ Complete and sign Permit Application Supplemental/Notice to File.
- ☐ verify that all Unified Program (UP) form data is accurate and uploaded to the California Environmental Reporting System (CERS) http://cersbusiness.calepa.ca.gov/Account/SignIn?ReturnUrl=%2f, including all UP UST Facility Information data, UP UST Tank Information data, for each UST, and UST Monitoring Plan data (You must include the Board of Equalization Number)
- ☐ Complete and sign the Certificate of Financial Responsibility Form
- ☐ An Operating Permit Application fee of $_____ payable to the County of Los Angeles, Department of Public Works.
- ☐ Submit an Annual Permit Maintenance fee of $_____ payable to the County of Los Angeles Department of Public Works.

YOU ARE FURTHER DIRECTED to submit to the office below evidence of compliance with the above directives by no later than fifteen (15) days from the date on this Notice, unless otherwise directed above. Failure to comply with the Underground Storage Tank laws and regulations may subject you to a civil penalty of not less than $500 or more than $5,000, or by one year in county jail or both. Additionally pursuant to LACC Title 1, § 1.25.040, each violation of any provision of this Code and each separate offense is subject to an administrative fine up to $1,000 for each separate day during which any violation occurs or continues. Furthermore, a noncompliance fee may be imposed to recover the cost incurred by this Department in the enforcement of LACC.

If you have any questions regarding this matter, please contact WALTER/ LIEUTENANT BE, ☑ Monday through Friday, 8 a.m. to 9:30 a.m. or [ ] Monday through Thursday, 7 a.m. to 5:30 p.m. at (323) 881-7031

Inspected By: _____
Signature

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
EAST LOS ANGELES DISTRICT OFFICE
4801 E. 3RD STREET
LOS ANGELES, CA 90022-1601

Receipt of a copy of this report acknowledged by:

Print Name: JOE REBELO	Title: CHIEF ENGINEER
Signature: _____	Date: 10/10/2014

38-0033 DPW Rev.7/13

OFFICE COPY

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 TRANS: INSP              HMS INSPECTION DISPLAY/UPDATE              OPER: E507141
  PROG: PWC160                                                     10/10/14 14:34:41

   ACTION: B (A)DD  (C)HANGE  (D)ELETE  (B)ROWSE  A(S)SC # BROWSE
    FILE #: 006994 007311 NAME: BANK OF THE WEST                SEC? N  STAT: PERM
 STREET #: 1977  FR:       DR:     NAME: SATURN                 SF: ST   UN:
     CITY: MONTEREY PARK            ZIP: 91755 7418  AREA: 3M  TEL: 323 727 3636
   INSP #: I 000788451    INSP TYPE: T SCHI    INSP DT: 093014   INSP DISP: FOL1
   ASSC #: P 00005594T  ASSC # TYPE: T 0     ASSC # DT: 060993 ASSC # DISP: PERM

INSP PROC: UST_ANNUAL      SAMP REQ? _     SELF MONT? _

INSP INFO: SINGLE-WALLED_USTS_(2)_&_DOUBLE-WALLED_UST_(1)_____________________
           EMERGENCY_GENERATOR_TANKS_____________________________________________

  RESULTS: NOVC_ISSUED_FOR_FAILED_SB989_DATED_10/12/12.REPAIR_PERMIT_STILL_PEND
           ING.NO_CERS_UPLOAD.BANK_IS_MOVING_OUT.LA_COUNTY_IS_MOVING_IN._________
           # OF VIOLS FOUND:   0                COMPLY DT:

ASSIGN DT: 093014              DUE DT: 103014         ASSIGN TO: 47913_ WW____
 START DT: _______           COMP DT: 101014           COMP BY: 47913_ WW____
 DMS LINK: HTTP://PWDMS04/CSHMSEPDUSTRESULTS.ASP?DOCNO=000788451&DOCTYPE=INSP
                                      LAST TRAN/DATE/OPER: INSP 101014 E507141
 MORE ENTRIES ON NEXT PAGE
```

006994 - 007311

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California
Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: Bank of the West Bldg. No.:

Site Address: 1977 Saturn City: Mission Viejo Zip: 92735

Facility Contact Person: Joe Rebelo Contact Phone No.: (949) 727-3636

Make/Model of Monitoring System: VR 775 350 Date of Testing/Servicing: 10/16/09

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: West Diesel 10K	Tank ID: East Diesel 10K
☑ In-Tank Gauging Probe. Model: MAG1	☐ In-Tank Gauging Probe. Model:
☐ Annular Space or Vault Sensor. Model:	☐ Annular Space or Vault Sensor. Model:
☑ Piping Sump / Trench Sensor(s). Model: 794380-357	☑ Piping Sump / Trench Sensor(s). Model: 794380-357
☑ Fill Sump Sensor(s). Model: 794380-208	☑ Fill Sump Sensor(s). Model: 794380-208
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
☐ Tank Overfill / High-Level Sensor. Model:	☐ Tank Overfill / High-Level Sensor. Model:
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID: 2K Diesel	Tank ID:
☐ In-Tank Gauging Probe. Model:	☐ In-Tank Gauging Probe. Model:
☑ Annular Space or Vault Sensor. Model: 794380-344	☐ Annular Space or Vault Sensor. Model:
☑ Piping Sump / Trench Sensor(s). Model: 794380-208	☐ Piping Sump / Trench Sensor(s). Model:
☑ Fill Sump Sensor(s). Model: 794380-208	☐ Fill Sump Sensor(s). Model:
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
☐ Tank Overfill / High-Level Sensor. Model:	☐ Tank Overfill / High Level Sensor Model:
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: NONE	Dispenser ID:
☐ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☐ Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	Dispenser ID:
☐ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☐ Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	Dispenser ID:
☐ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☐ Shear Valve(s)	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification

I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report (check all that apply): ☑ System set-up ☐ Alarm history report

Technician Name (print): Rick Huston Signature:

Certification No.: A2050 License No.: 517336

Testing Company Name: Orange Co. Tank Testing, Inc. Phone No.: (714) 776-0300

Site Address: 225 N. Loara St., Anaheim Date of Testing/Servicing: 10/16/09

RECEIVED

OCT 26 2009

DEPARTMENT OF PUBLIC HEALTH
ENVIRONMENTAL PROGRAMS

C0629426

D. Results of Testing/Servicing

Software Version Installed: 9.0

Complete the following checklist:

☑ Yes	☐ No*	Is the audible alarm operational?
☑ Yes	☐ No*	Is the visual alarm operational?
☑ Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
☑ Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No* ☑ N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
☐ Yes	☐ No* ☑ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* ☐ Sump/Trench Sensors; ☐ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☐ Yes; ☐ No.
☐ Yes	☐ No* ☑ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? _____ %
☐ Yes*	☑ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
☐ Yes*	☑ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product; ☐ Water. If yes, describe causes in Section E, below.
☑ Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
☑ Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments: OVERFILL BUCKETS TESTED WITH SB989 TEST ON THIS DATE.

F. In-Tank Gauging / SIR Equipment:

☐ Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☑ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☑ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☑ Yes	☐ No*	Was accuracy of system product level readings tested?
☑ Yes	☐ No*	Was accuracy of system water level readings tested?
☑ Yes	☐ No*	Were all probes reinstalled properly?
☑ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

G. Line Leak Detectors (LLD): ☑ Check this box if LLDs are not installed.

Complete the following checklist:

☐ Yes	☐ No* ☐ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: ☐ 3 g.p.h.; ☐ 0.1 g.p.h.; ☐ 0.2 g.p.h.
☐ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☐ Yes	☐ No*	Was the testing apparatus properly calibrated?
☐ Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

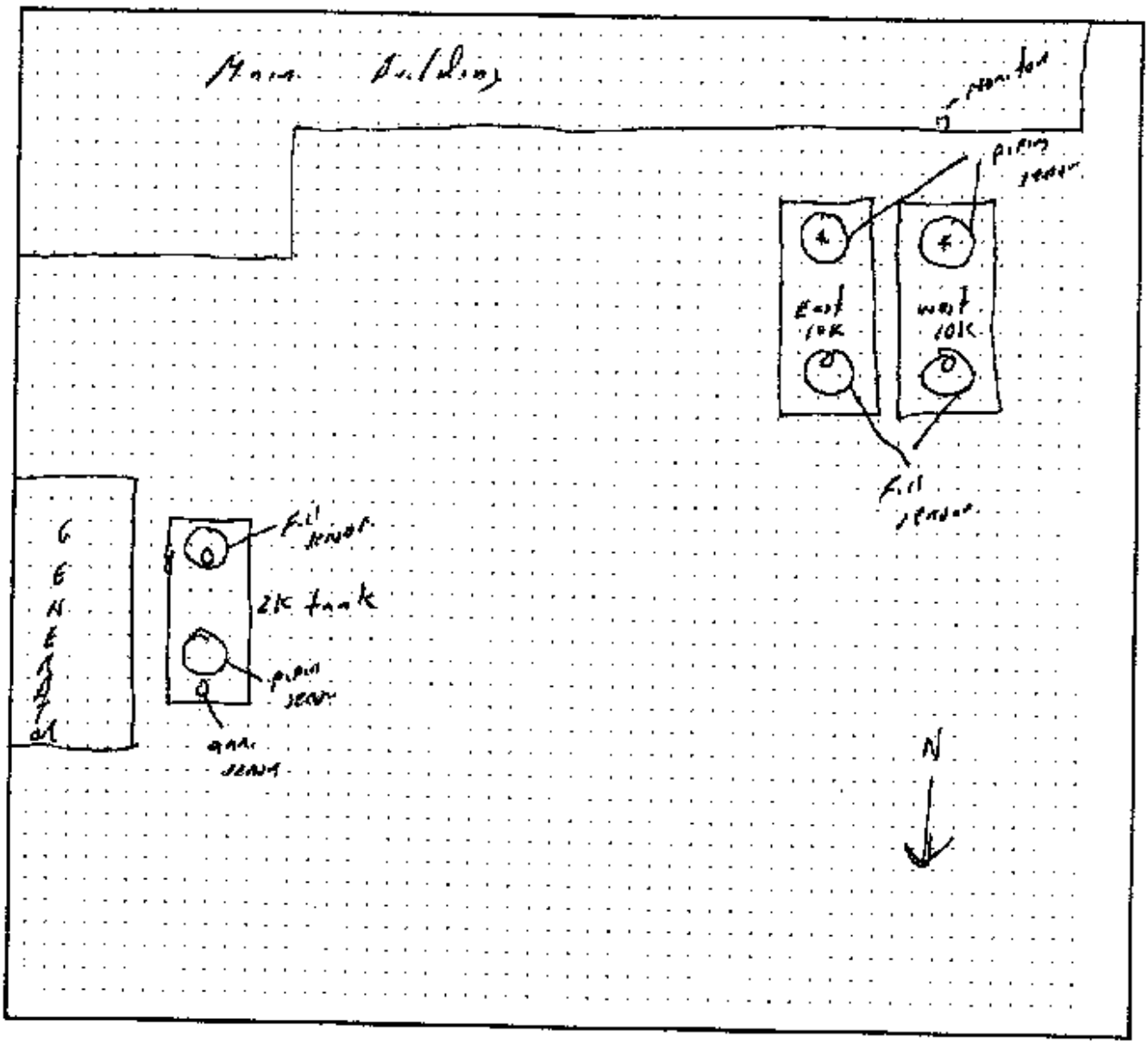
* In the Section H, below, describe how and when these deficiencies were or will be corrected.

H. Comments:

Monitoring System Certification

UST Monitoring Site Plan

Site Address: 1977 Safeway



Date map was drawn: 12/4/07

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels, sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

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SCTR

PETCON TECHNOLOGIES, INC.

RECEIVED
OCT 26 2009
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIV.

October 21, 2009

Los Angeles County Department of Public Works
Environmental Programs Division
900 South Fremont Avenue
Alhambra, CA 91803

Attn: Sb989 Inspector

Re: SB989 Secondary Containment Testing at:
Bank Of The West
1977 Saturn Street
Monterey Park, CA 91755

Mr. Inspector

Please see the attached secondary containment testing results for the above referenced location. Los Angeles County Department of Public Works, Environmental Programs Division was notified for testing on 10/16/2009.

If you have any questions regarding the attached, or need additional information, please don't hesitate to contact me at (310) 679-9991.

Cordially,

Jorge Chavez
Petcon Technologies, Inc.

C629427

14118 S. Inglewood Avenue Hawthorne, California 90250 Phone (310) 679-9991 Fax (310) 679-9994

Secondary Containment Testing Report Form

This form is intended for use by contractors performing periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, written test procedures, and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	BANK OF THE WEST	Date of Testing:	10/16/2009
Facility Address:	1977 SATURN STREET, MONTEREY PARK CA 91755		
Facility Contact:	JOE	Phone:	323-727-3985
Date Local Agency Was Notified of Testing:	10/13/2009		
Name of Local Agency Inspector *(if present during testing)*:			

2. TESTING CONTRACTOR INFORMATION

Company Name:	PETCON TECHNOLOGIES, INC.		
Technician Conducting Test:	FERNANDO MARTINEZ		
Credentials:	☑ CSLB Licensed Contractor	☐ SWRCB Licensed Tank Tester	
License Type:	A, C-10, HAZMAT	License Number:	675998

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
2K TANK ANNULAR	■				FILL 1 - WEST DIESEL	■			
LINE 1- SUPPLY FROM EAST TANK	■				FILL 2 - EAST DIESEL	■			
LINE 2- SUPPLY FROM WEST TANK	■				FILL 3 - 2K	■			
LINE 3 - 2K RETURN LINE	■				BUCKET 1 - EAST TANK	■			
LINE 4 - WEST TANK VENT	■				BUCKET 2 -WEST TANK	■			
LINE 5 - EAST TANK VENT	■				BUCKET 3 - 2K	■			
LINE 6 - 2K VENT	■								
LINE 7 - DAY TANK SUPPLY	■								
LINE 8 - DAY TANK RETURN	■								
TURBINE 1 - WEST DIESEL	■								
TURBINE 2 - EAST DIESEL	■								
TURBINE 3 - 2K	■								

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements.

Technician's Signature: _____ Date: 10-16-09

4. TANK ANNULAR TESTING

Test Method Developed By:	☑ Tank Manufacturer	☐ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☑ Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: *McDaniel 4" Dial Gauge, Glycerin-Filled, 0-30"Hg*		Equipment Resolution: *+/-.50%*	

	Tank # 2K	Tank #	Tank #	Tank #
Is Tank Exempt From Testing?[1]	☐ Yes ■ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Tank Capacity:	2000 GALLONS			
Tank Material:	STEEL			
Tank Manufacturer:	MODERN WELD.			
Product Stored:				
Wait time between applying pressure/vacuum/water and starting test:	15 MINUTES			
Test Start Time	1:05PM			
Initial Reading (R_I):	10Hg			
Test End Time:	3:05PM			
Final Reading (R_F):	10Hg			
Test Duration:	*2 HOURS*			
Change in Reading ($R_F - R_I$):	0			
Pass/Fail Threshold or Criteria:	*10Hg*			
Test Result:	■ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**
Was sensor removed for testing?	■ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Was sensor properly replaced and verified functional after testing?	■ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] Secondary containment systems where the continuous monitoring automatically monitors both the primary and secondary containment, such as systems that are hydrostatically monitored or under constant vacuum, are exempt from periodic containment testing. [California Code of Regulations, Title 23, Section 2637(a)(6)]

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer	☑ Industry Standard	☐ Professional Engineer	
	☐ Other *(Specify)*			
Test Method Used:	☑ Pressure	☐ Vacuum	Hydrostatic	
	☐ Other *(Specify)*			
Test Equipment Used: *McDaniel 4" Dial Gauge, Glycerin-Filled, 0-15psi*		Equipment Resolution: *+/-.50%*		

	Piping Run # 1	Piping Run # 2	Piping Run # 4	Piping Run # 5
Piping Material:	FIBERGLASS	FIBERGLASS	FIBERGLASS	FIBERGLASS
Piping Manufacturer:	A.O. SMITH	A.O. SMITH	A.O. SMITH	A.O. SMITH
Piping Diameter:	3"	3"	3"	3"
Length of Piping Run:	90'	200'	80'	90'
Product Stored:				
Method and location of piping-run isolation:	3" TEST BOOT	3" TEST BOOT	3" TEST BOOT	3" TEST BOOT
Wait time between applying pressure/vacuum/water and starting test.	5 MINUTES	5 MINUTES	5 MINUTES	5 MINUTES
Test Start Time:	8:35AM	8:40AM	9:05AM	9:10AM
Initial Reading (R_I):	5.0 PSI	5.0 PSI	5.0 PSI	5.0 PSI
Test End Time:	10:35AM	10:40AM	11:05AM	11:10AM
Final Reading (R_F):	5.0 PSI	5.0 PSI	5.0 PSI	5.0 PSI
Test Duration:	*2 HOURS*	*2 HOURS*	*2 HOURS*	*2 HOURS*
Change in Reading (R_F-R_I):	0	0	0	0
Pass/Fail Threshold or Criteria	*5.0 psi*	*5.0 psi*	*5.0 psi*	*5.0 psi*
Test Result:	■ Pass ☐ Fail	■ Pass ☐ Fail	■ Pass ☐ Fail	■ Pass ☐ Fail

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer	☑ Industry Standard	☐ Professional Engineer	
	☐ Other *(Specify)*			
Test Method Used:	☑ Pressure	Vacuum	☐ Hydrostatic	
	☐ Other *(Specify)*			
Test Equipment Used: *McDaniel 4" Dial Gauge, Glycerin-Filled, 0-15psi*		Equipment Resolution: *+/-. 50%*		

	Piping Run # 3	Piping Run # 6	Piping Run # 7	Piping Run # 8
Piping Material:	FIBERGLASS	FIBERGLASS	FIBERGLASS	FIBERGLASS
Piping Manufacturer:	A.O. SMITH	A.O. SMITH	A.O. SMITH	A.O. SMITH
Piping Diameter:	3"	3"	3"	3"
Length of Piping Run:	200'	50'	50'	50'
Product Stored:				
Method and location of piping-run isolation:	3" TEST BOOT	3" TEST BOOT	3" TEST BOOT	3" TEST BOOT
Wait time between applying pressure/vacuum/water and starting test:	5 MINUTES	5 MINUTES	5 MINUTES	5 MINUTES
Test Start Time:	9:06AM	1:10PM	1:15PM	1:18PM
Initial Reading (R_I):	5.0 PSI	5.0 PSI	5.0 PSI	5.0 PSI
Test End Time:	11:06AM	3:10PM	3:15PM	3:18PM
Final Reading (R_F):	5.0 PSI	5.0 PSI	5.0 PSI	5.0 PSI
Test Duration:	*2 HOURS*	*2 HOURS*	*2 HOURS*	*2 HOURS*
Change in Reading (R_F-R_I):	0	0	0	0
Pass/Fail Threshold or Criteria:	*5.0 psi*	*5.0 psi*	*5.0 psi*	*5.0 psi*
Test Result:	■ Pass ☐ Fail	■ Pass ☐ Fail	■ Pass ☐ Fail	■ Pass ☐ Fail

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

6. PIPING SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer ☐ Other *(Specify)*	☑ Industry Standard	☐ Professional Engineer
Test Method Used:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	☑ Hydrostatic
Test Equipment Used: ***Incon TS-STS Sump Test System***		Equipment Resolution: ***+/- 0.0001***	

	Sump # WEST		Sump # EAST		Sump # 2K		Sump #	
Sump Diameter:	42"		42"		42"			
Sump Depth:	5'		5'		4'			
Sump Material:	FIBERGLASS		FIBERGLASS		FIBERGLASS			
Height from Tank Top to Top of Highest Piping Penetration:	21"		20"		25"			
Height from Tank Top to Lowest Electrical Penetration:	13"		14"		17"			
Condition of sump prior to testing:	GOOD		GOOD		GOOD			
Portion of Sump Tested[1]	25"		24"		29"			
Does turbine shut down when sump sensor detects liquid (both product and water)?*	☐ Yes ☐ No ■ NA		☐ Yes ☐ No ■ NA		☐ Yes ☐ No ■ NA			
Turbine shutdown response time	N/A		N/A		N/A			
Is system programmed for fail-safe shutdown?*	■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA			
Was fail-safe verified to be operational?*	☐ Yes ■ No ☐ NA		☐ Yes ■ No ☐ NA		☐ Yes ■ No ☐ NA			
Wait time between applying pressure/vacuum/water and starting test:	5 MINUTES		5 MINUTES		5 MINUTES			
Test Start Time:	9:32AM	9:49AM	9:32AM	9:49AM	12:02PM	12:18PM		
Initial Reading (R_I):	2.3990	2.3986	4.3918	4.3917	0.5073	0.5069		
Test End Time:	9:47AM	10:04AM	9:47AM	10:04AM	12:17PM	12:33PM		
Final Reading (R_F):	2.3987	2.3986	4.3916	4.3914	0.5072	0.5064		
Test Duration:	*(2) x 15min*		*(2) x 15min*		*(2) x 15min*			
Change in Reading ($R_F - R_I$):	-0.0003	-0.0000	-0.0002	-0.0003	-0.0001	-0.0005		
Pass/Fail Threshold or Criteria:	*-0.002*		*-0.002*		*-0.002*			
Test Result:	■ Pass ☐ Fail		■ Pass ☐ Fail		■ Pass ☐ Fail		☐ Pass ☐ Fail	
Was sensor removed for testing?	■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		☐ Yes ☐ No ☐ NA	
Was sensor properly replaced and verified functional after testing?	■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		☐ Yes ☐ No ☐ NA	

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] If the entire depth of the sump is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire sump must be tested. (See SWRCB LG-160)

8. FILL RISER CONTAINMENT SUMP TESTING

Facility is Not Equipped With Fill Riser Containment Sumps ☐

Fill Riser Containment Sumps are Present, but were Not Tested ☐

Test Method Developed By: ☐ Sump Manufacturer ☑ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*

Test Method Used: ☐ Pressure ☐ Vacuum ☑ Hydrostatic ☐ Other *(Specify)*

Test Equipment Used: *Incon TS-STS Sump Test System* Equipment Resolution: *+/- 0.0001*

	Fill Sump # WEST		Fill Sump # EAST		Fill Sump # 2K		Fill Sump #	
Sump Diameter:	42"		42"		42"			
Sump Depth:	5'		5'		5'			
Height from Tank Top to Top of Highest Piping Penetration:	20"		21"		25"			
Height from Tank Top to Lowest Electrical Penetration:	15"		17"		18"			
Condition of sump prior to testing:	GOOD		GOOD		GOOD			
Portion of Sump Tested	24"		27"		28"			
Sump Material:	FIBERGLASS		FIBERGLASS		FIBERGLASS			
Wait time between applying pressure/vacuum/water and starting test.	5 MINUTES		5 MINUTES		5 MINUTES			
Test Start Time:	10:50AM	11:08AM	10:50AM	11:08AM	12:02PM	12:18PM		
Initial Reading (R_I):	7.5439	7.5440	4.3692	4.3689	0.5073	2.1325		
Test End Time:	11:05AM	11:24AM	11:05AM	11:24AM	12:17PM	12:33PM		
Final Reading (R_F):	7.5439	7.5440	4.3689	4.3686	0.5072	2.1323		
Test Duration:	*(2) x 15min*		*(2) x 15min*		*(2) x 15min*			
Change in Reading (R_F-R_I)	-0.0000	-0.0000	-0.0003	-0.0003	-0.0001	-0.0002		
Pass/Fail Threshold or Criteria:	*-0.002*		*-0.002*		*-0.002*			
Test Result:	■ Pass ☐ Fail		■ Pass ☐ Fail		■ Pass ☐ Fail		☐ Pass	☐ Fail
Is there a sensor in the sump?	■ Yes ☐ No		■ Yes ☐ No		■ Yes ☐ No		☐ Yes	☐ No
Does the sensor alarm when either product or water is detected?	■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		☐ Yes	☐ No ☐ NA
Was sensor removed for testing?	■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		☐ Yes	☐ No ☐ NA
Was sensor properly replaced and verified functional after testing?	■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		☐ Yes	☐ No ☐ NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

9. SPILL/OVERFILL CONTAINMENT BOXES

Facility is Not Equipped With Spill/Overfill Containment Boxes ☐				
Spill/Overfill Containment Boxes are Present, but were Not Tested ☐				
Test Method Developed By:	☐ Spill Bucket Manufacturer	☑ Industry Standard	☐ Professional Engineer	
	☐ Other *(Specify)*			
Test Method Used:	☐ Pressure	☐ Vacuum	☐ Hydrostatic	
	☑ Other *(Specify)* VISUAL			
Test Equipment Used: *Incon ST-STS Sump Test System*		Equipment Resolution: *+/- 0.0001*		

	Spill Box # 1	Spill Box # 2	Spill Box # 3	Spill Box #
Bucket Diameter:	12"	12"	12"	
Bucket Depth:	15"	15"	15"	
Wait time between applying pressure/vacuum/water and starting test:	5 MINUTES	5 MINUTES	5 MINUTES	
Test Start Time:	12:30PM	12:32PM	12:35PM	
Initial Reading (R_i):	10"	11 ½"	9 ½"	
Test End Time:	1:30PM	1:32PM	1:35PM	
Final Reading (R_f):	10"	11 ½"	9 ½"	
Test Duration:	1 HOUR	1 HOUR	1 HOUR	
Change in Reading ($R_f - R_i$):	0	0	0	
Pass/Fail Threshold or Criteria:	*10"*	*11 ½"*	*9 ½"*	
Test Result:	■ Pass ☐ Fail	■ Pass ☐ Fail	■ Pass ☐ Fail	☐ Pass ☐ Fail

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

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Appendix VI

(Copies of Monitoring System Certification form and UST Monitoring Plot Plan available at http://www.waterboards.ca.gov.)

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: Bank Of The West Bldg. No.

Site Address: 1977 Saturn St. City: Monterey Park Zip: 91755

Facility Contact Person: Joe Contact Phone No.: (323) -727-3636

Make/Model of Monitoring System: Veeder-Root TLS350 Date of Testing/Servicing: 10/15/2010

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: WEST DIESEL 10K	Tank ID: 2K DIESEL
☑ In-Tank Gauging Probe. Model: MAG 1	☐ In-Tank Gauging Probe. Model:
☐ Annular Space or Vault Sensor. Model:	☑ Annular Space or Vault Sensor Model: 794390-357
☑ Piping Sump / Trench Sensor(s). Model: 794380-357	☑ Piping Sump / Trench Sensor(s). Mode: 794380-208
☑ Fill Sump Sensor(s). Model: 794390-208	☑ Fill Sump Sensor(s) Mode: 794390-208
☐ Mechanical Line Leak Detector Model:	☐ Mechanical Line Leak Detector. Mode
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
☐ Tank/Overfill / High-Level Sensor. Model:	☐ Tank/Overfill / High-Level Sensor. Model:
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID: EAST DIESEL 10K	Tank ID:
☑ In-Tank Gauging Probe Model: MAG 1	☐ In-Tank Gauging Probe. Model:
☐ Annular Space or Vault Sensor. Model:	☐ Annular Space or Vault Sensor Mode
☑ Piping Sump / Trench Sensor(s). Model: 794390-357	☐ Piping Sump / Trench Sensor(s). Model:
☑ Fill Sump Sensor(s). Model: 794390-208	☐ Fill Sump Sensor(s). Model:
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector Model:	☐ Electronic Line Leak Detector. Model:
☐ Tank/Overfill / High-Level Sensor Model:	☐ Tank/Overfill / High-Level Sensor. Model
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: DAY TANK 1-3	Dispenser ID:
☑ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☑ Shear Valve(s)	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s)	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	Dispenser ID:
☐ Dispenser Containment Sensor(s) Model:	☐ Dispenser Containment Sensor(s) Model:
☐ Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s)	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	Dispenser ID:
☐ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☐ Shear Valve(s).	☐ Shear Valve(s)
☐ Dispenser Containment Float(s) and Chain(s)	☐ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. **Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; (check all that apply):** ☑ System set-up ☐ Alarm history report

Technician Name (print): Rich Ruston Signature:

Certification No: A39930 License No: 517336

Testing Company Name: Orange County Tank Testing Phone No.: (714) 776-0300

Testing Company Address: 225 N. Loara Street, Anaheim, CA 92801 Date of Testing/Servicing: 10/15/2010

C672636

D. Results of Testing/Servicing

Software Version Installed: 9.0

Complete the following checklist:

✓ Yes	☐ No*	Is the audible alarm operational?
✓ Yes	☐ No*	Is the visual alarm operational?
✓ Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
✓ Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No* ✓ N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
☐ Yes	☐ No* ✓ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes, which sensors initiate positive shut-down? *(Check all that apply)* ☐ Sump/Trench Sensors; ☐ Dispenser Containment Sensors. Did you confirm positive shutdown due to leaks and sensor failure/disconnection? ☐ Yes* ☐ No.
☐ Yes	☐ No* ✓ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? ____ %
☐ Yes*	✓ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
☐ Yes*	✓ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product; ☐ Water. If yes, describe causes in Section E, below.
✓ Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable.
✓ Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

* In Section E below, describe how and when these deficiencies were or will be corrected.

E. Comments:

F. In-Tank Gauging / SIR Equipment:

☐ Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☑ Yes	☐ No*		Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☑ Yes	☐ No*		Were all tank gauging probes visually inspected for damage and residue buildup?
☑ Yes	☐ No*		Was accuracy of system product level readings tested?
☑ Yes	☐ No*		Was accuracy of system water level readings tested?
☑ Yes	☐ No*		Were all probes reinstalled properly?
☑ Yes	☐ No*		Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

G. Line Leak Detectors (LLD): ☑ Check this box if LLDs are not installed.

Complete the following checklist:

☐ Yes	☐ No* ☐ N/A		For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? (Check all that apply) Simulated leak rate: ☐ 3 g.p.h.; ☐ 0.1 g.p.h.; ☐ 0.2 g.p.h.
☐ Yes	☐ No*		Were all LLDs confirmed operational and accurate within regulatory requirements?
☐ Yes	☐ No*		Was the testing apparatus properly calibrated?
☐ Yes	☐ No* ☐ N/A		For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* ☐ N/A		For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* ☐ N/A		For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* ☐ N/A		For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* ☐ N/A		For electronic LLDs, have all accessible wiring connections been visually inspected?
☐ Yes	☐ No*		Were all items on the equipment manufacturer's maintenance checklist completed?

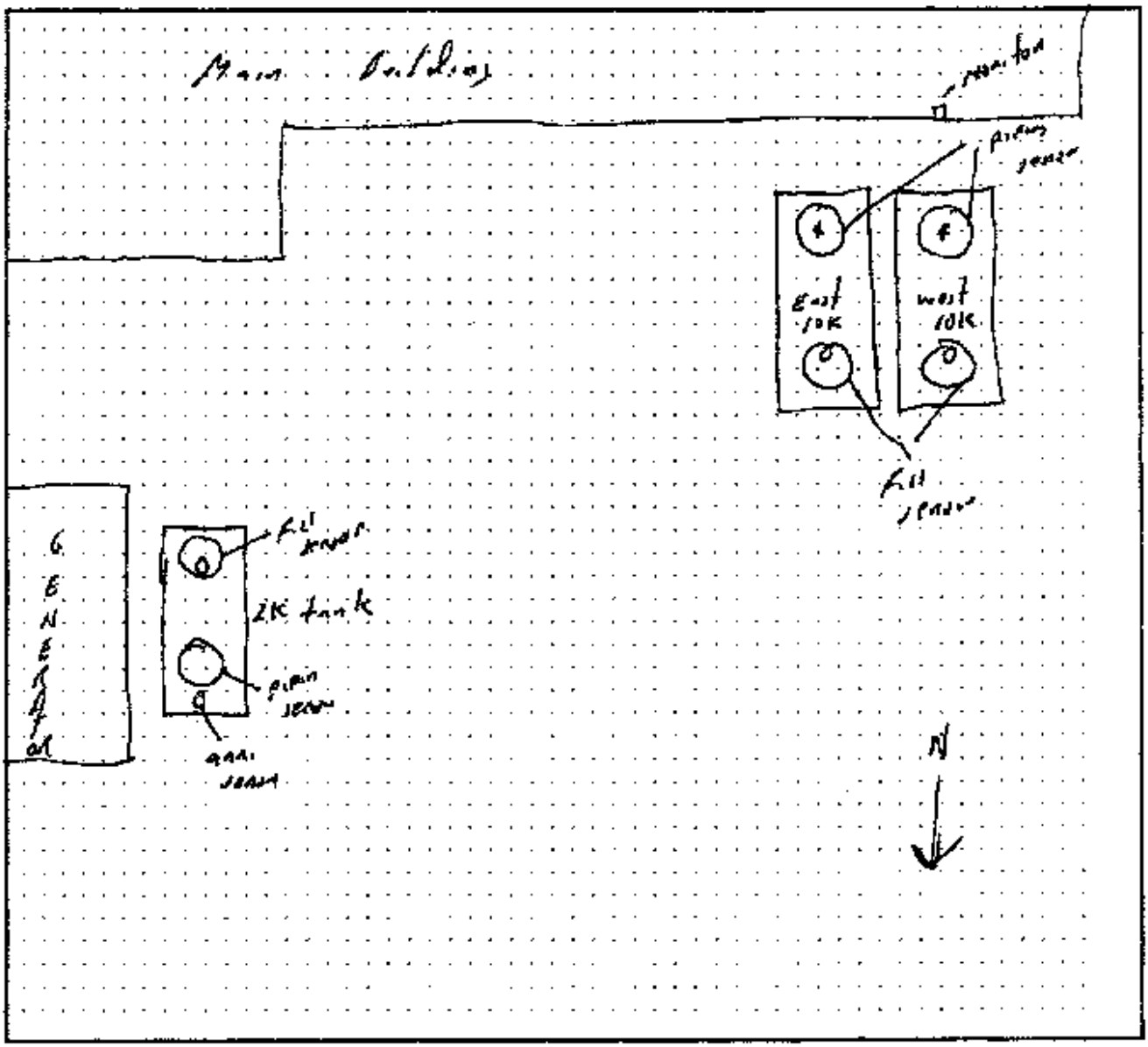
* In the Section H, below, describe how and when these deficiencies were or will be corrected.

H. Comments:

Double wall piping Suction System.

UST Monitoring Site Plan

Site Address: 1977 Safeway



Date map was drawn: 10/24/07

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name: Bank Of The West	Date of Testing: 10/15/2010
Facility Address: 1977 Saturn St.	
Facility Contact: Joe	Phone: 323-727-3836
Date Local Agency Was Notified of Testing:	
Name of Local Agency Inspector *(if present during testing)*: Ronnie Pappas	

2. TESTING CONTRACTOR INFORMATION

Company Name: ORANGE COUNTY TANK TESTING	
Technician Conducting Test: Rich Ruston	
Credentials[1]: ☐ CSLB Contractor ☑ ICC Service Tech. ☐ SWRCB Tank Tester ☐ Other *(Specify)*	
License Number(s): 517336	5246483-UT

3. SPILL BUCKET TESTING INFORMATION

Test Method Used: ☑ Hydrostatic ☐ Vacuum ☐ Other

Test Equipment Used: Visual C — Equipment Resolution:

	1	2	3	4
Identify Spill Bucket: *(By Tank Number, Stored Product, etc.)*	Diesel W.	Diesel E.	Diesel ZK	
Bucket Installation Type:	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☐ Contained in Sump
Bucket Diameter:	12"	12"	12"	
Bucket Depth:	15"	15"	15"	
Wait time between applying vacuum/water and start of test:	15 MIN.	15 MIN.	15 MIN.	15 MIN.
Test Start Time (T_i):	9:00A	9:00A	9:00A	
Initial Reading (R_i):	10"	9.5"	9¼"	
Test End Time (T_f):	10:00A	10:00A	10:00A	
Final Reading (R_f):	10"	9.5"	9¼"	
Test Duration ($T_f - T_i$):	1 HR	1 HR	1 HR	
Change in Reading ($R_f - R_i$):	-.00	-.00	-.00	
Pass/Fail Threshold or Criteria:	±.00	±.00	±.00	

Comments - *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature: _____ Date: 10/15/10

[1]State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirement may be more stringent.

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
MONITORING PLAN – (Page 1 of 2)

006994 – 007311
cont 6991145 / LTMP
6991143

TYPE OF ACTION ☒ 1. NEW PLAN ☐ 2. CHANGE OF INFORMATION 490-1

PLAN TYPE ☐ 1. MONITORING IS IDENTICAL FOR ALL USTs AT THIS FACILITY. 490-2
(Check one item only) ☒ 2. THIS PLAN COVERS ONLY THE FOLLOWING UST SYSTEM(S): 2,000 UST

I. FACILITY INFORMATION

FACILITY ID # (Agency Use Only) 3.

BUSINESS NAME (Same as FACILITY NAME) BANK OF THE WEST

BUSINESS SITE ADDRESS 1977 SATURN AVE 103 | CITY MONTEREY PARK 104

II. EQUIPMENT TESTING AND PREVENTIVE MAINTENANCE

Testing, preventive maintenance, and calibration of monitoring equipment (e.g., sensors, probes, line leak detectors, etc.) must be performed at the frequency specified by the equipment manufacturers' instructions, or annually, whichever is more frequent, and that such work must be performed by qualified personnel. (23 CCR §2632, 2634, 2638, 2641)

MONITORING EQUIPMENT IS SERVICED ☒ 1. ANNUALLY ☐ 99. OTHER (Specify): 490-3a 490-3b

III. MONITORING LOCATIONS

☐ 1. NEW SITE PLOT PLAN/MAP SUBMITTED WITH THIS PLAN. ☒ 2. SITE PLOT PLAN/MAP PREVIOUSLY SUBMITTED. (23 CCR §2632, 2634) 490-4

IV. TANK MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S):

☒ 1. CONTINUOUS ELECTRONIC TANK MONITORING OF ANNULAR (INTERSTITIAL) SPACE(S) OR SECONDARY CONTAINMENT VAULT(S) WITH AUDIBLE AND VISUAL ALARMS. (23 CCR §2632, 2634) 490-5
SECONDARY CONTAINMENT IS: ☒ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. UNDER VACUUM 490-6

PANEL MANUFACTURER: VEEDERROOT 490-7 | MODEL #: TLS350 490-8

LEAK SENSOR MANUFACTURER: V/R 490-9 | MODEL #(S): 794380-344 490-10

☐ 2. AUTOMATIC TANK GAUGING (ATG) SYSTEM USED TO MONITOR SINGLE WALL TANK(S). (23 CCR §2643) 490-11

PANEL MANUFACTURER: 490-12 | MODEL #: 490-13

IN-TANK PROBE MANUFACTURER: 490-14 | MODEL #(S): 490-15

LEAK TEST FREQUENCY: ☐ a. CONTINUOUS ☐ b. DAILY/NIGHTLY ☐ c. WEEKLY 490-16
☐ d. MONTHLY ☐ e. OTHER (Specify): 490-17

PROGRAMMED TESTS: ☐ a. 0.1 g.p.h ☐ b. 0.2 g.p.h. ☐ c. OTHER (Specify): 490-18 490-19

☐ 3. MONTHLY STATISTICAL INVENTORY RECONCILIATION (23 CCR §2646.1): 490-20

☐ 4. WEEKLY MANUAL TANK GAUGING (MTG) (23 CCR §2645). TESTING PERIOD: ☐ a. 36 HOURS ☐ b. 60 HOURS 490-21 490-22

☐ 5. TANK INTEGRITY TESTING (23 CCR §2643.1): 490-23
TEST FREQUENCY: ☐ a. ANNUALLY ☐ b. BIENNIALLY ☐ c. OTHER (Specify): 490-24 490-25

☐ 99. OTHER (Specify): 490-26 490-27

V. PIPE MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S) (Check all that apply)

☒ 1. CONTINUOUS MONITORING OF PIPE/ PIPING SUMP(S) AND OTHER SECONDARY CONTAINMENT WITH AUDIBLE AND VISUAL ALARMS. (23 CCR §2636) 490-28
SECONDARY CONTAINMENT IS: ☒ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. UNDER VACUUM 490-29

PANEL MANUFACTURER: VEEDERROOT 490-30 | MODEL #: TLS350 490-31

LEAK SENSOR MANUFACTURER: V/R 490-32 | MODEL #(S): 794380-208 490-33

PIPING LEAK ALARM TRIGGERS AUTOMATIC PUMP (i.e., TURBINE) SHUTDOWN. ☐ a. YES ☐ b. NO 490-34

FAILURE/DISCONNECTION OF THE MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☐ a. YES ☐ b. NO 490-35

☐ 2. MECHANICAL LINE LEAK DETECTOR (MLLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS AND RESTRICTS OR SHUTS OFF PRODUCT FLOW WHEN A LEAK IS DETECTED (23 CCR §2636) 490-36

MLLD MANUFACTURER(S): 490-37 | MODEL #(S): 490-38

☐ 3. ELECTRONIC LINE LEAK DETECTOR (ELLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS (23 CCR §2636) 490-39

ELLD MANUFACTURER(S) 490-43 | MODEL #(S): 490-41

PROGRAMMED IN LINE LEAK TEST: ☐ 1. MINIMUM MONTHLY 0.2 g.p.h. ☐ 2. MINIMUM ANNUAL 0.1 g.p.h. 490-42

ELLD DETECTION OF A PIPING LEAK TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☐ a. YES ☐ b. NO 490-43

ELLD FAILURE/DISCONNECTION TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☐ a. YES ☐ b. NO 490-44

☐ 4. PIPE INTEGRITY TESTING 490-45
TEST FREQUENCY ☐ a. ANNUALLY ☐ b. EVERY 3 YEARS ☐ c. OTHER (Specify) 490-46 490-47

☐ 5. VISUAL PIPE MONITORING. 490-48
FREQUENCY ☐ a. DAILY ☐ b. WEEKLY ☐ c. MIN. MONTHLY & EACH TIME SYSTEM OPERATED* 490-49
* Allowed for monitoring of unburied emergency generator fuel piping only per HSC §25281.5(b)(3)

☒ 6. SUCTION PIPING MEETS EXEMPTION CRITERIA [23 CCR §2636(a)(3)]. 490-50

☐ 7. NO REGULATED PIPING PER HEALTH AND SAFETY CODE, DIVISION 20, CHAPTER 6.7 IS CONNECTED TO THE TANK SYSTEM 490-51

☐ 99. OTHER (Specify) 490-52 490-53

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
MONITORING PLAN (Page 2 of 2)

VI. UNDER DISPENSER CONTAINMENT (UDC) MONITORING

1. UDC MONITORING IS PERFORMED USING THE FOLLOWING METHOD 490-54a 490-54b

☐ 1. CONTINUOUS ELECTRONIC MONITORING ☐ 2. FLOAT AND CHAIN ASSEMBLY ☐ 3. ELECTRONIC STAND-ALONE

☒ 4. NO DISPENSERS ☐ 99. OTHER (Specify):

PANEL MANUFACTURER: 490-55 | MODEL #: 490-56

LEAK SENSOR MANUFACTURER: 490-57 | MODEL #(S): 490-58

DETECTION OF A LEAK INTO THE UDC TRIGGERS AUDIBLE AND VISUAL ALARMS	☐ a. YES	☐ b. NO	490-59
UDC LEAK ALARM TRIGGERS AUTOMATIC PUMP SHUTDOWN	☐ a. YES	☐ b. NO	490-60
FAILURE / DISCONNECTION OF UDC MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN.	☐ a. YES	☐ b. NO	490-61
UDC MONITORING STOPS THE FLOW OF PRODUCT AT THE DISPENSER.	☐ a. YES	☐ b. NO	490-62

2. UDC CONSTRUCTION IS ☐ 1. SINGLE-WALLED ☐ 2. DOUBLE-WALLED 490-63

IF DOUBLE WALLED: 490-64a

UDC INTERSTITIAL SPACE IS MONITORED BY: ☐ 1. LIQUID ☐ 2. PRESSURE ☐ 3. VACUUM

A LEAK WITHIN THE SECONDARY CONTAINMENT OF THE UDC TRIGGERS AUDIBLE AND VISUAL ALARMS ☐ a. YES ☐ b. NO 490-64b

VII. PERIODIC SYSTEM TESTING

☐ 1. ELD TESTING: THIS FACILITY HAS BEEN NOTIFIED BY THE STATE WATER RESOURCES CONTROL BOARD THAT ENHANCED LEAK DETECTION (ELD) MUST BE PERFORMED. PERIODIC ELD IS PERFORMED EVERY 36 MONTHS AS REQUIRED. (23 CCR §2644.1) 490-65

☒ 2. SECONDARY CONTAINMENT COMPONENTS ARE TESTED EVERY 36 MONTHS. 490-66

☒ 3. SPILL BUCKETS ARE TESTED ANNUALLY. 490-67

VIII. RECORDKEEPING

The following monitoring/maintenance records are kept for this facility:

☒ Alarm logs 490-68a ☐ Visual Inspection Records 490-68b
☒ Tank integrity testing results 490-68c
☐ SIR testing results (and supporting documentation records). 490-68d
☒ Tank gauging results (and supporting documentation records). 490-68e
☒ ATG Testing results (and supporting documentation records). 490-68f
☐ Corrosion Protection 60-day logs 490-68g
☒ Equipment maintenance and calibration records. 490-68h

IX. TRAINING

☒ Personnel with UST monitoring responsibilities are familiar with all of the following documents relevant to their job duties. 490-69a

REFERENCE DOCUMENTS MAINTAINED AT FACILITY (Check all that apply)

☒ THIS UNDERGROUND STORAGE TANK MONITORING PLAN (Required) 490-69b
☒ OPERATING MANUALS FOR ELECTRONIC MONITORING EQUIPMENT (Required) 490-69c
☐ CALIFORNIA UNDERGROUND STORAGE TANK REGULATIONS 490-69d
☐ CALIFORNIA UNDERGROUND STORAGE TANK LAW 490-69e
☐ STATE WATER RESOURCES CONTROL BOARD (SWRCB) PUBLICATION: "HANDBOOK FOR TANK OWNERS - MANUAL AND STATISTICAL INVENTORY RECONCILIATION" 490-69f
☐ SWRCB PUBLICATION: "UNDERSTANDING AUTOMATIC TANK GAUGING SYSTEMS" 490-69g
☐ OTHER (Specify). M69h, M69i

☒ This facility has a "Designated UST Operator" who has passed the California UST System Operator Exam administered by the International Code Council (ICC). The "Designated UST Operator" will train facility employees in the proper operation and maintenance of the UST systems annually, and within 30 days of hire. This training will include, but is not limited to, the following:

- Operation of the UST systems in a manner consistent with the facility's best management practices
- The facility employee's role with regard to the monitoring equipment as specified in this UST Monitoring Plan
- The facility employee's role with regard to spills and overfills as specified in the UST Response Plan
- Names of contact person(s) for emergencies and monitoring alarms. 490-70

X. COMMENTS/ADDITIONAL INFORMATION

Provide additional comments here or indicate how many pages with additional information on specific monitoring procedures are attached to this plan. 490-71

MONITOR RESPONSE PLANS LOCATED AT VEEDERROOT TLS350

XI. PERSONNEL RESPONSIBILITIES

The UST Owner/Operator is responsible for ensuring that: 1) the daily/routine UST monitoring activities and maintenance of UST leak detection equipment covered by this plan occurs, 2) all conditions that indicate a possible release are investigated, and 3) all monitoring records are maintained properly.
The following person(s) are responsible for performing the monitoring and equipment maintenance.

NAME JOE ROBELO 490-72 TITLE CHIEF ENGINEER 490-73

NAME LUIS FAVELA 490-74 TITLE 490-75

The Designated Operator shall perform a monthly visual inspection of the facility, provide a report to the owner/operator, and inform the owner/operator of any conditions that need follow-up action

XII. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

APPLICANT SIGNATURE 490-76: x Trinidad Mossman

DATE 490-77: x 12-23-10

REPRESENTING: ☐ 1. Tank Owner/Operator ☐ 2. Facility Owner/Operator ☒ 3. Authorized Representative of Owner

APPLICANT NAME (print) 490-78: x TRINIDAD MOSSMAN

APPLICANT TITLE 490-79: x AVP, FACILITIES MGR

(Agency Use Only) This plan has been reviewed and: ☐ Approved ☐ Approved With Conditions

Local Agency Signature: _____ Date: _____
Comments or Special Conditions:

UST Monitoring Plan – Page 2 Instructions

Complete a separate UST Monitoring Plan for each UST monitoring system at the facility. This form must be submitted with your initial UST Operating Permit Application and within 30 days of changes in the information it contains. Please note that your local agency may require you to obtain approval prior to installing or modifying monitoring equipment. (Note: Numbering of these instructions follows the data element numbers on the form.)

490-54a. MONITORING OF THE UNDER DISPENSER CONTAINMENT- Indicate the method used for UDC monitoring.
490-54b. SPECIFY-If 99 "Other" is checked, describe other method used
If VI-1-1, VI-1-2 or VI-1-3 or VI-1-99 is checked, complete 490-55 to 490-64b.
490-55. PANEL MANUFACTURER –Enter the name of the manufacturer of the monitoring system control panel (console) If there is no control panel (e.g., only an electrical relay box is installed) leave this space blank.
490-56. MODEL # - Enter the model number for the monitoring system control panel (console). If there is no control panel (e.g., only an electrical relay box is installed) leave this
space blank
490-57. LEAK SENSOR MANUFACTURER – Enter the name of the manufacturer of the sensor(s).
490-58. MODEL #(S) - Enter the model number of the sensor(s) installed. If additional space is needed, use Section X.
490-59. DETECTION OF A LEAK INTO THE UDC TRIGGERS AUDIBLE AND VISUAL ALARMS. Indicate Yes or No
490-60. UDC LEAK ALARM TRIGGERS PUMP SHUTDOWN - Indicate Yes or No
490-61. FAILURE/DISCONNECTION OF UDC MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN - Indicate Yes or No
490-62. UDC MONITORING STOPS THE FLOW OF PRODUCT AT THE DISPENSER - Indicate Yes or No.
490-63. UDC CONSTRUCTION - Indicate if the construction of the UDC is single-walled, or double-walled.
490-64a. DOUBLE-WALLED INTERSTITIAL SPACE MONITORING - Indicate what is used to monitor the interstitial space.
490-64b. LEAK WITHIN THE SECONDARY CONTAINMENT OF UDC TRIGGERS AUDIBLE AND VISUAL ALARMS - Indicate Yes or No
490-65. VII-1 ELD TESTING - Check the box if you have been notified by the State Water Resources Control Board (SWRCB) that the UST(s) covered by this plan is/are subject to Enhanced Leak Detection Requirements (i.e., UST has any single-wall component and is located within 1,000 feet of a public drinking water well).
490-66. TESTING OF SECONDARY CONTAINMENT COMPONENTS EVERY 36 MONTHS - Check the box if you have secondary containment that requires testing.
490-67. SPILL BUCKET TESTING - Check the box if you have spill buckets.
490-68a-n. VIII RECORDKEEPING - Indicate which monitoring and equipment maintenance records are maintained for this facility.
490-69a IX TRAINING STATEMENT - Check the box to verify that the statement is true.
REFERENCE DOCUMENTS MAINTAINED AT FACILITY – Check the appropriate boxes to describe reference documents maintained at the facility. Note that the first two items on the list must be kept at the facility.
490-69b. MONITORING PLAN: Indicate that this plan is kept as a reference document.
490-69c. OPERATING MANUALS FOR ELECTRONIC EQUIPMENT: Indicate that this plan is kept as a reference document.
490-69d. CA UST REGULATIONS - Indicate that this is kept as a reference document.
490-69e. CA UST LAW - Indicate that this is kept as a reference document.
490-69f STATE WATER RESOURCES CONTROL BOARD (SWRCB) PUBLICATION - "HANDBOOK FOR TANK OWNERS - MANUAL AND STATISTICAL INVENTORY RECONCILIATION - Indicate that this is kept as a reference document.
490-69g SWRCB PUBLICATION: "UNDERSTANDING AUTOMATIC TANK GAUGING SYSTEMS": Indicate that this is kept as a reference document.
490-69h. OTHER - Indicate that other reference documents are kept.
490-69i SPECIFY If "OTHER" is checked, enter a brief description of the other document(s) maintained at the facility. If additional space is needed, see Section X.
490-70. DESIGNATED OPERATOR TRAINING - Check this box to verify that this statement is true.
490-71. COMMENTS/ADDITIONAL INFORMATION – Make additional comments or you may attach and identify the number of additional pages of information to describe any additional UST system monitoring-related information (e.g., additional information required by your local agency). Attach any monitoring logs that you will be using for the monitoring of your tank system.
490-72. NAME – Enter the name of the person who routinely conducts the monitoring and equipment maintenance under this plan.
490-73. TITLE - Enter the title of the person
490-74. NAME – Enter the name of the second person, if applicable, who routinely conducts the monitoring and equipment maintenance under this plan.
490-75. TITLE - Enter the title of the second person.
OWNER/OPERATOR SIGNATURE – The tank owner/operator, facility owner/operator, or an authorized representative of the owner shall sign in the space provided. This signature certifies that the signer believes that all information submitted is true, accurate, and complete, and that the training program specified in Section IX has been implemented
490-76. REPRESENTING – Check the appropriate box to indicate whether the signer is the UST owner/operator, the UST facility owner/operator, or an authorized representative of the owner.
490-77. DATE Enter the date the plan was signed.
490-78. APPLICANT NAME – Print or type the name of the person signing the plan.
490-79. APPLICANT TITLE – Enter the title of the person signing the plan.

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
MONITORING PLAN – (Page 1 of 2)

TYPE OF ACTION ☒ 1. NEW PLAN ☐ 2. CHANGE OF INFORMATION 490-1

PLAN TYPE (Check one item only) ☐ 1. MONITORING IS IDENTICAL FOR ALL USTs AT THIS FACILITY. 490-2
☒ 2. THIS PLAN COVERS ONLY THE FOLLOWING UST SYSTEM(S): 10,000 UST

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)* 1

BUSINESS NAME: (Same as FACILITY NAME) BANK OF THE WEST 3

BUSINESS SITE ADDRESS 1977 SATURN AVE 103. CITY MONTEREY PARK 104.

II. EQUIPMENT TESTING AND PREVENTIVE MAINTENANCE

Testing, preventive maintenance, and calibration of monitoring equipment (e.g., sensors, probes, line leak detectors, etc.) must be performed at the frequency specified by the equipment manufacturers' instructions, or annually, whichever is more frequent, and that such work must be performed by qualified personnel. (23 CCR §2632, 2634, 2638, 2641)

MONITORING EQUIPMENT IS SERVICED ☒ 1. ANNUALLY ☐ 99. OTHER (Specify): 490-3a 490-3b

III. MONITORING LOCATIONS

☐ 1. NEW SITE PLOT PLAN/MAP SUBMITTED WITH THIS PLAN. ☒ 2. SITE PLOT PLAN/MAP PREVIOUSLY SUBMITTED. **(23 CCR §2632, 2634)** 490-4

IV. TANK MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S):

☐ 1. **CONTINUOUS ELECTRONIC TANK MONITORING OF ANNULAR (INTERSTITIAL) SPACE(S) OR SECONDARY CONTAINMENT VAULT(S) WITH AUDIBLE AND VISUAL ALARMS. (23 CCR §2632, 2634)** 490-5

SECONDARY CONTAINMENT IS: ☐ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. UNDER VACUUM 490-6

PANEL MANUFACTURER: 490-7 MODEL #: 490-8

LEAK SENSOR MANUFACTURER: 490-9 MODEL #(S): 490-10

☒ 2. **AUTOMATIC TANK GAUGING (ATG) SYSTEM USED TO MONITOR SINGLE WALL TANK(S). (23 CCR §2643)** 490-11

PANEL MANUFACTURER: **VEEDERROOT** 490-12 MODEL #: **TLS350** 490-13

IN-TANK PROBE MANUFACTURER: **V/R** 490-14 MODEL #(S): **MAG 1** 490-15

LEAK TEST FREQUENCY: ☐ a. CONTINUOUS ☐ b. DAILY/NIGHTLY ☐ c. WEEKLY 490-16
☒ d. MONTHLY ☐ e. OTHER (Specify): 490-17

PROGRAMMED TESTS: ☐ a. 0.1 g.p.h. ☒ b. 0.2 g.p.h. ☐ c. OTHER (Specify): 490-18 490-19

☐ 3. **MONTHLY STATISTICAL INVENTORY RECONCILIATION (23 CCR §2646.1):** 490-20

☐ 4. **WEEKLY MANUAL TANK GAUGING (MTG) (23 CCR §2645).** TESTING PERIOD: ☐ a. 36 HOURS ☐ b. 60 HOURS 490-21 490-22

☐ 5. **TANK INTEGRITY TESTING (23 CCR §2643.1):** 490-23
TEST FREQUENCY: ☐ a. ANNUALLY ☐ b. BIENNIALLY ☐ c. OTHER (Specify): 490-24 490-25

☐ 99. **OTHER** (Specify): 490-26 490-27

V. PIPE MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S) (Check all that apply)

☒ 1. **CONTINUOUS MONITORING OF PIPE/ PIPING SUMP(S) AND OTHER SECONDARY CONTAINMENT WITH AUDIBLE AND VISUAL ALARMS. (23 CCR §2636)** 490-28

SECONDARY CONTAINMENT IS: ☒a. DRY ☐b. LIQUID FILLED ☐c. PRESSURIZED ☐d. UNDER VACUUM 490-29

PANEL MANUFACTURER: **VEEDERROOT** 490-30 MODEL #: **TLS350** 490-31

LEAK SENSOR MANUFACTURER: **V/R** 490-32 MODEL #(S): **794380-351** 490-33

PIPING LEAK ALARM TRIGGERS AUTOMATIC PUMP (i.e., TURBINE) SHUTDOWN. ☐ a. YES ☐ b. NO 490-34

FAILURE/DISCONNECTION OF THE MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☐ a. YES ☐ b. NO 490-35

☐ 2. **MECHANICAL LINE LEAK DETECTOR (MLLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS AND RESTRICTS OR SHUTS OFF PRODUCT FLOW WHEN A LEAK IS DETECTED (23 CCR §2636)** 490-36

MLLD MANUFACTURER(S): 490-37 MODEL #(S): 490-38

☐ 3. **ELECTRONIC LINE LEAK DETECTOR (ELLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS (23 CCR §2636)** 490-39

ELLD MANUFACTURER(S) 490-40 MODEL #(S): 490-41

PROGRAMMED IN LINE LEAK TEST: ☐ 1. MINIMUM MONTHLY 0.2 g.p.h. ☐ 2. MINIMUM ANNUAL 0.1 g.p.h. 490-42

ELLD DETECTION OF A PIPING LEAK TRIGGERS AUTOMATIC PUMP SHUTDOWN ☐ a. YES ☐ b. NO 490-43

ELLD FAILURE/DISCONNECTION TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☐ a. YES ☐ b. NO 490-44

☐ 4. **PIPE INTEGRITY TESTING** 490-45
TEST FREQUENCY ☐ a. ANNUALLY ☐ b. EVERY 3 YEARS ☐ c. OTHER (Specify) 490-46 490-47

☐ 5. **VISUAL PIPE MONITORING.** 490-48
FREQUENCY ☐ a. DAILY ☐ b. WEEKLY ☐ c. MIN. MONTHLY & EACH TIME SYSTEM OPERATED* 490-49
* Allowed for monitoring of unburied emergency generator fuel piping only per HSC §25281.5(b)(3)

☒ 6. **SUCTION PIPING MEETS EXEMPTION CRITERIA [23 CCR §2636(a)(3)].** 490-50

☐ 7. **NO REGULATED PIPING PER HEALTH AND SAFETY CODE, DIVISION 20, CHAPTER 6.7 IS CONNECTED TO THE TANK SYSTEM** 490-51

☐ 99. **OTHER** (Specify) 490-52 490-53

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
MONITORING PLAN (Page 2 of 2)

VI. UNDER DISPENSER CONTAINMENT (UDC) MONITORING

1. UDC MONITORING IS PERFORMED USING THE FOLLOWING METHOD 490-54a 490-54b

☐ 1. CONTINUOUS ELECTRONIC MONITORING ☐ 2. FLOAT AND CHAIN ASSEMBLY ☐ 3. ELECTRONIC STAND-ALONE
☒ 4. NO DISPENSERS ☐ 99. OTHER (Specify):

PANEL MANUFACTURER: 490-55a | MODEL #: 490-55b

LEAK SENSOR MANUFACTURER: 490-57 | MODEL #(S): 490-58

DETECTION OF A LEAK INTO THE UDC TRIGGERS AUDIBLE AND VISUAL ALARMS	☐ a. YES	☐ b. NO 490-59
UDC LEAK ALARM TRIGGERS AUTOMATIC PUMP SHUTDOWN	☐ a. YES	☐ b. NO 490-60
FAILURE / DISCONNECTION OF UDC MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN.	☐ a. YES	☐ b. NO 490-61
UDC MONITORING STOPS THE FLOW OF PRODUCT AT THE DISPENSER.	☐ a. YES	☐ b. NO 490-62

2. UDC CONSTRUCTION IS ☐ 1. SINGLE-WALLED ☐ 2. DOUBLE-WALLED 490-63

IF DOUBLE WALLED: 490-64a
UDC INTERSTITIAL SPACE IS MONITORED BY: ☐ 1. LIQUID ☐ 2. PRESSURE ☐ 3. VACUUM

A LEAK WITHIN THE SECONDARY CONTAINMENT OF THE UDC TRIGGERS AUDIBLE AND VISUAL ALARMS ☐ a. YES ☐ b. NO 490-64b

VII. PERIODIC SYSTEM TESTING

☐ 1. ELD TESTING: THIS FACILITY HAS BEEN NOTIFIED BY THE STATE WATER RESOURCES CONTROL BOARD THAT ENHANCED LEAK DETECTION (ELD) MUST BE PERFORMED. PERIODIC ELD IS PERFORMED EVERY 36 MONTHS AS REQUIRED. (23 CCR §2644.1) 490-65

☒ 2. SECONDARY CONTAINMENT COMPONENTS ARE TESTED EVERY 36 MONTHS 490-66

☒ 3. SPILL BUCKETS ARE TESTED ANNUALLY. 490-67

VIII. RECORDKEEPING

The following monitoring/maintenance records are kept for this facility:

☒ Alarm logs 490-68a ☐ Visual Inspection Records 490-68b ☒ Tank integrity testing results 490-68c
☐ SIR testing results (and supporting documentation records). 490-68d ☒ Tank gauging results (and supporting documentation records). 490-68e
☒ ATG Testing results (and supporting documentation records). 490-68f ☐ Corrosion Protection 60-day logs 490-68g
☒ Equipment maintenance and calibration records. 490-68h

IX. TRAINING

☒ Personnel with UST monitoring responsibilities are familiar with all of the following documents relevant to their job duties. 490-69a

REFERENCE DOCUMENTS MAINTAINED AT FACILITY (Check all that apply)

☒ THIS UNDERGROUND STORAGE TANK MONITORING PLAN (Required) 490-69b
☒ OPERATING MANUALS FOR ELECTRONIC MONITORING EQUIPMENT (Required) 490-69c
☐ CALIFORNIA UNDERGROUND STORAGE TANK REGULATIONS 490-69d
☐ CALIFORNIA UNDERGROUND STORAGE TANK LAW 490-69e
☐ STATE WATER RESOURCES CONTROL BOARD (SWRCB) PUBLICATION, "HANDBOOK FOR TANK OWNERS - MANUAL AND STATISTICAL INVENTORY RECONCILIATION" 490-69f
☐ SWRCB PUBLICATION: "UNDERSTANDING AUTOMATIC TANK GAUGING SYSTEMS" 490-69g
☐ OTHER (Specify): M69h, M69i

☒ This facility has a "Designated UST Operator" who has passed the California UST System Operator Exam administered by the International Code Council (ICC). The "Designated UST Operator" will train facility employees in the proper operation and maintenance of the UST systems annually, and within 30 days of hire. This training will include, but is not limited to, the following

- Operation of the UST systems in a manner consistent with the facility's best management practices
- The facility employee's role with regard to the monitoring equipment as specified in this UST Monitoring Plan
- The facility employee's role with regard to spills and overfills as specified in the UST Response Plan
- Names of contact person(s) for emergencies and monitoring alarms. 490-70

X. COMMENTS/ADDITIONAL INFORMATION

Provide additional comments here or indicate how many pages with additional information on specific monitoring procedures are attached to this plan. 490-71
MONITOR RESPONSE PLANS LOCATED AT VEEDERROOT TLS350

XI. PERSONNEL RESPONSIBILITIES

The UST Owner/Operator is responsible for ensuring that: 1) the daily/routine UST monitoring activities and maintenance of UST leak detection equipment covered by this plan occurs, 2) all conditions that indicate a possible release are investigated, and 3) all monitoring records are maintained properly.
The following person(s) are responsible for performing the monitoring and equipment maintenance:

NAME JOE ROBELO 490-72 TITLE CHIEF ENGINEER 490-73

NAME LUIS PAVELA 490-74 TITLE 490-75

The Designated Operator shall perform a monthly visual inspection of the facility, provide a report to the owner/operator, and inform the owner/operator of any conditions that need follow-up action.

XII. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

APPLICANT SIGNATURE 490-76: x Trinidad Mossman
DATE 490-77: x 12-23-10

REPRESENTING: ☐ 1. Tank Owner/Operator ☐ 2. Facility Owner/Operator ☒ Authorized Representative of Owner

APPLICANT NAME (print) 490-78: x TRINIDAD MOSSMAN
APPLICANT TITLE 490-79: x AVP, FACILITIES MGR

(Agency Use Only) This plan has been reviewed and: ☐ Approved ☐ Approved With Conditions

Local Agency Signature: _____ Date: _____

Comments or Special Conditions:

UST Monitoring Plan – Page 2 Instructions

Complete a separate UST Monitoring Plan for each UST monitoring system at the facility. This form must be submitted with your initial UST Operating Permit Application and within 30 days of changes in the information it contains. Please note that your local agency may require you to obtain approval prior to installing or modifying monitoring equipment. (Note: Numbering of these instructions follows the data element numbers on the form.)

490-54a. MONITORING OF THE UNDER DISPENSER CONTAINMENT- Indicate the method used for UDC monitoring.
490-54b. SPECIFY-If 99 "Other" is checked, describe other method used.
If VI-1-1, VI-1-2 or VI-1-3 or VI-1-99 is checked, complete 490-55 to 490-64h
490-55. PANEL MANUFACTURER –Enter the name of the manufacturer of the monitoring system control panel (console). If there is no control panel (e.g., only an electrical relay box is installed) leave this space blank.
490-56. MODEL # - Enter the model number for the monitoring system control panel (console). If there is no control panel (e.g., only an electrical relay box is installed) leave this
space blank.
490-57. LEAK SENSOR MANUFACTURER – Enter the name of the manufacturer of the sensor(s).
490-58. MODEL #(S) – Enter the model number of the sensor(s) installed. If additional space is needed, use Section X.
490-59. DETECTION OF A LEAK INTO THE UDC TRIGGERS AUDIBLE AND VISUAL ALARMS. Indicate Yes or No
490-60. UDC LEAK ALARM TRIGGERS PUMP SHUTDOWN - Indicate Yes or No
490-61. FAILURE/DISCONNECTION OF UDC MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN - Indicate Yes or No
490-62. UDC MONITORING STOPS THE FLOW OF PRODUCT AT THE DISPENSER - Indicate Yes or No.
490-63. UDC CONSTRUCTION - Indicate if the construction of the UDC is single-walled, or double-walled.
490-64a DOUBLE-WALLED INTERSTITIAL SPACE MONITORING - Indicate what is used to monitor the interstitial space.
490-64b LEAK WITHIN THE SECONDARY CONTAINMENT OF UDC TRIGGERS AUDIBLE AND VISUAL ALARMS - Indicate Yes or No
490-65. VII-1 ELD TESTING - Check the box if you have been notified by the State Water Resources Control Board (SWRCB) that the UST(s) covered by this plan is/are subject to Enhanced Leak Detection Requirements (i.e., UST has any single-wall component and is located within 1,000 feet of a public drinking water well).
490-66. TESTING OF SECONDARY CONTAINMENT COMPONENTS EVERY 36 MONTHS - Check the box if you have secondary containment that requires testing.
490-67. SPILL BUCKET TESTING - Check the box if you have spill buckets.
490-68a-h. VIII RECORDKEEPING -Indicate which monitoring and equipment maintenance records are maintained for this facility.
490-69a IX TRAINING STATEMENT - Check the box to verify that the statement is true.
REFERENCE DOCUMENTS MAINTAINED AT FACILITY – Check the appropriate boxes to describe reference documents maintained at the facility. Note that the first two items on the list must be kept at the facility.
490-69b. MONITORING PLAN: Indicate that this plan is kept as a reference document.
490-69c. OPERATING MANUALS FOR ELECTRONIC EQUIPMENT; Indicate that this plan is kept as a reference document
490-69d CA UST REGULATIONS - Indicate that this is kept as a reference document.
490-69e CA UST LAW - Indicate that this is kept as a reference document.
490-69f STATE WATER RESOURCES CONTROL BOARD (SWRCB) PUBLICATION - "HANDBOOK FOR TANK OWNERS - MANUAL AND STATISTICAL INVENTORY RECONCILIATION - Indicate that this is kept as a reference document.
490-69g. SWRCB PUBLICATION, "UNDERSTANDING AUTOMATIC TANK GAUGING SYSTEMS": Indicate that this is kept as a reference document
490-69h. OTHER - Indicate that other reference documents are kept
490-69i. SPECIFY-If "OTHER" is checked, enter a brief description of the other document(s) maintained at the facility. If additional space is needed, see Section X.
490-70. DESIGNATED OPERATOR TRAINING - Check this box to verify that this statement is true.
490-71. COMMENTS/ADDITIONAL INFORMATION – Make additional comments or you may attach and identify the number of additional pages of information to describe any additional UST system monitoring-related information (e.g., additional information required by your local agency). Attach any monitoring logs that you will be using for the monitoring of your tank system
490-72. NAME – Enter the name of the person who routinely conducts the monitoring and equipment maintenance under this plan
490-73. TITLE - Enter the title of the person.
490-74. NAME – Enter the name of the second person, if applicable, who routinely conducts the monitoring and equipment maintenance under this plan.
490-75. TITLE - Enter the title of the second person.
OWNER/OPERATOR SIGNATURE - The tank owner/operator, facility owner/operator, or an authorized representative of the owner shall sign in the space provided. This signature certifies that the signer believes that all information submitted is true, accurate, and complete, and that the training program specified in Section IX has been implemented.
490-76. REPRESENTING – Check the appropriate box to indicate whether the signer is the UST owner/operator, the UST facility owner/operator, or an authorized representative of the owner.
490-77. DATE – Enter the date the plan was signed
490-78. APPLICANT NAME – Print or type the name of the person signing the plan.
490-79. APPLICANT TITLE – Enter the title of the person signing the plan

OC CUPA
1241 E. Dyer Road Ste 120
Santa Ana, CA 92705
Tel: (714) 433-6000
Fax: (714) 754-1760
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UNIFIED PROGRAM CONSOLIDATED FORM

UNDERGROUND STORAGE TANKS

RESPONSE PLAN – PAGE 1

(one page per site)

R01

TYPE OF ACTION ☑ 1. NEW PLAN ☐ 2. CHANGE OF INFORMATION

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)* 3 0 – | | | – | | | | | | R02.

FACILITY NAME BANK OF THE WEST

FACILITY SITE ADDRESS R03 1977 SATURN AVE

CITY R04 MONTEREY PARK

II. SPILL CONTROL AND CLEANUP METHODS

This plan addresses unauthorized releases from UST systems and supplements the emergency response plans and procedures in the facility's Hazardous Materials Business Plan.

- If safe to do so, facility personnel will take immediate measures to control or stop any release (e.g., activate pump shut-off, etc.) and, if necessary, safely remove to maintain hazardous material from the UST system.
- Any release to secondary containment will be pumped or otherwise removed within a time consistent with the ability of the secondary containment system to contain the hazardous material, but not greater than 30 calendar days, or sooner if required by the local agency. Recovered hazardous materials, unless still suitable for their intended use, will be managed as hazardous waste.
- Absorbent material will be used to contain and clean up manageable spills of hazardous materials. Absorbent material may be reused until it becomes too saturated to be effective. It will then be managed properly. Used absorbent material, reusable or waste, will be stored in a properly labeled and sealed container.
- Facility personnel will determine whether or not any water removed from secondary containment systems, or from clean-up activity, has been in contact with any hazardous material. If the water is contaminated, it will be managed as hazardous waste. If the water has a petroleum sheen (i.e., rainbow colors), it is contaminated. A thick floating petroleum layer may not necessarily display rainbow colors. Water (hazardous or non-hazardous) from sumps, spill containers, etc. will not be disposed to storm water systems.
- We will review secondary containment systems for possible deterioration if any of the following conditions occur:
  1. Hazardous material in contact with secondary containment is not compatible with the material used for secondary containment;
  2. Secondary containment is prone to damage from any equipment used to remove or clean up hazardous material collected in secondary containment;
  3. Hazardous material, other than the product/waste stored in the primary containment system, is placed inside secondary containment to treat or neutralize released product/waste, and the added material or resulting material from such a combination is not compatible with secondary containment.

III. SPILL CONTROL AND CLEAN-UP EQUIPMENT

PERIODIC MAINTENANCE: Spill control and clean-up equipment kept permanently on-site is listed in the facility's Hazardous Materials Business Plan. This equipment is inspected at least monthly, and after each use, and supplies are replenished as needed. Defective equipment is repaired or replaced as necessary.

EQUIPMENT NOT PERMANENTLY ON SITE, BUT AVAILABLE FOR USE IF NEEDED: (Complete only if applicable)

EQUIPMENT	LOCATION	AVAILABILITY
R10.	R20.	R30.
R11.	R21.	R31.
R12.	R22.	R32.
R13.	R23.	R33.
R14.	R24.	R34.
R15.	R25.	R35.

IV. RESPONSIBLE PERSONS

THE FOLLOWING PERSON(S) IS/ARE RESPONSIBLE FOR AUTHORIZING ANY WORK NECESSARY UNDER THIS RESPONSE PLAN:

NAME	TITLE
R40. X TRINIDAD MOSEMAN	R50. X AVP, FACILITIES MANAGER
R41. X JOE REBELO	R51. X CHIEF ENGINEER
R42.	R52.
R43.	R53.

V. INDIRECT HAZARD DETERMINATION

This information is required only when the presence of the hazardous substance can not be determined directly by the monitoring method used (e.g., where liquid level measurements in a tank annular space or secondary piping are used as the basis for leak determination).

THE FOLLOWING STEPS WILL BE TAKEN TO DETERMINE THE PRESENCE OR ABSENCE OF HAZARDOUS SUBSTANCE IN THE SECONDARY CONTAINMENT IF MONITORING INDICATES A POSSIBLE UNAUTHORIZED RELEASE:

R60.

OC CUPA
1241 E. Dyer Road Ste 120
Santa Ana, CA 92705
Tel: (714) 433-6000
Fax: (714) 754-1768
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UNIFIED PROGRAM CONSOLIDATED FORM

UNDERGROUND STORAGE TANKS RESPONSE PLAN – PAGE 2

(one page per site)

VI. LEAK INTERCEPTION AND DETECTION SYSTEM

This information is required only for motor vehicle fuel UST systems constructed per the Alternate Construction Requirements of 23 CCR §2633, and only if the Leak Interception and Detection System (LIDS) does not meet the volumetric requirements of 23 CCR §2631(d)(1) through (5) (i.e., when accounting for rainfall and backfill material, the secondary containment volume is less than 100% of primary tank volume for a single UST; or in the case of multiple USTs in shared secondary containment, 150% of the largest primary tank volume or 10% of aggregate primary tank volume, whichever is greater).

ATTACH AN ADDITIONAL PAGE TO THIS PLAN CONTAINING THE FOLLOWING INFORMATION:

- The volume of the LIDS in relation to the volume of the primary container;
- The amount of time the LIDS shall provide containment related to the time between detection of an unauthorized release and cleanup of the leaked substance;
- The depth from the bottom of the LIDS to the highest anticipated level of groundwater;
- The nature of the unsaturated soils under the LIDS and their ability to absorb contaminants or to allow movement of contaminants;
- The methods and scheduling for removal of all hazardous substances which may have been discharged from primary containment and are located in the unsaturated soils between the primary containment and groundwater, including the LIDS sump.

VII. REPORTING AND RECORD KEEPING

We will report/record any overfill, spill, or unauthorized release from a UST system as indicated in this plan.

Recordable Releases: Any unauthorized release from primary containment which the UST operator is able to clean up within eight (8) hours after the release was detected or should reasonably have been detected, and which does not escape from secondary containment, does not increase the hazard of fire or explosion, and does not cause any deterioration of secondary containment, must be recorded in the facility's monitoring records. Monitoring records must include:

- The UST operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous substances released;
- A description of the actions taken to control and clean up the release;
- The method and location of disposal of the released hazardous substances, and whether a hazardous waste manifest was or will be used;
- A description of actions taken to repair the UST and to prevent future releases;
- A description of the method used to reactivate interstitial monitoring after replacement or repair of primary containment.

Reportable Releases: Any overfill, spill, or unauthorized release which escapes from secondary containment (or primary containment if no secondary containment exists), increases the hazard of fire or explosion, or causes any deterioration of secondary containment, is a reportable release. Reportable releases are also recordable.

Within 24 hours after a reportable release has been detected, or should have been detected, we will notify the local agency administering the UST program of the release, investigate the release, and take immediate measures to stop the release. If necessary, or if required by the local agency, remaining stored product/waste will be removed from the UST to prevent further releases or facilitate corrective action. If an emergency exists, we will notify the State Office of Emergency Services.

Within five (5) working days of a reportable release, we will submit to the local agency a full written report containing all of the following information to the extent that the information is known at the time of filing the report:

- The UST owner's or operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous materials released;
- The approximate date of the release;
- The date on which the release was discovered;
- The date on which the release was stopped;
- A description of actions taken to control and/or stop the release;
- A description of corrective and remedial actions, including investigations which were undertaken and will be conducted to determine the nature and extent of soil, ground water or surface water contamination due to the release;
- The method(s) of cleanup implemented to date, proposed cleanup actions, and a schedule for implementing the proposed actions;
- The method(s) and location(s) of disposal of released hazardous materials and any contaminated soils, groundwater, or surface water;
- Copies of any hazardous waste manifests used for off-site transport of hazardous wastes associated with clean-up activity;
- A description of proposed methods for any repair or replacement of UST system primary/secondary containment systems;
- A description of additional actions taken to prevent future releases.

We will follow the reporting procedures described above if any of the following conditions occur:

- A recordable unauthorized release can not be cleaned up or is still under investigation within eight (8) hours of detection;
- Released hazardous substances are discovered at the UST site or in the surrounding area;
- Unusual operating conditions are observed, including erratic behavior of product dispensing equipment, sudden loss of product, or the unexplained presence of water in the tank, unless system equipment is found to be defective and is immediately repaired or replaced, and no leak has occurred;
- Monitoring results from UST system monitoring equipment/methods indicate that a release may have occurred, unless the monitoring equipment is found to be defective and is immediately repaired, recalibrated, or replaced, and additional monitoring does not confirm the initial results.

Record Retention: Monitoring records and written reports of unauthorized releases must be maintained on-site (or off-site at a readily available location, if approved by the local agency) for at least 3 years. Hazardous waste shipping/disposal records (e.g., manifests) must be maintained for at least 3 years from the date of shipment.

VIII. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

OWNER/OPERATOR SIGNATURE R70	DATE R70
X Trinidad Mossman	X 12-23-10
OWNER/OPERATOR NAME (print) R71	OWNER/OPERATOR TITLE R72
X TRINIDAD MOSSMAN	X AVP, FACILITIES MANAGER

(Agency Use Only) This plan has been reviewed and: ☐ Approved ☐ Approved With Conditions ☐ Disapproved

Local Agency Signature: _____ Date: _____

6994 - 7311

Owner Statements of Designated Underground Storage Tank (UST) Operator and Understanding of and Compliance with UST Requirements

Facility Name: Bank of The West	Facility ID #:
Facility Address: Bank of The West 1977 Saturn St Monterey Park, Ca 91755	Reason for Submitting this Form *(Check One)* Change of Designated Operator X Update Certificate Expiration Date
Facility Phone #: 323-727-3636	

Designated UST Operator(s) for this Facility

PRIMARY

Designated Operator's Name: MARTIN SCHWARTZ	Relation to UST Facility *(Check One)*
Business Name ORANGE COUNTY TANK TESTING INC	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: 714-776-0500	☐ Service Technician X Third-Party
International Code Council Certification #: 5311570-UC	Expiration Date: 10/30/12

ALTERNATE 1 *(Optional)*

Designated Operator's Name: RICHARD RUSTON	Relation to UST Facility *(Check One)*
Business Name *(If different from above)*: OCTT	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: 7140776-0300	☐ Service Technician X Third-Party
International Code Council Certification #: 5246183 UC	Expiration Date: 10/22/12

ALTERNATE 2 *(Optional)*

Designated Operator's Name: TONY JONES	Relation to UST Facility *(Check One)*
Business Name *(If different from above)*: OCTT	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: 714-776-0300	☐ Service Technician X Third-Party
International Code Council Certification #: 5252936-UC	Expiration Date: 1-06-13

I certify that, for the facility indicated at the top of this page, the individual(s) listed above will serve as Designated UST Operator(s). The individual(s) will conduct and document monthly facility inspections and annual facility employee training, in accordance with California Code of Regulations, title 23, section 2715(c) - (f).

Furthermore, I understand and am in compliance with the requirements (statutes, regulations, and local ordinances) applicable to underground storage tanks.

NAME OF TANK OWNER (PleasePrint): ~~Bob Shaklin~~ Thadd Mossman

SIGNATURE OF TANK OWNER: Thaddeus Mossman

DATE: 11-02-10 OWNER'S PHONE #: 323 727 3017

NOTE: 1) SUBMIT THIS COMPLETED FORM TO THE LOCAL AGENCY (NOT THE STATE WATER RESOURCES CONTROL BOARD) BY JANUARY 1, 2005. THE LOCAL AGENCY LIST IS AVAILABLE AT: www.waterboards.ca.gov/ust/contacts/cupa_agys.html.

2) NOTIFY THE LOCAL AGENCY OF ANY CHANGES TO THIS INFORMATION WITHIN 30 DAYS OF THE CHANGE.

RECEIVED
FEB 03 2011
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS

November 2004

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CTES

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Appendix VI

(Copies of Monitoring System Certification form and UST Monitoring Plot Plan available at http://www.waterboards.ca.gov.)

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: Bank Of The West Bldg No:

Site Address: 1977 Saturn St. City: Monterey Park Zip: 91755

Facility Contact Person: Joe Contact Phone No.: (323) -727-3636

Make/Mode of Monitoring System: Veeder-Root TLS 350 Date of Testing/Servicing: 10/7/2011

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: #1 DIESEL EAST

- ■ In-Tank Gauging Probe. Model: MAG1
- □ Annular Space or Vault Sensor. Model:
- ■ Piping Sump / Trench Sensor(s). Model: 794380-208
- ■ Fill Sump Sensor(s). Model: 794380-208
- □ Mechanical Line Leak Detector Model:
- □ Electronic Line Leak Detector. Model:
- ■ Tank/Overfill / High-Level Sensor Mode: Flapper Valve
- □ Other (specify equipment type and model in Section E on Page 2).

Tank ID: #3 2K DIESEL

- □ In-Tank Gauging Probe Model:
- ■ Annular Space or Vault Sensor. Model: 794380-344
- ■ Piping Sump / Trench Sensor(s). Model: 794380-208
- ■ Fill Sump Sensor(s). Model: 794380-208
- □ Mechanical Line Leak Detector. Model:
- □ Electronic Line Leak Detector Model:
- □ Tank/Overfill / High-Level Sensor Model:
- □ Other (specify equipment type and model in Section E on Page 2).

Tank ID: #2 DIESEL WEST

- ■ In-Tank Gauging Probe. Model: MAG 1
- □ Annular Space or Vault Sensor. Model:
- ■ Piping Sump / Trench Sensor(s). Model: 794380-351
- ■ Fill Sump Sensor(s). Model: 794380-208
- □ Mechanical Line Leak Detector Model:
- □ Electronic Line Leak Detector Model:
- ■ Tank/Overfill / High-Level Sensor Model: Flapper Valve
- □ Other (specify equipment type and model in Section E on Page 2).

Tank ID:

- □ In-Tank Gauging Probe. Model
- □ Annular Space or Vault Sensor. Model:
- □ Piping Sump / Trench Sensor(s). Model:
- □ Fill Sump Sensor(s). Model:
- □ Mechanical Line Leak Detector. Model:
- □ Electronic Line Leak Detector Model:
- □ Tank/Overfill / High-Level Sensor. Model:
- □ Other (specify equipment type and model in Section E on Page 2).

Dispenser ID: DAY TANK

- ■ Dispenser Containment Sensor(s) Model:
- □ Shear Valve(s)
- □ Dispenser Containment Float(s) and Chain(s).

Dispenser ID:

- □ Dispenser Containment Sensor(s) Model
- □ Shear Valve(s).
- □ Dispenser Containment Float(s) and Chain(s)

Dispenser ID:

- □ Dispenser Containment Sensor(s). Model:
- □ Shear Valve(s).
- □ Dispenser Containment Float(s) and Chain(s).

Dispenser ID:

- □ Dispenser Containment Sensor(s). Model:
- □ Shear Valve(s).
- □ Dispenser Containment Float(s) and Chain(s)

Dispenser ID:

- □ Dispenser Containment Sensor(s). Model:
- □ Shear Valve(s).
- □ Dispenser Containment Float(s) and Chain(s).

Dispenser ID:

- □ Dispenser Containment Sensor(s). Model:
- □ Shear Valve(s).
- □ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C 695033

C. **Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; (check all that apply):** ■ **System set-up** ■ **Alarm history report**

Technician Name (print): Rich Ruston Signature:

Certification No.: 5246183-vt A30050 License No.: 517336

Testing Company Name: Orange County Tank Testing Phone No.: (714) 776-0300

Testing Company Address: 225 N. Loara Street, Anaheim, CA 92801 Date of Testing/Servicing: 10/7/2011

D. Results of Testing/Servicing

Software Version Installed: 9.0

Complete the following checklist:

✔ Yes	No*	Is the audible alarm operational?
✔ Yes	No*	Is the visual alarm operational?
✔ Yes	No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
✔ Yes	No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
Yes	No* ✔ N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
Yes	No* ✔ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* Sump/Trench Sensors; Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? Yes; No.
Yes	No* ✔ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? %
Yes*	✔ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
✔ Yes*	No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* Product; Water. If yes, describe causes in Section E, below.
✔ Yes	No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
✔ Yes	No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. **Comments:**

Small Amount of Water Removed at time of Inspection.

F. In-Tank Gauging / SIR Equipment:

Check this box if tank gauging is used only for inventory control.
Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

✓ Yes	No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
✓ Yes	No*	Were all tank gauging probes visually inspected for damage and residue buildup?
✓ Yes	No*	Was accuracy of system product level readings tested?
✓ Yes	No*	Was accuracy of system water level readings tested?
✓ Yes	No*	Were all probes reinstalled properly?
✓ Yes	No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD): ✓ Check this box if LLDs are not installed.

Complete the following checklist:

Yes	No* N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: : 3 g.p.h.; : 0.1 g.p.h ; 0.2 g.p.h.
Yes	No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
Yes	No*	Was the testing apparatus properly calibrated?
Yes	No* N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
Yes	No* N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
Yes	No* N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
Yes	No* N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
Yes	No* N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
Yes	No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments:

Double Wall Suction System

SWRCB. January 2006

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency

1. FACILITY INFORMATION

Facility Name: Bank Of The West	Date of Testing: 10/7/2011
Facility Address: 1977 Saturn St.	
Facility Contact: Joe	Phone: 323-727-3636
Date Local Agency Was Notified of Testing:	
Name of Local Agency Inspector *(if present during testing)*: WARREN WATANABE	

2. TESTING CONTRACTOR INFORMATION

Company Name: ORANGE COUNTY TANK TESTING
Technician Conducting Test: Rich Ruston
Credentials [1]: ☐ CSLB Contractor ■ ICC Service Tech. ☐ SWRCB Tank Tester ☐ Other *(Specify)*
License Number(s): 517336 UT

3. SPILL BUCKET TESTING INFORMATION

Test Method Used: ■ Hydrostatic ☐ Vacuum ☐ Other

Test Equipment Used: VISUAL — Equipment Resolution:

Identify Spill Bucket: *(By Tank Number, Stored Product, etc.)*	1 WEST FILL	2 EAST FILL	3 2K FILL	4
Bucket Installation Type:	☐ Direct Bury ■ Contained in Sump	☐ Direct Bury ■ Contained in Sump	☐ Direct Bury ■ Contained in Sump	☐ Direct Bury ☐ Contained in Sump
Bucket Diameter:	12"	12"	12"	
Bucket Depth:	15"	15"	15"	
Wait time between applying vacuum/water and start of test:	15 MIN.	15 MIN.	15 MIN.	15 MIN.
Test Start Time (T_I):	9:00A	9:00A	9:00A	
Initial Reading (R_I):	9.75"	9.5"	9.00"	
Test End Time (T_F):	10:00A	10:00A	10:00A	
Final Reading (R_F):	9.75"	9.5"	9.00"	
Test Duration ($T_F - T_I$):	1HR.	1HR.	1HR	
Change in Reading ($R_F - R_I$):	-.00	-.00	-.00	
Pass/Fail Threshold or Criteria:	±.00	±.00	±.00	
Test Result:	■ Pass ☐ Fail	■ Pass ☐ Fail	■ Pass ☐ Fail	☐ Pass ☐ Fail

Comments - *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

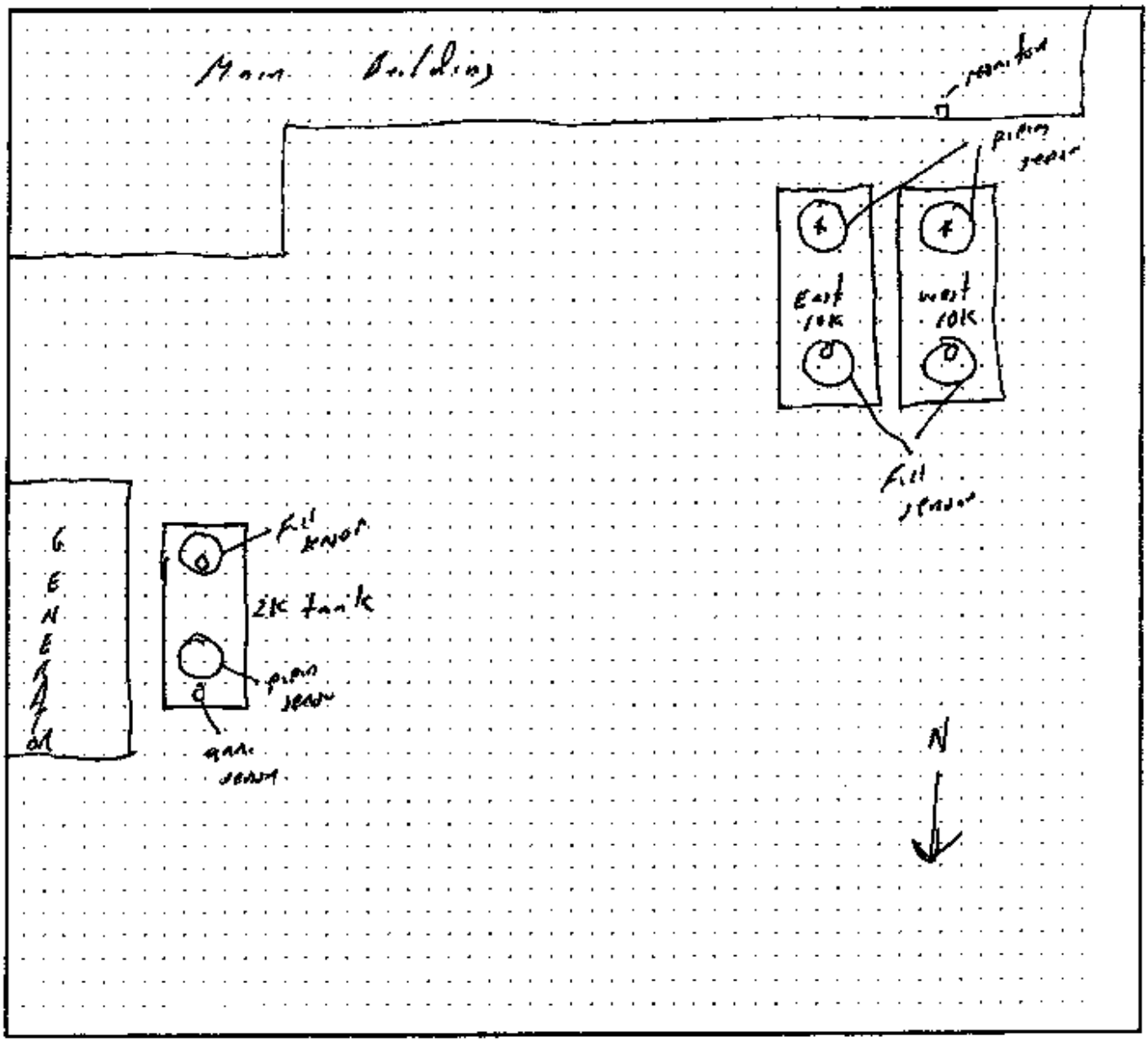
I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature: _____ Date: 10/7/11

[1] State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirement

UST Monitoring Site Plan

Site Address: 1977 Safeway



Date map was drawn: 10/24/07

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

Orange County Tank Testing Inc.
225 N. Loara
Anaheim, Ca 92801
714-776-0300
Fax 714-778-5105

9-26-11

To: COUNTY OF L. A. / CUPA

Attn: JOE BAIOCCO

From: Larry Henry

Job Site: Bank of the West
1977 Saturn St.
Monterey Park, Ca 91755

ANNUAL MONITOR & OVERSPILL BUCKET TEST

10-07-11 @ 9:00AM

Please Confirm

Faxed 1 Page

006994 - 007311 C729707 CT51

VI

Appendix VI

(Copies of Monitoring System Certification form and UST Monitoring Plot Plan available at http://www.waterboards.ca.gov)

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code, Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification/report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A General Information

Facility Name: Bank Of The West Bldg. No:

Site Address: 1977 Saturn St City: Monterey Park Zip: 91755

Facility Contact Person: Joe Rebolo Contact Phone No: (323) 727-3636

Make/Model of Monitoring System: VEEDER-ROOT TLS350 Date of Testing/Servicing: 10/12/2012

B Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced

Tank ID: #1 Fast Diesel	Tank ID: #2 Diesel
✓ In-Tank Gauging Probe. Model: MAG 1	In-Tank Gauging Probe Model: 794380-349
Annular Space or Vault Sensor Model:	✓ Annular Space or Vault Sensor Model: 794380-208
✓ Piping Sump / Trench Sensor(s). Model: 794380-357	✓ Piping Sump / Trench Sensor(s) Model: 794380-208
✓ Fill Sump Sensor(s) Model: 794380-208	✓ Fill Sump Sensor(s) Model: 794380-208
Mechanical Line Leak Detector Model:	Mechanical Line Leak Detector Model:
Electronic Line Leak Detector Model:	Electronic Line Leak Detector Mode:
✓ Tank Overfill / High-Level Sensor Model: Flapper Valve	Tank Overfill / High-Level Sensor: Mode:
Other (specify equipment type and model in Sec. D or E on Page 2).	Other (specify equipment type and model in Section D on Page 2)
Tank ID: #2 West Diesel	**Tank ID:**
✓ In-Tank Gauging Probe. Model: MAG 1	In-Tank Gauging Probe Model:
Annular Space or Vault Sensor Model:	Annular Space or Vault Sensor Model:
✓ Piping Sump / Trench Sensor(s) Model: 794380-357	Piping Sump / Trench Sensor(s) Model:
✓ Fill Sump Sensor(s) Model: 794380-208	Fill Sump Sensor(s) Model:
Mechanical Line Leak Detector Model:	Mechanical Line Leak Detector Model:
Electronic Line Leak Detector Model:	Electronic Line Leak Detector Model:
✓ Tank Overfill / High-Level Sensor Model: Flapper Valve	Tank Overfill / High-Level Sensor Model:
Other (specify equipment type and model in Section D on Page 2).	Other (specify equipment type and model in Section D on Page 2).
Dispenser ID: DAY TANK 1-3	**Dispenser ID:**
✓ Dispenser Containment Sensor(s). Mode: Float Switch Shear Valve(s) Dispenser Containment Float(s) and Chain(s).	Dispenser Containment Sensor(s) Model: Shear Valve(s) Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	**Dispenser ID:**
Dispenser Containment Sensor(s). Mode: Shear Valve(s) Dispenser Containment Float(s) and Chain(s).	Dispenser Containment Sensor(s). Model: Shear Valve(s). Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	**Dispenser ID:**
Dispenser Containment Sensor(s). Mode: Shear Valve(s) Dispenser Containment Float(s) and Chain(s).	Dispenser Containment Sensor(s). Model: Shear Valve(s) Dispenser Containment Float(s) and Chain(s).

If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report (check all that apply): System set-up Alarm history report

Technician Name (print): Rich Rusnon Signature:

Certification No: 5245183-vt License No: 517336

Testing Company Name: Orange County Tank Testing Phone No: (714) 776-0300

Testing Company Address: 225 N. Logre Street, Anaheim, CA 92801 Date of Testing/Servicing: 10/12/2012

D. Results of Testing/Servicing

Software Version Installed: 9.00

Complete the following checklist:

✓ Yes	No*	Is the audible alarm operational?
✓ Yes	No*	Is the visual alarm operational?
✓ Yes	No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
✓ Yes	No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
Yes	No* ✓ N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
Yes	No* ✓ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes, which sensors initiate positive shutdown? (Check all that apply) Sump/Trench Sensors; Dispenser Containment Sensors. Did you confirm positive shutdown due to leaks and sensor failure/disconnection? Yes No
Yes	No* ✓ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? %
Yes*	✓ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
✓ Yes*	No	Was liquid found inside any secondary containment systems designed as dry systems? (Check all that apply) Product; ✓ Water. If yes, see Section E, below.
✓ Yes	No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set-up reports, if applicable.
✓ Yes	No*	Is all monitoring equipment operational per manufacturer's specifications?

* In Section E below, describe how and when these deficiencies were or will be corrected.

E. Comments:

* Small Amount of Liquid found in 2K Diesel Tank. Removed at time of Inspection.

* Overfill Probes tested with Sump test on this date

F. In-Tank Gauging / SIR Equipment: ☐ Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

✓ Yes ☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?	
✓ Yes ☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?	
✓ Yes ☐ No*	Was accuracy of system product level readings tested?	
✓ Yes ☐ No*	Was accuracy of system water level readings tested?	
✓ Yes ☐ No*	Were all probes reinstalled properly?	
✓ Yes ☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?	

*In the Section H, below, describe how and when these deficiencies were or will be corrected.

G. Line Leak Detectors (LLD): ✓ Check this box if LLDs are not installed.

Complete the following checklist:

☐ Yes	☐ No* ☐ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? (Check all that apply) Simulated leak rate: ☐ 3 g.p.h. ☐ 0.1 g.p.h. ☐ 0.2 g.p.h.
☐ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☐ Yes	☐ No*	Was the testing apparatus properly calibrated?
☐ Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

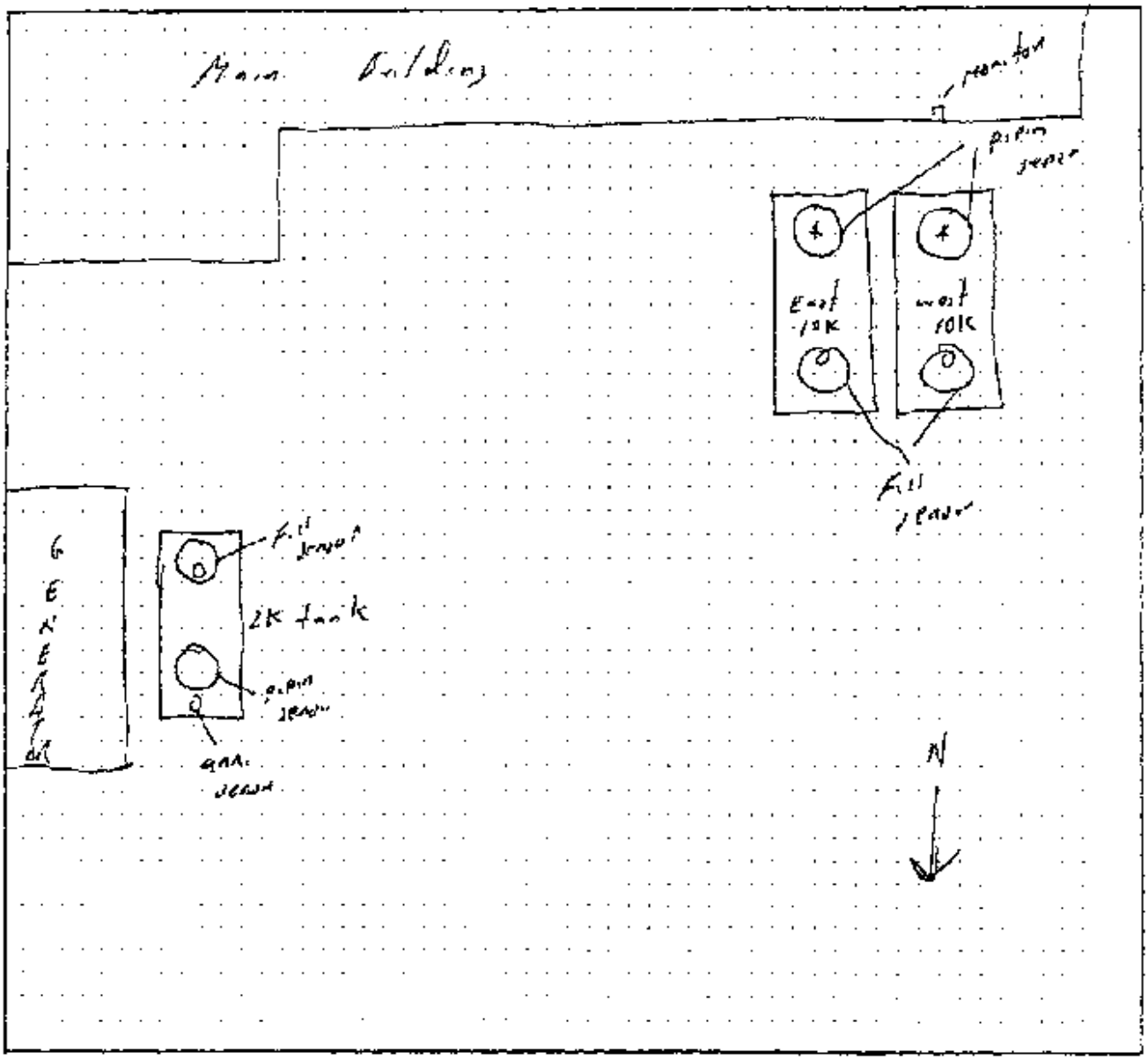
*In the Section H, below, describe how and when these deficiencies were or will be corrected.

H. Comments:

Double Wall Suction System.

UST Monitoring Site Plan

Site Address: 1977 Safeway



Date map was drawn: 10/24/07

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

Secondary Containment Testing Report Form

This form is intended for use by contractors performing periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, written test procedures, and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	Bank of the West	Date of Testing:	10/12/12
Facility Address:	1977 Saturn St, Monterey Park, CA 91755		
Facility Contact:		Phone:	
Date Local Agency Was Notified of Testing :		8/31/12 Notification # 3832	
Name of Local Agency Inspector *(if present during testing)*		Miguel Cervantes LA County Public Works	

2. TESTING CONTRACTOR INFORMATION

Company Name:	Clean Air Testing		
Technician Conducting Test:	Steven Loara		
Credentials:	x CSLB Licensed Contractor	SWRCB Licensed Tank Tester	
License Type:	C61 D40	License Number: 474291	

NOV 2012

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires
ICC	California Service Tech – 8122800-UT	4/14/14
INCON	Level 4 Sump Test System – 559 163703	4/20/14

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
W. Diesel Fill Bucket	X				2K Annular	X			
W. Diesel Fill Sump	X				2K Fill Sump		X		
W. Diesel STP Sump	X				2K STP Sump	X			
W. Diesel Secondary Supply	X				2K Sec.Supply to Day Tank	X			
W. Diesel Secondary Vent	X				2K Sec Return from Day Tank	X			
W. Diesel Secondary Return	X				2K Fill Bucket	X			
E. Diesel Fill Bucket	X				2K Vent Secondary	X			
E. Diesel Fill Sump	X								
E. Diesel STP Sump		X							
E. Diesel Secondary Supply	X								
E. Diesel Secondary Vent	X								
E. Diesel Secondary Return	X								

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

Water kept in trailer mounted tank for re-use

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: _____ Date: 10/12/12

4. TANK ANNULAR TESTING

Test Method Developed By:	☐ Tank Manufacturer	x Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	x Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: Liquid filled vacuum gauge		Equipment Resolution: 0 to-30 Hg	1/10

	Tank 2K Diesel	Tank DSL West	Tank DSL East	Tank
Is Tank Exempt From Testing?	No	Yes	Yes	
Tank Capacity:	2,000	Single Wall	Single Wall	
Tank Material:	Steel/FRP			
Tank Manufacturer:	Modern Welding			
Product Stored:	Diesel			
Wait time between applying pressure/vacuum/water and starting test:	10 Min			
Test Start Time:	12:00			
Initial Reading (R_I):	-10.1 HG			
Test End Time:	1:00			
Final Reading (R_F):	-10.1 HG			
Test Duration:	1 Hr			
Change in Reading (R_F-R_I):	0			
Pass/Fail Threshold or Criteria:	0			
Test Result:	Pass	NA	NA	
Was sensor removed for testing?	Yes			
Was sensor properly replaced and verified functional after testing?	Yes			

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] Secondary containment systems where the continuous monitoring automatically monitors both the primary and secondary containment, such as systems that are hydrostatically monitored or under constant vacuum, are exempt from periodic containment testing. (California Code of Regulations, Title 23, Section 2637(a)(6))

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer	x Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	x Pressure	☐ Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: Liquid filled pressure gauge		Equipment Resolution: 0-15 Psi 1/10	

	West supply	East Supply	West Return	East Return
Piping Material:	Fiberglass	Fiberglass	Fiberglass	Fiberglass
Piping Manufacturer:	AO Smith	AO Smith	AO Smith	AO Smith
Piping Diameter:	3"	3"	3"	3"
Length of Piping Run:	100 ft	100 ft	120 ft	120ft
Product Stored:	Diesel	Diesel	Diesel	diesel
Method and location of piping-run isolation:	W. Diesel STP Pressure	East Diesel STP Pressure	W Diesel STP Pressure	E. Diesel STP Pressure
Wait time between applying pressure/vacuum/water and starting test:	10 min	10 min	10 min	10 min
Test Start Time:	8:30	8:30	8:30	8:30
Initial Reading (R_I):	5.5 PSI	5.5 PSI	5.2 PSI	5.0 PSI
Test End Time:	9:30	9:30	9:30	9:30
Final Reading (R_F):	5.5 PSI	5.5PSI	5.2 PSI	5.0 PSI
Test Duration:	1 hour	1 hour	1 hour	1 hour
Change in Reading (R_F-R_I):	0	0	0	0
Pass/Fail Threshold or Criteria:	0	0	0	0
Test Result:	**Pass**	**Pass**	**Pass**	**Pass**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer	x Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	x Pressure	☐ Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: Liquid filled pressure gauge		Equipment Resolution: 0-15 Psi 1/10	

	East Vent	West Vent	2K Vent	
Piping Material:	Fiberglass	Fiberglass	fiberglass	
Piping Manufacturer:	AO Smith	AO Smith	AO Smith	
Piping Diameter:	3 inch	3 Inch	3 Inch	
Length of Piping Run:	100 ft	100 ft	50ft	
Product Stored:	Diesel	Diesel	Diesel	
Method and location of piping-run isolation:	Pressure E Fill Sump	Pressure W Fill Sump	Pressure 2 K fill sump	
Wait time between applying pressure/vacuum/water and starting test:	15 min	15 min	15 min	
Test Start Time:	9:30	9:30	9:30	
Initial Reading (R_I):	5.2 PSI	5.1 PSI	5.5 PSI	
Test End Time:	10:30	10:30	10:30	
Final Reading (R_F):	5.2 PSI	5.1 PSI	5.5 PSI	
Test Duration:	1 hour	1 hour	1 hour	
Change in Reading (R_F-R_I):	0	0	0	
Pass/Fail Threshold or Criteria:	0	0	0	
Test Result:	**Pass**	**Pass**	**Pass**	

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer	x Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	x Pressure	☐ Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: Liquid filled pressure gauge		Equipment Resolution: 0-15 Psi 1/10	

	2 K supply	2 K return		
Piping Material:	Fiberglass	Fiberglass		
Piping Manufacturer:	AO Smith	AO Smith		
Piping Diameter:	3 Inch	3 Inch		
Length of Piping Run:	50 ft	50 ft		
Product Stored:	Diesel	Diesel		
Method and location of piping-run isolation:	Pressure 2k STP Sump	Pressure 2k STP Sump		
Wait time between applying pressure/vacuum/water and starting test:	15 min	15 min		
Test Start Time:	11:30	11:30		
Initial Reading (R_I):	5.4 PSI	5.0 PSI		
Test End Time:	12:30	12:30		
Final Reading (R_F):	5.4 PSI	5.0 PSI		
Test Duration:	1 hour	1 hour		
Change in Reading (R_F–R_I):	0	0		
Pass/Fail Threshold or Criteria:	0	0		
Test Result	**Pass**	**Pass**		

Comments — *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

6. PIPING SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer	x Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☐ Vacuum	x Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: INCON TS-STS			Equipment Resolution: .0001

	Sump # W. DSL		Sump # E. Diesel		Sump # 2k DSL		
Sump Diameter:	40"		40"		40"		
Sump Depth:	70"		76"		50"		
Sump Material:	Fiberglass		Fiberglass		Fiberglass		
Height from Tank Top to Top of Highest Piping Penetration:	22"		24"		22"		
Height from Tank Top to Lowest Electrical Penetration:	16"		18"		19"		
Condition of sump prior to testing:	Fair		Fair		Fair		
Portion of Sump Tested[2]	2" Above Highest Penetration						
Does turbine shut down when sump sensor detects liquid (both product and water)?*	Yes		Yes		Yes		
Turbine shutdown response time	NA		NA		NA		
Is system programmed for fail-safe shutdown?*	NA		NA		NA		
Was fail-safe verified to be operational?*	NA		NA		NA		
Wait time between applying pressure/vacuum/water and starting test:	10 Min		10 Min		10 Min		
Test Start Time:	9:53	10:09	9:53	10:09	11:53	12:10	
Initial Reading (R_I):	5.4237	5.4235	5.1692	5.1417	4.4065	4.4057	
Test End Time:	10:08	10:24	10:08	10:24	12:09	12:26	
Final Reading (R_F):	5.4235	5.4240	5.1465	5.1170	4.4050	4.4045	
Test Duration:	15 Min	15 Min	15 Min	15 Min	15 Min	15 Min	
Change in Reading (R_F-R_I):	-.0002	.0005	-.0227	-.0247	-.0005	-.0012	
Pass/Fail Threshold or Criteria:	+/-.002		+/-.002		+/-.002		
Test Results	Pass		Fail		Pass		
Was sensor removed for testing?	Yes		Yes		Yes		
Was sensor properly replaced and verified functional after testing?	Yes		Yes		Yes		

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

E Diesel STP Needs 3 Penetrations- 1 Piping & 2-Electrical Fittings. Permit, Repairs, and Re-test required.

[2] If the entire depth of the sump is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire sump must be tested. (See SWRCB LG-160)

7. UNDER-DISPENSER CONTAINMENT (UDC) TESTING

Test Method Developed By:	☐ UDC Manufacturer ☐ Other *(Specify)*	x Industry Standard	☐ Professional Engineer
Test Method Used:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	x Hydrostatic
Test Equipment Used: INCON TS-STS			Equipment Resolution: .0001

	UDC #	UDC #	UDC#	UDC#
UDC Manufacturer:				
UDC Material:				
UDC Depth:				
Height from UDC Bottom to Top of Highest Piping Penetration:				
Height from UDC Bottom to Lowest Electrical Penetration:				
Condition of UDC prior to testing:				
Portion of UDC Tested[3]	2" Above Highest Penetration			
Does turbine shut down when UDC sensor detects liquid (both product and water)?*				
Turbine shutdown response time				
Is system programmed for fail-safe shutdown?*				
Was fail-safe verified to be operational?*				
Wait time between applying pressure/vacuum/water and starting test				
Test Start Time: Initial Reading (R_I):				
Test End Time: Final Reading (R_F):				
Test Duration:				
Change in Reading (R_F-R_I):				
Pass/Fail Threshold or Criteria:				
Test Result:				
Was sensor removed for testing?				
Was sensor properly replaced and verified functional after testing?				

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

NO UDC's

[3] If the entire depth of the UDC is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire UDC must be tested. (See SWRCB LG-160)

8. FILL RISER CONTAINMENT SUMP TESTING

Facility is Not Equipped With Fill Riser Containment Sumps ☐			
Fill Riser Containment Sumps are Present, but were Not Tested ☐			
Test Method Developed By:	☐ Sump Manufacturer ☐ Other *(Specify)*	x Industry Standard	☐ Professional Engineer
Test Method Used:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	x Hydrostatic
Test Equipment Used: INCON TS-STS			Equipment Resolution: .0001

	Fill Sump # W DSL		Fill Sump # R DSL		Fill Sump #2kDSL		Fill Sump #
Sump Diameter:	38"		38"		38"		
Sump Depth:	69"		70"		50"		
Height from Tank Top to Top of Highest Piping Penetration:	18"		20"		26"		
Height from Tank Top to Lowest Electrical Penetration:	16"		17"		18"		
Condition of sump prior to testing:	Fair		Fair		Fair		
Portion of Sump Tested	2" Above Highest Penetration						
Sump Material: Wait time between applying pressure/vacuum/water and starting test:	10 Min		10 Min		10 Min		
Test Start Time:	8:59	9:15	8:59	9:15	11:53	12:10	
Initial Reading (R_I):	5.4417	5.4405	3.8063	3.8062	4.8360	4.7074	
Test End Time:	9:14	9:30	9:14	9:30	12:09	10:26	
Final Reading (R_F):	5.4413	5.4399	3.8062	3.8060	4.7318	4.6190	
Test Duration:	15 Min	15 Min	15 Min	15 Min	15 Min	15 Min	
Change in Reading (R_F-R_I):	-.0004	-.0006	-.0001	-.0002	-.1042	-.0884	
Pass/Fail Threshold or Criteria:	+/-.002		+/-.002		+/-.002		
Test Results:	Pass		Pass		Fail		
Is there a sensor in the sump?	Yes		Yes		Yes		
Does the sensor alarm when either product or water is detected?	NA		NA		NA		
Was sensor removed for testing?	Yes		Yes		Yes		
Was sensor properly replaced and verified functional after testing?	Yes		Yes		Yes		

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

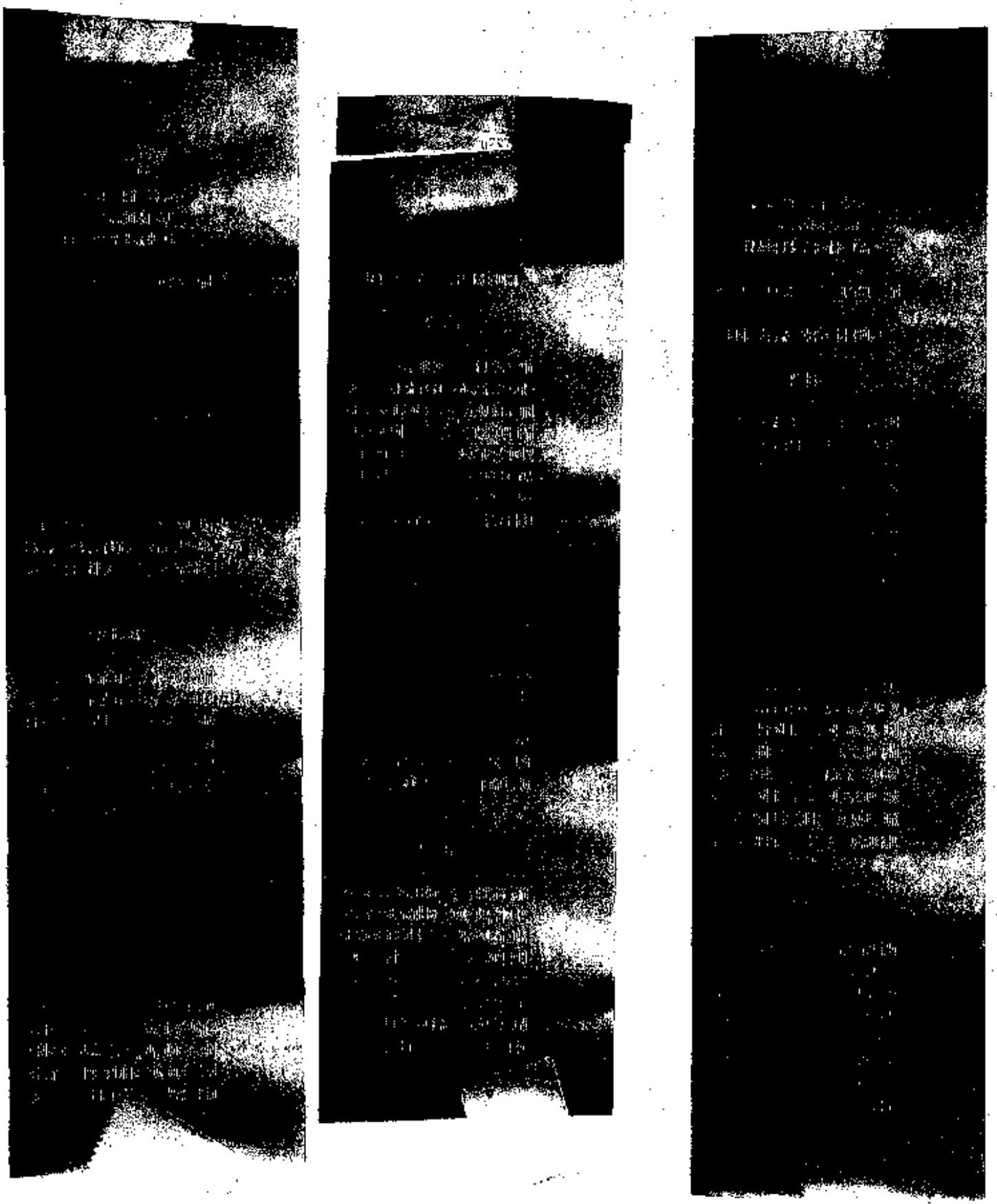
2K fill needs to replace 2 piping & 2-electrical penetration fittings. Permits, Repairs, & Re-test will be required.

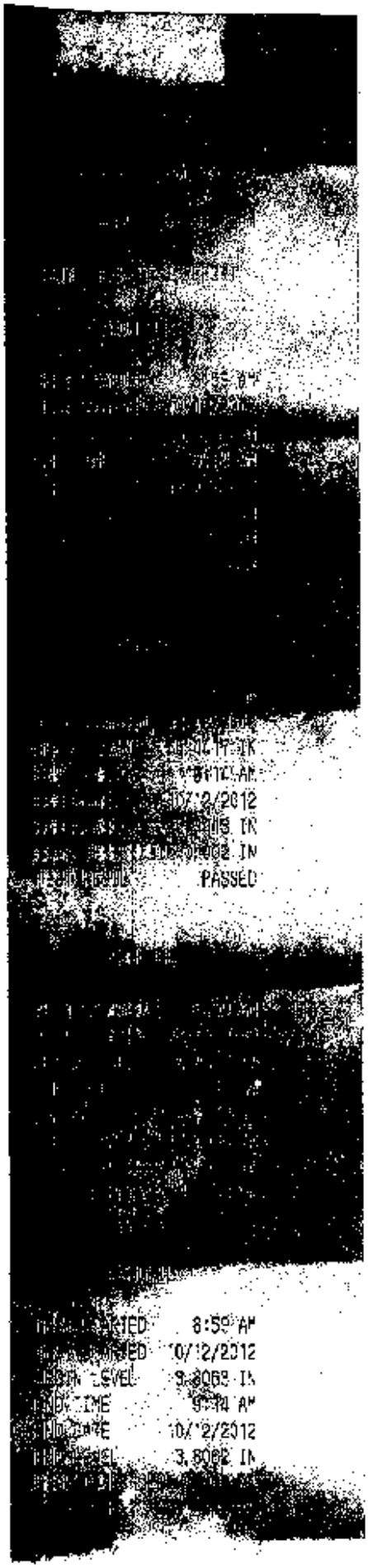
9. SPILL/OVERFILL CONTAINMENT BOXES

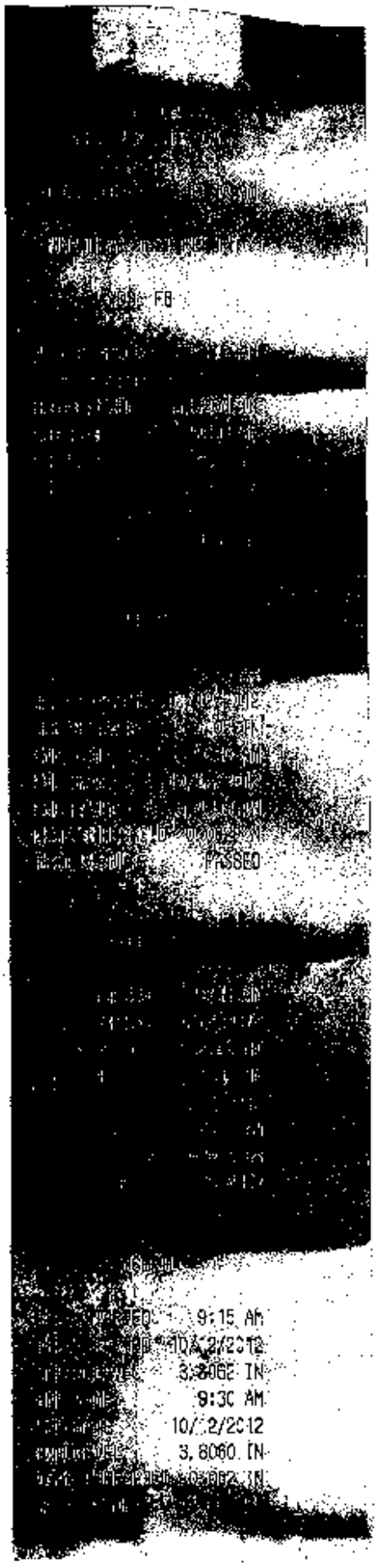
Facility is Not Equipped With Spill/Overfill Containment Boxes ☐			
Spill/Overfill Containment Boxes are Present, but were Not Tested ☐			
Test Method Developed By:	☐ Spill Bucket Manufacturer ☐ Other *(Specify)*	x Industry Standard	☐ Professional Engineer
Test Method Used:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	x Hydrostatic
Test Equipment Used: INCON TS-STS		Equipment Resolution: .0001	

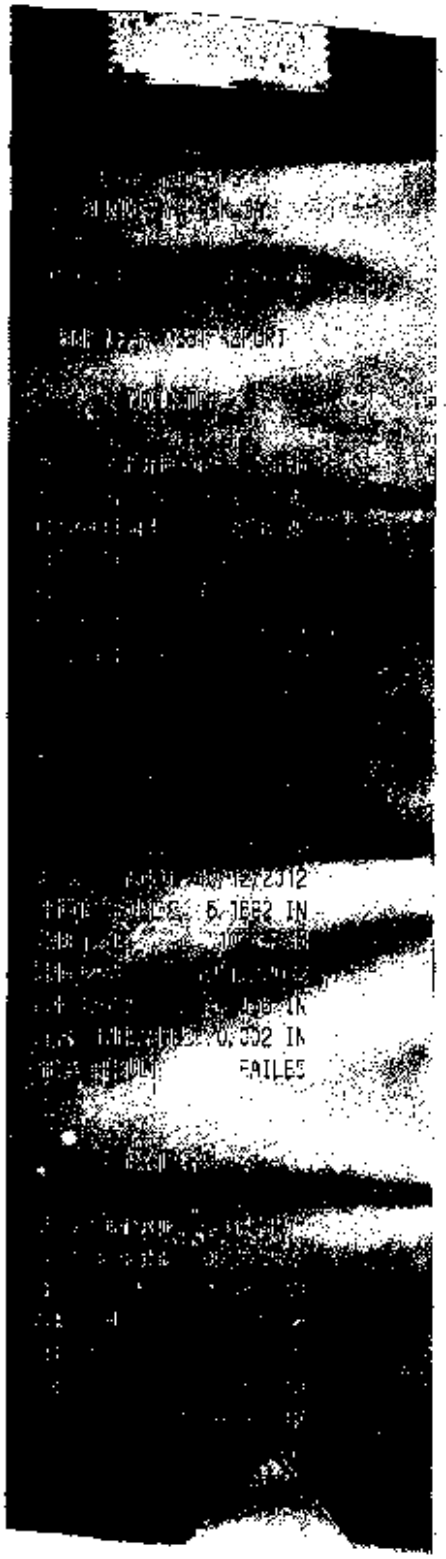
	Spill Box # E DSL		Spill Box # W Diesel		Spill Box # 2K DSL		
Bucket Diameter:	12"		12"		12"		
Bucket Depth:	13"		13"		13"		
Wait time between applying pressure/vacuum/water and starting test:	10 Min		10 Min		10 Min		
Test Start Time:	9:53	10:09	8 59	9:15	11:53	12:10	
Initial Reading (R_I):	4.1094	4.1092	6 5208	6.5204	5.0095	5.0088	
Test End Time:	10:08	10:24	9:14	9 30	12:09	12:26	
Final Reading (R_F):	4.1092	4.1091	6.5205	6.5202	5.0089	5.0074	
Test Duration:	15 Min	15 Min	15 Min	15 Min	15 Min	15 Min	
Change in Reading (R_F-R_I):	-.0002	-.0001	-.0003	-.0002	-.0006	-.0014	
Pass/Fail Threshold or Criteria:	+/-.002		+/-.002		+/-.002		
Test Result:	**Pass**		**Pass**		**Pass**		

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*




PASSED
8:59 AM
10/12/2012
3.8063 IN
9:10 AM
10/12/2012
3.8062 IN


PASSED
9:15 AM
10/12/2012
3.8062 IN
9:30 AM
10/12/2012
3.8060 IN


FAILED

06694 - 007311 C792050

Owner Statements of Designated Underground Storage Tank (UST) Operator and Understanding of and Compliance with UST Requirements

Facility Name: Bank of The West	Facility ID #:
Facility Address: 1977 Saturn Ave Monterey Park, CA	Reason for Submitting this Form (*Check One*)
Facility Phone #:	X Change of Designated Operator Update Certificate Expiration Date

Designated UST Operator(s) for this Facility

PRIMARY

Designated Operator's Name: MARTIN SCHWARTZ	Relation to UST Facility (*Check One*)
Business Name: ORANGE COUNTY TANK TESTING, INC	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: 714 776 0300	☐ Service Technician X Third Party
International Code Council Certification #: 5311570-UC	Expiration Date: 10-20-14

ALTERNATE 1 *(Optional)*

Designated Operator's Name: RICHARD RUSTON	Relation to UST Facility (*Check One*)
Business Name (*If different from above*): OCTT	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: 714 776-0300	☐ Service Technician X Third-Party
International Code Council Certification #: 5246183-UC	Expiration Date: 10-22-2014

ALTERNATE 2 *(Optional)*

Designated Operator's Name: TONY JONES	Relation to UST Facility (*Check One*)
Business Name (*If different from above*): OCTT	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: 714 776 0300	☐ Service Technician X Third-Party
International Code Council Certification #: 5252936-UC	Expiration Date: 1-06-13

I certify that, for the facility indicated at the top of this page, the individual(s) listed above will serve as Designated UST Operator(s). The individual(s) will conduct and document monthly facility inspections and annual facility employee training, in accordance with California Code of Regulations, title 23, section 2715(c) - (f).

Furthermore, I understand and am in compliance with the requirements (statutes, regulations, and local ordinances) applicable to underground storage tanks.

NAME OF TANK OWNER (Please Print): TRINIDAD STELLA

SIGNATURE OF TANK OWNER: Trinidad Stella

DATE: 11-20-12 OWNER'S PHONE #: 323 727 3017

NOTE: 1) SUBMIT THIS COMPLETED FORM TO THE LOCAL AGENCY (NOT THE STATE WATER RESOURCES CONTROL BOARD) BY JANUARY 1, 2005. THE LOCAL AGENCY LIST IS AVAILABLE AT: www.waterboards.ca.gov/ust/cupa-contacts-cupa_zip.html

2) NOTIFY THE LOCAL AGENCY OF ANY CHANGES TO THIS INFORMATION WITHIN 30 DAYS OF THE CHANGE.

November 2004

RECEIVED

OCT 23 2013

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS

906944-007311

C759682

CES

Appendix VI

(Copies of Monitoring System Certification Form and UST Monitoring Plot Plan available at http://www.waterboards.ca.gov)

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: Bank Of The West Bldg No.

Site Address: 1977 Saturn St. City: Monterey Park Zip: 91755

Facility Contact Person: Joe Robelo Contact Phone No.: (323) 727-3636

Make/Model of Monitoring System: Veeder-Root TLS350 Date of Testing/Servicing: 10/11/2013

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: #1 EAST DIESEL	Tank ID: #2 DIESEL
☑ In-Tank Gauging Probe — Model: MAG1	☐ In-Tank Gauging Probe — Model:
☐ Annular Space or Vault Sensor — Model:	☑ Annular Space or Vault Sensor — Model: 794390-354
☑ Piping Sump / Trench Sensor(s) — Model: 794380-354	☑ Piping Sump / Trench Sensor(s) — Model: 794380-208
☑ Fill Sump Sensor(s) — Model: 794380-208	☐ Fill Sump Sensor(s) — Model: 794380-208
☐ Mechanical Line Leak Detector — Model:	☐ Mechanical Line Leak Detector — Model:
☐ Electronic Line Leak Detector — Model:	☐ Electronic Line Leak Detector — Model:
☑ Tank Overfill / High-Level Sensor — Model: FLAPPER VALVE	☐ Tank Overfill / High-Level Sensor — Model:
☐ Other (specify equipment type and model in Section E on Page 2)	☐ Other (specify equipment type and model in Section E on Page 2)
Tank ID: #2 WEST DIESEL	Tank ID:
☑ In-Tank Gauging Probe — Model: MAG1	☐ In-Tank Gauging Probe — Model:
☐ Annular Space or Vault Sensor — Model:	☐ Annular Space or Vault Sensor — Model:
☑ Piping Sump / Trench Sensor(s) — Model: 794380-354	☐ Piping Sump / Trench Sensor(s) — Model:
☑ Fill Sump Sensor(s) — Model: 794380-208	☐ Fill Sump Sensor(s) — Model:
☐ Mechanical Line Leak Detector — Model:	☐ Mechanical Line Leak Detector — Model:
☐ Electronic Line Leak Detector — Model:	☐ Electronic Line Leak Detector — Model:
☑ Tank Overfill / High-Level Sensor — Model: FLAPPER VALVE	☐ Tank Overfill / High-Level Sensor — Model:
☐ Other (specify equipment type and model in Section E on Page 2)	☐ Other (specify equipment type and model in Section E on Page 2)
Dispenser ID: NONE	Dispenser ID:
☐ Dispenser Containment Sensor(s) — Model:	☐ Dispenser Containment Sensor(s) — Model:
☐ Shear Valve(s)	☐ Shear Valve(s)
☐ Dispenser Containment Float(s) and Chain(s)	☐ Dispenser Containment Float(s) and Chain(s)
Dispenser ID:	Dispenser ID:
☐ Dispenser Containment Sensor(s) — Model:	☐ Dispenser Containment Sensor(s) — Model:
☐ Shear Valve(s)	☐ Shear Valve(s)
☐ Dispenser Containment Float(s) and Chain(s)	☐ Dispenser Containment Float(s) and Chain(s)
Dispenser ID:	Dispenser ID:
☐ Dispenser Containment Sensor(s) — Model:	☐ Dispenser Containment Sensor(s) — Model:
☐ Shear Valve(s)	☐ Shear Valve(s)
☐ Dispenser Containment Float(s) and Chain(s)	☐ Dispenser Containment Float(s) and Chain(s)

If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturer's guidelines. Attached to this Certification is information (e.g. manufacturer's checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; (check all that apply): ☐ System set-up ☐ Alarm history report

Technician Name (print): Rich Ruston Signature:

Certification No.: 5246183-UST-A32KO License No.: 517338

Testing Company Name: Orange County Tank Testing Phone No.: (714) 778-0300

Testing Company Address: 225 N. Loara Street, Anaheim, CA 92801 Date of Testing/Servicing: 10/11/2013

2/21/07

D. Results of Testing/Servicing

Software Version Installed: 9.00

Complete the following checklist:

✓ Yes	No*	Is the audible alarm operational?
✓ Yes	No*	Is the visual alarm operational?
✓ Yes	No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
✓ Yes	No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
Yes	No* ✓ N/A	If alarms are relayed to a remote monitoring station, is all communication equipment (e.g. modem) operational?
Yes	No* ✓ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes, which sensors initiate positive shut-down? *(Check all that apply)* Sump/Trench Sensors; Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failures set to operate? Yes No
Yes	No* ✓ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? %
Yes*	✓ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
Yes*	✓ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* Product; Water. If yes, describe causes in Section E, below.
✓ Yes	No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set-up reports, if applicable.
✓ Yes	No*	Is all monitoring equipment operational per manufacturer's specifications?

* In Section E below, describe how and when these deficiencies were or will be corrected.

E. Comments:

F. **In-Tank Gauging / SIR Equipment:** Check this box if tank gauging is used only for inventory control. Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

✓ Yes	No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
✓ Yes	No*	Were all tank gauging probes visually inspected for damage and residue buildup?
✓ Yes	No*	Was accuracy of system product level readings tested?
✓ Yes	No*	Was accuracy of system water level readings tested?
✓ Yes	No*	Were all probes reinstalled properly?
✓ Yes	No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

G. **Line Leak Detectors (LLD).** ✓ Check this box if LLDs are not installed.

Complete the following checklist:

Yes	No* N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? (Check all that apply) Simulated leak rate: 3 g p h 0.1 g p h 0.2 g p h
Yes	No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
Yes	No*	Was the testing apparatus properly calibrated?
Yes	No* N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
Yes	No* N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
Yes	No* N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
Yes	No* N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
Yes	No* N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
Yes	No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

H. **Comments:**

Double Wall Suction System for Emergency Generators

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name: Bank Of The West	Date of Testing: 10/11/2013
Facility Address: 1977 Saturn St	
Facility Contact: Joe	Phone: 323-727 3636
Date Local Agency Was Notified of Testing:	
Name of Local Agency Inspector *(If present during testing)*:	

2. TESTING CONTRACTOR INFORMATION

Company Name: ORANGE COUNTY TANK TESTING	
Technician Conducting Test: Rich Ruston	
Credentials [1]: ☑ CSLB Contractor ☑ ICC Service Tech. ☐ SWRCB Tank Tester ☐ Other *(Specify)*	
License Number(s): 517336	5246183-UC

3. SPILL BUCKET TESTING INFORMATION

Test Method Used: ☑ Hydrostatic ☐ Vacuum ☐ Other

Test Equipment Used: Visual — Equipment Resolution:

Identify Spill Bucket *(By Tank Manifold, Stored Product, etc.)*	1 W. Diesel	2 E. Diesel	3 ZK Diesel	4
Bucket Installation Type:	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☐ Contained in Sump
Bucket Diameter	12"	12"	12"	
Bucket Depth:	14"	14"	13"	
Wait time between applying vacuum/water and start of test:	15 MIN.	15 MIN.	15 MIN.	15 MIN.
Test Start Time (T_S):	9:00	9:00	9:00	
Initial Reading (R_I):	13.5"	12.5"	11.75"	
Test End Time (T_E):	10:00	10:00	10:00	
Final Reading (R_F):	13.5"	12.5"	11.75"	
Test Duration ($T_E - T_S$):	1HR.	1HR	1HR	
Change in Reading ($R_F - R_I$):	-.00	-.00	-.00	
Pass/Fail. Threshold or Criteria:	± .00	± .00	± .00	
Test Result:	☑ Pass ☐ Fail	☑ Pass ☐ Fail	☑ Pass ☐ Fail	☐ Pass ☐ Fail

Comments *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

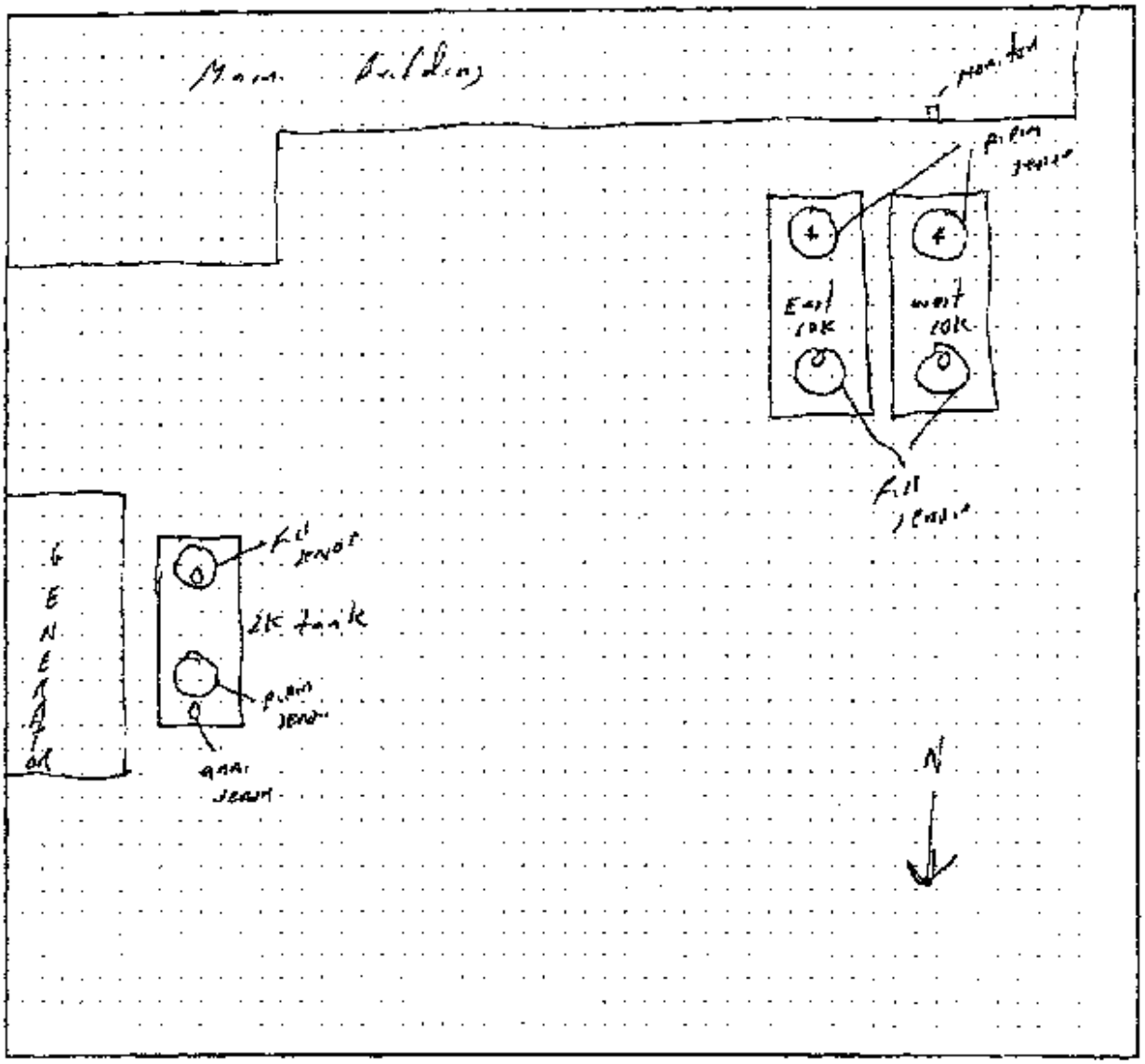
I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature: _____ Date: 10/11/13

[1] State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirement may be more stringent.

UST Monitoring Site Plan

Site Address: 1477 Salinas



Date map was drawn: 11/24/07

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: in-tank monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

SYSTEM SETUP
- - - - - - - - - - - - - - -
OCT 11, 2013 2:40 PM

SYSTEM UNITS
 U.S.
SYSTEM LANGUAGE
 ENGLISH

BANK OF THE WEST
1977 SATURN CIRCUIT
MONTEREY PARK,CA

SHIFT TIME 1 : 6:00 AM
SHIFT TIME 2 : DISABLED
SHIFT TIME 3 : DISABLED
SHIFT TIME 4 : DISABLED

PERIODIC TEST WARNINGS
DISABLED
ANNUAL TEST WARNINGS
DISABLED

SYSTEM SECURITY
CODE : 000000

PRINT TC VOLUMES
ENABLED

TEMP COMPENSATION
VALUE (DEG F):   60.0

COMMUNICATIONS SETUP
- - - - - - - - - - - - - - -

PORT SETTINGS:

NONE FOUND

RS-232 SECURITY
CODE : CCCCCC

AUTO PUT END OF MESSAGE
DISABLED

IN-TANK SETUP
- - - - - - - - - - - - - - -

T 1:DIESEL PAST TANK
PRODUCT CODE   :   1
THERMAL COEFF   : 0.000450
TANK DIAMETER   : 92.00
TANK PROFILE   : 4 PTS
        FULL VOL :   9728
  69.0 INCH VOL :   7810
  46.0 INCH VOL :   4864
  23.0 INCH VOL :   1818

FLOAT SIZE: 4.0 INCHES

RS-232 END OF MESSAGE
DISABLED

IN-TANK SETUP

T 1:DIESEL EAST TANK
PRODUCT CODE : 1
THERMAL COEFF : .000456
TANK DIAMETER : 92.00
TANK PROFILE : 4 PTS
FULL VOL : 9738
69.0 INCH VOL : 7910
46.0 INCH VOL : 4864
23.0 INCH VOL : 1818

FLOAT SIZE: 4.0 INCHES

WATER WARNING : 1.5
HIGH WATER LIMIT: 2.0

MAX OR LABEL VOL: 9720
OVERFILL LIMIT : 90%
: 8755
HIGH PRODUCT : 95%
: 9241
DELIVERY LIMIT : 20%
: 1946

LOW PRODUCT : 1000
LEAK ALARM LIMIT: 50
S.SUDDN LOSS LIMIT: 50
TANK TILT : 0.00

MANIFOLDED TANKS
TK: NONE

LEAK MIN ANNUAL : 0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: ON

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 5 MIN

T 2:DIESEL WEST TANK
PRODUCT CODE : 2
THERMAL COEFF : .000460
TANK DIAMETER : 92.00
TANK PROFILE : 4 PTS
FULL VOL : 9720
69.0 INCH VOL : 7910
46.0 INCH VOL : 4864
23.0 INCH VOL : 1818

FLOAT SIZE: 4.0 INCHES

WATER WARNING : 1.5
HIGH WATER LIMIT: 2.0

MAX OR LABEL VOL: 9720

```
THERMAL COEFF    : 0.000450
TANK DIAMETER    :  92.00
TANK PROFILE     :  4 PTS
        FULL VOL :  9728
   69.0 INCH VOL :  7910
   46.1 INCH VOL :  4864
   23.0 INCH VOL :  1819


FLOAT SIZE:    4.0 INCHES

WATER WARNING    :    1.5
HIGH WATER LIMIT:    2.0

MAX OR LABEL VOL:   9720
OVERFILL LIMIT   :    90%
                 :   8755
HIGH PRODUCT     :    95%
                 :   9241
DELIVERY LIMIT   :    20%
                 :   1945

LOW PRODUCT      :   1000
LEAK ALARM LIMIT:     50
SUDDEN LOSS LIMIT:    50
TANK TILT        :   0.00

MANIFOLDED TANKS
T#: NONE

LEAK MIN MANUAL  :      0

PERIODIC TEST TYPE
                    STANDARD

ANNUAL TEST FAIL
              ALARM DISABLED

PERIODIC TEST FAIL
              ALARM DISABLED

CROSS TEST FAIL
              ALARM DISABLED

ANN TEST AVERAGING:  OFF
PER TEST AVERAGING:  OFF

TANK TEST NOTIFY:     ON

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY   :  5 MIN


LEAK TEST METHOD
- - - - - - - - - - - - - -
TEST MONTHLY : ALL TANK
WEEK 1   WED
START TIME : 10:00 AM
TEST RATE  :0.20 GAL/HR
DURATION   : 2  HOURS


LEAK TEST REPORT FORMAT
                  NORMAL
```

[illegible] SENSOR SETUP

L 1:DAY TANK 1
NORMALLY CLOSED
CATEGORY : DISPENSER PAN

L 2:DAY TANK 2
NORMALLY CLOSED
CATEGORY : DISPENSER PAN

L 3:DAY TANK 3
NORMALLY CLOSED
CATEGORY : DISPENSER PAN

L 4:QK PIPING SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

L 5:QK FILL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

L 7:QK FILL SUMP WEST
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

L 9:QK FILL SUMP EAST
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

2 WIRE CL SENSOR SETUP

C 1:DIESEL EAST TANK
ULTRA 2
CATEGORY : PIPING SUMP

C 2:DIESEL WEST TANK
ULTRA 2
CATEGORY : PIPING SUMP

C 3:QK ANNULAR SPACE
ULTRA 2
CATEGORY : ANNULAR SPACE

CATEGORY : ANNULAR SPACE

OUTPUT RELAY SETUP

SOFTWARE REVISION LEVEL
VERSION 9.00
SOFTWARE# 346009-100-0
CREATED - 95.08.28.11.25

NO SOFTWARE MODULE
SYSTEM FEATURES:
PERIODIC IN-TANK TESTS
ANNUAL IN-TANK TESTS

ALARM HISTORY REPORT

----- SYSTEM ALARM -----
PAPER OUT
JUL 11, 2013 9:50 AM
PRINTER ERROR
JUL 11, 2013 9:58 AM

----- SYSTEM ALARM -----
PAPER OUT
JUL 11, 2013 9:58 AM
PRINTER ERROR
JUL 11, 2013 9:58 AM
BATTERY IS OFF
JAN 1, 1995 8:00 AM

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 1:DIESEL EAST TANK

HIGH WATER ALARM
OCT 11, 2013 2:35 PM
OCT 11, 2013 10:21 AM
OCT 11, 2013 9:53 AM

OVERFILL ALARM
DEC 9, 2008 11:09 AM
OCT 24, 2008 10:34 AM
OCT 16, 1999 2:54 AM

LOW PRODUCT ALARM
MAY 7, 2012 8:45 AM
OCT 24, 2009 10:33 AM
MAY 2, 2008 12:39 PM

HIGH PRODUCT ALARM
OCT 24, 2008 10:34 AM
FEB 24, 1999 12:56 PM

INVALID FUEL LEVEL
OCT 11, 2013 10:21 AM
OCT 11, 2013 9:57 AM
OCT 11, 2013 9:54 AM

PROBE OUT
OCT 11, 2013 2:34 PM
OCT 11, 2013 2:29 PM
OCT 11, 2013 2:25 PM

HIGH WATER WARNING
OCT 11, 2013 2:35 PM
OCT 11, 2013 10:21 AM
OCT 11, 2013 9:53 AM

DELIVERY NEEDED
MAY 7, 2013 12:22 PM
MAY 7, 2013 8:45 AM
OCT 24, 2009 10:33 AM

TANK TEST ACTIVE
OCT 2, 2013 10:00 AM
SEP 4, 2013 10:00 AM
AUG 7, 2013 10:00 AM

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 2:DIESEL WEST TANK

HIGH WATER ALARM
OCT 11, 2013 9:41 AM
OCT 12, 2012 10:29 AM
OCT 12, 2012 9:29 AM

OVERFILL ALARM
APR 30, 2009 11:13 AM

[illegible]
OCT 12, 2012 10:29 AM
OCT 12, 2012 9:22 AM

OVERFILL ALARM
APR 30, 2009 11:13 AM
DEC 5, 2008 11:07 AM
OCT 24, 2008 10:34 AM

LOW PRODUCT ALARM
MAY 7, 2012 11:12 AM
JUN 14, 2006 10:17 AM

HIGH PRODUCT ALARM
OCT 24, 2008 10:34 AM

INVALID FUEL LEVEL
DEC 5, 2008 10:21 AM
JUN 14, 2006 10:18 AM

PROBE OUT
OCT 11, 2012 9:40 AM
OCT 11, 2012 9:40 AM
MAY 7, 2012 10:19 AM

HIGH WATER WARNING
OCT 11, 2012 9:41 AM
OCT 12, 2012 10:29 AM
OCT 12, 2012 9:22 AM

DELIVERY NEEDED
OCT 12, 2012 9:22 AM
MAY 7, 2012 11:12 AM
MAY 2, 2008 12:44 PM

TANK TEST ACTIVE
OCT 2, 2012 10:00 AM
SEP 4, 2012 10:00 AM
AUG 7, 2012 10:00 AM

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 3:

ALARM HISTORY REPORT

..... SENSOR ALARM ...
1 1:DAY TANK 1
DISPENSER PAN
FUEL ALARM
OCT 11, 2012 9:04 AM

FUEL ALARM
OCT 11, 2012 8:44 AM

FUEL ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

ALARM HISTORY REPORT

----- SENSOR ALARM -----
1 6:DAY TANK 2
DISPENSER PAN
FUEL ALARM
OCT 11, 2013 8:04 AM

FUEL ALARM
OCT 11, 2013 8:45 AM

FUEL ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
1 6:DAY TANK 2
DISPENSER PAN
FUEL ALARM
OCT 11, 2013 9:14 AM

FUEL ALARM
OCT 11, 2013 8:45 AM

FUEL ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

SENSOR ALARM
1 4:2K PIPING SUMP
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 8:53 AM

SENSOR OUT ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

SENSOR ALARM
1 5:2K FILL SUMP
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 8:54 AM

SENSOR OUT ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
1 DSK ANNULAR SPACE
ANNULAR SPACE
FUEL ALARM
OCT 24, 2008 11:58 AM

SENSOR OUT ALARM
OCT 24, 2008 11:57 AM

FUEL ALARM
OCT 24, 2008 11:57 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
1 DSK FILL SUMP WEST
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:02 AM

FUEL ALARM
OCT 11, 2013 9:01 AM

SENSOR OUT ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
1 DSK FILL SUMP EAST
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 8:59 AM

FUEL ALARM
MAY 7, 2013 10:13 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
2 DIESEL EAST TANK
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 8:59 AM

FUEL ALARM
OCT 12, 2012 9:58 AM

- - SENSOR ALARM
1 8:10K FILL SUMP EAST
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:06 AM

FUEL ALARM
OCT 11, 2013 8:59 AM

FUEL ALARM
MAY 7, 2013 10:15 AM

ALARM HISTORY REPORT

----- SENSOR ALARM
2 1:DIESEL EAST TANK
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 8:59 AM

FUEL ALARM
OCT 10, 2012 9:53 AM

ALARM HISTORY REPORT

-- -- SENSOR ALARM -----
2 1:DIESEL WEST TANK
PIPING SUMP
SENSOR OUT ALARM
OCT 11 2013 9:03 AM

- - - - -1
2013 AM

FUEL ALARM
MAY 6, 2013 - - - - AM

ALARM HISTORY REPORT

- - - - SENSOR ALARM -----
2 3:2K ANNULAR SPACE
ANNULAR SPACE
SENSOR OUT ALARM
OCT 11, 2013 9:00 AM

FUEL ALARM
OCT 11, 2013 8:57 AM

FUEL ALARM - - - - - -

006994 - 007311 C76128

STORAGE TANK CERTIFICATE OF INSURANCE TO DEMONSTRATE FINANCIAL RESPONSIBILITY STATE OF CALIFORNIA

Facility Name and Address:
Monterey Park Service Center (Data Center) located at 1977 Saturn Street in Monterey Park, CA 91755

Insurer Name and Address:
ACE American Insurance Company c/o ACE Environmental Risk, P.O. Box 1000, 436 Walnut Street WA07A, Philadelphia, PA 19106

Policy Number: UST G27168747 001

RECEIVED

NOV 06 2013

DEPARTMENT OF PUBLIC WORKS ENVIRONMENTAL PROGRAM

Policy Period:
From 12:01am December 5, 2012 to 12:01am December 5, 2013

Insured Name and Address:
Bank of the West located at 2527 Camino Ramon NC-B07-2L-I in San Ramon, CA 94583

I. The Insurer, as identified above, hereby certifies that it has issued liability insurance covering the following Underground Storage Tanks:

Facility	Identification No.	Number of Tanks
Monterey Park Service Center (Data Center)	N/A	3

for taking corrective action and/or compensating third parties for bodily injury and property damage caused by either sudden accidental releases or non-sudden accidental releases or accidental releases in accordance with and subject to the limits of liability, exclusions, conditions, and other terms of the Policy arising from operating the underground storage tanks identified above.

The Limits of Liability are:

a.	$1,000,000	Each Occurrence
b.	$2,000,000	Annual Aggregate

exclusive of legal defense costs, which are subject to a separate limit under the policy. This coverage is provided under policy number UST G27168747 001. The effective date of said policy is December 5, 2012

II. The Insurer further certifies the following with respect to the insurance described in Paragraph I:

A. Bankruptcy or insolvency of the insured shall not relieve the Insurer of its obligations under the Policy to which this certificate applies.

B. The Insurer is liable for the payment of amounts within any deductible applicable to the Policy to the provider of corrective action or a damaged third party, with a right of reimbursement by the insured for any such payment made by the Insurer. This provision does not apply with respect to that amount of any deductible for which coverage is demonstrated under another mechanism or combination of mechanisms as specified in 40 CFR 280.95-280.102.

C. Whenever requested by a Director of an implementing agency, the Insurer agrees to furnish to the Director a signed duplicate original of the Policy and all endorsements.

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D. Cancellation or any other termination of the Insurance by the Insurer, except for non-payment of premium or misrepresentation by the Insured will be effective only upon written notice and only after the expiration of 60 days after a copy of such written notice is received by the Insured. Cancellation for non-payment of premium or misrepresentation by the Insured will be effective only upon written notice and only after expiration of a minimum of 10 days after a copy of such written notice is received by the Insured.

E. The Insurance covers claims otherwise covered by the Policy that are reported to the Insurer within six months of the effective date of cancellation or non-renewal of the Policy except where the new or renewed Policy has the same Retroactive Date or a Retroactive Date earlier than that of the prior policy, and which arise out of any covered occurrence that commenced after the Policy Retroactive Date, if applicable, and prior to such renewal or termination date. Claims reported during such extended reporting period are subject to the terms, conditions, limits, including limits of liability, and exclusions of the Policy.

I hereby certify that the wording of this instrument is identical to the wording in 40 CFR 280.97 (b) (2) and that the Insurer is eligible to provide insurance as an excess or surplus lines insurer in one or more states

Authorized Agent

William P. Hazelton
Name

Sr. Vice President - ACE Environmental Risk
Title

436 Walnut Street, Philadelphia, PA 19106
Address

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006994-007311

NOV 2014

CTES

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Appendix VI

(Copies of Monitoring System Certification form and UST Monitoring Plot Plan available at http://www.waterboards.ca.gov.)

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: Bank Of The West Bldg. No: _____

Site Address: 1977 Saturn St. City: Monterey Park Zip: 91755

Facility Contact Person: Joe Robelo Contact Phone No.: (323) -727-3636

Make/Model of Monitoring System: Veeder-Root TLS 350 Date of Testing/Servicing: 10/10/2014

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: #1 Diesel EAST TANK ☑ In-Tank Gauging Probe. Model: MAG ☐ Annular Space or Vault Sensor. Model: _____ ☑ Piping Sump / Trench Sensor(s). Model: 794390-357 ☑ Fill Sump Sensor(s). Model: 794380-208 ☐ Mechanical Line Leak Detector. Model: _____ ☐ Electronic Line Leak Detector. Model: _____ ☑ Tank Overfill / High-Level Sensor. Model: Flapper Valve ☐ Other (specify equipment type and model in Section E on Page 2).	Tank ID: 2K Diesel ☐ In-Tank Gauging Probe. Model: _____ ☑ Annular Space or Vault Sensor. Model: 794390-357 ☑ Piping Sump / Trench Sensor(s). Model: 794380-208 ☑ Fill Sump Sensor(s). Model: 794380-208 ☐ Mechanical Line Leak Detector. Model: _____ ☐ Electronic Line Leak Detector. Model: _____ ☐ Tank Overfill / High-Level Sensor. Model: _____ ☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID: #2 Diesel WEST TANK ☑ In-Tank Gauging Probe. Model: MAG ☐ Annular Space or Vault Sensor. Model: _____ ☑ Piping Sump / Trench Sensor(s). Model: 794390-357 ☑ Fill Sump Sensor(s). Model: 794380-208 ☐ Mechanical Line Leak Detector. Model: _____ ☐ Electronic Line Leak Detector. Model: _____ ☑ Tank Overfill / High-Level Sensor. Model: Flapper Valve ☐ Other (specify equipment type and model in Section E on Page 2).	Tank ID: _____ ☐ In-Tank Gauging Probe. Model: _____ ☐ Annular Space or Vault Sensor. Model: _____ ☐ Piping Sump / Trench Sensor(s). Model: _____ ☐ Fill Sump Sensor(s). Model: _____ ☐ Mechanical Line Leak Detector. Model: _____ ☐ Electronic Line Leak Detector. Model: _____ ☐ Tank Overfill / High-Level Sensor. Model: _____ ☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: Dsl Tank 1-3 ☑ Dispenser Containment Sensor(s). Model: Float Sensor [redacted] ☑ Dispenser Containment Float(s) and Chain(s).	Dispenser ID: _____ ☐ Dispenser Containment Sensor(s). Model: _____ ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: _____ ☐ Dispenser Containment Sensor(s). Model: _____ ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	Dispenser ID: _____ ☐ Dispenser Containment Sensor(s). Model: _____ ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: _____ ☐ Dispenser Containment Sensor(s). Model: _____ ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	Dispenser ID: _____ ☐ Dispenser Containment Sensor(s). Model: _____ ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).

* If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. **Certification** - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; (check all that apply): ☑ System set-up ☐ Alarm history report

Technician Name (print): Rich Ruston Signature: _____

Certification No: 5246183-UST A30050 License No: 517336

Testing Company Name: Orange County Tank Testing Phone No.: (714) 776-0300

Testing Company Address: 225 N. Loara Street, Anaheim, CA 92801 Date of Testing/Servicing: 10/10/2014

D. Results of Testing/Servicing

Software Version Installed: 9.00

Complete the following checklist:

✓ Yes	☐ No*	Is the audible alarm operational?
✓ Yes	☐ No*	Is the visual alarm operational?
✓ Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
✓ Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No* ✓ N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
☐ Yes	☐ No* ✓ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes, which sensors initiate positive shut-down? *(Check all that apply)* ☐ Sump/Trench Sensors; ☐ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☐ Yes; ☐ No.
☐ Yes	☐ No* ✓ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? ____%.
☐ Yes*	✓ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
☐ Yes*	✓ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product; ☐ Water. If yes, describe causes in Section E, below.
✓ Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable.
✓ Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments:

Double Wall Safe Suction System for Emergency Generators

F. **In-Tank Gauging / SIR Equipment:**

☐ Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☑ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☑ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☑ Yes	☐ No*	Was accuracy of system product level readings tested?
☑ Yes	☐ No*	Was accuracy of system water level readings tested?
☑ Yes	☐ No*	Were all probes reinstalled properly?
☑ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. **Line Leak Detectors (LLD):** ☑ Check this box if LLDs are not installed.

Complete the following checklist:

☐ Yes	☐ No* ☐ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: ☐ 3 g.p.h.; ☐ 0.1 g.p.h.; ☐ 0.2 g.p.h.
☐ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☐ Yes	☐ No*	Was the testing apparatus properly calibrated?
☐ Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. **Comments:**

Double Wall Steel Suction System.

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name: Bank Of The West	Date of Testing: 10/10/2014
Facility Address: 1977 Saturn St.	
Facility Contact: Joe Robello	Phone: 323-727-3636
Date Local Agency Was Notified of Testing:	
Name of Local Agency Inspector *(if present during testing)*	

2. TESTING CONTRACTOR INFORMATION

Company Name: ORANGE COUNTY TANK TESTING	
Technician Conducting Test: Rich Ruston	
Credentials[1]: ☐ CSLB Contractor ☑ ICC Service Tech. ☑ SWRCB Tank Tester ☐ Other *(Specify)*	
License Number(s): 517336 524182-UT	

3. SPILL BUCKET TESTING INFORMATION

Test Method Used: ☑ Hydrostatic ☐ Vacuum ☐ Other

Test Equipment Used: Visual — Equipment Resolution:

Identify Spill Bucket: *(By Tank Number, Stored Product, etc.)*	1 W. Diesel Fill	2 E. Diesel Fill	3	4
Bucket Installation Type:	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☐ Contained in Sump	☐ Direct Bury ☐ Contained in Sump
Bucket Diameter	12"	12"		
Bucket Depth:	14"	14"		
Wait time between applying vacuum/water and start of test:	15 MIN.	15 MIN.	15 MIN	15 MIN
Test Start Time (T_i):	9:00	9:00		
Initial Reading (R_i):	13.25"	12.75		
Test End Time (T_f):	10:00	10:00		
Final Reading (R_f):	13.25"	12.75		
Test Duration ($T_f - T_i$):	1HR	1HR		
Change in Reading ($R_f - R_i$):	-.00	-.00		
Pass/Fail Threshold or Criteria:	±.00	±.00		
Test Result:	☑ Pass ☐ Fail	☑ Pass ☐ Fail	☐ Pass ☑ Fail	☐ Pass ☐ Fail

Comments - *(include information on repairs made prior to testing, and recommended follow up for failed tests)*

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

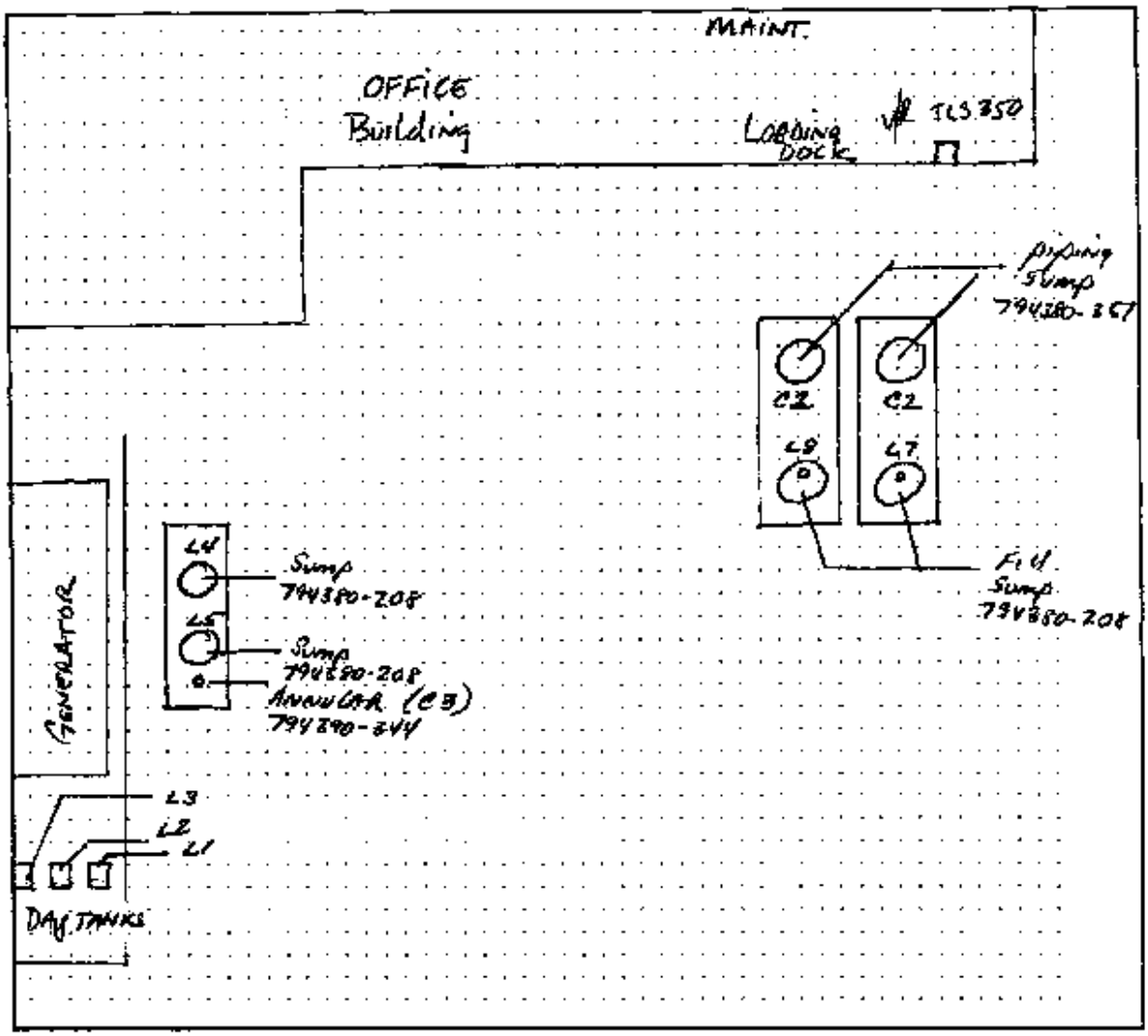
I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature: _____ Date: 10/10/14

[1]State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirements may be more stringent.

UST Monitoring Site Plan

Site Address: 1977 Saturn St., Monterey Park, California 91755



Date map was drawn 10 / 10 / 14

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels, sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

T 2:DIESEL WEST TANK
PRODUCT CODE : 2
THERMAL COEFF : .000450
TANK DIAMETER : 92.00
TANK PROFILE : 4 PTS
FULL VOL : 9728
69.0 INCH VOL : 7910
46.0 INCH VOL : 4863
23.0 INCH VOL : 1819

FLOAT SIZE: 4.0 INCHES

WATER WARNING : 1.5
HIGH WATER LIMIT: 2.0

MAX GR LABEL VOL: 9728
OVERFILL LIMIT : 90%
: 8755
HIGH PRODUCT : 95%
: 9241
DELIVERY LIMIT : 20%
: 1945

LOW PRODUCT : 1000
LEAK ALARM LIMIT: 50
SUDDEN LOSS LIMIT: 50
TANK TILT : 0.00

MANIFOLDED TANKS
T#: NONE

LEAK MIN ANNUAL : 0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: ON

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 5 MIN

COMMUNICATIONS SETUP

PORT SETTINGS:

NONE FOUND

RS-232 SECURITY
CODE : 000000

RS-232 END OF MESSAGE
DISABLED

IN-TANK SETUP

T 1:DIESEL EAST TANK
PRODUCT CODE : 1
THERMAL COEFF : .000450
TANK DIAMETER : 92.00
TANK PROFILE : 4 PTS
FULL VOL : 9728
69.0 INCH VOL : 7910
46.0 INCH VOL : 4864
23.0 INCH VOL : 1818

FLOAT SIZE: 4.0 INCHES

WATER WARNING : 1.5
HIGH WATER LIMIT: 2.0

MAX GR LABEL VOL: 9728
OVERFILL LIMIT : 90%
: 8755
HIGH PRODUCT : 95%
: 9241
DELIVERY LIMIT : 20%
: 1945

LOW PRODUCT : 1000
LEAK ALARM LIMIT: 50
SUDDEN LOSS LIMIT: 50
TANK TILT : 0.00

MANIFOLDED TANKS
T#: NONE

LEAK MIN ANNUAL : 0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: ON

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 5 MIN

SYSTEM SETUP

OCT 10, 2014 8:38 AM

SYSTEM UNITS
U.S.
SYSTEM LANGUAGE
ENGLISH

BANK OF THE WEST
1977 SATURN STREET
MONTEREY PARK,CA

SHIFT TIME 1 : 6:00 AM
SHIFT TIME 2 : DISABLED
SHIFT TIME 3 : DISABLED
SHIFT TIME 4 : DISABLED

PERIODIC TEST WARNINGS
DISABLED
ANNUAL TEST WARNINGS
DISABLED

SYSTEM SECURITY
CODE : 000000

PRINT TC VOLUMES
ENABLED

TEMP COMPENSATION
VALUE (DEG F) : 60.0

2 WIRE CL SENSOR SETUP

2 1:DIESEL EAST TANK
ULTRA 2
CATEGORY : PIPING SUMP

2 2:DIESEL WEST TANK
ULTRA 2
CATEGORY : PIPING SUMP

2 3:2K ANNULAR SPACE
ULTRA 2
CATEGORY : ANNULAR SPACE

OUTPUT RELAY SETUP

SOFTWARE REVISION LEVEL
VERSION 9.00
SOFTWARE# 346009-100-A
CREATED - 95.08.28.11.25

NO SOFTWARE MODULE
SYSTEM FEATURES:
PERIODIC IN-TANK TESTS
ANNUAL IN-TANK TESTS

LEAK TEST METHOD

TEST MONTHLY : ALL TANK
WEEK 1 WED
START TIME : 10:00 AM
TEST RATE :0.20 GAL/HR
DURATION : 2 HOURS

LEAK TEST REPORT FORMAT
NORMAL

LIQUID SENSOR SETUP

L 1:DAY TANK 1
NORMALLY CLOSED
CATEGORY : DISPENSER PAN

L 2:DAY TANK 2
NORMALLY CLOSED
CATEGORY : DISPENSER PAN

L 3:DAY TANK 3
NORMALLY CLOSED
CATEGORY : DISPENSER PAN

L 4:2K PIPING SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

L 5:2K FILL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

L 7:10K FILL SUMP WEST
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

L 8:10K FILL SUMP EAST
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

ALARM HISTORY REPORT

----- IN-TANK ALARM -----

T 2:DIESEL WEST TANK

HIGH WATER ALARM
OCT 11, 2013 9:41 AM
OCT 12, 2012 10:29 AM
OCT 12, 2012 9:22 AM

OVERFILL ALARM
APR 30, 2009 11:13 AM
DEC 5, 2008 11:07 AM
OCT 24, 2008 10:54 AM

LOW PRODUCT ALARM
MAY 8, 2014 9:15 AM
MAY 7, 2012 11:12 AM
JUN 14, 2006 10:17 AM

HIGH PRODUCT ALARM
OCT 24, 2008 10:34 AM

INVALID FUEL LEVEL
DEC 5, 2008 10:21 AM
JUN 14, 2006 10:18 AM

PROBE OUT
MAY 8, 2014 9:15 AM
OCT 11, 2013 9:43 AM
OCT 11, 2013 9:40 AM

HIGH WATER WARNING
OCT 11, 2013 9:41 AM
OCT 12, 2012 10:29 AM
OCT 12, 2012 9:22 AM

DELIVERY NEEDED
MAY 8, 2014 9:15 AM
OCT 12, 2012 9:22 AM
MAY 7, 2012 11:12 AM

TANK TEST ACTIVE
OCT 1, 2014 10:00 AM
SEP 3, 2014 10:00 AM
AUG 6, 2014 10:00 AM

ALARM HISTORY REPORT

---- IN-TANK ALARM --

T 1:DIESEL EAST TANK

HIGH WATER ALARM
MAY 8, 2014 9:18 AM
OCT 11, 2013 2:25 PM
OCT 11, 2013 10:21 AM

OVERFILL ALARM
DEC 5, 2008 11:09 AM
OCT 24, 2008 10:54 AM
OCT 10, 1995 2:54 AM

LOW PRODUCT ALARM
MAY 7, 2012 8:45 AM
OCT 24, 2008 10:30 AM
MAY 2, 2008 12:39 PM

HIGH PRODUCT ALARM
OCT 24, 2008 10:34 AM
FEB 24, 1999 12:55 PM

INVALID FUEL LEVEL
OCT 11, 2013 10:21 AM
OCT 11, 2013 9:57 AM
OCT 11, 2013 9:54 AM

PROBE OUT
MAY 8, 2014 9:27 AM
OCT 11, 2013 3:34 PM
OCT 11, 2013 2:29 PM

HIGH WATER WARNING
MAY 8, 2014 9:18 AM
OCT 11, 2013 2:25 PM
OCT 11, 2013 10:21 AM

DELIVERY NEEDED
MAY 8, 2014 9:27 AM
MAY 7, 2013 12:22 PM
MAY 7, 2012 9:45 AM

TANK TEST ACTIVE
OCT 1, 2014 10:00 AM
SEP 3, 2014 10:00 AM
AUG 6, 2014 10:00 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 4:2K PIPING SUMP
PIPING SUMP
SENSOR CUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 9:53 AM

SENSOR CUT ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 1:DAY TANK 1
DISPENSER PAN
FUEL ALARM
OCT 11, 2013 9:04 AM

FUEL ALARM
OCT 11, 2013 9:04 AM

FUEL ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 5:2K FILL SUMP
PIPING SUMP
SENSOR CUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 9:54 AM

SENSOR CUT ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 2:DAY TANK 2
DISPENSER PAN
FUEL ALARM
OCT 11, 2013 9:04 AM

FUEL ALARM
OCT 11, 2013 9:45 AM

FUEL ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 6:2K ANNULAR SPACE
ANNULAR SPACE
FUEL ALARM
OCT 24, 2008 11:53 AM

SENSOR OUT ALARM
OCT 24, 2008 11:57 AM

FUEL ALARM
OCT 24, 2008 11:57 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 3:DAY TANK 3
DISPENSER PAN
FUEL ALARM
OCT 11, 2013 9:04 AM

FUEL ALARM
OCT 11, 2013 9:46 AM

FUEL ALARM
OCT 12, 2012 11:05 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
C 2:DIESEL WEST TANK
PIPING SUMP
FUEL ALARM
JUL 8, 2014 2:02 PM

FUEL ALARM
JUL 8, 2014 11:47 AM

FUEL ALARM
JUL 8, 2014 11:23 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
C 3:12K ANNULAR SPACE
ANNULAR SPACE
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 8:57 AM

FUEL ALARM
OCT 12, 2012 9:07 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 7:10K FILL SUMP WEST
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 9:01 AM

SENSOR OUT ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 8:10K FILL SUMP EAST
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 8:59 AM

FUEL ALARM
MAY 7, 2013 10:[illegible] AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
C 1:DIESEL EAST TANK
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 8:59 AM

FUEL ALARM
OCT 12, 2012 9:03 AM

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COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
UNDERGROUND STORAGE TANK (UST) UNIT
UST INSPECTION REPORT

Date:	11/1/2017	Permit Number:	842830
Site Name:	1977 Saturn St	Site-File Number:	006994-062151
Street Address:	1977 Saturn St	City/Zip Code:	Monterey Park, 91755
Facility Contact:	Dean Christian	Inspection Number:	873015
Phone Number:	818-334-2252	Inspected By:	Warren Watanabe

Refer to Title 23 of the California Code of Regulations (CCR), Chapters 6.7 of the Health and Safety Code (CHSC), Title 11, Division 4 of the Los Angeles County Code (LACC)

CERS ID #: 10268983

The following Code sections are either in violation (V) of, or in compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable (N).

	Own ID: 1	Own ID: D-5	Own ID: D-5A	Own ID:	Own ID:
	Tank Manufacturer: Modern Welding	Tank Manufacturer: Owens Corning	Tank Manufacturer: Owens Corning	Tank Manufacturer:	Tank Manufacturer:
	Contents: Diesel	Contents: Diesel	Contents: Diesel	Contents:	Contents:
	Install Date: 8/1/1991	Install Date: 1/1/1980	Install Date: 1/1/1980	Install Date:	Install Date:
	Size: 2k	Size: 10k	Size: 10k	Size:	Size:

	TYPE ID	INSPECTION ITEM	V	C	N	V	C	N	V	C	N	V	C	N	V	C	N
		ADMINISTRATION / DOCUMENTATION															
1	2030078	Copy of the UST permit to operate maintained at the facility		C			C			N							
2	2030021	Facility has a valid permit to operate from the CUPA Temp closure pending		C			C			N							
3	2010007	Financial Responsibility current and on file? exp. 07/28/17		C			C			N							
4	2010010A	Submitted an accurate CUPA UST Operating Permit Application for Facility Info.		C			C			N							
5	2010010B	Submitted an accurate CUPA UST Operating Permit Application for Tank Info.		C			C			N							
6	2010003	Has the owner/operator designated a UST operator and or change within 30 days		C			C			N							
7	2030014A	Owner/operator received approval for a training program at an unstaffed facility		C			C			N							
8	2030014B	Owner/operator implemented the approved training program		C			C			N							
9	2030037	Written agreement between the tank owner and tank operator to monitor the tank system is maintained		C			C			N							
10	2030041	A complete and accurate plot plan has been submitted, approved and maintained		C			C			N							
11	2030046	A complete and accurate response plan has been submitted, approved and maintained		C			C			N							
12	2010014	A complete and accurate response plan has been submitted and approved.		C			C			N							
13	2030007	Did they submit and maintain documentation regarding positive statement of compatibility for UST system components		C			C			N							
14	2010008D	Have they maintained written performance claims pertaining to release detection systems and calibration and maintenance records for such systems for 5 years		C			C			N							
15	2030068	Was enhanced leak detection testing conducted for the double-walled UST systems located within 1,000 feet of a public drinking water well		C			C			N							
16	2030066	Was appropriate action taken to repair and retest any component of a double-walled UST system that is leaking liquid or vapor which is discovered from an enhanced leak detection test for UST system located within 1,000 feet of a public drinking water well		C			C			N							
17	2010008A	Have they maintained records of repairs, lining, and upgrades for life of UST		C			C			C							
18	2010008B	Have they maintained written monitoring and maintenance records for 3 years			N			N			N						
19	2010008C	Have they maintained cathodic protection records for 6 1/2 years			N			N			N						
20	2030033	Is an approved monitoring plan maintained.	C			C			C								
21	2010013	A complete and accurate monitoring plan has been submitted and approved	C			C			C								
22	2030002A	Has monitoring system been certified annually 11-01-17		C			C			C							
23	2030074	Has the owner/operator submitted the annual Monitoring system Certification Form to the CUPA within 30 days of testing.		C			C			C							
24	2030055	Have spill buckets been tested annually 11-01-17		C			C			C							
25	2010012	Maintained UST records of monitoring, testing, repairing and closure.		C			C			C							
26	2030077	Unauthorized release report / notification given to the Local Agency via CERS			N			N			N						

Site-File Number: 006994-062151

Inspection Number: 873015

Date: 11/1/2017

	TYPE ID	INSPECTION ITEM	Own ID 1 Contents Diesel			Own ID D-5 Contents Diesel			Own ID D-5A Contents Diesel			Own ID Contents			Own ID Contents		
			V	C	N	V	C	N	V	C	N	V	C	N	V	C	N
27	2030048A	Was secondary containment testing conducted within 6 months of install/repair	✓			✓			✓								
28	2030048B	Has secondary containment testing been conducted every 36 months		✓			✓			✓							
29	2010009	Has secondary containment test been submitted within 30 days		✓			✓			✓							
30	2030064	Was notification given 48 hours prior to testing (**local agency requires 72 hours)		✓			✓			✓							
31	2060024	UST system is made of or lined with materials that are compatible with the substance stored		✓			✓			✓							
		DESIGNATED OPERATOR															
32	2010004A	Have they maintained a copy of monthly designated operator reports for 12 consecutive months		V						O			N				
33	2010015	Maintained a list of employees trained by the Designated Operator		V						O			N				
34	2030012A	Has training been provided to facility employee(s) responsible for proper operation and maintenance every 12 months		V						O			N				
35	2030012B	Did they train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire		V						O			N				
36	2030012C	Is there at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system		V						O			N				
37	2030013A	Was the monthly alarm history report inspected by the designated operator		V						C			N				
38	2030013B	Was a copy of the alarm history report attached to the monthly designated operator report		V						O			N				
39	2030013C	Was the spill container/spill bucket inspected for the presence of liquid/debris by the designated operator		V						O			N				
40	2030013D	Was the UDC inspected by the designated operator for the presence of liquid/debris		V						C				O			
41	2030013E	Was the UDC inspected by the designated operator to ensure that monitoring equipment is placed in the proper position		V						N				O			
42	2030013F	Did the designated operator inspect for liquid/debris in the containment sump where an alarm occurred		V						O			N				
43	2030013G	Did the designated operator inspect the containment sump for liquid/debris for which there is no record of a service visit		V						O			N				
44	2030013H	Has all testing and maintenance been completed and documented		V						O			N				
45	2030001	Were leak detection alarm logs, maintenance and records of appropriate follow-up actions maintained		V						O			N				
		UST															
46	2030076	Tank system in below-grade structure met the conditions to exempt from UST regulations			✓			✓			✓						
47	2030043	Has the leak detection equipment been properly programmed and properly operated		✓			✓			✓							
48	2030016A	Is the interstitial space of the tank continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected		✓			✓				✓						
49	2030034	Was a tag/sticker properly affixed to the monitoring equipment being certified, repaired, or replaced		✓			✓			✓							
50	2030003	Leak detection system maintains an audible and visual alarm		✓			✓			✓							
51	2060027	Maintain primary containment as product-tight		✓			✓			✓							
		LINED TANKS ☐ Check this box is following section is N/A															
52	2030028A	Was a proper written tank lining certification submitted															
53	2030028B	Was a tank integrity test performed															
54	2030028C	Was a vacuum test performed following lining															
55	2030028D	Did they employ a proper coatings expert and/or special inspector															
56	2030029	Lined or repaired steel tank was inspected within 10 years of lining and every 5 years after															
57	2010002A	Have they maintained records of cathodic protection systems testing conducted within six months of installation and at least every three years thereafter															
58	2010002B	Have they maintained records for the 60 calendar day inspection of the impressed-current system															
59	2010002C	Have they maintained records for sacrificial anodes testing every three years															

Site-File Number: 006994-062151

Inspection Number: 873015

Date: 11/1/2017

	TYPE ID	INSPECTION ITEM	Own ID 1 Install Date 8/1/1991 Contents Diesel			Own ID D-5 Install Date 1/1/1980 Contents Diesel			Own ID D-5A Install Date 1/1/1980 Contents Diesel			Own ID Install Date Contents			Own ID Install Date Contents		
			V	C	N	V	C	N	V	C	N	V	C	N	V	C	N
		SINGLE WALLED TANK MONITORING						☐ Check this box is following section is N/A									
60	2010002D	Do they have written monitoring and maintenance records on-site or off-site at a readily available location if approved			✓			✓			✓						
61	2030004	Automatic tank gauge test the tank at least once per month at 0.1 gallons per hour			✓			✓			✓						
62	2030005	The 0.2 gallons per hour continuous in tank leak detection performed			✓		✓			✓							
63	2030006A	Monthly 0.2 gallons per hour automatic tank gauging performed			✓			✓			✓						
64	2030006B	Did the automatic tank gauge generate and print a hard copy of the monthly 0.2 gph test					✓			✓							
65	2060004A	Is UST corrosion protection installed			✓			✓			✓						
66	2060004B	Does field-installed cathodic protection meet the consensus standards			✓			✓			✓						
67	2030009A	Was the impressed-current system inspected every 60 calendar days			✓			✓			✓						
68	2030009C	Was the impressed-current system inspected by a cathodic protection tester within six months of installation and at least every three years thereafter			✓			✓			✓						
69	2030009D	Were the sacrificial anodes checked by a cathodic protection tester once every three years in accordance with the manufacturer's instructions			✓			✓			✓						
70	2030015	Facility exhibited that the method used to monitor the tank meets the monitoring methods in 2643(f)			✓			✓			✓						
71	2060002	Automatic tank gauging/continuous in tank leak detection system installed/properly functioning			✓			✓			✓						
		DOUBLE WALLED PRE 2003 TANKS						☐ Check this box is following section is N/A									
72	2060005	Was system constructed with a monitoring system capable of detecting entry into secondary containment		✓				✓			✓						
		TANKS 2003 - PRESENT						☑ Check this box is following section is N/A									
73	2060006	Was enhanced leak detection testing performed before the tank was placed in use															
74	2060022A	Is the UST system installed on or after July 1, 2003 and before July 1, 2004, and designed and constructed with a monitoring system capable of detecting the entry of the hazardous substance stored in the primary containment into the secondary containment (Including Vent/Vapor Piping)															
75	2060022B	Is the UST system installed on or after July 1, 2003 and before July 1, 2004, and capable of detecting water intrusion into the secondary containment (Including Vent/Vapor Piping)															
76	2030065	Is the interstitial space maintained under constant vacuum, pressure, or hydrostatic conditions, such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance stored in the UST tank is released into the environment? (VPH - 7/2004)															
77	2060023	Is the UST system installed on or after July 1, 2004, and designed and constructed so as to detect the entry of the liquid or vapor-phase of the hazardous substance stored in the primary containment into the secondary containment and capable of detecting water intrusion into the secondary containment (VPH)															
		SPILL BUCKETS															
78	2060020A	Are spill buckets installed			✓		✓			✓							
79	2060020B	Does the spill bucket/container have a functional drain valve or other liquid removal method			✓		✓			✓							
80	2060020C	Is the spill bucket resistant to galvanic corrosion			✓		✓			✓							
		SUMPS															
81	2030008C	Are the sumps in good condition		✓			✓			✓							
82	2030008D	Are the sumps free of debris/liquid		✓			✓			✓							
83	2030008E	Is the secondary containment in good condition		✓			✓			✓							
84	2030008F	Is the secondary containment free of debris/liquid		✓			✓			✓							
85	2030040	Is the secondarily contained piping allowed to drain back into the sump in the event of a leak		✓			✓			✓							

Site-File Number: 006994-062151

Inspection Number: 873015

Date: 11/1/2017

	TYPE ID	INSPECTION ITEM	Own ID 1 Contents Diesel V	C	N	Own ID D-5 Contents Diesel V	C	N	Own ID D-5A Contents Diesel V	C	N	Own ID Contents V	C	N	Own ID Contents V	C	N
86	2030016C	Are the sumps continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected		✓			✓			✓							
87	2030062	Is leak detection equipment set up such that the monitoring system would detect a leak at the earliest opportunity and/or alert the owner/operator of a leak (** exludes test port location at 6 o'clock postion, see line 130)		✓			✓			✓							
88	2060015	Are the sensors located in the proper position/location		✓			✓			✓							
		UDC															
89	2030008A	Are the UDCs in good condition	H/B														
90	2030008B	Are the UDCs free of debris/liquid	↓														
		Sensor Model # or Type	↓														
		OVERFILL PROTECTION															
91	2030035	Was the UST system operated to prevent spills and/or overfills		✓			✓			✓							
92	2030036A	**Overfill prevention system to meet one of the following requirements:** 1. Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm (Ball float or external alarm at 90%); **or**			✓			✓			✓						
93	2030036B	2. Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills (Ball float and external alarm); **or**			✓			✓			✓						
94	2030036C	3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity (Flapper at 95%); **or**		✓			✓			✓							
95	2030036D	4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling (Flapper below tank top fitting)		✓			✓			✓							
		LINE LEAK DETECTORS															
96	2030075	Does the emergency generator system meet requirement for no LLD: system has audible and visual alarm, monitoring system is checked daily and/or logged.			✓			✓			✓						
97	2060012	Does the pressurized piping system have a line leak detector installed			✓			✓			✓						
		PIPING															
		Single walled Pressurized Piping — ✓ Check this box is following section is N/A															
98	2030027	Does the pump shut down when a leak is detected or when line leak detector is disconnected (Positive shutdown/failsafe)															
99	2030052	Was pressurized pipe containing motor vehicle fuel monitored at least hourly at any pressure and a 0.2 gph monthly line integrity test or 0.1 gph annual line integrity test performed															
		Single Walled Conventional Suction Piping — ✓ Check this box is following section is N/A															
100	2030049	Was daily monitoring conducted for air in the pipe and were the results logged															
101	2030050	Was a 0.1 gph piping integrity test conducted every three years															
		Single Walled Gravity Piping — ✓ Check this box is following section is N/A															
102	2030051	Was a 0.1 gph piping integrity test or overfill integrity test conducted every two yrs.															
		Single Walled Safe Suction Piping — ✓ Check this box is following section is N/A															
103	2030053A	Does piping drain back into UST if the suction is released															
104	2030053B	Does piping have a check valve on the piping located directly below the suction pump															
		Double Walled Pressurized Piping — ✓ Check this box is following section is N/A															
105	2030042A	Was an annual line integrity test performed for pressurized pipe that does not utilize fail safe or shut down															
106	2030042B	Was a passing result achieved on the annual line integrity test for pressurized pipe that does not utilize fail safe or shut down															
107	2030016B	Is the piping continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected															
108	2030017	Product piping outside the UDC is fail-safe and shuts down the pump or restricts flow															

PUBLIC WORKS

Site-File Number: 006994-062151

Inspection Number: 873015

Date: 11/1/2017

	TYPE ID	INSPECTION ITEM	Own ID 1 Contents Diesel V	C	N	Own ID D-5 Contents Diesel V	C	N	Own ID D-5A Contents Diesel V	C	N	Own ID Contents V	C	N	Own ID Contents V	C	N
109	2030018	Is the double wall pressurized piping in the turbine sump continuously monitored with a system that activates an audible and visual alarm or restricts or stops flow at dispenser when a leak is detected															
110	2030025A	Is the pressurized piping able to monitor at least hourly with the ability to detect of release of 3.0 gph or trigger an audible/visual alarm															
111	2030025B	Does the pressurized piping restrict product flow through the piping when a release occurs															
112	2030025C	Does the pressurized piping trigger an alarm when a release occurs															
		Other Piping				✓ Check this box is following section is N/A											
113	2030020	Unburied fuel piping (connected to an emergency tank system) visually inspected at least monthly and log kept															
114	2030020X	Buried fuel piping connected to an emergency generator tank systems, the monitoring system checked at least daily by either remote electronic access or visually inspected and log kept onsite															
115	2030032	Unburied Marina piping conducting daily visual inspection and maintaining a log.															
		ENFORCEMENT															
116	2030044	Did the owner/operator deposit or allow the deposit of petroleum into a UST that has a red tag affixed to the fill pipe			✓			✓			✓						
117	2030045	Has the Red Tag been removed, defaced, altered, or otherwise tampered with so that the information on the tag is not legible			✓			✓			✓						
118	2030063	Were temporary closure requirements complied with			✓			✓			✓						
119	2030038	Were permanent closure requirements complied with			✓			✓			✓						
120	2030061	Was a suspected or actual unauthorized release recorded and/or reported in an appropriate time frame			✓			✓			✓						
121	2010006	Owner/Operator has not made false statements or representation on any required document			✓			✓			✓						
122	2030039	Did they comply with all of the operating permit conditions			✓												
		MAINTENANCE															
123	2030059	UST system maintained in accordance with exclusion/exemption status for EGT			✓			✓			✓						
124	2030047	Secondary containment maintained tight and has been confirmed by testing	✓	✓		✓	✓		✓	✓							
125	2060001	Were as-built plans submitted for the location and orientation of the tanks and appurtenant piping systems for new installations and/or with the permit application		✓			✓			✓							
126	2060007	Was non-integral secondary containment designed and constructed to an engineering specification approved by a registered professional engineer or in accordance with a nationally recognized industry code or engineering standard		✓	✓		✓	✓		✓	✓						
127	2060021	Is a striker plate installed & positioned correctly under any opening that could be used for manual dipsticking or do they have a drop-tube mounted bottom protector		✓			✓			✓							
128	2010005	Were enhanced leak detection testing results submitted to the board and the local agency within 60 days of test completion			✓			✓			✓						
129	2030073	Corrective items noted by on an inspection report have been returned to compliance		✓			✓			✓							
130	2010	System is able to detect a leak at the earliest opportunity with the test port at the 6 oclock position or the test boot pulled back		✓			✓			✓							

INSPECTION

Monitoring System Manufacturer's Name and Model #	VR TLS350				
Product Piping Manufacturing	FRP SMITH	FIBERGLASS	FIBERGLASS		DW or SW (circle one)
Line Leak Detector Model #	N/A	N/A	N/A		
Fill Sump Sensor Model #	N/A	208	208		
Piping Sump Sensor Model #	208	352	352		
Annular Space Sensors	350	N/A	N/A		
Sump Sensor Model #	N/A				

Site-File Number: 006994-062151

Inspection Number: 873015

Date: 11/1/2017

TYPE ID	INSPECTION ITEM	Own ID 1 Contents Diesel V	C	N	Own ID D-5 Contents Diesel V	C	N	Own ID D-5A Contents Diesel V	C	N	Own ID Contents V	C	N	Own ID Contents V	C	N
	COMMENTS															
131	TEMPORARY CLOSURE PERMIT EXPIRED 10/24/17															
132	SB989 TEST DATED 04-26-17 WAS REJECTED. TEST WAS ACTUALLY ~~PERFORM~~ PERFORMED ON															
133	04-28-17. APRIL 2017 RESULTS ARE POST REPAIR TEST RESULTS															
134	SB989															
135	SB989 11/22/16 RESULTS FOR ANT TESTING SHOWS 4" ANNULAR ~~PENETRATION~~. FILL SUMPS															
136	FAILED, 10K DIESEL SPILL BUCKET FAILED. SUMMARY PAGE MISSING ANNULAR ~~SPACE~~ SPACE FOR 2/L															
137	DIESEL TANK															
138	INVENTORY LEVEL IS TOO LOW FOR 0.2GPH TEST RESULTS. INVALID FUEL LEVEL.															
139																
140																
141																
142																
143																
144																
145																
146																

☐ Receipt of a copy of this report acknowledged by : _____
PRINT NAME SIGNATURE DATE

☑ Emailed a copy of this report to DEN_CHRISTIAN@EQUITYOFFICE.COM 11-02-17
EMAIL ADDRESS DATE

BANK OF THE WEST
1977 SATURN STREET
MONTEREY PARK,CA

NOV 1, 2017 10:05 AM

SYSTEM STATUS REPORT

T 1:INVALID FUEL LEVEL

T 1:DELIVERY NEEDED

T 1:TANK TEST ACTIVE

T 2:INVALID FUEL LEVEL

T 2:DELIVERY NEEDED

T 2:TANK TEST ACTIVE

INVENTORY REPORT

T 1:DIESEL EAST TANK
T 1:INVALID FUEL LEVEL
VOL INVALID 301 GALS
ULLAGE = 9427 GALS
90% ULLAGE= 8454 GALS
TC VOLUME = 298 GALS
HGT INVALID 7.02 INCHES
WATER VOL = 0 GALS
WATER = 0.00 INCHES
TEMP = 79.8 DEG F

T 2:DIESEL WEST TANK
T 2:INVALID FUEL LEVEL
VOL INVALID 308 GALS
ULLAGE = 9420 GALS
90% ULLAGE= 8447 GALS
TC VOLUME = 305 GALS
HGT INVALID 7.12 INCHES
WATER VOL = 0 GALS
WATER = 0.00 INCHES
TEMP = 79.3 DEG F

* * * * * END * * * * *

```
TRANS: INSP              HMS INSPECTION DISPLAY/UPDATE              OPER: E507141
 PROG: PWC160                                                     11/02/17 15:03:50

   ACTION: B (A)DD  (C)HANGE  (D)ELETE  (B)ROWSE  A(S)SC # BROWSE
   FILE #: 006994 062151 NAME: 1977 SATURN                    SEC? N  STAT: PERM
 STREET #: 1977  FR:       DR:     NAME: SATURN                 SF: ST   UN:
     CITY: MONTEREY PARK           ZIP: 91755 7418  AREA: 3M  TEL: 818 334 2241
   INSP #: I 000873015    INSP TYPE: T SCHI    INSP DT: 092917   INSP DISP: FOL1
   ASSC #: P 000842830  ASSC # TYPE: T 0     ASSC # DT: 060993 ASSC # DISP: PERM

INSP PROC: UST/ANNUAL      SAMP REQ? _     SELF MONT? _

INSP INFO: SINGLE-WALLED_USTS_(2)_&_DOUBLE-WALLED_UST_(1)_____________________
           2012_SB989_FAILED._CLOSURE_APPLICATION_EXPIRED._____________________

  RESULTS: NOVC_ISSUED_FOR_ERRORS_ON_CERS,04/26/17&11/22/16_SB989,MUST_PERFORM_
           6_MONTH_SB989_RETEST_OF_REPAIRED_ITEMS,TEMP_CLOSURE_APP_EXPIRED.____
           # OF VIOLS FOUND:  16                COMPLY DT:

ASSIGN DT: 092917             DUE DT: 102917        ASSIGN TO: 47913_ AREA39
 START DT: ______            COMP DT: 110217          COMP BY: 47913_ WW____
 DMS LINK: HTTP://PWIIS01/SPDMS/HMS.ASPX?DOCNO=000873015&DOCTYPE=INSP
                                    LAST TRAN/DATE/OPER: INSP 110217 E507141
 END OF ENTRIES
```

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

http://DPW.LACounty.gov

ENVIRONMENTAL PROGRAMS DIVISION
NOTICE OF VIOLATION ORDER TO COMPLY

Date 11-2-17 Permit 847830

Owner-Operator DEAN CHRISTIAN Facility 006994-6627 062151

Site Name 1977 SATURN ST Violation # 875125

Site Address 1977 SATURN ST City, Zip MONTEREY PARK, 91755

Mailing Address 801 N BRAND AVE SUITE 220 City, Zip GLENDALE 91203

A recent inspection of your facility revealed the following conditions and/or practices relating to hazardous substance underground storage tanks (UST) which are in violation of California Health and Safety Code (CH&SC) Chapter 6.7 and/or Title 31 Los Angeles County Code (LACC) Title 31, Division 4 and/or the conditions and limitations of the above permit. YOU ARE HEREBY DIRECTED to submit to this office indicated below the following items checked:

☐ OPERATING WITHOUT A CERTIFIED/OPERATING MONITORING SYSTEM – CH&SC 25293

YOU ARE HEREBY DIRECTED to have the monitoring system and the UST system certified immediately and the results reviewed by this office no later than 7 Days from the date of this Notice or the contents of all UST systems are to be removed within this time period.

☑ MISSING TEST RESULTS / DOCUMENTS – Required testing/documentation must be conducted and results reviewed by this office:

- ☑ Secondary Containment Testing (6 MONTH PIST PIPING)
- ☐ Tank Integrity Testing
- ☐ Corrosion Protection Certification
- ☐ API 2481 Testing
- ☐ Line Testing
- ☐ Line Leak Detector Testing
- ☐ Facility Employee Training
- ☐ Missing Designated Operator Monthly Form(s)
- ☐ _____

☑ REQUIRED DOCUMENTS / ITEMS MUST BE SUBMITTED TO THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) –

- ☐ Facility Information Page
- ☐ Tank Information Page
- ☐ Tank Plot Plan
- ☑ Financial Responsibility Certification (EXPIRED)
- ☐ Other Financial Officer Letter
- ☐ Owner Statement of Designated Operator
- ☑ Monitoring Plan
- ☐ Response Plan
- ☐ Owner/Operator Agreement
- ☑ Corrections needed as of time in the attached CERS printout
- ☐ _____

☑ OTHER

- YOU MUST RESUBMIT THE SB989 RESULTS DATED 04/26/17 TO HAVE THE CORRECT TEST DATE. THE TEST WAS ACTUALLY PERFORMED ON 04/18/17.
- YOU MUST RESUBMIT THE SB989 RESULTS DATED 11/22/16 TO INCLUDE THE ANNULAR SPACE (2K DIESEL) ON THE SUMMARY PAGE.
- YOU MUST RESUBMIT THE 6 MONTH PIST REPAIR SB989 TEST FOR THE REPAIRED SUMPS AND DIESEL SPILL BUCKET. REPAIR TEST DATE INITIAL RETURN TEST DATE WAS 04/26/17.

YOU ARE FURTHER DIRECTED to submit to this office below evidence of compliance with the above directives by no later than fifteen (15) days from the date of this Notice, unless otherwise noted above. Failure to comply with the Underground Storage Tank laws and regulations may subject you to civil penalties of not less than $500 or more than $5000, or by one year in county jail or both. Finally, pursuant to Title 1 of the Los Angeles County Code, Sections 1.12.045 and 11.56.060, it is a misdemeanor to violate any of the laws and regulations governing USTs, including provisions of CH&SC Division 20, Chapter 6.7 and 6.11 or Legislative findings set forth in the CCR, Title 23, Division 3, Chapter 16. Failure to comply with this Notice may therefore result in criminal prosecution. Furthermore, a penalty of up to $5000 per day may be imposed to recover the cost incurred by this Department in the enforcement of ACC.

If you have any questions regarding this matter, please contact LARRY LASTRADE ☑ Monday through Friday, 8 a.m. to 9:30 a.m. or ☐ Monday through Thursday 7 a.m. to 5:30 p.m. at (626) 851-7031

Inspected by: _____ _____
Signature

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
EAST LOS ANGELES DISTRICT OFFICE
4401 E. 3RD STREET
LOS ANGELES, CA 90022-1801

Receipt of a copy of this report acknowledged by: _____

Print name: DEAN CHRISTIAN Title: PROJECT MANAGER

Signature: DEAN CHRISTIAN@SPACEEQUITYOFFICE.COM Date: 11-2-17

3600 (EPA Rev. 6)

OFFICE COPY

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

www.CleanLA.com

ENVIRONMENTAL PROGRAMS DIVISION
NOTICE OF VIOLATION ORDER TO COMPLY

Date (HAND) 11-2-17 Permit 842875

Owner/Operator DEAN CHRISTIAN Site File 006774 – 00275

Site Name 1977 SOUTH ATLANTIC ST Violation # 879925

Site Address 1977 SOUTH ATLANTIC ST City, Zip MONTEREY PARK 91755

Mailing Address 301 N BRAND AVE SUITE 220 City, Zip GLENDALE CA. 91203

A recent inspection of your facility revealed the following conditions and/or practices relating to hazardous substance underground storage tanks (USTs) which are in violation of California Health and Safety Code (CH&SC) Chapter 6.7 & 6.11; Los Angeles County Code (LACC) Title 11, Division 4 and/or the conditions and limitations of the above permit. YOU ARE HEREBY DIRECTED to submit to the office indicated below, the following items checked:

☐ **ADDITIONS/MODIFICATIONS TO THE UNDERGROUND STORAGE TANK FACILITY – CH&SC 25284**

- ☐ Complete and sign the Application for Modification.
- ☐ An application fee (to be determined at time of submittal) payable to the County of Los Angeles Department of Public Works.
- ☐ Verify that all Unified Program (UP) form data is accurate and uploaded to the California Environmental Reporting System (CERS) https://cersbusiness.calepa.ca.gov/Account/Signin?ReturnUrl=%2f including all UP UST Facility Information data, UP UST Tank Information data, for each UST, and UST Monitoring Plan data, Certificate of Financial Responsibility, UP UST Response Plan, Owner Statement of Designated Operator. (CH&SC 25404)
- ☐ Scope of Work including all of the additions/modifications.
- ☐ Four (4) sets of plans indicating the location of all additions/modifications copies of contractor's licenses, ICC and manufacturer's certifications

Noted discrepancies from approved plans dated ____

(1) YOUR PERMIT TEMPORARY CLOSURE PERMIT EXPIRED ON 10/24/17

As-builts showing the above modifications and any other modifications which were not indicated on plans approved by this office.

☐ **OPERATING WITHOUT A PERMIT DUE TO A CHANGE OF OWNERSHIP – CH&SC 25284 (c) – MUST be submitted within thirty days of the transfer.**

- ☐ Complete and sign the Transfer of Ownership Application
- ☐ An application fee (to be determined at time of submittal) payable to the County of Los Angeles Department of Public Works.
- ☐ Verify that all Unified Program (UP) form data is accurate and uploaded to the California Environmental Reporting System (CERS) https://cersbusiness.calepa.ca.gov/Account/Signin?ReturnUrl=%2f including all UP UST Facility Information data, UP UST Tank Information data, for each UST, and UST Monitoring Plan data, Certificate of Financial Responsibility, UP UST Response Plan, Owner Statement of Designated Operator. You must include a valid the Board of Equalization Number. The submittal must be made under the existing CERS ID number for the site. (CH&SC 25404)

(2) ☑ **OUT OF SERVICE UNDERGROUND STORAGE TANKS – CH&SC 25298**

Immediately remove all residual liquids, solids, or sludge stored within the USTs to a legal disposal facility. Provide copy of proof of legal disposal.

- ☑ Complete and sign the Application for Closure and Signature Date the Closure Report Requirements Form.
- ☑ Submit a Tank Location Plot Plan
- ☑ An Application for Closure fee (to be determined at time of submittal) payable to the County of Los Angeles Department of Public Works.
- ☑ Complete and sign Permit Application Supplement/Notice to File.
- ☑ Verify that all Unified Program (UP) form data is accurate and uploaded to the California Environmental Reporting System (CERS) https://cersbusiness.calepa.ca.gov/Account/Signin?ReturnUrl=%2f including all UP UST Facility Information data, UP UST Tank Information data, for each UST, and UST Monitoring Plan data, Certificate of Financial Responsibility, UP UST Response Plan, Owner Statement of Designated Operator. You must include the Board of Equalization Number if applicable. (CH&SC 25404)
- ☑ An Operating Permit Application fee (to be determined at time of submittal) payable to the County of Los Angeles, Department of Public Works.
- ☑ Submit an Annual Permit Maintenance fee (to be determined at time of submittal) payable to the County of Los Angeles Department of Public Works.

YOU ARE FURTHER DIRECTED to submit to the office below evidence of compliance with the above directives by no later than fifteen (15) days from the date on this Notice, unless otherwise directed above. Failure to comply with the Underground Storage Tank laws and regulations may subject you to a civil penalty of not less than $500 or more than $5,000, or by one year in county jail or both. Finally, pursuant to Title 11 of the Los Angeles County Code, Sections 11.72.045 and 11.86.020, it is a misdemeanor to violate any of the laws and regulations governing USTs including provisions of CH&SC, Division 20, Chapter 6.7 and 6.11 and regulations that are set forth in the CCR, Title 23, Division 3, Chapter 16. Failure to comply with this Notice may therefore result in criminal prosecution. Furthermore, a non-compliance fee may be imposed to recover the cost incurred by this Department in the enforcement of LACC.

If you have any questions regarding this matter, please contact EMANUEL CARRANZA Monday through Friday, 8 a.m. to 9:30 a.m. or Monday through Thursday, 7 a.m. to 5:30 p.m. at (323) 881-7023

Inspected By: _____ Signature

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
EAST LOS ANGELES DISTRICT OFFICE
4801 E. 3RD STREET
LOS ANGELES, CA 90022-1601

Receipt of a copy of this report acknowledged by:

Print Name: DEAN CHRISTIAN Title PROPERTY MANAGER

Signature: DEAN_CHRISTIAN@EQUITYOFFICE.COM Date: 11-2-17

38-0030 DPW Rev.9/15 OFFICE COPY

Warren Watanabe

From:	Microsoft Outlook <MicrosoftExchange329e71ec88ae4615bbc36ab6ce41109e@lacounty.gov>
To:	Dean Christian
Sent:	Thursday, November 02, 2017 3:19 PM
Subject:	Relayed: UST inspection, NOVC and CERS corrections

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

Dean Christian (Dean.Christian@equityoffice.com)

Subject: UST inspection, NOVC and CERS corrections

UST inspection, NOVC and CERS...

Secondary Containment ReTest Report Form

This form is intended for use by contractors performing periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, written test procedures, and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name: 1977 Saturn Ave	Date of Testing: 11/16/2017
Facility Address: 1977 Saturn Ave Monterey Park CA 91754	
Facility Contact: Dean Christian	Phone: (805) 207-7916
Date Local Agency Was Notified of Testing :	
Name of Local Agency Inspector *(if present during testing)*:	

2. TESTING CONTRACTOR INFORMATION

Company Name: George Bryant Construction	
Technician Conducting Test: Ron Franklin	
Credentials: ☐ CSLB Licensed Contractor XXX	☐ SWRCB Licensed Tank Tester
License Type: 718466	License Number: 718466

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires
Incon Sump Tester		

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
10 K East Fill Sump	☑	☐	☐	☐		☐	☐	☐	☐
10K East Piping Sump	☑	☐	☐	☐		☐	☐	☐	☐
10K West Fill Sump	☑	☐	☐	☐		☐	☐	☐	☐
10K West Piping Sump	☑	☐	☐	☐		☐	☐	☐	☐
10K West Spill Bucket	☑	☐	☐	☐		☐	☐	☐	☐
2K North Sump	☑	☐	☐	☐		☐	☐	☐	☐
2K South Sump	☑	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: _____ Date: 11/16/2017

6. PIPING SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer ☑ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*			
Test Method Used:	☐ Pressure ☐ Vacuum ☑ Hydrostatic ☐ Other *(Specify)*			
Test Equipment Used: Ineo Sump Tester			Equipment Resolution:	
	Sump # 10KEast	**Sump #** 10Kwest	**Sump #** 2K North	**Sump #** 2K South
Sump Diameter:	48"	48"	42"	42"
Sump Depth:	47"	47"	48"	46"
Sump Material:	Fiberglass	Fiberglass	Fiberglass	Fiberglass
Height from Tank Top to Top of Highest Piping Penetration:	10"	11"	12"	12"
Height from Tank Top to Lowest Electrical Penetration:	16"	16"	17"	16"
Condition of sump prior to testing:	good	good	good	good
Portion of Sump Tested[1]	bottom 20"	bottom 20"	bottom 22"	bottom 20"
Does turbine shut down when sump sensor detects liquid (both product and water)?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA
Turbine shutdown response time				
Is system programmed for fail-safe shutdown?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA
Was fail-safe verified to be operational?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA
Wait time between applying pressure/vacuum/water and starting test:	30 minutes	30 minutes	30 minutes	30 minutes
Test Start Time:	8:36 8:52	7:52 8:08	9:47 10:02	9:47 10:02
Initial Reading (R_I):	3.2470 3.2465	3.6844 3.6840	1.8758 1.8756	1.8742 1.8731
Test End Time:	8:51 9:07	8:07 87:23	10:02 10:18	10:02 10:18
Final Reading (R_F):	3.2464 3.2463	3.6841 3.6838	1.8755 1.8753	1.8731 1.8731
Test Duration:	15 minutes	15 minutes	15 minutes	15 minutes
Change in Reading (R_F-R_I):	.0002 .0000	.0001 .0003	.0003 .0001	.0011 .0000
Pass/Fail Threshold or Criteria:	<.002"	<.002"	<.002"	<.002"
Test Result:	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] If the entire depth of the sump is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire sump must be tested. (See SWRCB LG-160)

8. FILL RISER CONTAINMENT SUMP TESTING

Facility is Not Equipped With Fill Riser Containment Sumps ☐				
Fill Riser Containment Sumps are Present, but were Not Tested ☐				
Test Method Developed By:	☐ Sump Manufacturer	☑ Industry Standard	☐ Professional Engineer	☐ Other *(Specify)*
Test Method Used:	☐ Pressure	☐ Vacuum	☑ Hydrostatic	☐ Other *(Specify)*
Test Equipment Used: Incon Sump Tester		Equipment Resolution:		

	Fill Sump # 10KE	Fill Sump # 10KW	Fill Sump #	Fill Sump #
Sump Diameter:	48"	48"		
Sump Depth:	47"	47"		
Height from Tank Top to Top of Highest Piping Penetration:	12"	12"		
Height from Tank Top to Lowest Electrical Penetration:	18"	18"		
Condition of sump prior to testing:	good	good		
Portion of Sump Tested	bottom 22"	bottom 22"		
Sump Material:	fiberglass	fiberglass		
Wait time between applying pressure/vacuum/water and starting test:	30 minutes	30 minutes		
Test Start Time:	8:36 8:52	7:52 8:08		
Initial Reading (R_i):	3.9887 3.9884	5.3085 5.3083		
Test End Time:	8:51 9:07	8:07 8:23		
Final Reading (R_f):	3.9885 3.9884	5.3084 5.3080		
Test Duration:	15 minutes	15 minutes		
Change in Reading (R_f-R_i):	.0002 .0000	.0001 .0003		
Pass/Fail Threshold or Criteria:	<.002"	<.002"		
Test Result:	☑ Pass ☐ Fail	☑ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail
Is there a sensor in the sump?	☑ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Does the sensor alarm when either product or water is detected?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

9. SPILL/OVERFILL CONTAINMENT BOXES

Facility is Not Equipped With Spill/Overfill Containment Boxes ☐				
Spill/Overfill Containment Boxes are Present, but were Not Tested ☐				
Test Method Developed By:	☐ Spill Bucket Manufacturer	☑ Industry Standard	☐ Professional Engineer	☐ Other *(Specify)*
Test Method Used:	☐ Pressure	☑ Vacuum	☐ Hydrostatic	☐ Other *(Specify)*
Test Equipment: Used: Incon Sump Tester			Equipment Resolution:	

	Spill Box # 10W	Spill Box #	Spill Box #	Spill Box #
Bucket Diameter:	12"			
Bucket Depth:	14"			
Wait time between applying pressure/vacuum/water and starting test:	5 minutes			
Test Start Time:	7:52 8:08			
Initial Reading (R_I):	2.4524 2.4519			
Test End Time:	8:07 8:23			
Final Reading (R_F):	2.4519 2.4519			
Test Duration:	15 minutes			
Change in Reading (R_F-R_I):	.0005 .0000			
Pass/Fail Threshold or Criteria:	<.002"			
Test Result:	☑ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

EQUITY OFFICE
1977 SATURN AVE
MONTEREY PARK CA

11/16/2017 8:51 AM

SUMP LEAK TEST REPORT

EFILL

TEST STARTED	8:36 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	3.9883 IN
END TIME	8:51 AM
END DATE	11/16/2017
END LEVEL	3.9885 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

WPIPING

TEST STARTED	8:36 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	3.2470 IN
END TIME	8:51 AM
END DATE	11/16/2017
END LEVEL	3.2464 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

EQUITY OFFICE
1977 SATURN AVE
MONTEREY PARK CA

11/16/2017 9:07 AM

SUMP LEAK TEST REPORT

EFILL

TEST STARTED	8:52 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	3.9884 IN
END TIME	9:07 AM
END DATE	11/16/2017
END LEVEL	3.9884 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

WPIPING

TEST STARTED	8:52 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	3.2465 IN
END TIME	9:07 AM
END DATE	11/16/2017
END LEVEL	3.2463 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

EQUITY OFFICE
1977 SATURN AVE
MONTEREY PARK CA

11/16/2017 8:07 AM

SUMP LEAK TEST REPORT

WFILL

TEST STARTED	7:52 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	5.3085 IN
END TIME	8:07 AM
END DATE	11/16/2017
END LEVEL	5.3084 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

WPIPING

TEST STARTED	7:52 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	3.6844 IN
END TIME	8:07 AM
END DATE	11/16/2017
END LEVEL	3.6841 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

WBUCKET

TEST STARTED	7:52 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	2.4524 IN
END TIME	8:07 AM
END DATE	11/16/2017
END LEVEL	2.4519 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

EQUITY OFFICE
1977 SATURN AVE
MONTEREY PARK CA

11/16/2017 8:23 AM

SUMP LEAK TEST REPORT

WFILL

TEST STARTED	8:08 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	5.3083 IN
END TIME	8:23 AM
END DATE	11/16/2017
END LEVEL	5.3080 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

WPIPING

TEST STARTED	8:08 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	3.6840 IN
END TIME	8:23 AM
END DATE	11/16/2017
END LEVEL	3.6838 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

WBUCKET

TEST STARTED	8:08 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	2.4519 IN
END TIME	8:23 AM
END DATE	11/16/2017
END LEVEL	2.4519 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

EQUITY OFFICE
1977 SATURN AVE
MONTEREY PARK CA

11/16/2017 10:02 AM

SUMP LEAK TEST REPORT

2KSOUTH

TEST STARTED	9:47 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	1.8742 IN
END TIME	10:02 AM
END DATE	11/16/2017
END LEVEL	1.8731 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

2KNORTH

TEST STARTED	9:47 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	1.8758 IN
END TIME	10:02 AM
END DATE	11/16/2017
END LEVEL	1.8755 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

EQUITY OFFICE
1977 SATURN AVE
MONTEREY PARK CA

11/16/2017 10:18 AM

SUMP LEAK TEST REPORT

2KSOUTH

TEST STARTED	10:02 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	1.8731 IN
END TIME	10:18 AM
END DATE	11/16/2017
END LEVEL	1.8731 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

2KNORTH

TEST STARTED	10:02 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	1.8756 IN
END TIME	10:18 AM
END DATE	11/16/2017
END LEVEL	1.8755 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

FORM VALID JULY 1, 2017 TO JUNE 30, 2018

CLOSURE AUTHORIZATION FOR HAZARDOUS SUBSTANCE UNDERGROUND STORAGE TANKS

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS (DPW)
Environmental Programs Division
900 South Fremont Avenue, 3rd Floor Annex Building
Alhambra, CA 91803-1331
Phone Number (626) 458-3517, Fax Number (626) 458-3569
www.OneLA.com

DPW USE ONLY
SITE-FILE NO. 6994 - 62151
APP NO. 9050946 AREA 3M
CHECK [X] CASH [ ] OTHER [ ]
FEES 1421.00

CLOSURE REQUESTED:

- [ ] PERMANENT UST REMOVAL
- [ ] PERMANENT UST CLOSURE IN PLACE - Attach Justification Statement
- [X] TEMPORARY CLOSURE
- [ ] OTHER (ONLY PIPING, UNDER DISPENSER CONTAINMENT, ETC). EXPLAIN _____

ATTACH PLOT PLAN Show existing tanks, piping and dispenser locations, etc. (to scale)

FACILITY California Environmental Reporting System (CERS) ID _____ DATE INFORMATION SUBMITTED TO CERS _____

HOW MANY UNDERGROUND STORAGE TANKS WILL REMAIN AFTER THIS CLOSURE? 0 EXISTING HSUSP NUMBER: 0418301

Who is closing the UST(s)? [ ] UST OWNER/OPERATOR OR [X] CONTRACTOR

Email address of UST owner/operator or recipient: ron@georgebayatconst.com

FACILITY TO BE CLOSED (VERIFICATION FOR NOTIFICATIONS):

Facility Name: Equity office Phone: (323) 430-7081
Facility Address: 1977 Saturn St City: Monterey Park Zip: 91755
Tank Owner/Contact: Robert Del Hierro Title: Manager
Contractor Name: George Bayat Construction Phone: 909 944-3517
Contractor License No.: 716466 Class(es): A B C61 C22 HAZ

Contractors Shall Be Hazardous Substances Removal Certified "HAZ" per California Business & Professions Code Division 3, Chapter 9, Article 4, §7058.7 (a)

NUMBER OF USTs TO BE CLOSED	UST I.D NO. (DPW USE ONLY)	CAPACITY GALLONS	SUBSTANCES STORED (PAST/PRESENT)	CLOSURE FEE
1				$ 975.00
2				$1,158.00
3				$1,421.00
4				$1,641.00
5				$1,807.00
6 (+ ATTACH LIST)				$752.00 + $223.00 per UST =

Closure of Underground Storage Tanks (USTs) shall be in compliance with Los Angeles County Code Title 11, Division 4

COMPLETE SURVEY:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[X]
Has a structural repair ever been made to these underground storage tanks?	[ ]	[X]
Will new underground storage tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES IN TANKS TO BE CLOSED, MAY BE HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE DIVISON 20, CHAPTER 6.5 AND MUST BE REPORTED IN THE CLOSURE REPORT. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below, you certify that all statements and disclosures above are true and correct.
You have read and agree to abide by this authorization and all conditions and limitations on the back and attached.

Authorization Recipient (Print Name): Ronald Franklin Phone: 909 944-3517
Recipient's Signature: [signature] Date: 10/25/16
Recipient is: UST Owner [ ] UST Operator [ ] or Contractor [X] (Written authorization is required for submittals made on behalf of owner/operator.)

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS.

THIS AUTHORIZATION EXPIRES: 6/24/2018

*****SEE ATTACHMENTS*****

MARK PESTRELLA
Director of Public Works

By [signature] Date: 10/24/2017

 Complete Certification of Compliance with Los Angeles County Lobbyist Ordinance on back ClosApp FORMAT DPW Rev. 07/17

UNDERGROUND STORAGE TANKS
CLOSURE INFORMATION

1. This authorization to temporarily or permanently close an underground storage tank (UST) pursuant to Los Angeles County Code, Title 11, Division 4. This authorization may also be used for product piping removal associated with an existing or removed USTs.

2. This authorization will not be approved unless a valid Hazardous Substance Underground Storage Permit (HSUSP) application is on file with the DPW or an Unified Program Facility Permit has been issued by the Certified Unified Program Agency (CUPA).

3. Submittals, including this authorization, made on behalf of the UST owner, operator, or Unified Program permit owner or operator shall be accompanied by written authorization.

4. USTs closed on site by removal, or cleaning and filling with an inert solid substance prior to January 1, 1984, need not comply with current closure requirements, however, contamination related to these USTs must be reported and investigated.

5. All work shall be carried out in full compliance with all applicable federal, state and local laws, ordinances, rules and regulations.

6. All fees due to DPW and/or to the CUPA for the operation and/or maintenance of the facility subject to closure through the date of closure shall be paid in full.

7. Closure authorizations are site specific and may be subject to additional sampling and site characterization requirements as necessary to protect the public health and safety, underground and surface water supplies, and may include requirements, requested by Federal, State or other regulatory agencies.

8. All inspection notification(s) shall be made as directed by the attached conditions of this approval.

9. Within 30 days after closure, all requirements of this Closure authorization shall be furnished to the DPW in a closure report per the DPW Closure Report Requirements and Supplements, describing; all work completed, results of any required sampling, disposition of any contaminated soils or substances found and any other requirements made part of the closure application as well as submittal to the CERS database of the Unified Program LIST FACILITY and LIST TANK information for each UST permanently closed. http://cers.calepa.ca.gov/

10. In all cases, closure authorizations expire 180 days from the date of issue unless otherwise specified. It is the responsibility of the owner or operator to make sure that the final report contains the required information and is submitted to the DPW within 30 days from the sampling date or 180 days from the date of the permit issuance, whichever is earlier. The total number of tanks listed on the HSUSP or UP Permit and the yearly annual permit maintenance billing will remain uncharged until the closure report is received by the DPW. Only one copy of the closure report needs to be submitted unless otherwise directed.

11. This Closure Authorization is considered complete when all requirements of this Closure Authorization and the Permit have been met.

12. The DPW will review the closure report and will issue closure certification with no further action when all requirements of this Closure Authorization and Permit have been met, and where no unauthorized release has been found.

13. If an unauthorized release has occurred or any detected constituent in soil or groundwater is found above the method detection limit of an analytical method as identified in the laboratory testing requirements, reporting of this unauthorized release must comply with the Health and Safety Code Division 20, Chapter 6.7.

14. Where an unauthorized release has occurred, referral of the closure report will be made to a Regional Water Quality Control Board or State Water Resources Control Board who will then provide further direction until closure certification is issued.

15. All correspondence related to this closure authorization shall include the SITE-FILE numbers listed on the front of this document, found in the upper right box and be addressed to the following location:

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 SOUTH FREMONT AVENUE
ALHAMBRA, CA 91803-1331

CERTIFICATION OF COMPLIANCE WITH LOS ANGELES COUNTY LOBBYIST ORDINANCE

This is to certify that I as person applicant for the project located at 1927 Sutherland Dr Monterey Park
LOCATION ADDRESS

am familiar with the requirements of Los Angeles County Code Chapter 2.160 et seq., relating to the Los Angeles County Lobbyist Ordinance) and all persons acting on behalf of myself have complied and will continue to comply therewith throughout the application process.

David Tanaka
APPLICANT (PRINT NAME)

APPLICANT SIGNATURE

George Bryan Corp
COMPANY NAME (If employed by an environmental agency)

10/25/16
DATE

* If you suspect fraud or wrongdoing by a County employee, please report it to the County Fraud Hotline at 1-800-544-6861 or http://fraud.lacounty.gov/ You may remain anonymous.

EQ Office

TO:
Los Angeles County of Public Works

RE:
1977 Saturn Street, Monterey Park, CA 91755

On behalf of our company, we authorize Ron Franklin with George Bryant Construction Inc. to obtain a temporary closure permit to pull the Underground Storage Tanks at 1977 Saturn Street in Monterey Park.

Maya Collins
Property Manager
mcollins@eqoffice.com
805-719-6290

265 N Euclid Avenue
Suite 425
Pasadena, CA 91101
(855) 767-8810

SUPPLEMENT
APPLICATION FOR TEMPORARY CLOSURE

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
Environmental Programs Division

DPW USE ONLY:

SITE FILE NO. 6914 - [illegible] RO 314

APPLICATION NO. [illegible]

This supplement must be submitted with the Application For Closure. You must notify this office two working days in advance to schedule an appointment for an inspection of the temporary closure.

Pursuant to California Code of Regulations (CCR), Title 23, Division 3, Chapter 16, Article 7:

1. All residual liquid, solids, or sludge shall be removed and handled in accordance with the applicable provisions of Chapter 6.5 and Chapter 6.7 of Division 20 of the California Health and Safety Code (CH&SC). Copies of all completed hazardous waste manifests and bills of lading must be provided to this office prior to final approval of temporary closure.
2. If the underground storage tank(s) contained a hazardous substance that could produce flammable vapors at standard temperature and pressure, then the underground storage tank(s) shall be inerted, as often as necessary, to levels that will preclude an explosion or to such lower levels as may be required by this office.
3. Except for required venting, all fill and access locations and piping shall be sealed using locking caps or concrete plugs.
4. Power service shall be disconnected from all pumps associated with the use of the underground storage tank(s) unless the power services some other equipment which is not being closed, such as the impressed-current cathodic protection system, and/or the monitoring system and sensors.
5. The underground storage tank(s) shall be inspected by the owner or operator at least once every three months to verify that the temporary closure measures are still in place. The inspection shall include at least the following actions:
    a. Visual inspection of all locked caps and/or concrete plugs.
    b. If locking caps are used, at least one shall be removed to determine if any liquids or other substances have been added to the underground storage tank(s) or if there has been a change in the quantity or type of liquid added.

All approved monitoring requirements remain in place throughout the duration of the Temporary Closure. Monitoring equipment must continue to be certified annually.

Other:

_____

_____

_____

The owner may terminate the temporary closure at any time and reuse the underground storage tank(s) only if the USTs meet the requirements of CH&SC Division 20, Chapter 6.7, CCR Title 23, Division 3, Chapter 16 and with approval from this office. The Temporary Closure will expire 180 days from date of issuance (County Code 11.82.020 B). The Temporary Closure may be extended for an additional 180 days for one half the Closure Permit fee. At the conclusion of 12 months the extended Temporary Closure Permit is expired. Pursuant to CCR Title 23, Division 3, Chapter 16 Section 2670 (b), at the end of 12 consecutive months during which the tank is temporarily closed, this office may approve an extension of the temporary closure period for a maximum additional period of up to 12 months. Owners and operators shall complete a site assessment in accordance with CCR Title 23, Division 3, Chapter 16, Section 2672 (d) before an extension may be granted by this office.

APPLICANT SIGNATURE Ronald Franklin DATE 10/20/16

PRINT NAME Ronald Franklin

FORM VALID JULY 1, 2018 TO JUNE 30, 2019

DPW USE ONLY:
SITE FILE NO. 6994 - 602151
APP NO. 405099 APP # 3M
CHECK ☑ CASH ☐ OTHER ☐
FEE $ 1267.00

CLOSURE AUTHORIZATION FOR HAZARDOUS SUBSTANCE UNDERGROUND STORAGE TANKS

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS (DPW)
Environmental Programs Division
900 South Fremont Avenue, 8th Floor Annex Building
Alhambra, CA 91803-1331
Phone Number (626) 458-3517 Fax Number (626) 458-3565
www.dpw.lacounty.gov

CLOSURE REQUESTED:

- ☑ PERMANENT UST REMOVAL
- ☐ PERMANENT UST CLOSURE IN-PLACE - Attach Justification Statement
- ☐ TEMPORARY CLOSURE
- ☐ OTHER (ONLY PIPING UNDER DISPENSER CONTAINMENT, ETC), EXPLAIN:

ATTACH PLOT PLAN Show existing tanks, piping and dispenser locations, etc., (to scale)

FACILITY California Environmental Reporting System (CERS) ID: DATE INFORMATION SUBMITTED TO CERS:

HOW MANY UNDERGROUND STORAGE TANKS WILL REMAIN AFTER THIS CLOSURE? 0 EXISTING HSUSP NUMBER 6946.00

Will the existing tank(s)? ☐ UST OWNER/OPERATOR OR ☑ CONTRACTOR

Email address of UST owner/operator or recipient: ron@georgebryantcoast.com

FACILITY TO BE CLOSED (VERIFICATION FOR NOTIFICATIONS):

Facility Name: Equity office. Phone: 909 944 3517
Facility Address: 1777 Saroni st City: Monterey Park Zip: 91755
Tank Owner Contact: Maya Celtric Title: property Manager
Contractor Name: George Bryant Construction Phone: 909 944 3517
Contractor License No.: 718466 Class(s): A B C21 C22 HAZ

Contractor's Duty: Before Hazardous Substance Removal Complete "HAZ" Section of Form & Provide to Owner/Operator. (Cal. Code Regs., Tit. 8, Sec. 1532.1, Subd. (e)(2)(A))

NUMBER OF USTs TO BE CLOSED	UST ID NO (DPW USE ONLY)	CAPACITY (GALLONS)	SUBSTANCE STORED (PAST/PRESENT)	CLOSURE FEE
1				$ 1,143.00
2				$1,653.00
3				$1,407.00
4				$1,959.00
5				$2,151.00
6 = ATTACH LIST				$281.00 + $282.00 per UST

Closure of Underground Storage Tanks (USTs) shall be in compliance with Los Angeles County Code Title 11, Division 4

COMPLETE SURVEY:

	YES	NO
Has an unauthorized release ever occurred at this site?	☐	☒
Has a structural repair ever been made to these underground storage tanks?	☐	☒
Will these underground storage tanks be removed after closure?	☐	☒
Will any wells, including monitoring wells, be abandoned?	☐	☒

NOTICE: CONTAMINATED TANKS AND RESIDUES IN TANKS TO BE CLOSED, MAY BE HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE DIVISION 20, CHAPTER 6.5 AND MUST BE REPORTED IN THE CLOSURE REPORT. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below, you certify that all statements and disclosures above are true and correct.
You have read and agree to abide by this authorization and all conditions and limitations on the back and attached.

Authorization Recipient (Print Name): Ronnie Franklin Phone: 909 944 3517
Recipient's Signature: Date: 10/25/18
Recipient is: UST Owner ☐ UST Operator ☐ or Contractor ☑ Written authorization is required for all entities made to act on the owner/operator's behalf

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.36.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS.

THIS AUTHORIZATION EXPIRES: 04/29/2019 ***SEE ATTACHMENTS***

MARK PESTRELLA
Director of Public Works

By: Date: 10/25/2018

UNDERGROUND STORAGE TANKS
CLOSURE INFORMATION

1. This authorization to temporarily or permanently close an underground storage tank (UST) pursuant to Los Angeles County Code, Title 11, Division 4. This authorization may also be used for product piping removal associated with an existing or removed USTs.

2. This authorization will not be approved unless a valid Hazardous Substance Underground Storage Permit (HSUSP) application is on file with the DPW or an Unified Program Facility Permit has been issued by the Certified Unified Program Agency (CUPA).

3. Submittals, including this authorization, made on behalf of the UST owner, operator, or Unified Program permit owner or operator shall be accompanied by written authorization.

4. USTs closed on site, by removal, or cleaning and filling with an inert solid substance prior to January 1, 1984, need not comply with current closure requirements. However, contamination related to those USTs must be reported and investigated.

5. All work shall be carried out in full compliance with all applicable federal, state and local laws, ordinances, rules and regulations.

6. All fees due to DPW and/or to the CUPA for the operation or the maintenance of the facility subject to closure through the date of closure shall be paid in full.

7. Closure authorizations are site specific and may be subject to additional sampling and site characterization requirements as necessary to protect the public health and safety, underground and surface water supplies, and may include requirements requested by Lenders, State or other regulatory agencies.

8. All inspection notification(s) shall be made as directed by the attached conditions of this approval.

9. Within 30 days of the closure, all requirements of this Closure Authorization shall be furnished to the DPW in a closure report per the DPW Closure Report Requirements and Supplements, describing all work completed, results of any required sampling, disposition of any contaminated soils or substances found and any other requirements made part of the closure application as well as submittal to the CERS database of the Unified Program UST FACILITY and UST TANK information for each UST permanently closed. http://cers.calepa.ca.gov/

10. In all cases, closure authorizations expire 180 days from the date of issue unless otherwise specified. It is the responsibility of the owner or operator to make sure that the final report contains the required information and is submitted to the DPW within 30 days from the sampling date or 180 days from the date of the permit issuance, whichever is earlier. The total number of tanks listed on the HSUSP or UF Permit and the yearly annual permit maintenance billing will remain unchanged until the closure report is received by the DPW. Only one copy of the closure report needs to be submitted - unless otherwise directed.

11. This Closure Authorization is considered complete when all requirements of this Closure Authorization and the Permit have been met.

12. The DPW will review the closure report and will issue closure certification within 90 days after all requirements of this Closure Authorization and Permit have been met, and where no unauthorized release has been found.

13. If an unauthorized release has occurred or any detected constituent in soil or groundwater is found above the method detection limit of an analytical method as identified in the laboratory testing requirements, reporting of this unauthorized release must comply with the Health and Safety Code Division 20, Chapter 6.7.

14. Where an unauthorized release has occurred, referral of the closure report will be made to a Regional Water Quality Control Board or State Water Resources Control Board who will then provide further direction until closure certification is issued.

15. All correspondence related to this closure authorization shall include the SITE-FILE numbers listed on the front of this document, found in the upper right box and be addressed to the following location:

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 SOUTH FREMONT AVENUE
ALHAMBRA, CA 91803-1331

CERTIFICATION OF COMPLIANCE WITH
LOS ANGELES COUNTY LOBBYIST ORDINANCE

I/We hereby certify that I/we permit applicant for the parcel located at 1922 Eastern ST Monterey Park
(LOCATION ADDRESS)
am familiar with the requirements of Los Angeles County Code Chapter 2.160 et seq. (relating to Los Angeles County Lobbyist Ordinance) and certify that I/we and all Contractors have complied with the ordinance as to the work I/we brought before the application process.

Ronald Fronstin — APPLICANT (PRINT NAME)
Ronald Fronstin — APPLICANT SIGNATURE
George Bayuk Construction — COMPANY NAME (if employed by an entity/agency)
10/25/15 — DATE

If you suspect fraud or wrongdoing by a County employee, please report it to the County Fraud Hotline at (800) 544-6861 or http://fraud.lacounty.gov/. You may remain anonymous.

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the County of Los Angeles Department of Public Works, Environmental Programs Division, P.O. Box 1460, Alhambra, California 91802-1460, containing:

1. File number of facility and closure permit number.
2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.
3. Description of methods for obtaining, handling, and transporting samples.
4. Time and date samples were obtained.
5. Soil sampling certification (including but not limited to soils classification, boring logs, sample procedures, sample locations, initiating chain-of-custody, and groundwater location) for Underground Storage Tank closure shall be certified by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils. The certification must clearly state that all work was performed under the supervision of the person signing.
6. Chain-of-custody documentation initiated by person obtaining sample through person at a California Department of Health Services certified laboratory.
7. Disposal destination of tanks and evidence of legal disposal.
8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction, and methods of analysis.
9. Documentation as to depth of groundwater at facility.
10. Manifests to document hazardous waste disposal of any removed soil and tank rinsate.
11. Evidence of legal disposal of soils designated as nonhazardous.
12. Any observations of site contamination.
13. Report to be signed by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils.
14. Submit to the California Environmental Reporting System (CERS) the date the UST was permanently closed for all tanks removed or closed in-place.

Print Name Ronald Franklin

Signature _____ Date 10/29/10

UST_CLOSREQ.07/16

CERS Business

Home | Submittals | Facilities | Compliance | My Business

UST Facility Operating Permit Application: [redacted]

Home » Prepare Submittal » UST: UST Facility Operating Permit Application (Draft)

You must complete this form within 30 days of all new permits, permit changes, or facility information changes. You will also need to update/confirm your tank monitoring plan and other pertinent UST-related forms.

All facilities **must** provide a BOE Number. Valid numbers are 8 digits long starting with the numbers 44... State and federal facilities should use 44032062. If **ALL** underground tanks at your facility **ONLY** contain NON petroleum productions, you can provide this generic BOE Number: 44000000. Contact your local regulator if you are unsure what number to provide.

The former paper version of this form was called "UST Operating Permit Application-Facility Information" (Form A).

More information about UST Financial Responsibility Mechanisms is available at the Water Board's Underground Storage Tank Cleanup Fund Financial Responsibility Web page.

Click this field to reflect permanent UST closure.

Cancel

Type of Action

Confirmed/Updated Information | New Permit | Renewal Permit | Temporary Facility Closure | (◉) Permanent Facility Closure | Transfer Permit

Facility Information

EXAMPLE FACILITY

Facility Type *

Motor Vehicle Fueling | Fuel Distribution | Farm | Processor | Other

BOE Number *

Is the facility located on Indian Reservation/Trust lands? *

Yes | No

Property Owner

Owner Name * | Phone *

Tank Operator

Tank Operator Name * | Phone *

Mailing Address *

City | State | ZIP/Postal Code

Country *

United States | For International Address

Tank Owner

Owner Name * | Phone *

CERS Business | Home | Submittals | Facilities | Compliance | My Business

UST Tank Information/Monitoring Plan: [redacted]

Home » Prepare Submittal » UST: UST Tank Information/Monitoring Plan (Draft)

Use this form to enter data for new UST systems or revise data for an existing UST system. You must complete a separate form for each affected tank. For tanks that are part of a compartmentalized unit, each compartment is considered a separate tank. This information is required within 30 days of permit or facility information changes, unless your local agency requires approval prior to making the changes.
The former paper version of this form was called "UST Operating Permit Application - Tank Information" (Form B).

Copy from 'After UST Date' Cancel

Type of Action

Type of Action (UST Tank) *

Confirmed/Updated Information | New Permit | Renewal Permit | Temporary UST Closure | UST Permanent Closure on Site | • UST Removal

Facility Information

EXAMPLE FACILITY

Enter this date after the UST has been removed.

Click this field to reflect permanent removal of the UST.

Tank Description

Tank ID / * | Date UST System Installed * | Tank Configuration *

A Stand-alone Tank | One in a Compartmented Unit

Tank Manufacturer * | Date Existing UST Discovered * | Number of Compartments in the Unit *

Tank Capacity in Gallons * | Date UST Permanently Closed * | Additional Description *

Tank Use and Contents

Tank Use *

Motor Vehicle Fueling
Marina Fueling

Tank Contents *

Regular Unleaded
Premium Unleaded

Tank Construction

Type of Tank *

Single Wall | Double Wall | Unknown

CERS Help | Settings | My Business: *Test Facility* | Select Business

EG Office

TO:
Los Angeles County of Public Works

RE:
1077 Serrano Street, Monterey Park, CA 91755

On behalf of our company, we authorize Paul Gonzalez with Geologic Explorations, Inc. to obtain an underground storage tank removal permit.

Maya Collins
Property Manager
mcollins@egpofficecorp.com
800-750-0250

1901 E Garvey Avenue
Suite 405
West Covina, CA 91791
(855) 367-8369

CONTRACTORS
STATE LICENSE BOARD
ACTIVE LICENSE

License number **718466** CORP

Business name GEORGE BRYANT CONSTRUCTION INC

Classifications A B C21 ASB HAZ C22

Expiration date 02/29/2020 www.cslb.ca.gov

ACORD

GEORBRY-01

CERTIFICATE OF LIABILITY INSURANCE

DATE (M
8/1

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLD
CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE
BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUT
REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be
If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A stat
this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER License # 0E67768
Legends Environmental Ins. Services
130 Vantis
Suite 250
Aliso Viejo, CA 92656

CONTACT NAME: Aimee Paiva
PHONE (A/C, No, Ext): (916) 692-7008 53008
FAX (A/C, No): (916) 47
E-MAIL ADDRESS: Aimee.Paiva@iqausa.com

INSURER(S) AFFORDING COVERAGE
INSURER A : United Specialty Insurance Company
INSURER B : State National Insurance Company, Inc
INSURER C :
INSURER D :
INSURER E :
INSURER F :

INSURED
George Bryant Construction, Inc.
9339 Golden Street
Alta Loma, CA 91737-2821

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POL
INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO W
CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL TH
EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	X COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE $
	CLAIMS-MADE X OCCUR	X		USA4223020	07/01/2018	07/01/2019	DAMAGE TO RENTED PREMISES (Ea occurrence) $
	X CPL						MED EXP (Any one person) $
							PERSONAL & ADV INJURY $
	GEN'L AGGREGATE LIMIT APPLIES PER						GENERAL AGGREGATE $
	POLICY X PRO-JECT LOC						PRODUCTS - COMP/OP AGG $
	OTHER						$
A	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) $
	ANY AUTO						BODILY INJURY (Per person) $
	OWNED AUTOS ONLY			USA4223020	07/01/2018	07/01/2019	BODILY INJURY (Per accident) $
	X HIRED AUTOS ONLY		X	NON-OWNED AUTOS ONLY			PROPERTY DAMAGE (Per accident) $
							$
A	UMBRELLA LIAB X OCCUR						EACH OCCURRENCE $
	X EXCESS LIAB CLAIMS-MADE			USA4223021	07/01/2018	07/01/2019	AGGREGATE $
	DED RETENTION $						$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						X PER STATUTE OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N Y	N/A	WFA3867821	07/01/2018	07/01/2019	E.L. EACH ACCIDENT $
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE $
A	Professional Liab			USA4223020	07/01/2018	07/01/2019	E.L. DISEASE - POLICY LIMIT $ Per Claim

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Professional Liability is written on a Claims Made basis.

DOSH Certificate #361
Contractor's License No. 719686

5470 Asbestos Abatement-All Operations-Including Shop included on Workers' Comp policy.

SEE ATTACHED ACORD 101

CERTIFICATE HOLDER

DOSH, Asbestos Contractor Registration Unit
2424 Arden Way, Suite 495
Sacramento, CA 95825-2417

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED I
THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVE
ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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CLOSURE – UNDERGROUND STORAGE TANKS

CONDITIONS A – GENERAL

1. Closure shall be carried out such that all applicable regulations from the following agencies are complied with: Los Angeles County, Department of County Engineer – Facilities; Los Angeles County Fire Department, Fire Prevention Division or the appropriate City Fire Department; South Coast Air Quality Management District; and Los Angeles County Department of Health Services.

2. The County Engineer and Fire Department shall be notified in advance of any closure in accordance with the following:

   a. Removal of tank shall require a three (3)-business-day advance notification.
   b. Permanent closure of a tank in place or a temporary closure shall require a 30-day advance notification.

3. Consult current fee schedule for costs.

4. All abandoned wells shall be destroyed in such a way that they will not produce water or act as a channel for interchange of water, when such interchange may result in deterioration of the quality of water in any or all water bearing formations penetrated, or present a hazard to the safety and well-being of people and animals.

5. A well destruction permit issued by the Los Angeles Department of Health Services shall be required for all wells requiring a permit for their original construction.

6. Well destruction shall be accomplished according to methods described in the latest "Water Well Standards: State of California" by the Department of Water Resources, contained in Bulletin 74 – 81, December, 1981, or any other methods that will provide equivalent or better protection.

7. Plans for the decontamination of a facility shall be submitted to the County Engineer for approval no later than 30 days before the commencement of such operations. Other agencies having jurisdiction shall also be notified. These agencies the California Regional Water Quality Board, the Los Angeles County Department of Health Services and the South Coast Air Quality Management District.

8. Decontamination shall require the following, as a minimum:

   a. Cleaning operation shall be done under the supervision of persons who understand the hazardous potential of the original ingredients stored and its constituents.
   b. The personnel shall be sufficiently skilled to safely carry out such operations.
   c. Contaminated materials removed from such facility shall be disposed of at a legal point of discharge.
   d. The operations shall be carried out in a manner that will not endanger the health of the public and the environment.

CONDITIONS B – TEMPORARY

1. All temporary closures shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, "Abandonment or Removal of Underground Tanks," Part A and any other applicable Parts.

2. A temporary closure shall not exceed 180 days.

CONDITION C – PERMANENT TANK(S) REMOVAL

1. All tank removals shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Part B and any other applicable Parts.

2. Owners/operators shall notify the Building Department having jurisdiction of the place of removal if a grading permit is necessary.

3. Removed tanks shall not be transported away from the site until an inspection to establish site integrity is carried out by the County Engineer.

4. If an appointment has been arranged with a County Engineer Inspector to inspect the removal of a tank, the Inspector will only wait on the site a reasonable amount of time (approximately one hour) after arriving for the removal to commence. Another closure fee may be charged if the inspector has to return to the site.

5. After inspection, tank shall be transported to a legal disposal point.

6. If the tank has stored materials other than motor fuel, fuel oil, or waste oil, site integrity will be demonstrated using the soil sampling and analysis procedures described in CONDITIONS D below.

7. The site shall be filled and compacted in accordance with the requirements of CBC.

CONDITIONS D – PERMANENT

1. All permanent closures of tanks in place shall comply with Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Parts B or C and any other applicable Parts.

2. Owners/operators shall demonstrate soil site integrity as follows:

   a. Test borings shall be standard to intercept a point beneath the center of the tank, if possible. If standard drilling is not feasible, the test borings may be drilled vertically and for the reason stated in the report at 2.h. below.
   b. For single tanks, a minimum of two test borings will be required, each located on opposite sides of the tank, along the major axis of the tank.
   c. For multiple tanks, as a minimum, borings shall be placed at 20-foot intervals around the tank cluster. The actual number and location of borings shall be evaluated on a case-by-case basis. Tanks separated by 20 feet or more shall be considered as single tanks for the purposes of test location and placement.
   d. Soil samples shall be taken at depths of 5, 10, 20, 30 and all feet below grade level.
   e. A Shelby Tube or a Modified California Sampler shall be utilized for taking all soil samples.
   f. Soil samples shall not be exposed to the local air or be immediately placed in a refrigerated ice chest and transported to a state certified laboratory for analysis, using suitable methods.
   g. A report containing the results of the above analysis shall be submitted to the County Engineer.

3. If the soil analysis in 2. above indicates the presence of contaminants, the County Engineer shall require a site investigation, as described in Chapter V of the County's "Underground Storage of Hazardous Materials – Guidelines."

4. A report shall be submitted to the County Engineer containing the results of the site investigation.

CLOSURE APPLICATION SUPPLEMENT
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

PART 1 OF 3

FOR OFFICE USE ONLY
FACILITY ID NO. Comp - 6215
APPLICATION NO. 96509

To satisfy the permanent closure requirements for underground storage tanks storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

***** Soil sampling will be required for Vent and Vapor Recovery piping for UST systems installed after July 1, 2003. *****

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1A, 1B	3-4 feet beneath	TPH/D	8015M
2A, 2B	tank invert	BTEX, MTBE	
3A, 3B		Fuel Oxygenates	8260B
		Organic Lead	DOHS Meth
1 sample	3-4 feet below	same as	same as
	each UST	above	above
1 sample	3-4 feet below	same as	same as
	piping, dispenser	above	above
	and vent pipe		

Continued on Page 2

3. All soil samples obtained shall be discrete, undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date/time of sampling shall be included in the final report.

4. Conform to the analytical requirements table below for petroleum hydrocarbon sites. Apply EPA Method 5035 specified in the USEPA SW-846 version III (12/1996) for soil sample preparation and preservation in order to minimize volatile organic losses. Use the sample collection devices, or equivalent, specified in the method (e.g., the Encore[TM] sampler). If the Encore[TM] sampler is used, analyze sample within 48 hours from the collection. Analyze sample within 10 days for soil samples stored under frozen conditions.

UST CONTENTS	Analyte	Analytical Method	Required MDL Soil (ug/kg)	Required MDL Water (ug/L)
GASOLINE OR DIESEL	Total Petroleum Hydrocarbons (TPH) - Gasoline	EPA Method 8015 (M)	100-200	50-100
	Total Petroleum Hydrocarbons (TPH) - Diesel	EPA Method 8015 (M)	1,000	500
	Benzene	EPA Method 8260B (8021B)	1	0.5
	Toluene	EPA Method 8260B (8021B)	1	0.5
	Ethylbenzene	EPA Method 8260B (8021B)	1	0.5
	Xylenes (Total)	EPA Method 8260B (8021B)	1	0.5
	Methyl Tertiary Butyl Ether (MTBE)	EPA Method 8260B	2	1
	Diisopropyl ether (DIPE)	EPA Method 8260B	2	1
	Ethyl tertiary butyl ether (ETBE)	EPA Method 8260B	2	1
	Tertiary amyl methyl ether (TAME)	EPA Method 8260B	2	1
	Tertiary butyl alcohol (TBA)	EPA Method 8260B	20	10
	Ethanol	EPA Method 8260B	500	250
	Methanol	EPA Method 8015 (M)	1000	500
OTHER, WASTE OIL UNKNOWN	Total Recoverable Petroleum Hydrocarbons (TRPH) - Waste Oil	EPA Method 418.1 or EPA Method 8260B	1000	500

UST Permitted Contents,
all VOC's (EPA Method 8260)
+ To Be Determined

Continued on Page 3

5. All soil/groundwater samples shall be analyzed by a laboratory approved by the California Environmental Accreditation Laboratory Program (ELAP).

6. Analytical results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) Detection limits for each analytical procedure and determination; d) The method of analysis; e) Signature of chemist certifying results.

7. All soil/groundwater samples obtained shall be handled and transported to laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.

9. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

10. A final report that contains all of the above required information shall be submitted to the office above within one (1) month form the sampling date or 180 days from the date of this permit, whichever is earlier.

11. All electronic data shall be submitted to the State Water Resources Control Board Geotracker database.

STATE OF CALIFORNIA
California Regional Water Quality Control Board
Los Angeles Region
(Underground Storage Tank Program)

General Laboratory Testing Requirements for Petroleum Hydrocarbon Impacted Sites

The purpose of this document is to supplement the Regional Board's Laboratory Report form (6/00) in order to update obsolete testing requirements and set forth the new requirements for fuel oxygenates and natural attenuation testing. Each analytical method used must be certified by the California Environmental Accreditation Laboratory Program (ELAP).

1. General Laboratory QA/QC Requirements

Conform to the Regional Board's Laboratory Report Form (6/00) in general except for items specified below:

2. Compounds to be Tested

Total petroleum hydrocarbons in gasoline range (TPHg) (C4 – C12); Total petroleum hydrocarbons in diesel range (TPHd) (C13 – C22); benzene, toluene, ethylbenzene, xylenes (BTEX); methyl tertiary butyl ether (MTBE); di-isopropyl ether (DIPE); ethyl tertiary butyl ether (ETBE); tertiary amyl methyl ether (TAME); tertiary butyl alcohol (TBA). If the gasoline tanks historically or currently contain methanol or ethanol, these compounds are also to be tested.

3. Analytical Test Methods and Detection Limits

Conform to Table 1 below. Report any concentration detected between the method detection limit (MDL) and estimated quantitation limit (EQL) for reporting limit (RL) in a numerical value with a "J" flag indicator. All "Non-Detect" (ND) shall be reported in the format with "< (numerical MDL)." Integrate all fuel oxygenate additive concentrations into total petroleum hydrocarbons (TPH) and report it as TPH. EPA Method 8021B may be used to substitute EPA Method 8260B at the sites where all fuel oxygenates have not been identified by EPA Method 8260B in soil and/or groundwater.

Table 1: Analytical Requirements

		Required MDL (Method detection limit)	
Analyte	Analytical Method	Soil (ug/kg)	Water (ug/L)
BTEX	EPA Method 8260B(8021B)	1	0.5
MTBE	EPA Method 8260B	2	1
DIPE	EPA Method 8260B	2	1
ETBE	EPA Method 8260B	2	1
TAME	EPA Method 8260B	2	1
TBA	EPA Method 8260B	20	10
TPHg	Cal-LUFT GC/FID or GC/MS	100-200	50-100
TPHd	Cal-LUFT GC/FID	1000	500
Methanol	Cal-LUFT GC/FID	1000	500
Ethanol	Cal-LUFT GC/FID(EPA8260B)	500	250

4. Use of EPA Method 5035 for Soil Samples

Apply EPA Method 5035A specified in the USEPA SW-846, (7/2002) for soil sample preparation and preservation in order to minimize volatile organic losses. Use the sample collection devices, or equivalent, specified in the method (e.g., the Encore™ sampler). If the Encore™ sampler is used, analyze sample within 48 hours from the collection. Analyze sample within 14 days for soil samples stored under frozen conditions.

5. Natural Attenuation Parameters

Natural attenuation processes include dispersion, dilution, sorption, volatilization, biodegradation, and chemical or biological transformation. A carefully controlled monitoring program for the natural attenuation can be used to confirm site-specific mass reduction and achieve remedial objectives. In order to test parameters to confirm the occurrence of natural attenuation, site characterization must be complete first.

5.1 Primary Natural Attenuation Criteria

Meet the following conditions prior to testing for the secondary natural attenuation parameters:

a) Groundwater contaminant plume must be fully defined.

b) Groundwater monitoring program on a quarterly basis must be completed for at least two years including data of MTBE and other oxygenates

c) Groundwater concentration has consistently decreased or been stable

d) Determination of site-specific hydraulic conductivity must be conducted. Refer the ASTM D4044-91 for the slug test procedures. Other field methods (e.g., pumping test) are also acceptable to determine hydraulic conductivity.

e) Characterization of MTBE and other oxygenates plume vertical extent must be completed with discrete multi-depth groundwater sampling at all groundwater vulnerable areas designated by the Board.

5.2 Secondary Natural Attenuation Parameters

Analyze the secondary natural attenuation parameters only after the primary natural attenuation criteria are met. Analyze the secondary natural attenuation parameters at all groundwater monitoring wells inside and outside of the plume. Conform to Table 2 below for parameters and testing methods

Table 2 Analytical Requirements for Secondary Natural Attenuation Parameters

Parameters	Test Method	Required MDL
pH	EPA Method 150.2 or Field instrument	n/a
Dissolved oxygen (DO)	EPA Method 360.1 or Field instrument	n/a
Redox potential (ORP)	Field instrument	n/a
Sulfate (SO_4)	EPA Method 300	5 mg/L
Nitrate (NO_3)	EPA Method 300	0.1 mg/L
Ferrous iron (Fe^{2+})	EPA Method 200	0.1 mg/L
Methane (CH_4)	EPA Method 8015(M)	5 µg/L

6. Electronic Submittal of Data Reporting

All analytical results shall be uploaded in an electronic format to the State GeoTracker Database.

NOTICE TO CLOSURE PERMIT APPLICANTS

The South Coast Air Quality Management District (SCAQMD) has adopted Rule 1166 regulating emissions of Volatile Organic Compounds (VOC) from decontamination of soil effective **August 5, 1988.**

In addition to the requirements of your Closure Permit, persons excavating any underground storage tank that previously contained VOCs must:

- Notify the SCAQMD by telephone at (909) 396-2326 or by fax at (909) 396-3342 using the SCAQMD notification form 24 hours prior to tank excavation. [1166(c)(4)(A)]
- Monitor the excavated material during the excavation for VOC contamination. [1166(c)(4)]
- When VOC contamination is detected:
  - Cease excavation.
  - Cover the contaminated soil until implementation of approved mitigation measures. [1166(c)(4)(C)]
  - Notify the SCAQMD at (909) 396-2326 within 24 hours of detection of VOC contaminated soil. [1166(c)(4)(A)]
- A person shall not engage in or allow any on- or off-site spreading of VOC contaminated soil which results in uncontrolled evaporation of VOC to the atmosphere. [1166(c)(3)]

Exemptions

- Treatment of less than one (1) cubic yard of contaminated soil. [1166(c)(1)(A)]
- Decontamination of soil containing organic compounds that have an initial boiling point of 302°F or greater, Reid Vapor Pressure less than 80 mm Hg or Absolute Vapor Pressure less than 36 mm Hg at 20°C. [1166(c)(1)(B)(i-ii)]
- Removal of soil for sampling purposes pursuant to Environmental Protection Agency methods. [1166(c)(1)(C)]
- Accidental spillage of five (5) gallons or less of VOC. [1166(c)(1)(D)]
- Documentation of soil which is contaminated through natural seepage of VOC from oil and gas wells or other natural sources. [1166(c)(1)(E)]

SPECIFIC QUESTIONS ON RULE 1166 SHOULD BE REFERRED TO THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (909) 396-2326

ATTENTION CONTRACTOR
NOTIFICATION/PERMIT REQUIREMENT COMPLIANCE

This Authorization is issued subject to compliance with all applicable laws and regulations relating to the performance of work including, but not limited to, business license requirements, Building Codes, Fire Codes, Air Quality regulations, Health and Safety Codes, Water Codes, and Transportation regulations.

Pursuant to Los Angeles County Code, Section 11.78.045, and the Conditions and Limitations of the attached Hazardous Substance Underground Storage Closure and/or New Construction/Addendum Authorization, you are required to complete **ALL** of the agency notifications indicated below within the time period specified prior to commencement of work.

**[X] 72 HOUR ELECTRONIC NOTIFICATION – DEPARTMENT OF PUBLIC WORKS, ENVIRONMENTAL PROGRAMS DIVISION

The owner/operator or contractor shall provide electronic notification to Public Works at least 72 working hours prior to the commencement of any of the following work:

- Closure Authorization Permit - Prior to sampling and backfilling any excavation
- New Construction/Addendum Permit - Prior to backfilling any excavation

Notifications shall only be made at the following link:

- http://dpw.lacounty.gov/GO/DPWJST/

[X] 48 HOUR (OR AS REQUIRED)–LOCAL FIRE DEPARTMENT FIRE PREVENTION INSPECTOR:

[X] City of Alhambra Fire Dept

[ ] Los Angeles County Fire Department

[X] 24 HOUR–SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

[X] SOUTH COAST AQMD – Rule 1149 and Rule 1166
Telephone: (909) 396-2326
Fax: (909) 396-3342

[ ] ANTELOPE VALLEY AQMD – Rule 1149 and Rule 1166
Telephone: (661) 723-8070

[ ] COUNTY SERVES AS BUILDING OFFICIAL, SEE ATTACHED

[X] CITY SERVES AS BUILDING OFFICIAL

FAILURE TO PROVIDE NOTICE AS REQUIRED ABOVE MAY RESULT IN PERMIT REVOCATION, ADDITIONAL SITE ASSESSMENT REQUIREMENTS, AND/OR ADMINISTRATIVE PENALTIES AS PROVIDED BY LAW.

** See attached closure permit supplement for Public Works notification requirements.

As a condition of the closure permit, it is required that the contractor create a profile in this office's electronic notification system in order to schedule inspections.

As of January 12, 2016

County of Los Angeles Department of Public Works Underground Storage Tank Electronic Notification system will now accept notifications for Emergency Repair Work, Prior to Backfill appointments and Closure appointment. Notifications shall only be made at the following link.



http://dpw.lacounty.gov/GO/DPW_UST/



Faxes, emails or Telephone calls will not be accepted.

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

ADDITIONAL CONDITIONS FOR UST CLOSURE/SITE ASSESSMENT

TITLE 23: CALIFORNIA CODE OF REGULATIONS - WATERS
DIVISION 3: STATE WATER RESOURCES CONTROL BOARD (SWRCB)
CHAPTER 30: ELECTRONIC SUBMITTAL OF INFORMATION

Article 1 – GENERAL PROVISIONS

Section 3890. General Intent, Content, and Applicability of Regulations

(a) The regulations in this Chapter are intended to provide electronic access to reports, including soil, vapor, and water data, prepared for the purpose of subsurface investigation or remediation of: (1) an unauthorized discharge or deposit of waste as defined in section 13050 of the Water Code, (2) an unauthorized release of a hazardous substance as defined in section 25281 of the Health and Safety Code, or (3) a discharge of waste to land subject to Division 2 of Title 27 or Division 3, Chapter 15, of Title 23 of the California Code of Regulations (CCR).

(b) The regulations in this Chapter require persons responsible for submitting certain reports to the State Board, a regional board, or a local agency to submit these reports electronically over the Internet to the State Board's Geotracker system.

(c) The requirements of this Chapter are in addition to, and not superseded by, any other applicable reporting requirements.

(d) Except as provided in Section 3895(b), the electronic reporting requirements of this Chapter are intended to replace requirements for the submittal of paper copies of reports, beginning July 1, 2005.

Authority cited: Sections 13196 and 13198(c), Water Code.

Reference: Sections 13196 and 13198, Water Code.

Article 2. - ELECTRONIC SUBMITTAL OF INFORMATION

Section 3891. Definition of Terms

"COELT" is the United States Army Corps of Engineers Loading Tool program. It is a relational database application that is designed to run with the Microsoft Windows operating system. COELT places laboratory data into the standardized Electronic Deliverable Format (EDF). The program can accept data from Laboratory Information Management System (LIMS) or manually entered data. COELT is an optional software application that is intended to help laboratories that require new software to produce the EDF data deliverable. COELT includes a report utility that allows hard copy laboratory reports to be printed that match the actual electronic data. For purposes of the requirements of this chapter, version 1.2a of COELT may be used. The program (coelt12i.exe) and documents (coelt 1.2i manual.zip) for version 1.2i of COELT are available through links provided at http://www.waterboards.ca.gov/ust "CSRS-H" is the California Spatial Reference System-Horizontal, which includes the High Precision Geodetic Network (HPGN), the High Precision Geodetic Network–Densification (HPGN-D) and other geodetic control positions. These control positions have been determined by Global Positioning System survey methods in accordance with first order or better standards and specifications from the Federal Geodetic Control Subcommittee (FGCS) of the Federal Geographic Data Committee. These control positions are published by the National Geodetic Survey, California Spatial Reference Center or its successor.

"EDCC" is the Electronic Deliverable Consistency Checker program, which was developed for the EDF 1.2i format, described below. The EDCC program is run upon completion of an EDF report and produces an error report. This error report identifies problems within the given data set based upon the EDF database structure, guidelines, restrictions, and valid values. The error report also indicates the nature of each problem, so that the submitter can correct them. For purposes of the requirements of this chapter, the interactive web-version 1.2i or personal computer version 1.2i of EDCC shall be used. Programs (edcc.zip and edccservicepack1.zip) for version 1.2i of EDCC are available through links provided at http://www.waterboards.ca.gov/ust.

"EDF" is the Electronic Deliverable Format, originally developed for the United States Army Corps of Engineers. It is a data standard designed to facilitate transfer of electronic data files from analytical laboratories to end-users. It is a relational database whose files are related to one another through key fields. Laboratories can produce electronic EDF files by using their own LIMS or COELT software. The data components include chain-of-custody information, laboratory results, and quality assurance information. For purposes of the requirements of this chapter, version 1.2i of EDF shall be used. Specifications for version 1.2i of EDF (The Electronic Deliverable Format [EDF] Version 1.2i data dictionary are available in Title 27, Division 3, Subdivision 2, Chapter 1 (Laboratory Results) CCR, through links provided at http://www.waterboards.ca.gov/ust.

"Geotracker" is the State Board's Internet-accessible database system used by the State Board, regional boards, and local agencies to track and archive compliance data from authorized or unauthorized discharges of waste to land, or unauthorized releases of hazardous substances from underground storage tanks. This system consists of a relational database, on-line compliance reporting features, a geographical information system (GIS) interface and other features that are utilized by the State Board, regional boards, local agencies, regulated industry and the public to input, manage, or access compliance and regulatory tracking data. Geotracker, initially known as the Geographical Environmental Information Management System (GEIMS) database, is available at http://geotracker.swrcb.ca.gov.

"PDF" means Portable Document Format. "PDF" files are self-contained and cross-platform documents. A PDF file will look the same on the screen and in print, regardless of what type of computer or printer a person uses or which software package originally created the file. Although PDF files contain the complete formatting of the original document, including fonts and images, they are highly compressed, allowing efficient transfer of complex information.

"Permanent monitoring well" means any artificial excavation by any method made for the purpose of monitoring fluctuations in groundwater levels, the quality of groundwater, or the concentration of contaminants in groundwater and which is used for at least thirty days.

"Report" means any document or item that is required for submittal in order for a person to comply with a regulation, directive, or order issued by the State Board, a regional board, or a local agency, including but not limited to, any analysis of material by a laboratory that has accreditation or certification pursuant to Article 3 (commencing with Section 100825) of Chapter 4 of Part 1 of Division 101 of the Health and Safety Code.

Authority cited: Sections 13196 and 13198 (e), Water Code.
Reference: Sections 13195 (b) and 13196, Water Code.

Section 3892. Reports

The following reports are subject to the requirements of this Chapter, when those reports are required for the purpose of subsurface investigation or remediation of: (1) an unauthorized discharge or deposit of waste as defined in section 13050 of the Water Code, (2) an unauthorized release of a hazardous substance as defined in section 25281 of the Health and Safety Code, or (3) a discharge of waste to land subject to Division 2 of Title 27 or Division 3, Chapter 15 of Title 23 of the California Code of Regulations (CCR).

(a) Reports submitted pursuant to Division 3, Chapter 16, Article 11 of Title 23 of the CCR.

(b) Reports submitted pursuant to Division 2 of Title 27 or Division 3, Chapter 15 of Title 23 of the CCR.

(c) Reports submitted pursuant to section 13304 of the Water Code.

(d) Reports submitted pursuant to section 13267 of the Water Code.

(e) Reports submitted pursuant to any order or directive of the State Board, a regional board or a local agency.

(f) Reports submitted pursuant to the Two-year Joint Cooperative Agreement Execution Plans under the Defense / State Memorandum of Agreement and Navy Cost Recovery Cooperative Agreement, for the State of California.

Authority cited: Sections 13196 and 13198 (c), Water Code

Reference: Sections 13196 (a) and 13198 (c), Water Code.

Section 3893. Electronic Submittal of Reports

(a) Persons responsible for submitting reports pursuant to this Chapter shall submit the following information described in subdivision (b) electronically over the Internet to the State Board's Geotracker system in conformance with data dictionaries found in Title 27, Division 3, Subdivision 2 (Monitoring and Release Information) and specifications contained in the State Water Resources Control Board EDF Guidelines and Restrictions (version 1.2) and Survey XYZ Guidelines and Restrictions (Version 6). These data dictionaries and documents are available through links provided at http: www.waterboards.ca.gov/ust.

(b) Data generated after the effective date of the regulations by chemical analysis of soil, vapor, or water samples (including surface water, groundwater and influent/effluent water samples from remediation systems), shall be submitted in EDF format. All data submitted in EDF format shall be checked for errors prior to and during submittal using the EDCC software consistency-checking tool. All data submitted in EDF format must pass this error-checking tool as well as meet normal regulatory requirements in order to be considered valid data. In addition, when required for reports subject to this Chapter, the following shall also be submitted electronically:

(1) The latitude and longitude of any permanent monitoring well for which data is reported in EDF format, accurate to within 1 meter and referenced to a minimum of two reference points from the California Spatial Reference System (CSRS-H), if available.

(2) The surveyed elevation relative to a geodetic datum of any permanent monitoring well.

(3) The elevation of groundwater in any permanent monitoring well relative to the surveyed elevation

(4) A site map or maps showing the location of all sampling points referred to in the report.

(5) The depth to the screened interval and the length of screened interval for any permanent monitoring well.

(6) Boring logs, in PDF format.

(7) A complete copy of the report, in PDF format, which includes the signed transmittal letter and professional certification.

(c) All deadlines and timeframes for submittals of reports are applicable to the information submitted electronically pursuant to this Chapter.

Authority cited: Sections 13196 and 13198 (c), Water Code.

Reference: Sections 13196 and13198 (c), Water Code.

Section 3894. Timing of Electronic Reporting Requirements

(a) Electronic submittals of information for sites subject to the requirements of Title 23, Division 3, Chapter 16, Article 11 of the California Code of Regulations, shall begin on December 16, 2004.

(b) Unless otherwise specifically noted, all other electronic submittals required pursuant to this Chapter shall begin January 1, 2005.

(c) Until July 1, 2005, the electronic reporting requirements of this Chapter are in addition to any existing paper or other reporting requirements.

Authority cited: Sections 13196 and 13198 (c), Water Code.

Reference: Sections 13196 (a) and 13198 (c), Water Code.

Section 3895. Submittal of Alternate Forms of Reports

(a) Beginning July 1, 2005, the successful submittal of electronic information in accordance with this Chapter shall replace the requirement for the submittal of a paper copy, except as provided in subdivision (b).

(b) In addition to the electronic submittal of reports required pursuant to this Chapter, a regulatory agency may require the submittal of a report, or portions thereof, in diskette, compact disc or other form if the agency determines that the alternative form is necessary. The burden, including cost, of these alternative forms shall bear a reasonable relationship to the need for alternative form and benefits to be obtained from the alternative form.

Authority cited: Sections 13196 and 13198 (c), Water Code.

Reference: Sections 13196 (a) and 13198 (c), Water Code

NOTICE: Original paper reports with wet ink signature and seal must continue to be submitted to this office pursuant to CCR Title 23, Division 3, Chapter 30, Article 2, Section 3895 (b), regardless if such report is required by regulation to be electronically uploaded to Geotracker.

N

(E) GENERATOR BLDG

(E) 2K DIESEL UST

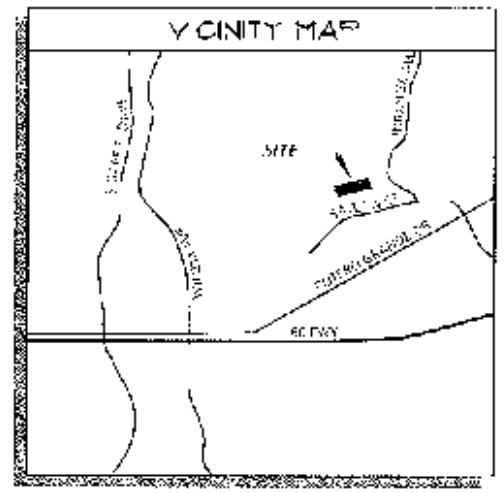
(E) 6K DIESEL UST

(E) 10K GASOLINE TANK

(E) BLDG

(E) BLDG

VICINITY MAP



SCOPE OF WORK

1. EXCAVATE AND EXPOSE (2) 10,000G AND (1) 2,000G DIESEL UNDERGROUND STORAGE TANKS AND ATTACHED PIPING, RETURN AND VENT PIPING
2. PURGE PRODUCT PIPING BACK TO TANKS PROPERLY VENT AND CLEAN TANKS, REMOVE ALL ATTACHED PIPING, LOAD ALL (2) TANKS, AND HAUL OFF FOR DESTRUCTION AT AN APPROVED FACILITY.
3. GEOLOGIST SHALL INSPECT SOIL EXCAVATION AS DIRECTED BY CAPTAIN AND TRANSMISSION SAMPLES TO LAB FOR ANALYSIS. SUBMIT CLOSURE REPORT WITHIN 90 DAYS
4. BACKFILL EXCAVATIONS AND RE-PAVE TO MATCH EXISTING

NOTES:

GRAPHIC SCALE

REVISIONS

SoCal Compliance

CONTRACTOR

PROJECT:
BRE CA SATURN LLC
1977 SATURN STREET
MONTEREY PARK, CA 91755

SITE PLAN

DATE: 10.22.18

SCALE: AS SHOWN

DRAWN BY: S. BURNS

FILE: 1977SATURN

SP-1

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

www.CleanLA.org

ENVIRONMENTAL PROGRAMS DIVISION
NOTICE OF VIOLATION ORDER TO COMPLY

Date: 11-15-16 Permit: 812530

Owner/Operator: KAIYUNG JUNES Site/Fac: 006994 - 062151

Site Name: ~~1977~~ 1977 SATURN Violation #: 8470916

Site Address: 1977 SATURN ST City, Zip: MONTEREY PARK, CA. 91755

Mailing Address: 801 N BRAND AVE SUITE 220 City, Zip: GLENDALE, CA. 91203

A recent inspection of your facility revealed the following conditions and/or practices relating to hazardous substance underground storage tanks (USTs) which are in violation of California Health and Safety Code (CH&SC) Chapter 6.7 and/or 6.11, Los Angeles County Code (LACC) Title 11 Division 4 or applicable conditions and limitations of the above permit. YOU ARE HEREBY DIRECTED to submit to the office indicated below the following items checked:

☐ OPERATING WITHOUT A CERTIFIED/OPERATING MONITORING SYSTEM – CH&SC 25290

YOU ARE HEREBY DIRECTED to have the monitoring system and the UST system certified, tested and its results reviewed by this office no later than 7 days from the date of this Notice and the contents of all UST systems are to be removed within this time period.

☐ MISSING TEST RESULTS / DOCUMENTS – Required testing/items must be conducted and results reviewed by this office

- ☐ Secondary Containment Testing
- ☐ Tank Integrity Testing
- ☐ Corrosion Protection Certification
- ☐ AB 2481 Testing
- ☐ Line Testing
- ☐ Line Leak Detector Testing
- ☐ Facility Employee Training
- ☐ Missing Designated Operator Monthly Form(s)
- ☐

☑ REQUIRED DOCUMENTS / ITEMS MUST BE SUBMITTED TO THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) –

- ☐ Facility Information Page
- ☐ Tank Information Page
- ☐ Tank Plot Plan
- ☐ Financial Responsibility Certification
- ☐ Chief Financial Officer Letter
- ☐ Owner Statement of Designated Operator
- ☐ Monitoring Plan
- ☐ Response Plan
- ☐ Owner/Operator Agreement
- ☑ Corrections needed as outline in the attached CERS printout
- ☐

YOU ARE FURTHER DIRECTED to submit to the office below evidence of compliance with the above directives by no later than fifteen (15) days from the date of this Notice. Unless otherwise noted above, failure to comply with the Underground Storage Tank laws and regulations may subject you to a civil penalty of not less than $500 or more than $5000, or by one year in county jail or both. Finally, pursuant to Title 11 of the Los Angeles County Code, Sections 11.72.015 and 11.96.020, it is a misdemeanor to violate any of the laws and regulations governing USTs including provisions of CH&SC, Division 20, Chapter 6.7 and 6.11 and regulations that are set forth in the CCR, Title 23, Division 3, Chapter 16. Failure to comply with this Notice may therefore result in criminal prosecution. Furthermore, a reinspection fee may be imposed to recover the cost incurred by this Department in the enforcement of LACC.

If you have any questions regarding this matter, please contact: LAUREN MARANAGE ☑ Monday through Friday, 8 a.m. to 9:30 a.m. or ☐ Monday through Thursday, 7 a.m. to 8:00 a.m. at (323) 890-4145

Inspected By: _____ Signature

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
EAST LOS ANGELES DISTRICT OFFICE
4801 E. 3RD STREET
LOS ANGELES, CA 90022-1601

Receipt of a copy of this report acknowledged by: EMPLOYEE TO KAIYUNG JUNES

Print name: _____ Title: _____

Signature: _____ Date: _____

OFFICE COPY

"To Enrich Lives Through Effective And Caring Service"

www.CleanLA.com

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
UNDERGROUND STORAGE TANK (UST) UNIT
UST INSPECTION REPORT

Date:	11/22/2016	Permit Number:	842830
Site Name:	1977 SATURN	Site-File Number:	6994 - 62151
Street Address:	1977 Saturn St.	City/Zip Code:	Monterey Park / 91755
Facility Contact:	DEAN CHRISTIAN	Inspection Number:	843516
Phone Number:	323 518 2911	Inspected By:	William Edwards

Refer to Title 23 of the California Code of Regulations (CCR), Chapters 6.7 of the Health and Safety Code (CHSC), Title 11, Division 4 of the Los Angeles County Code (LACC)

CERS ID #: 10268983

The following Code sections are either in violation (V) of, or in compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable (N).

	Own ID: #1 Diesel East	Own ID: #2 Diesel West	Own ID: 2K Diesel	Own ID:	Own ID:
Tank Manufacturer	Owens Corning	Owens Corning	Modern Welding		
Contents	Diesel	Diesel	Diesel		
Install Date	01/01/1991	01/01/1980	01/01/1990		
Size	10,000 Gallons	10,000 Gallons	2,000 Gallons		

	TYPE ID	INSPECTION ITEM	V	C	N	V	C	N	V	C	N	V	C	N	V	C	N
		ADMINISTRATION / DOCUMENTATION															
1	2030078	Copy of the UST permit to operate maintained at the facility		V			C				N						
2	2030021	Facility has a valid permit to operate from the CUPA		V						C				N			
3	2010007	Financial Responsibility current and on file? exp. 4/24/17		V						C				N			
4	2010010A	Submitted an accurate CUPA UST Operating Permit Application for Facility Info.		V						C				N			
5	2010010B	Submitted an accurate CUPA UST Operating Permit Application for Tank Info.		V			C				N						
6	2010003	Has the owner/operator designated a UST operator and or change within 30 days		V				C			N						
7	2030014A	Owner/operator received approval for a training program at an unstaffed facility		V			C				N						
8	2030014B	Owner/operator implemented the approved training program		V				C			N						
9	2030037	Written agreement between the tank owner and tank operator to monitor the tank system is maintained		V			C				N						
10	2030041	A complete and accurate plot plan has been submitted, approved and maintained		V				C			N						
11	2030046	A complete and accurate response plan has been submitted, approved and maintained		V			C				N						
12	2010014	A complete and accurate response plan has been submitted and approved.		V			C				N						
13	2030007	Did they submit and maintain documentation regarding positive statement of compatibility for UST system components		V			C				N						
14	2010008D	Have they maintained written performance claims pertaining to release detection systems and calibration and maintenance records for such systems for 5 years		V			C				N						
15	2030068	Was enhanced leak detection testing conducted for the double-walled UST systems located within 1,000 feet of a public drinking water well		V			C				N						
16	2030066	Was appropriate action taken to repair and retest any component of a double-walled UST system that is leaking liquid or vapor which is discovered from an enhanced leak detection test for UST system located within 1,000 feet of a public drinking water well		V			C				N						
17	2010008A	Have they maintained records of repairs, lining, and upgrades for life of UST	X			X			X								
18	2010008B	Have they maintained written monitoring and maintenance records for 3 years	X			X			X								
19	2010008C	Have they maintained cathodic protection records for 6 1/2 years			X			X			X						
20	2030033	Is an approved monitoring plan maintained.	X			X			X								
21	2010013	A complete and accurate monitoring plan has been submitted and approved	X			X			X								
22	2030002A	Has monitoring system been certified annually 2015	X			X			X								
23	2030074	Has the owner/operator submitted the annual Monitoring system Certification Form to the CUPA within 30 days of testing.	X			X			X								
24	2030055	Have spill buckets been tested annually	X			X			X								
25	2010012	Maintained UST records of monitoring, testing, repairing and closure.	X			X			X								
26	2030077	Unauthorized release report / notification given to the Local Agency via CERS			X			X			X						

Site-File Number: 6994 - 62151

Inspection Number: 843516

Date: 11/22/2016

	TYPE ID	INSPECTION ITEM	Own ID #1 Diesel East Contents Diesel			Own ID #2 Diesel West Contents Diesel			Own ID 2K Diesel Contents Diesel			Own ID Contents			Own ID Contents		
			V	C	N	V	C	N	V	C	N	V	C	N	V	C	N
27	2030048A	Was secondary containment testing conducted within 6 months of install/repair			X			X			X						
28	2030048B	Has secondary containment testing been conducted every 36 months	X			X			X								
29	2010009	Has secondary containment test been submitted within 30 days	X			X			X								
30	2030064	Was notification given 48 hours prior to testing (**local agency requires 72 hours)		X			X			X							
31	2060024	UST system is made of or lined with materials that are compatible with the substance stored		X			X			X							
		DESIGNATED OPERATOR															
32	2010004A	Have they maintained a copy of monthly designated operator reports for 12 consecutive months		V			C				N						
33	2010015	Maintained a list of employees trained by the Designated Operator		V			C				N						
34	2030012A	Has training been provided to facility employee(s) responsible for proper operation and maintenance every 12 months		V			C				N						
35	2030012B	Did they train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire		V			C				N						
36	2030012C	Is there at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system		V			C				N						
37	2030013A	Was the monthly alarm history report inspected by the designated operator		V			C				N						
38	2030013B	Was a copy of the alarm history report attached to the monthly designated operator report		V			C				N						
39	2030013C	Was the spill container/spill bucket inspected for the presence of liquid/debris by the designated operator		V			C				N						
40	2030013D	Was the UDC inspected by the designated operator for the presence of liquid/debris		V			C				N/						
41	2030013E	Was the UDC inspected by the designated operator to ensure that monitoring equipment is placed in the proper position		V			C				N/						
42	2030013F	Did the designated operator inspect for liquid/debris in the containment sump where an alarm occurred		V			C				N/						
43	2030013G	Did the designated operator inspect the containment sump for liquid/debris for which there is no record of a service visit		V			C				N/A						
44	2030013H	Has all testing and maintenance been completed and documented		V			C				N						
45	2030001	Were leak detection alarm logs, maintenance and records of appropriate follow-up actions maintained		V			C				N						
		UST															
46	2030076	Tank system in below-grade structure met the conditions to exempt from UST regulations			X			X			X						
47	2030043	Has the leak detection equipment been properly programmed and properly operated			X			X			X						
48	2030016A	Is the interstitial space of the tank continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected			X			X		X							
49	2030034	Was a tag/sticker properly affixed to the monitoring equipment being certified, repaired, or replaced		X			X			X							
50	2030003	Leak detection system maintains an audible and visual alarm		X			X			X							
51	2060027	Maintain primary containment as product-tight		X			X			X							
		LINED TANKS						X Check this box is following section is N/A									
52	2030028A	Was a proper written tank lining certification submitted															
53	2030028B	Was a tank integrity test performed															
54	2030028C	Was a vacuum test performed following lining															
55	2030028D	Did they employ a proper coatings expert and/or special inspector															
56	2030029	Lined or repaired steel tank was inspected within 10 years of lining and every 5 years after															
57	2010002A	Have they maintained records of cathodic protection systems testing conducted within six months of installation and at least every three years thereafter															
58	2010002B	Have they maintained records for the 60 calendar day inspection of the impressed-current system															
59	2010002C	Have they maintained records for sacrificial anodes testing every three years															

Site-File Number: 6994 - 62151

Inspection Number: 843516

Date: 11/22/2016

	TYPE ID	INSPECTION ITEM	Own ID #1 Diesel East Install Date 01/01/1991 Contents Diesel			Own ID #2 Diesel West Install Date 01/01/1980 Contents Diesel			Own ID 2K Diesel Install Date 01/01/1990 Contents Diesel			Own ID Install Date Contents			Own ID Install Date Contents		
			V	C	N	V	C	N	V	C	N	V	C	N	V	C	N
		SINGLE WALLED TANK MONITORING									☐ Check this box is following section is N/A							
60	2010002D	Do they have written monitoring and maintenance records on-site or off-site at a readily available location if approved	X			X					X							
61	2030004	Automatic tank gauge test the tank at least once per month at 0.1 gallons per hour		X			X				X							
62	2030005	The 0.2 gallons per hour continuous in tank leak detection performed		X			X				X							
63	2030006A	Monthly 0.2 gallons per hour automatic tank gauging performed		X			X				X							
64	2030006B	Did the automatic tank gauge generate and print a hard copy of the monthly 0.2 gph test		X			X				X							
65	2060004A	Is UST corrosion protection installed		X			X				X							
66	2060004B	Does field-installed cathodic protection meet the consensus standards		X			X				X							
67	2030009A	Was the impressed-current system inspected every 60 calendar days			X			X			X							
68	2030009C	Was the impressed-current system inspected by a cathodic protection tester within six months of installation and at least every three years thereafter			X			X			X							
69	2030009D	Were the sacrificial anodes checked by a cathodic protection tester once every three years in accordance with the manufacturer's instructions			X			X			X							
70	2030015	Facility exhibited that the method used to monitor the tank meets the monitoring methods in 2643(f)	X			X					X							
71	2060002	Automatic tank gauging/continuous in tank leak detection system installed/properly functioning		X			X				X							
		DOUBLE WALLED PRE 2003 TANKS									☐ Check this box is following section is N/A							
72	2060005	Was system constructed with a monitoring system capable of detecting entry into secondary containment			X			X		X								
		TANKS 2003 - PRESENT									☑ Check this box is following section is N/A							
73	2060008	Was enhanced leak detection testing performed before the tank was placed in use																
74	2060022A	Is the UST system installed on or after July 1, 2003 and before July 1, 2004, and designed and constructed with a monitoring system capable of detecting the entry of the hazardous substance stored in the primary containment into the secondary containment (Including Vent/Vapor Piping)																
75	2060022B	Is the UST system installed on or after July 1, 2003 and before July 1, 2004, and capable of detecting water intrusion into the secondary containment (Including Vent/Vapor Piping)																
76	2030065	Is the interstitial space maintained under constant vacuum, pressure, or hydrostatic conditions, such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance stored in the UST tank is released into the environment? (VPH - 7/2004)																
77	2060023	Is the UST system installed on or after July 1, 2004, and designed and constructed so as to detect the entry of the liquid or vapor-phase of the hazardous substance stored in the primary containment into the secondary containment and capable of detecting water intrusion into the secondary containment (VPH)																
		SPILL BUCKETS																
78	2060020A	Are spill buckets installed		X			X			X								
79	2060020B	Does the spill bucket/container have a functional drain valve or other liquid removal method		X			X			X								
80	2060020C	Is the spill bucket resistant to galvanic corrosion		X			X			X								
		SUMPS																
81	2030008C	Are the sumps in good condition (worn penetration fittings)	X			X			X									
82	2030008D	Are the sumps free of debris/liquid		X			X			X								
83	2030008E	Is the secondary containment in good condition			X			X		X								
84	2030008F	Is the secondary containment free of debris/liquid			X			X		X								
85	2030040	Is the secondarily contained piping allowed to drain back into the sump in the event of a leak			X			X		X								

Site-File Number: 6994 - 62151

Inspection Number: 843516

Date: 11/22/2016

	TYPE ID	INSPECTION ITEM	Own ID #1 Diesel East Contents Diesel V	C	N	Own ID #2 Diesel West Contents Diesel V	C	N	Own ID 2K Diesel Contents Diesel V	C	N	Own ID Contents V	C	N	Own ID Contents V	C	N
86	2030016C	Are the sumps continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected		X			X			X							
87	2030062	Is leak detection equipment set up such that the monitoring system would detect a leak at the earliest opportunity and/or alert the owner/operator of a leak (** exludes test port location at 6 o'clock postion, see line 130)		X			X			X							
88	2060015	Are the sensors located in the proper position/location		X			X			X							
		UDC															
89	2030008A	Are the UDCs in good condition	No UDC's														
90	2030008B	Are the UDCs free of debris/liquid															
		Sensor Model # or Type															
		OVERFILL PROTECTION															
91	2030035	Was the UST system operated to prevent spills and/or overfills		X			X			X							
92	2030036A	**Overfill prevention system to meet one of the following requirements:** 1. Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm (Ball float or external alarm at 90%); **or**			X			✓			X						
93	2030036B	2. Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills (Ball float and external alarm); **or**			X			X			X						
94	2030036C	3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity (Flapper at 95%); **or**		X			X			X							
95	2030036D	4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling (Flapper below tank top fitting)		X			X			X							
		LINE LEAK DETECTORS															
96	2030075	Does the emergency generator system meet requirement for no LLD: system has audible and visual alarm, monitoring system is checked daily and/or logged.			X			X			X						
97	2060012	Does the pressurized piping system have a line leak detector installed			X			X			X						
		PIPING															
		Single walled Pressurized Piping				X Check this box is following section is N/A											
98	2030027	Does the pump shut down when a leak is detected or when line leak detector is disconnected (Positive shutdown/failsafe)															
99	2030052	Was pressurized pipe containing motor vehicle fuel monitored at least hourly at any pressure and a 0.2 gph monthly line integrity test or 0.1 gph annual line integrity test performed															
		Single Walled Conventional Suction Piping				X Check this box is following section is N/A											
100	2030049	Was daily monitoring conducted for air in the pipe and were the results logged															
101	2030050	Was a 0.1 gph piping integrity test conducted every three years															
		Single Walled Gravity Piping				X Check this box is following section is N/A											
102	2030051	Was a 0.1 gph piping integrity test or overfill integrity test conducted every two yrs.															
		Single Walled Safe Suction Piping				X Check this box is following section is N/A											
103	2030053A	Does piping drain back into UST if the suction is released															
104	2030053B	Does piping have a check valve on the piping located directly below the suction pump															
		Double Walled Pressurized Piping				X Check this box is following section is N/A											
105	2030042A	Was an annual line integrity test performed for pressurized pipe that does not utilize fail safe or shut down															
106	2030042B	Was a passing result achieved on the annual line integrity test for pressurized pipe that does not utilize fail safe or shut down															
107	2030016B	Is the piping continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected															
108	2030017	Product piping outside the UDC is fail-safe and shuts down the pump or restricts flow															

Site-File Number: 6994 - 62151

Inspection Number: 843516

Date: 11/22/2016

	TYPE ID	INSPECTION ITEM	Own ID #1 Diesel East Contents Diesel V	C	N	Own ID #2 Diesel West Contents Diesel V	C	N	Own ID 2K Diesel Contents Diesel V	C	N	Own ID Contents V	C	N	Own ID Contents V	C	N
109	2030018	Is the double wall pressurized piping in the turbine sump continuously monitored with a system that activates an audible and visual alarm or restricts or stops flow at dispenser when a leak is detected															
110	2030025A	Is the pressurized piping able to monitor at least hourly with the ability to detect of release of 3.0 gph or trigger an audible/visual alarm															
111	2030025B	Does the pressurized piping restrict product flow through the piping when a release occurs															
112	2030025C	Does the pressurized piping trigger an alarm when a release occurs															
		Other Piping															
113	2030020	Unburied fuel piping (connected to an emergency tank system) visually inspected at least monthly and log kept	X			X			X								
114	2030020X	Buried fuel piping connected to an emergency generator tank systems, the monitoring system checked at least daily by either remote electronic access or visually inspected and log kept onsite	X			X			X								
115	2030032	Unburied Marina piping conducting daily visual inspection and maintaining a log.			X			X			X						
		ENFORCEMENT															
116	2030044	Did the owner/operator deposit or allow the deposit of petroleum into a UST that has a red tag affixed to the fill pipe			X			X			X						
117	2030045	Has the Red Tag been removed, defaced, altered, or otherwise tampered with so that the information on the tag is not legible			X			X			X						
118	2030063	Were temporary closure requirements complied with			X			X			X						
119	2030038	Were permanent closure requirements complied with			X			X			X						
120	2030061	Was a suspected or actual unauthorized release recorded and/or reported in an appropriate time frame			X			X			X						
121	2010006	Owner/Operator has not made false statements or representation on any required document			X			X			X						
122	2030039	Did they comply with all of the operating permit conditions															
		MAINTENANCE															
123	2030059	UST system maintained in accordance with exclusion/exemption status for EGT			X			X			X						
124	2030047	Secondary containment maintained tight and has been confirmed by testing			X			X	X								
125	2060001	Were as-built plans submitted for the location and orientation of the tanks and appurtenant piping systems for new installations and/or with the permit application			X			X			X						
126	2060007	Was non-integral secondary containment designed and constructed to an engineering specification approved by a registered professional engineer or in accordance with a nationally recognized industry code or engineering standard			X			X			X						
127	2060021	Is a striker plate installed & positioned correctly under any opening that could be used for manual dipsticking or do they have a drop-tube mounted bottom protector		X			X			X							
128	2010005	Were enhanced leak detection testing results submitted to the board and the local agency within 60 days of test completion			X			X			X						
129	2030073	Corrective items noted by on an inspection report have been returned to compliance	X			X			X								
130	2010	System is able to detect a leak at the earliest opportunity with the test port at the 6 oclock position or the test boot pulled back		X			X			X							

Check this box is following section is N/A

INSPECTION

Monitoring System Manufacturer's Name and Model #	VR TLS 350					
Product Piping Manufacturing	A.O. Smith					DW or SW (circle one)
Line Leak Detector Model #	NA	NA	NA			
Fill Sump Sensor Model #	VR204	VR204	VR204			
Piping Sump Sensor Model #	VR351	VR351	VR351			
Annular Space Sensors	NA	NA	VR344			
Sump Sensor Model #	—					

Site-File Number: 6994 - 62151

Inspection Number: 843516

Date: 11/22/2016

TYPE ID	INSPECTION ITEM	Own ID #1 Diesel East Contents Diesel			Own ID #2 Diesel West Contents Diesel			Own ID 2K Diesel Contents Diesel			Own ID Contents			Own ID Contents		
		V	C	N	V	C	N	V	C	N	V	C	N	V	C	N
	COMMENTS															
131																
132																
133																
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142																
143																
144																
145																
146																

☐ Receipt of a copy of this report acknowledged by : _____
PRINT NAME SIGNATURE DATE

☒ Emailed a copy of this report to Dean_Christian@equityoffice.com 11/23/16
EMAIL ADDRESS DATE

(Dean Christian)

TRANS: INSP HMS INSPECTION DISPLAY/UPDATE OPER: E624488
PROG: PWC160 11/23/16 12:34:07

ACTION: _ (A)DD (C)HANGE (D)ELETE (B)ROWSE A(S)SC # BROWSE
FILE #: 006994 062151 NAME: 1977 SATURN SEC? N STAT: PERM
STREET #: 1977 FR: DR: NAME: SATURN SF: ST UN:
CITY: MONTEREY PARK ZIP: 91755 7418 AREA: 3M TEL: 818 334 2241
INSP #: I 000843516 INSP TYPE: T SCHI INSP DT: 093016 INSP DISP: FOL3
ASSC #: P 000842830 ASSC # TYPE: T 0 ASSC # DT: 060993 ASSC # DISP: PERM

INSP PROC: UST/ANNUAL SAMP REQ? _ SELF MONT? _

INSP INFO: CTLS_&_SB989_112216_W/GEORGE_BRYANT_CONSTRUCTION,_INC._____
TECH:RONALD_FRANKLIN,ICC_5243708_EXP_052418._____

RESULTS: 2012_SB989_REPAIR_NOT_DONE,A742663_CANCELLED;NO_OP_PERM_ON-SITE;CERS
CORR:SEE_P_DRIVE;CTLS/SB989_EXP(NO_2015_CTLS_ON_FILE);NOVC_ISSUED.__
OF VIOLS FOUND: 66 COMPLY DT:

ASSIGN DT: 093016 DUE DT: 103016 ASSIGN TO: 47913_ AREA39
START DT: _____ COMP DT: 112216 COMP BY: 47913_ WE____
DMS LINK: HTTP://PWIIS01/SPDMS/HMS.ASPX?DOCNO=000843516&DOCTYPE=INSP
LAST TRAN/DATE/OPER: INSP 112316 E624488
UPDATE COMPLETED - VERIFY PERMIT LAST INSPECTION DATE

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

Solid Waste Program

ENVIRONMENTAL PROGRAMS DIVISION
NOTICE OF VIOLATION ORDER TO COMPLY

Date 11/23/16

Owner/Operator Dean Christian

Site Name 1977 Saturn

Site Address 1977 Saturn St.

Mailing Address 401 N. Brand Ave. Ste 220

Permit #42830

Site/File 6994-62151

Violation # 647333

City/Zip Monterey Park, 91755

City/Zip Glendale, 91203

A recent inspection of your facility revealed the following conditions and/or practices relating to hazardous substance underground storage tanks (USTs) which are in violation of California Health and Safety Code (CH&SC) Chapter 6.7 and/or Title 11 Los Angeles County Code (LACC) Title 11 Division 4 and/or the conditions and limitations of the above permit. YOU ARE HEREBY DIRECTED to submit to the office indicated below the following items checked:

X OPERATING WITHOUT A CERTIFIED/OPERATING MONITORING SYSTEM CH&SC 25293

(1) YOU ARE HEREBY DIRECTED to have the monitoring system and the UST system each tested annually and the results received by this office no later than 7 Days from the date of this Notice or the contents of all UST systems are to be removed within this time period.

X MISSING TEST RESULTS / DOCUMENTS – Required testing/items must be conducted and results received by this office.

- X Secondary Containment Testing (2)
- ☐ Tank Integrity Testing
- ☐ Corrosion Protection Certification
- ☐ AB 2481 Testing
- ☐ Line Testing
- ☐ Line Leak Detection Testing
- X Facility Employee Training
- X Missing Designated Operator Monthly Form(s)
- X Underground Storage tank operating permit (keep on site)

X REQUIRED DOCUMENTS / ITEMS MUST BE SUBMITTED TO THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) –

- ☐ Facility Information Page
- X Tank Information Page
- ☐ Tank Diagram
- ☐ Financial Responsibility Certification
- ☐ Chief Financial Officer Letter
- X Owner Statement of Designated Operator
- ☐ Monitoring Plan
- X Response Plan
- X Certain/Corrosion Agreement
- X Corrections needed as outlined on the attached CERS printout
- ☐ _____

X OTHER

(1) You are required to submit your monitoring system certification test results for 2015 and 2016.

(2) A permit may be required to make repairs on previously failing items.

YOU ARE FURTHER DIRECTED to submit to the office below evidence of compliance with the above directives by no later than fifteen (15) days from the date of this Notice unless otherwise directed above. Failure to comply with the Underground Storage Tank laws and regulations may subject you to a civil penalty of not less than $500 or more than $5000, or by one year in county jail or both. Finally, pursuant to Title 11 of the Los Angeles County Code, Sections 11.72.045 and 11.36.020, it is a misdemeanor to violate any of the laws and regulations governing USTs, including provisions of CH&SC, Division 20, Chapter 6.7 and 6.11 and regulations that are set forth in the CCR, Title 23, Division 3, Chapter 16. Failure to comply with this Notice may therefore result in criminal prosecution. Furthermore, a noncompliance fee may be imposed to recover the costs incurred by the Department in the enforcement of LACC.

If you have any questions regarding this matter, please contact William Edwards at (626) 652-8605 X Monday through Friday, 8 a.m. to 5:00 p.m. or ☐ Monday through Thursday, 7 a.m. to 5:30 p.m.

Inspected By: _____ Signature

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
EAST LOS ANGELES DISTRICT OFFICE
4301 E. 3RD STREET
LOS ANGELES, CA 90022-1601

Receipt of a copy of this report is acknowledged by:

Print name: Emailed to Dean Christian Title: (Dean_Christian@equityoffice.com)

Signature: on 11/23/16 Date:

(Refusal to sign does not affect the validity of this report.)

OFFICE COPY

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

MARK PESTRELLA, Director

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
http://dpw.lacounty.gov

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE
REFER TO FILE EP-1
006994-062151

June 7, 2017

Mr. Dean Christian
BRE CA Office Owner LLC
801 North Brand Avenue, Suite 220
Glendale, CA 91203-3245

Dear Mr. Christian:

NOTICE OF RED TAGGING AND ORDER TO COMPLY (V861516)
NONCOMPLIANT UNDERGROUND STORAGE TANK
1977 SATURN
FACILITY LOCATED AT 1977 SATURN ST, MONTEREY PARK

A review of office records indicates 1977 Saturn has failed to comply with the following Notices:

- Notice of Violation and Order to Comply (V834769) dated June 20, 2016
- Notice of Violation and Order to Comply (V847096) dated November 15, 2016
- Notice of Violation and Order to Comply (V847333) dated November 23, 2016

Pursuant to California Code of Regulations (CCR), Title 23, Division 3, Chapter 16; California Health and Safety Code (CH&SC), Division 20, Chapter 6.7 and 6.11, and Los Angeles County Code (LACC), Title 11, Division 4, 1977 Saturn is directed to fully comply with this Notice and correct the following outstanding underground storage tank (UST) violation:

Records indicate that the UST's are out of service and temporary closure permit A842831 expired on April 24, 2017. Pursuant to the CH&SC, Division 20, Chapter 6.7, and LACC, Title 11, Division 4, no person shall abandon, or temporarily cease operating a UST system.

UST permanently taken out of service (Removed). In order to place the USTs permanently out of service, the following items are required to be submitted to this office:

1. completed and signed Permanent Closure Permit Application (enclosed)
2. closure application fee of $1,182 payable to the County of Los Angeles Department of Public Works
3. a plot plan to scale showing the location of the tank(s) in relation to other structures or equipment
4. Verify that all Unified Program (UP) form data is accurate and uploaded to the California Environmental Reporting System (CERS) https://cers2.calepa.ca.gov/Account/SignIn?ReturnUrl=%2F, including all UP UST Facility Information data, UP UST Tank Information data, for each UST and UST Monitoring Plan data, UST Response Plan, Certificate of Financial Responsibility and Owner Statement of Designated Operator.
5. documentation that the contents of USTs have been properly removed

You are directed to submit all correspondence items to our office no later than June 19, 2017.

1977 Saturn is cautioned that the fees quoted are based on a review of office records indicating three USTs exist at the facility; should the number of USTs at the facility differ, additional fees will be required.

Additionally, pursuant to CCR, Title 23, Division 3, Chapter 16, Article 10.5, Section 2717(a)(3), 1977 Saturn has engaged in a pattern of neglect or disregard with respect to the requirements of the CH&SC, Division 20, Chapter 6.7, resulting in a "significant violation". Therefore, pursuant to CH&SC, Division 20, Chapter 6.7, Section 25292.3, 1977 Saturn is notified that failure to comply entirely with this Notice will result in inspectors from this office affixing red tags to the USTs at the facility on or after June 20, 2017. No owner or operator of a facility may deposit or allow the deposit of petroleum into a UST system that has a red tag affixed to the system's fill pipe.

Furthermore, pursuant to the CH&SC, Division 20, Chapter 6.7, as well as the LACC, any operator or owner of a UST system may be liable for civil or administrative penalties of as much as five thousand dollars ($5,000) for each UST, for each day of a violation.

Additionally, pursuant to LACC, Title 11, Division 4, Sections 11.82.014 and 11.82.040, upon determination that significant violations(s) exist for any UST, if a Red Tag is

affixed to said UST(s) a permit noncompliance fee of $1,486 shall be collected from the permittee. The permit noncompliance fee is separate from and in addition to any civil or criminal fines or penalties that may also be imposed for violations.

Finally, pursuant to LACC, Title 11, Division 4, Sections 11.72.045 and 11.86.020, it is a misdemeanor to violate any of the laws and regulations governing USTs, including provisions of CH&SC, Division 20, Chapter 6.7, and regulations that are set forth in the CCR, Title 23, Division 3, Chapter 16. Failure to comply with this Notice may therefore result in criminal prosecution.

Your cooperation in this matter is appreciated. If you have any questions, please contact Mr. Joseph Balocco at (626) 458-3559, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

MARK PESTRELLA
Director of Public Works

TIM SMITH
Senior Civil Engineer
Environmental Programs Division

JCB:ak
P:\Sec\Cnsts\ar V861516
Enc.

cc: District Attorney's Office, Environmental Crimes/OSHA Section (Yael Massry)

Receipt of a copy of this Notice is acknowledged by:

Dean Christian		Property Manager	6/6/17
Print	Sign	Title	Date

06994-062151
C876257

Appendix VI

(Copies of Monitoring System Certification form and UST Monitoring Plot Plan available at http://www.waterboards.ca.gov.)

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name
1977 Saturn Ave Bldg. No. _____

Site Address: **1977 Saturn Ave** City: **Monterey Park** Zip: **91754**

Facility Contact Person: **Dean Christian** Contact Phone No.: **(323) 518-2912**

Make/Model of Monitoring System: **Veeder-Root TLS 350** Date of Testing/Servicing: **11/01/2017**

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: T-1 East	**Tank ID: T-2 West**
X In-Tank Gauging Probe. Model: **Mag Probe**	X In-Tank Gauging Probe. Model: **Mag Probe**
Annular Space or Vault Sensor. Model:	Annular Space or Vault Sensor. Model:
X Piping Sump / Trench Sensor(s). Model: **VR 361**	X Piping Sump / Trench Sensor(s). Model: **VR 361**
X Fill Sump Sensor(s). Model: **VR 208**	X Fill Sump Sensor(s). Model: **VR 208**
Mechanical Line Leak Detector. Model:	Mechanical Line Leak Detector. Model:
Electronic Line Leak Detector. Model:	Electronic Line Leak Detector. Model:
Tank Overfill / High-Level Sensor. Model:	Tank Overfill / High-Level Sensor. Model:
Other (specify equipment type and model in Section E on Page 2).	Other (specify equipment type and model in Section E on Page 2).
Tank ID: 2K	**Tank ID:**
In-Tank Gauging Probe. Model:	In-Tank Gauging Probe. Model:
X Annular Space or Vault Sensor. Model: **VR 344**	Annular Space or Vault Sensor. Model:
X Piping Sump / Trench Sensor(s). Model: **VR 208**	Piping Sump / Trench Sensor(s). Model:
X Fill Sump Sensor(s). Model: **VR 208**	Fill Sump Sensor(s). Model: _____
Mechanical Line Leak Detector. Model:	Mechanical Line Leak Detector. Model: _____
Electronic Line Leak Detector. Model:	Electronic Line Leak Detector. Model: _____
Tank Overfill / High-Level Sensor. Model:	Tank Overfill / High-Level Sensor. Model: _____
Other (specify equipment type and model in Section E on Page 2).	Other (specify equipment type and model in Section E on Page 2).
Dispenser ID:	**Dispenser ID:**
Dispenser Containment Sensor(s). Model:	Dispenser Containment Sensor(s). Model:
Shear Valve(s).	Shear Valve(s).
Dispenser Containment Float(s) and Chain(s).	Dispenser Containment Float(s) and Chain(s).
Dispenser ID: _____	**Dispenser ID:** _____
Dispenser Containment Sensor(s). Model: _____	Dispenser Containment Sensor(s). Model: _____
Shear Valve(s).	Shear Valve(s).
Dispenser Containment Float(s) and Chain(s).	Dispenser Containment Float(s) and Chain(s).
Dispenser ID: _____	**Dispenser ID:** _____
Dispenser Containment Sensor(s). Model: _____	Dispenser Containment Sensor(s). Model: _____
Shear Valve(s).	Shear Valve(s).
Dispenser Containment Float(s) and Chain(s).	Dispenser Containment Float(s) and Chain(s).

If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. **Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report;** ***(check all that apply)*****:** **X System set-up X Alarm history report**

Technician Name (print): **Ron Franklin** Signature: _____

Certification No.: **836408** License No.: **718466**

Testing Company Name: **George Bryant Construction, Inc.** Phone No.: **(909) 944-3517**

Testing Company Address: **9333 Golden St., Alta Loma, CA. 91737** Date of Testing/Servicing: **11/01/2017**

D Results of Testing/Servicing

Software Version Installed:

Complete the following checklist:

X Yes		No*	Is the audible alarm operational?
X Yes		No*	Is the visual alarm operational?
X Yes		No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
X Yes		No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
Yes	X	No* N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
Yes	X	No* N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment sensing system detects a leak, fails to operate, or is electrically disconnected? If yes, which sensors initiate positive shut-down? *(Check all that apply)* Sump/Trench Sensors. Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? Yes No
Yes	X	No* N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger?
Yes*	X	No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
Yes*	X	No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* Product. Water. If yes, describe causes in Section E, below.
X Yes		No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable.
X Yes		No*	Is all monitoring equipment operational per manufacturer's specifications?

* In Section E below, describe how and when these deficiencies were or will be corrected.

E. Comments:

F. In-Tank Gauging / SIR Equipment: X Check this box if tank gauging is used only for inventory control.
Check this box if no tank gauging or SIR equipment is installed

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

X Yes	No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
X Yes	No*	Were all tank gauging probes visually inspected for damage and residue buildup?
X Yes	No*	Was accuracy of system product level readings tested?
X Yes	No*	Was accuracy of system water level readings tested?
X Yes	No*	Were all probes reinstalled properly?
X Yes	No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

G. Line Leak Detectors (LLD): X Check this box if LLDs are not installed

Complete the following checklist:

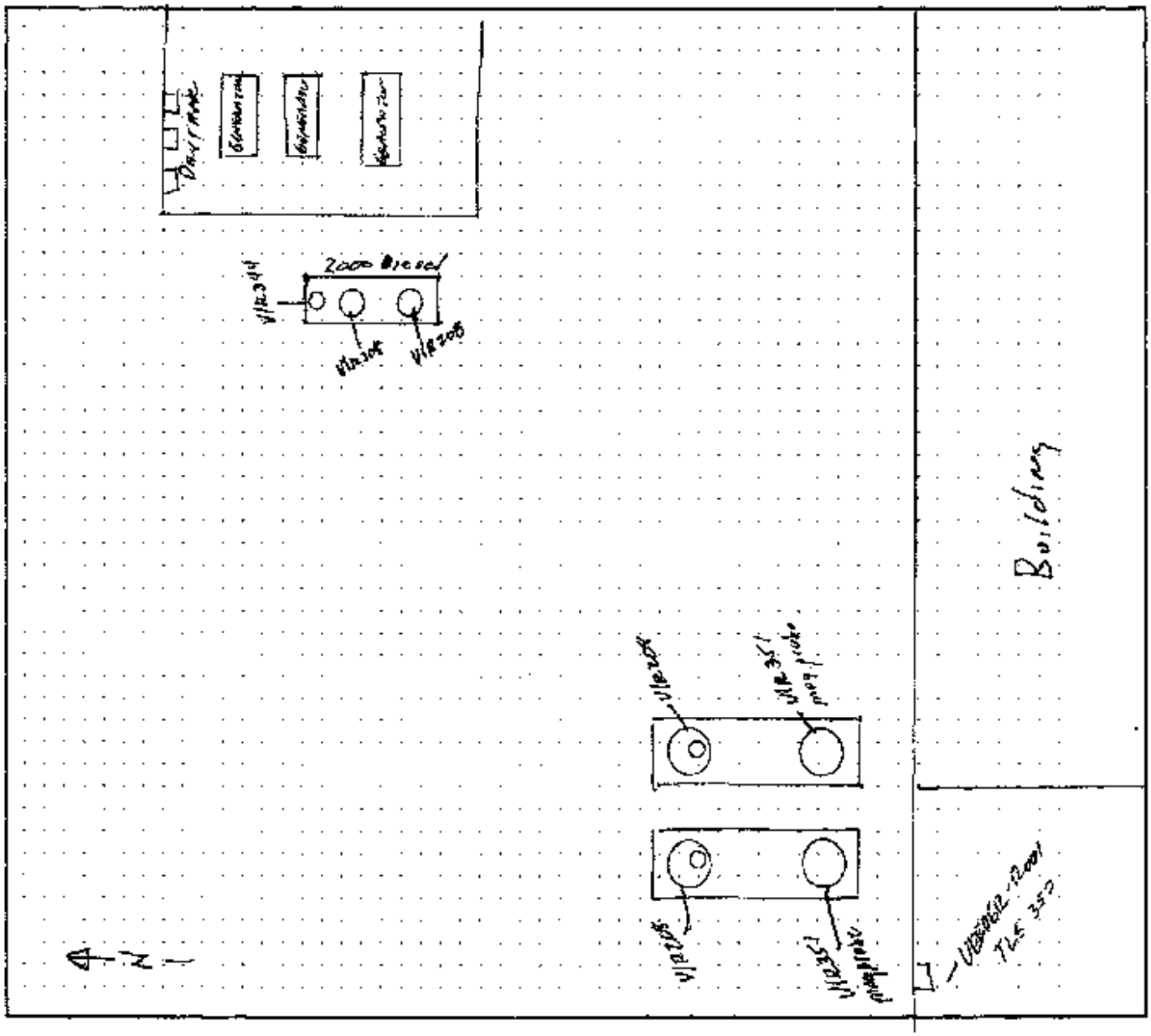
Yes	No* N/A	✓ For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: 3 g.p.h; 0.1 g.p.h; 0.2 g.p.h
Yes	No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
Yes	No*	Was the testing apparatus properly calibrated?
Yes	No* N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
Yes	No* N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
Yes	No* N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
Yes	No* N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
Yes	No* N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
Yes	No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

H. Comments: _____

UST Monitoring Site Plan

Site Address: 1977 Saturn Ave Mooring Leak Co



Date map was drawn: ____/____/____.

Instructions

If you already have a diagram that shows all required information you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name: 1Saturn Street	Date of Testing: 12/01/2017
Facility Address: 1977 Saturn Street Monterey park, CA	
Facility Contact: Dean Christian	Phone: (805) 807-1916
Date Local Agency Was Notified of Testing :	
Name of Local Agency Inspector *(if present during testing)*:Warren Watanabe	

2. TESTING CONTRACTOR INFORMATION

Company Name: George Bryant Construction	
Technician Conducting Test: Ron Franklin	
Credentials[1]: X CSLB Contractor X ICC Service Tech. SWRCB Tank Tester Other *(Specify)*	
License Number(s): 718466	

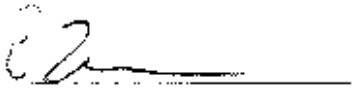
3. SPILL BUCKET TESTING INFORMATION

Test Method Used:	X Hydrostatic	Vacuum	Other	
Test Equipment Used: Visual			Equipment Resolution:	
Identify Spill Bucket *(By Tank Number, Stored Product, etc.)*	**T-1 Diesel Fill Bucket West**	**T-2 Diesel Fill Bucket East**	**T-3**	**4**
Bucket Installation Type:	Direct Bury X Contained in Sump	Direct Bury X Contained in Sump	Direct Bury X Contained in Sump	Direct Bury Contained in Sump
Bucket Diameter:	12"	12"		
Bucket Depth:	12"	12"		
Wait time between applying vacuum/water and start of test:	5 Minutes	5 minutes		
Test Start Time (T_i):	8:00	8:00		
Initial Reading (R_i):	11"	11"		
Test End Time (T_f):	9:00	9:00		
Final Reading (R_f):	11"	11"		
Test Duration ($T_f - T_i$):	1 hour	1 hour		
Change in Reading ($R_f - R_i$):	0	0		
Pass/Fail Threshold or Criteria:	.002"	.002"		
Test Result:	**X Pass ☐ Fail**	**X Pass ☐ Fail**	**Pass ☐ Fail**	**Pass ☐ Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.



[1] State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirements may be more stringent.

NK OF THE WEST
77 SATURN STREET
NTEREY PARK,CA

4 1, 2017 9:14 AM

SYSTEM STATUS REPORT

1:INVALID FUEL LEVEL

1:DELIVERY NEEDED

2:INVALID FUEL LEVEL

2:DELIVERY NEEDED

3:FUEL ALARM

INVENTORY REPORT

1:DIESEL EAST TANK
1:INVALID FUEL LEVEL
OL INVALID 301 GALS
LLAGE = 9427 GALS
0% ULLAGE= 9454 GALS
C VOLUME = 298 GALS
GT INVALID 7.02 INCHES
ATER VOL 0 GALS
ATER = 0.00 INCHES
EMP = 79.3 DEG F

2:DIESEL WEST TANK
2:INVALID FUEL LEVEL
OL INVALID 318 GALS
LLAGE = 9482 GALS
0% ULLAGE 9447 GALS
C VOLUME = 305 GALS
GT INVALID 7.12 INCHES
ATER VOL = 0 GALS
ATER = 0.00 INCHES
EMP = 79.1 DEG F

* * * * END * * * *

SYSTEM SETUP

NOV 1, 2017 9:13 AM

SYSTEM UNITS
U.S.
SYSTEM LANGUAGE
ENGLISH

BANK OF THE WEST
7977 SATURN STREET
MONTEREY PARK,CA

SHIFT TIME 1 : 8:00 AM
SHIFT TIME 2 : DISABLED
SHIFT TIME 3 : DISABLED
SHIFT TIME 4 : DISABLED

PERIODIC TEST WARNING
DISABLED
ANNUAL TEST WARNING
DISABLED

SYSTEM SECURITY
CODE : 000000

PRINT TO VOLUMES
ENABLED

TEMP COMPENSATION
VALUE (DEG F) : 60.0

COMMUNICATIONS SETUP

PORT SETTINGS:

NONE FOUND

MASTER SECURITY
CODE : 000000

RS-232 END OF MESSAGE
DISABLED

IN-TANK SETUP

1:DIESEL EAST TANK
PRODUCT CODE : 1
THERMAL COEFF : .000450
TANK DIAMETER : 92.00
TANK PROFILE : 4 PTS
TOTAL VOL : 9728
59.0 INCH VOL : 7910
46.0 INCH VOL : 4864
28.0 INCH VOL : 1818

FLOAT SIZE: 4.0 INCHES

WATER WARNING : 1.5
HIGH WATER LIMIT: 2.0

MAX OR LABEL VOL: 9728
OVERFILL LIMIT : 10%
: 8755
HIGH PRODUCT : 95%
: 9241
DELIVERY LIMIT : 20%
: 1945

LOW PRODUCT : 0
LEAK ALARM LIMIT: 50
SUDDEN LOSS LIMIT: 50
TANK TILT : 0.00

MANIFOLDED TANKS
OR: NONE

LEAK MIN ANNUAL : 0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 5 MIN

1 3:DIESEL TEST TANK
PRODUCT CODE : 3
THERMAL COEFF : .000450
TANK DIAMETER : 93.00
TANK PROFILE : 4 PTS
FILL VOL : 9728
65.0 INCH VOL : 7910
46.0 INCH VOL : 4864
27.0 INCH VOL : 1318

PROBE SIZE: 96.0 INCHES

WATER WARNING : 1.5
HIGH WATER LIMIT: 2.0

MAX OK LABEL VOL: 9728
OVERFILL LIMIT : 90%
: 8755
HIGH PRODUCT : 95%
: 9241
DELIVERY LIMIT : 20%
: 1945

LOW PRODUCT : 3
LEAK ALARM LIMIT: 50
SUDDEN LOSS LIMIT: 50
TANK TILT : 0.00

MANIFOLDED TANKS
TNK: NONE

LEAK MIN ANNUAL : 0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: ON

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 5 MIN

LEAK TEST METHOD
- - - - - - - - -
TEST MONTHLY : ALL TANK
WEEK : WED
START TIME : 1:00:00 AM
TEST RATE : 0.20 GAL/HR
DURATION : 2 HOURS

LEAK TEST REPORT FORMAT
NORMAL

LIQUID SENSOR SETUP
- - - - - - - - - - - - -

1 1:Day TANK 1
NORMALLY CLOSED
CATEGORY : DISPENSER PAN

2 2:Day TANK 2
NORMALLY CLOSED
CATEGORY : DISPENSER PAN

3 3:Day TANK 3
NORMALLY CLOSED
CATEGORY : DISPENSER PAN

4 4:2K PIPING SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

5 5:2K FILL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

6 7:10A FILL SUMP TEST
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

8 8:10K FILL SUMP TEST
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

2 MORE CL SENSOR SETUP
- - - - - - - - - - - - -

9 1:DIESEL TEST TANK
ULTRA 1
CATEGORY : PIPING SUMP

10 2:DIESEL TEST TANK
ULTRA 2
CATEGORY : PIPING SUMP

11 3:2K ANNULAR SPACE
ULTRA 2
CATEGORY : ANNULAR SPACE

OUTPUT RELAY SETUP
- - - - - - - - - - - -

ALARM HISTORY REPORT

----- SYSTEM ALARM -----
PAPER OUT
OCT 31, 2017 8:01 AM
PRINTER ERROR
NOV 1, 2017 8:43 AM
BATTERY IS OFF
JAN 1, 1995 1:00 AM

ALARM HISTORY REPORT

-- IN TANK ALARM -----

T 1:DIESEL EAST TANK

HIGH WATER ALARM
NOV 28, 2016 11:30 AM
OCT 10, 2014 10:22 AM
MAY 8, 2014 9:10 AM

OVERFILL ALARM
OCT 10, 2014 10:23 AM
DEC 5, 2008 11:05 AM
OCT 24, 2008 10:34 AM

LOW PRODUCT ALARM
NOV 23, 2016 7:03 PM
MAY 7, 2012 8:45 AM
OCT 24, 2008 10:33 AM

HIGH PRODUCT ALARM
OCT 20, 2008 10:34 AM
FEB 24, 1981 12:55 PM

INVALID FUEL LEVEL
NOV 23, 2016 7:08 PM
OCT 11, 2013 10:21 AM
OCT 11, 2013 9:57 AM

PROBE OUT
NOV 28, 2016 9:21 AM
NOV 23, 2016 11:21 AM
FEB 24, 2015 10:34 AM

HIGH WATER WARNING
NOV 28, 2016 11:25 AM
OCT 10, 2014 10:22 AM
MAY 8, 2014 9:16 AM

DELIVERY NEEDED
NOV 23, 2016 7:03 PM
MAR 24, 2015 10:34 AM
MAY 8, 2014 9:27 AM

TANK TEST ACTIVE
OCT 4, 2017 10:00 AM
SEP 6, 2017 10:00 AM
AUG 2, 2017 10:00 AM

ALARM HISTORY REPORT

----- IN-TANK ALARM -----

T 2:DIESEL WEST TANK

HIGH WATER ALARM
NOV 28, 2016 12:52 PM
OCT 10, 2014 10:15 AM
OCT 11, 2013 9:41 AM

OVERFILL ALARM
OCT 10, 2014 10:17 AM
APR 30, 2009 11:10 AM
DEC 5, 2008 11:09 AM

LOW PRODUCT ALARM
NOV 23, 2016 11:15 AM
MAY 8, 2014 9:15 AM
MAY 7, 2012 11:12 AM

HIGH PRODUCT ALARM
OCT 10, 2014 10:16 AM
OCT 24, 2008 10:34 AM

INVALID FUEL LEVEL
NOV 23, 2016 8:54 PM
OCT 10, 2014 10:15 AM
DEC 5, 2008 10:21 AM

PROBE OUT
NOV 28, 2016 9:22 AM
NOV 23, 2016 8:54 PM
NOV 23, 2016 11:19 AM

HIGH WATER WARNING
NOV 28, 2016 12:04 PM
OCT 10, 2014 10:15 AM
OCT 11, 2013 9:41 AM

DELIVERY NEEDED
NOV 23, 2016 11:19 AM
MAR 24, 2015 8:30 AM
OCT 10, 2014 10:15 AM

TANK TEST ACTIVE
OCT 4, 2017 10:00 AM
SEP 6, 2017 10:00 AM
AUG 2, 2017 10:00 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
1 1:DAY TANK 1
DISPENSER PAN
FUEL ALARM
NOV 1, 2017 9:07 AM

FUEL ALARM
NOV 22, 2016 10:02 AM

FUEL ALARM
OCT 11, 2014 9:49 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
1 2:DAY TANK 2
DISPENSER PAN
FUEL ALARM
NOV 1, 2017 9:08 AM

FUEL ALARM
NOV 22, 2016 10:02 AM

FUEL ALARM
OCT 10, 2014 9:49 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
1 3:DAY TANK 3
DISPENSER PAN
FUEL ALARM
NOV 1, 2017 9:09 AM

FUEL ALARM
NOV 22, 2016 10:02 AM

FUEL ALARM
NOV 22, 2016 10:01 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
1 4:SK PIPING SUMP
PIPING SUMP
FUEL ALARM
NOV 1, 2017 9:12 AM

FUEL ALARM
APR 28, 2017 10:31 AM

FUEL ALARM
NOV 22, 2016 10:18 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
1 5:2K FUEL SUMP
PIPING SUMP
FUEL ALARM
NOV 1, 2017 9:12 AM

FUEL ALARM
APR 28, 2017 10:19 AM

FUEL ALARM
NOV 28, 2016 12:11 PM

6494 - 65226

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

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Rancho Cucamonga, CA 91730
909.476.2120 Tel
909.476.6810 Fax
www.altaem.com

December 5, 2018

Los Angeles County Department of Public Works
Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802-1460

SUBJECT: SOIL SAMPLING RESULTS RELATED TO UST SYSTEM REMOVALS
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

Dear Sirs:

This report summarizes the results of tank system removals, and associated soil sampling activities completed at the subject site in Monterey Park, California (see attached Site Location Map - **Figure 1**).

The soil sampling activities were completed in general accordance with guidelines of Los Angeles County Department of Public Works (LADPW) and the Los Angeles Regional Water Quality Control Board (LARWQCB).

A copy of the UST removal permit is provided in attached **Appendix A.**

The tank removal activities were conducted by George Bryant Construction of Alta Loma, California (contractor). Soil sampling was completed by ALTA EM, Inc. (environmental consultant). A representative of the LACDPW (Mr. William Edwards) was scheduled to be on-site, but called the site contractor on-site within a few minutes of the scheduled inspection time, indicating he would not be able to be on site. Mr. Edwards authorized the UST removals and soil sampling to commence without his presence. A representative of ALTA EM, Inc. also spoke with Mr. Edwards verifying these approvals and provided him our contact info, and the license number of the responsible Professional Geologist prior to proceeding.

Site Setting / Hydrogeology

The site is located at the northern edge of the Coastal Plain of Los Angeles County, in the Merced / Montebello Hills. These hills consist of sedimentary rocks of the Pico Formation, and the site area is dominated by the structural feature known as the Montebello Anticline. The site area is not known to contain large-scale regional aquifers, as is the nearby/adjoining LA County Coastal Plain just to the south. The site is located just north and outside of the Montebello Forebay Area of the LA Coastal Plain Groundwater basin (DWR, 1961).

A review of the LACDPW water well database revealed no listed wells within one mile of the subject site (LACDPW, 2018). ALTA EM, Inc. also contacted a nearby cemetery east of the subject site (see **Figure 1**) asking about any potential well information at this location. The cemetery staff reported they have no wells (Resurrection Cemetery, 2018). A review of the Geotracker database for nearby LUST cases, with well data, revealed one facility approximately 0.5 miles south-southwest of the site with groundwater at approximately 70 feet deep in 2005. All other LUST sites with groundwater well data were greater than 0.75 miles away (Geotracker, 2018).

A-905166

C-9414-21

The site is located at the foot of a small hill, on a large graded earthen pad built for the construction of the commercial office complex which occupies the property. Atop the hill overlooking the site are large municipal water storage tanks, a landscaping nursery (Chuys Nursery) and a community park (Le Lorna Park) (see attached **Figure 2**).

While a regional aquifer is not anticipated beneath the site area, an accumulation of relatively shallow groundwater does exists beneath the site. The source of this groundwater is unknown (i.e. from nearby or on-site irrigation water? an accumulation of natural precipitation? an on-site water leak? combination of these sources?). Groundwater was initially encountered in the larger UST pit at approximately 6 feet, but stabilized at approximately 11.5 feet bgs overnight after it was pumped out to facility the UST removals. It is noted that groundwater appeared to be shallowest in the western-most portion of the area of investigation, even being encountered in a couple of the piping trench soil samples at 4 feet bgs.

Three monitoring wells were noted around the perimeter of the larger UST pit. All three wells appeared to have been partially destroyed (i.e. cement backfilled in their wells boxes). During excavation, the upper three to five feet of several of the wells was exposed and observed to be 4" PVC casing (presumed to also be backfilled). It is unknown if these wells were installed as groundwater monitoring wells or possibly vapose wells when groundwater was absent or deeper.

In summary, while a regional aquifer is not anticipated beneath the site area, an accumulation of relatively shallow groundwater exists beneath the site at 4 to 11.5 feet bgs. The direction of groundwater flow is unknown, though topography of the site would strongly indicate it is likely toward the west to southwest. This is contradicted by on site observations indicating the shallowest groundwaters in the western-most portion of the area investigated.

Tank Contents, Capacity, Construction

Details of the removed tanks were reported by the contractor as follows:

	Content	Capacity	Size	Construction
Tank #1	Diesel Fuel	10,000 gals	34' by 8'	Single-wall fiberglass w/rounded ends
Tank #2	Diesel Fuel	10,000 gals	34' by 8'	Single-wall fiberglass w/rounded ends
Tank #3	Diesel Fuel	2,500 gals	12' by 6'	Double-wall fiberglass coated steel

Larger Tanks 1 & 2 were located in a cluster, while Tank 3 was located approximately 140 feet east of the others. All three tanks contained diesel fuel, and were used to supply emergency generators. All three thanks were buried 3 to 4 feet bgs.

Attached **Figure 3** and **Photo nos. 1 and 2** show the two tank pit areas.

Soil Sampling Methods & Locations

All samples were collected on November 6, 2015.

Samples along the fuel product lines were collected at depths ranging from 3.5 to 5 feet bgs (at least 2 feet beneath removed lines), and were designated as samples no. PS1 to PS13. Attached **Photo nos. 3 through 7** show the various product line trenches which were sampled.

The Tanks 1 & 2 pit contained groundwater at approximately 11.5 feet bgs, and a large concrete pad underlying the tanks at approximately 13.5 feet bgs, precluding reasonable soil sampling. Attached **Photo no. 8** shows groundwater in the tank pit and the concrete pad depth. Given soil samples could not reasonably be collected, alternative groundwater samples were collected from this UST pit with a disposable polyethylene sampling bailer. Attached **Figure no. 3** shows the approximate locations of these two groundwater samples, designated TPGW1 and TPGW2.

The Tank 3 pit also contained an underlying concrete pad throughout the pit bottom at approximately 11.5 feet bgs, but no groundwater. This pad also precluded the reasonable collection of soil samples beneath

the concrete. Alternatively, soil samples were collected from the pit sidewalls just above the concrete pad level, at diagonally opposing corners of the former tank. The locations of these soil samples, designated T3-1-10 and T3-2-10, are shown on attached **Figure 3**.

Soil samples were obtained with the aid of a hand auger or backhoe. Samples were retained in general accordance with EPA method no. 5035 protocol. An additional amount of each sample (for non-VOC analyses) was also collected in laboratory approved 4 oz. glass jars. **Appendix B** includes further details of the sampling procedures.

Attached **Photos 9 & 10** show both UST pits after the tanks had been removed.

Field Observations

During the soil sampling, olfactory and visual observations, as well as soil types were recorded and are summarized in the table below:

SAMPLE NO.	SAMPLE LOCATION	SAMPLE DEPTH (feet bgs)	ODOR	COLOR	SOIL TYPE
PS1-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, damp, clayey F. SAND
PS2-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, silty F. SAND
PS3-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, F. SAND; with trace silt
PS4-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, F. SAND; with trace silt
PS5-5	Piping trench	5	No Odor	No Discoloration	Yellowish brown, damp to moist, clayey gravelly F. SAND
PS6-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist, F. SAND
PS7-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist, gravelly F. SAND
PS8-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist, F. SAND
PS9-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist to wet, silty F. SAND
PS10-3.5	Piping trench	3.5	No Odor	No Discoloration	Yellowish brown, moist to wet, silty F. SAND
PS11-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, saturated, clayey silty F. SAND
PS12-3.5	Piping trench	3.5	No Odor	No Discoloration	Yellowish brown, damp to moist, clayey silty F. SAND
PS13-4	Piping trench	4	Very slight HC odor	No Discoloration	Yellowish brown, wollive motling, moist, sandy SILT; with trace clay
T3-1-10	Tank #3 pit	10	No Odor	No Discoloration	Yellowish orange brown, damp, clayey F. SAND
T3-2-10	Tank #3 pit	10	No Odor	No Discoloration	Yellowish brown, damp, F. SAND, with trace silt and Med Sand.

During the groundwater sampling, olfactory and visual observations were recorded and are also summarized in the table below:

SAMPLE NO.	SAMPLE LOCATION	SAMPLE DEPTH (feet bgs)	ODOR & VISUAL OBSERVATIONS	COMMENT
TPGW1	Tank #1 pit - North	11.5	No odor or sheen	Groundwater sample
TPGW2	Tank #1 pit - South	11.5	No odor or sheen	Groundwater sample

Analytical Methods / Results

All soil and groundwater samples were analyzed for TPH diesel (C_{10}-C_{28}), BTEX and Fuel Oxygenates. The UST removal permit initially indicated that organic lead analyses were also required; however, follow-up communications with Kattya Batres of the LACDPW confirmed the lead analyses were not required if the USTs historically only contained diesel fuel (which is the case) (see Appendix A).

The analyses were completed in general accordance with modified EPA method no. 8015 (for TPH diesel) and EPA method no. 5035/8260B (for BTEX & FUEL OXYENATES). Results are summarized as follows:

SOIL SAMPLES (all results in mg/kg)				
SAMPLE NO.	SAMPLE DEPTH (feet bgs)	TPH DIESEL (C_{10}-C_{28})	BTEX	FUEL OXYGENATES (MTBE, ETBE, DIPE, TAME, TBA)
PS1-4	4	ND	ND	ND
PS2-4	4	ND	ND	ND
PS3-4	4	ND	ND	ND
PS4-4	4	ND	ND	ND
PS5-5	5	ND	ND	ND
PS6-4	4	ND	ND	ND
PS7-4	4	ND	ND	ND
PS8-4	4	ND	ND	ND
PS9-4	4	ND	ND	ND
PS10-3.5	3.5	ND	ND	ND
PS11-4	4	ND	ND	ND
PS12-3.5	3.5	ND	ND	ND
PS13-4	4	15.2	ND	ND
T3-1-10	10	10.5	ND	ND
T3-2-10	10	ND	ND	ND
PQLs	N/A	10	0.005-0.01	0.005 - 0.05

GROUNDWATER SAMPLES (all results in ug/L)				
SAMPLE NO.	SAMPLE DEPTH (feet bgs)	TPH DIESEL (C_{10}-C_{28})	BTEX	FUEL OXYGENATES (MTBE, ETBE, DIPE, TAME, TBA)
TPGW1	11.5	ND	ND	ND
TPGW2	11.5	ND	ND	ND
PQLs	N/A	500	1-3	3-50

In summary, no significant TPH (C_{10}-C_{28}), BTEX or Fuel Oxygenates were detected in any of the soil or groundwater samples. Two soil samples were reported to contain minor detected TPH (C_{10}-C_{28}) at concentration of 15.2 and 10.5 mg/kg. No field evidence indicating major fuel impacts was observed at or nearby these two samples with detections. A laboratory report further detailing the results of the soil/water sample analyses is provided in attached **Appendix C**.

Other Documentation

Provide in attached **Appendix D** are copies of the tank cleaning rinsate manifest, and the tank destruction/recycling certificates.

Conclusions

Three USTs were removed from the subject site. Two UST were located in one pit, and the third was approximately 140 feet away. Soil samples PS-3-4 (piping trench) and T3-1.0 (Tank 3 pit) were reported to contain 15.2 and 10.5 mg/kg of TPH (C_9-C_{20}), but no detected BTEX or Fuel Oxygenates. Every other soil sample was reported to contain no detected TPH (C_{13}-C_{28}), BTEX or Fuel Oxygenates.

Shallow groundwater was encountered in the Tank 1 & 2 pit, as well as a concrete pad underlying the tanks. Two groundwater samples collected from this tank pit were also reported to contain no detected TPH (C_{13}-C_{28}), BTEX or Fuel Oxygenates.

Based on the field observations and laboratory data, there is no evidence to indicate a significant release of diesel fuel from the removed UST systems. No further action is recommended, and a no further action letter is requested from the responsible party. At the time of this report the site had no Geotracker case or global ID assigned, so this report and associated data could not be uploaded.

The opportunity to be of service is greatly appreciated. If you have any questions or comments, please do not hesitate to contact the office at (909) 476-2120.

Very Truly Yours,
ALTA ENV, INC.

ROBERT B. HANSEN
Project Environmental Geologist
California P.G. #5839

cc: File No.: 18738-01

REFERENCES

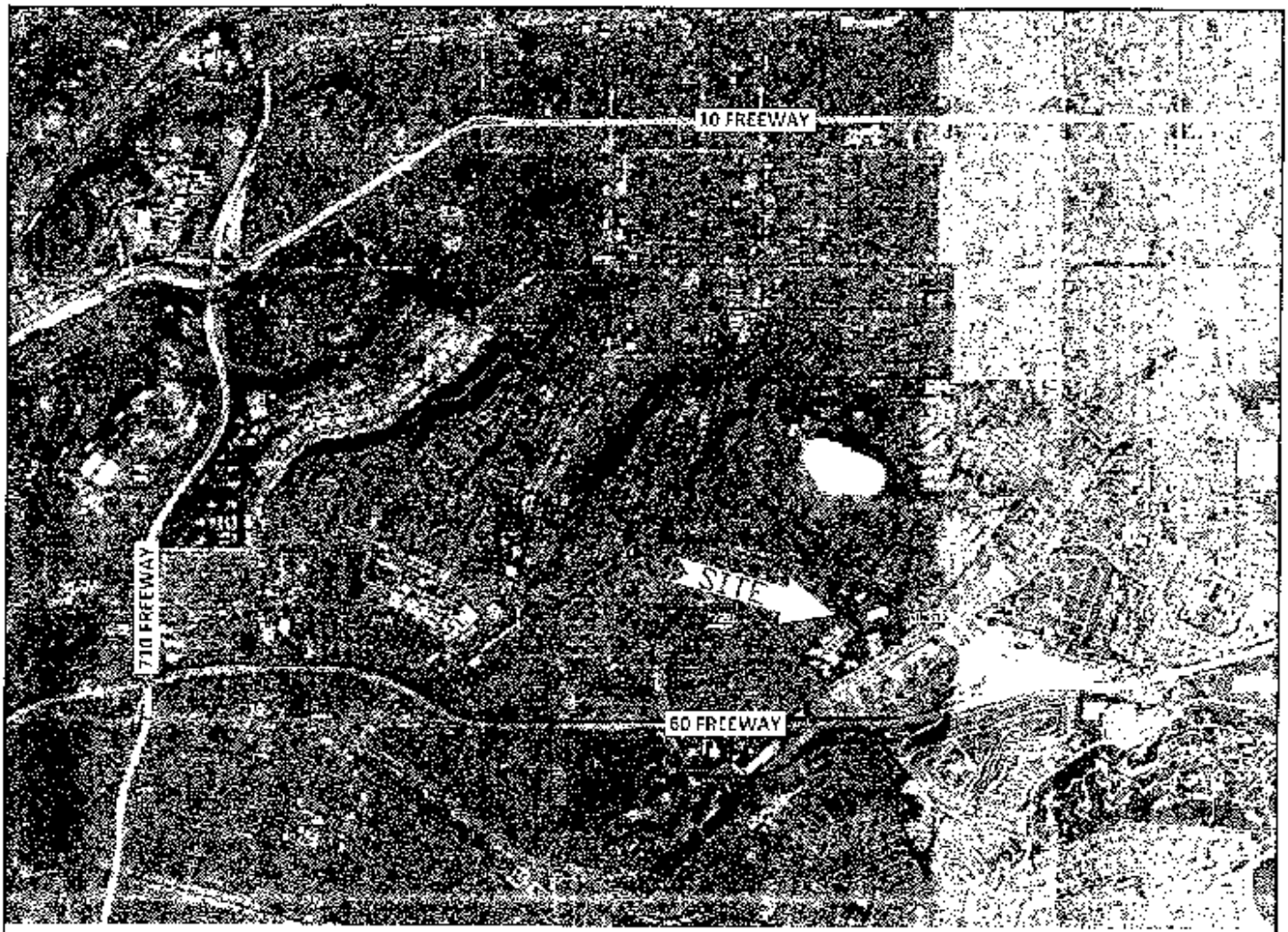
DWR (State of California Department of Water Resources). 1961. Bulletin No. 104, Planned Utilization of the Ground Water Basins of the Coastal Plain of Los Angeles. Appendix A Groundwater Geology, dated June 1961, reprinted April 1968.

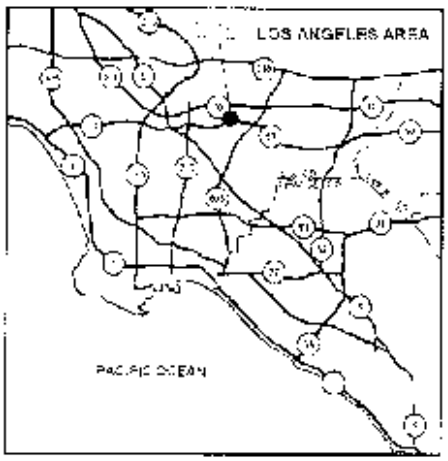
Geotracker, 2018. State of California Water Resource Contro Board Geotracker Database, reviewed November 9, 2018, source:http://geotracker.waterboards.ca.gov.

LACDPW (Los Angeles County Department of Public Works). 2018. Water Well Database (http://dpw.lacounty.gov/general/wells/) reviewed on November 9, 2018.

Resurrection Cemetery, 2018. telecommunication with cemetery staff on November 9, 2018.

USGS (United States Geological Survey). 1966. El Monte Quadrangle 7.5-minute series topographic map, dated 1966, photorevised 1981.





Note:

Base imagery taken from Google Earth, dated 12/2017.

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

TITLE: SITE LOCATION MAP

PROJECT: GBC-MONTEREY PARK
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

DRAWN BY: J. PETTIGAN
CHECKED BY: B. HAVEN
PROJ. NO.: [illegible]
DATE: NOV 2018

FIGURE NO.: 1



0 200 400
Scale: Feet

NOTES:
1. All locations and dimensions are approximate.
2. Base Imagery, taken from Google Earth, dated 12/2017.

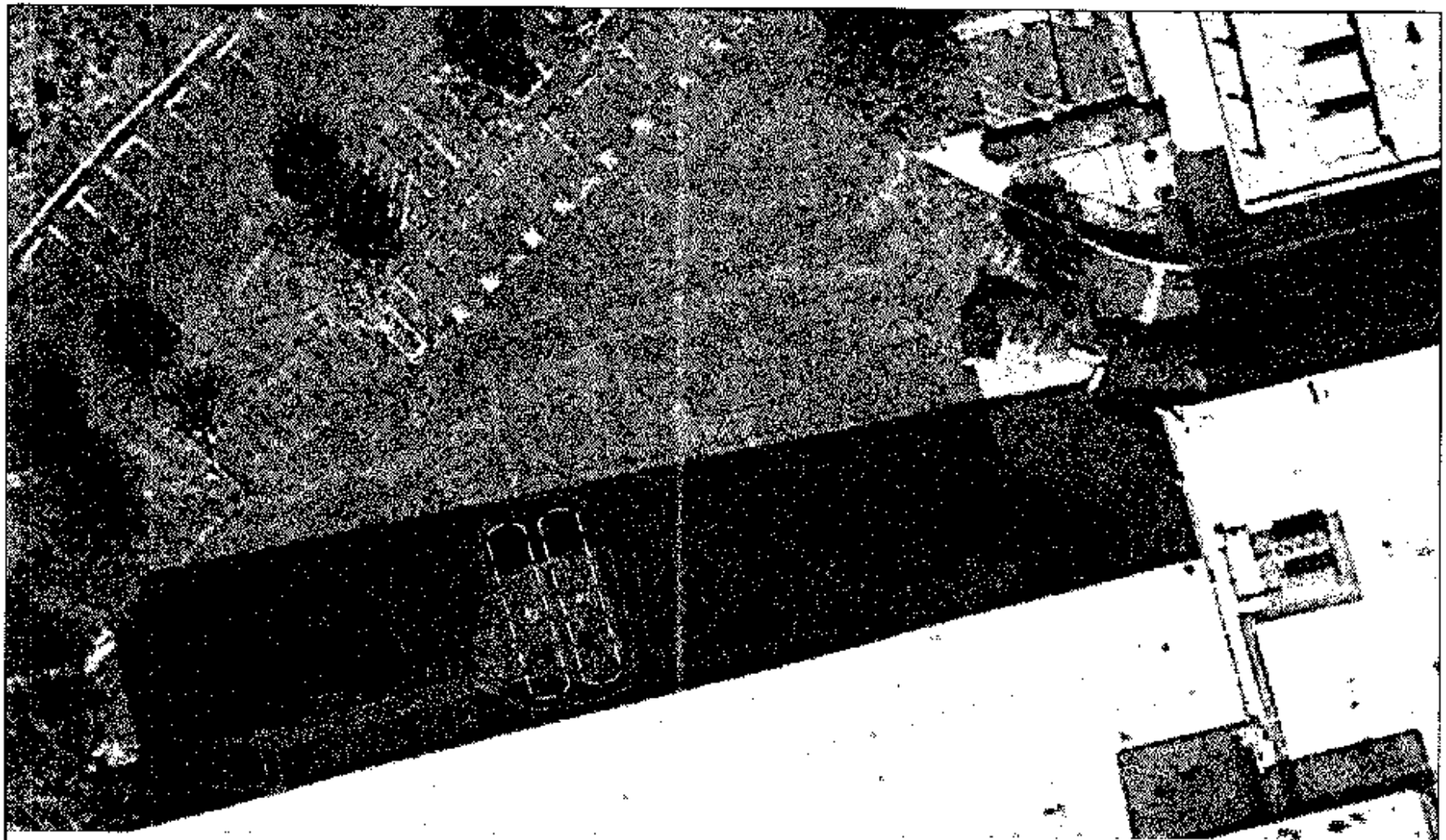
ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

PROJECT:
GBC-MONTEREY PARK
1977 SAT./8N STREET
MONTEREY PARK, CALIFORNIA 91755

TITLE:
SITE PLAN

DRAWN BY: E. PETTIGREW
CHECKED BY: R. HANSEN
PROJECT: 2536.01
DATE: NOV. 2018

FIGURE NO.:
2



EXPLANATION

PS1-4 ▲ Soil Sample Location and Designation

4 Approximate Sample Depth (in ft) Below Ground Surface (feet)

PGW1 ◆ Groundwater Sample Location and Designation

UST Removed UST

Tank No.

Pea Gravel Backfill

Fence Line

0 30 60

Scale, Feet

NOTES:

1) All locations and dimensions are approximate.
2) Base imagery taken from Google Earth dated 10/30/17

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

PROJECT:
GBC-MONTEREY PARK
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

TITLE:
SOIL SAMPLING LOCATIONS

DRAWN BY: [illegible]
CHECKED BY: [illegible]
PROJECT #: [illegible]
DATE: NOV 2017

FIGURE NO.:
3



Photo 1: (looking S) Tanks 1 & 2 pit prior to UST removals. Note evicence of prior (partially destroyed) monitoring wells in background).



Photo 2: (looking N) Tank 3 pit.

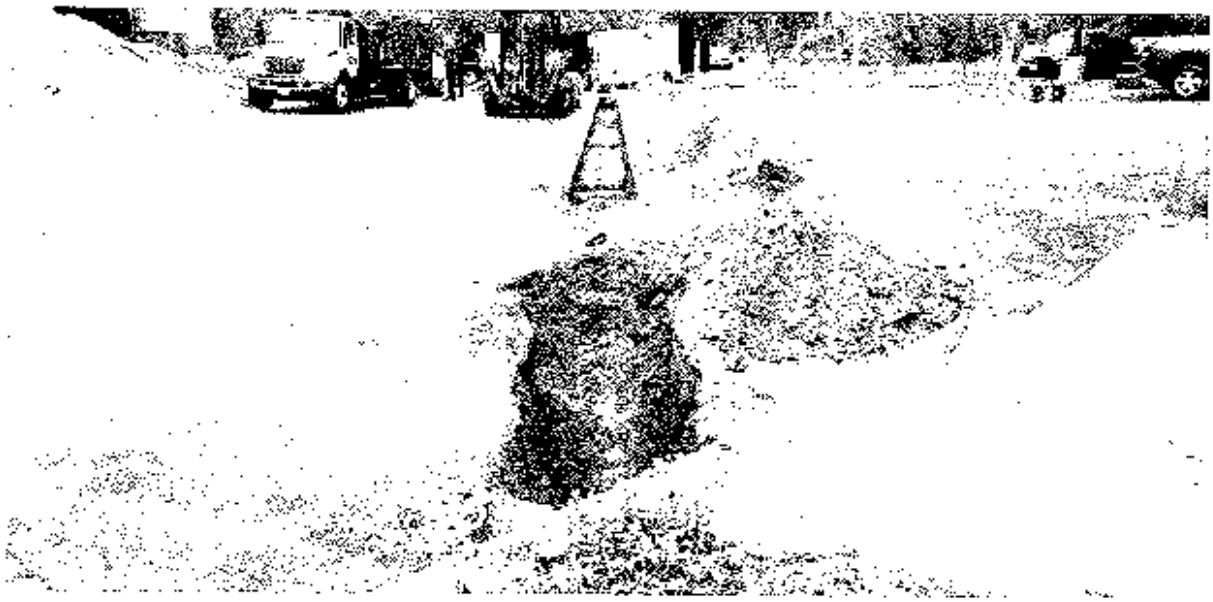


Photo 3: (ooking W) Product line trench section in which sample nos. PS1, PS2, PS3, PS4 and PS5 were collected.

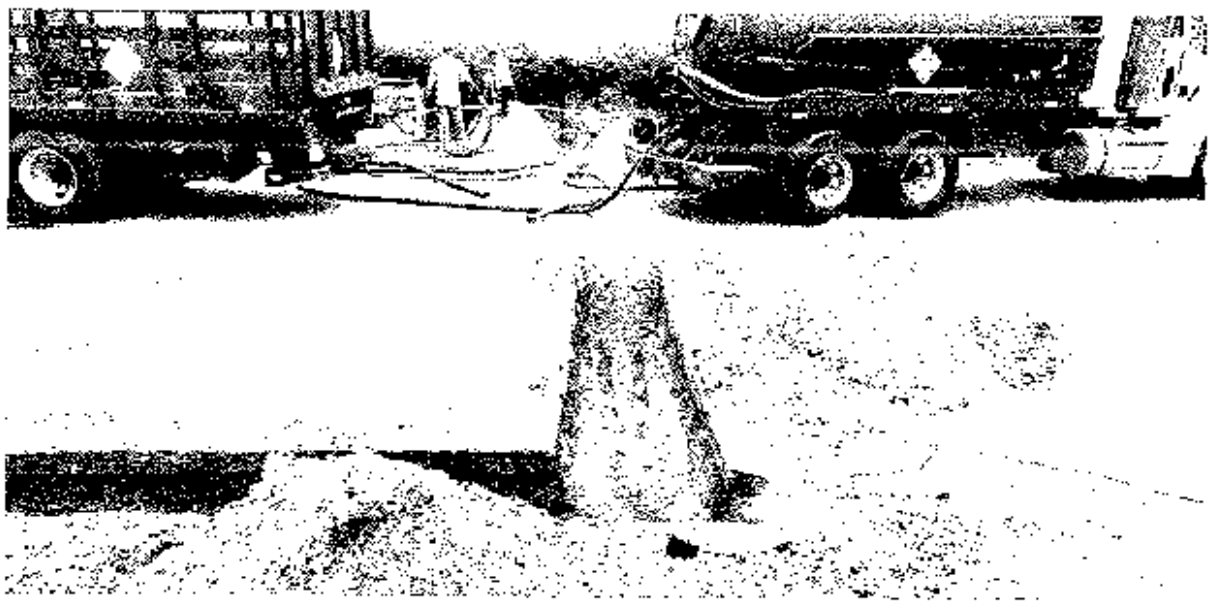


Photo 4: (ooking S) Product line trench section in which sample nos. PS5 and PS13 were collected.



Photo 5: (looking W) Product line trench section in which sample nos. PS9 and PS10 were collected.



Photo 6: (looking S) Product line trench section in which sample nos. PS11 and PS12 were collected.

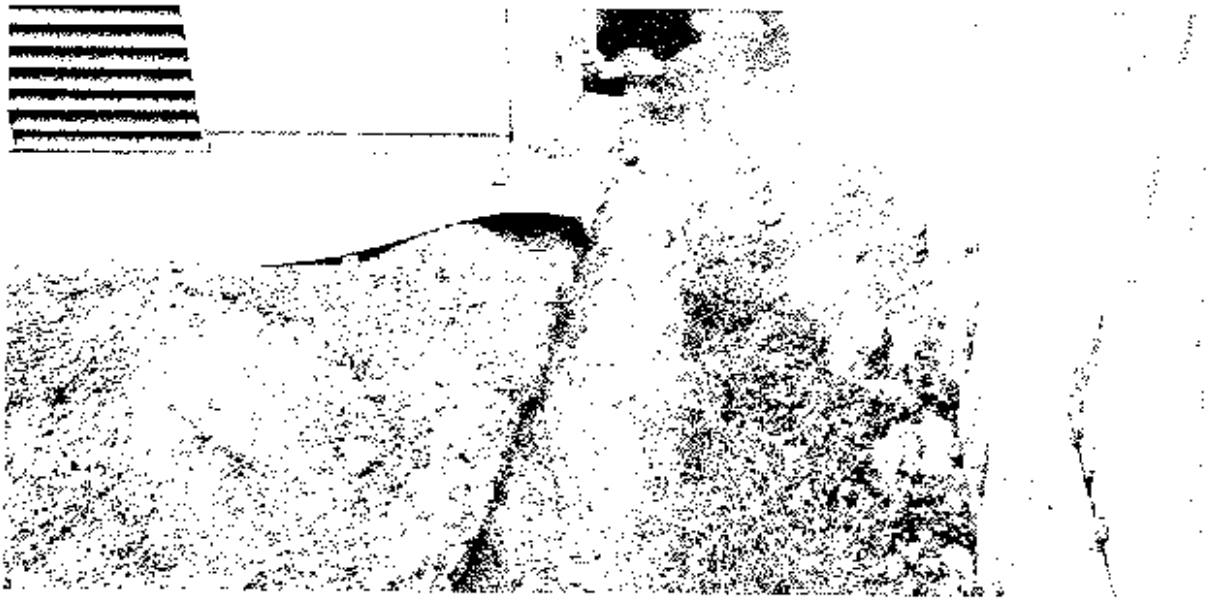


Photo 7: (looking E) Product line trench section in which sample nos. PS6, PS7, and PS8 were collected.



Photo 8: (looking E) Tank #1 and #2 pit after USTs have been removed. Note groundwater in bottom of the pit at 11.5 feet. Excavator bucket tooth are extending through this groundwater and touching an underlying concrete pad at approximately 13.5 feet bgs.



Photo 9: (looking W) Tank 1 and 2 pit after USTs have been removed



Photo 10: (looking W) Tank 3 pit after UST had been removed. Concrete pad underlying pea gravel

APPENDIX A

LACDPW UST REMOVAL PERMIT

FORM VALID JULY 1, 2018 TO JUNE 30, 2019

DPW USE ONLY:
SITE FILE NO. 6994 - 62151
APP NO. 905196 AREA 3M
CHECK (X): CASH [ ] OTHER [ ]
FEE $ 1667.00

CLOSURE AUTHORIZATION FOR HAZARDOUS SUBSTANCE UNDERGROUND STORAGE TANKS

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS (DPW)
Environmental Programs Division
900 South Fremont Avenue, 3rd Floor Annex Building
Alhambra, CA 91803-1331
Phone Number (626) 458-3517, Fax Number (626) 458-3509
www.CleanLA.com

Email all information must be submitted to CERS. Refer to attached forms.

CLOSURE REQUESTED:

- [X] PERMANENT, UST REMOVAL
- [ ] PERMANENT, UST CLOSURE IN-PLACE - Attach Justification Statement
- [ ] TEMPORARY CLOSURE
- [ ] OTHER (ONLY PIPING, UNDER DISPENSER CONTAINMENT, ETC), EXPLAIN: _____

ATTACH PLOT PLAN Show existing tanks, piping and dispenser locations, etc. (to scale).

FACILITY California Environmental Reporting System (CERS) ID: _____ DATE INFORMATION SUBMITTED TO CERS: _____

HOW MANY UNDERGROUND STORAGE TANKS WILL REMAIN AFTER THIS CLOSURE? 0 EXISTING HSUSP NUMBER: 842830

Who is closing the UST(s)? [ ] UST OWNER/OPERATOR OR [X] CONTRACTOR

Email address of UST owner/operator or recipient: ron@georgebayercoast.com

FACILITY TO BE CLOSED (VERIFICATION FOR NOTIFICATIONS):

Facility Name: Equity office Phone: 909 944 3517
Facility Address: 1972 Saxon st City: Monterey Park Zip: 91755
Tank Owner/Contact: Maya Celicic Title: property Manager
Contractor Name: George Bayer Construction Phone: 909 944 2517
Contractor License No.: 718466 Class(s): A B C21 C22 HAZ

*Contractor Shall Be Hazardous Substance Removal Certified "HAZ" per California Business & Professions Code Division 3, Chapter 9, Article 6, §7058.7 (a)**

NUMBER OF USTs TO BE CLOSED	UST ID NO. (DPW USE ONLY)	CAPACITY - GALLONS	SUBSTANCES STORED (PAST)-PRESENT)	CLOSURE FEE
1				$1,143.00
2				$1,405.00
3				$1,667.00
4				$1,929.00
5				$2,191.00
6 (+ ATTACH LIST)				$405.00 + $262.00 per UST

Closure of Underground Storage Tanks (USTs) shall be in compliance with Los Angeles County Code Title 11, Division 4

COMPLETE SURVEY:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[X]
Has a structural repair ever been made to these underground storage tanks?	[ ]	[X]
Will new underground storage tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES IN TANKS TO BE CLOSED, MAY BE HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE DIVISON 20, CHAPTER 6.5 AND MUST BE REPORTED IN THE CLOSURE REPORT. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below, you certify that all statements and disclosures above are true and correct.
You have read and agree to abide by this authorization and all conditions and limitations on the back and attached.

Authorization Recipient (Print Name): Ronald Franklin Phone: 909 944 3517
Recipient's Signature: _____ Date: 10/25/18
Recipient is: UST Owner [ ] UST Operator [ ] or Contractor [X] Written authorization is required for submittals made by a staff of owner/operator.

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.30.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS.

THIS AUTHORIZATION EXPIRES: 04/25/2019 *****SEE ATTACHMENTS*****

MARK PESTRELLA
Director of Public Works

By: _____ Date: 10/25/2018

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the County of Los Angeles Department of Public Works, Environmental Programs Division, P.O. Box 1460, Alhambra, California 91802-1460, containing:

1. File number of facility and closure permit number.

2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.

3. Description of methods for obtaining, handling, and transporting samples.

4. Time and date samples were obtained.

5. Soil sampling certification (including but not limited to soils classification, boring logs, sample procedures, sample locations, initiating chain-of-custody, and groundwater location) for Underground Storage Tank closure shall be certified by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils. The certification must clearly state that all work was performed under the supervision of the person signing.

6. Chain-of-custody documentation initiated by person obtaining sample through person at a California Department of Health Services certified laboratory.

7. Disposal destination of tanks and evidence of legal disposal.

8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction, and methods of analysis.

9. Documentation as to depth of groundwater at facility.

10. Manifests to document hazardous waste disposal of any removed soil and tank rinsate.

11. Evidence of legal disposal of soils designated as nonhazardous.

12. Any observations of site contamination.

13. Report to be signed by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils.

14. Submit to the California Environmental Reporting System (CERS) the date the UST was permanently closed for all tanks removed or closed in-place.

Print Name Ronald Frankum

Signature _____ Date 10/25/16

UST/CSR 03/16/16

CERS Business

Home | Submittals | Facilities | Compliance | My Business

UST Facility Operating Permit Application:

Home » Prepare Submittal » UST: UST Facility Operating Permit Application (Draft)

Instructions/Help

You must complete this form within 30 days of all new permits, permit changes, or facility information changes. You will also need to update/confirm your tank, monitoring plan, and other pertinent UST-related forms.

All facilities **must** provide a BOE Number--valid numbers are 6 digits long starting with the numbers 44. . State and federal facilities should use 44032002. If **ALL** underground tanks at your facility **ONLY** contain NON-petroleum productions, you can provide this generic BOE Number: 44000000. Contact your local regulator if you are unsure what number to provide.

The former paper version of this form was called "UST Operating Permit Application-Facility Information" (Form A).

More information about UST Financial Responsibility Mechanisms is available at the Water Board's Underground Storage Tank Cleanup Fund Financial Responsibility web page.

Click this field to reflect permanent UST closure.

Save | Cancel

Type of Action

Confirmed/Updated Information | New Permit | Renewal Permit | Temporary Facility Closure | (•) Permanent Facility Closure | Transfer Permit

Facility Information

EXAMPLE FACILITY

Facility Type *

Motor Vehicle Fueling | Fuel Distribution | Farm | Processor | Other

BOE Number *

Is the facility located on Indian Reservation/Trust lands? *

Yes | No

Tank Operator

Tank Operator Name * Phone *

Mailing Address *

City State ZIP/Postal Code

Country *

United States Enter International Address

Property Owner

Owner Name * Phone *

Tank Owner

Owner Name * Phone *

UST Tank Information/Monitoring Plan:

Instructions/Help

Use this form to enter data for new UST systems or revise data for an existing UST system. You must complete a separate form for each affected tank. For tanks that are part of a compartmentalized unit, each compartment is considered a separate tank. This information is required within 30 days of permit or facility information changes, unless your local agency requires approval prior to making the changes.
The former paper version of this form was called "UST Operating Permit Application-Tank Information" (Form B)

Copy from other UST Tank | Save | Cancel

Type of Action

Type of Action (UST Tank) *

○ Confirmed/Updated Information ○ New Permit ○ Renewal Permit ○ Temporary UST Closure ○ UST Permanent Closure on Site ● UST Removal

Facility Information

EXAMPLE FACILITY

Enter this date after the UST has been removed.

Click this field to reflect permanent removal of the UST.

Tank Description

Tank ID # *

Date UST System Installed *

Tank Configuration *
○ A Stand-alone Tank ○ One in a Compartmented Unit

Tank Manufacturer *

Date Existing UST Discovered *

Number of Compartments in the Unit *

Tank Capacity In Gallons *

Date UST Permanently Closed *

Additional Description *

Tank Use and Contents

Tank Use *
Motor Vehicle Fueling
Marina Fueling

Tank Contents * Read This First
Regular Unleaded
Premium Unleaded

Tank Construction

Type of Tank * Read This First
Single Wall Double Wall Unknown

CLOSURE – UNDERGROUND STORAGE TANKS

CONDITIONS A – GENERAL

1. Closures shall be carried out such that all applicable regulations from the following agencies are complied with: Los Angeles County Department of County Engineer – Facilities; Los Angeles County Fire Department, Fire Prevention Division or the appropriate City Fire Department; South Coast Air Quality Management District; and Los Angeles County Department of Health Services.

2. The County Engineer and Fire Departments shall be notified in advance of any closure in accordance with the following:

   a. Removal of tank shall require a three (3)-business day advance notification.
   b. Permanent closure of a tank in place or a temporary closure shall require a 30-working notification.

3. Consult current fee schedule for costs.

4. All abandoned wells shall be destroyed in such a way that they will not produce water or act as a channel for interchange of water, where such interchange may result in deterioration of the quality of water in any or all water bearing formations penetrated, or present a hazard to the safety and well being of people and animals.

5. A well destruction permit issued by the Los Angeles Department of Health Services shall be required for all wells requiring a permit for their initial construction.

6. Well destruction shall be accomplished according to methods described in the latest "Water Well Standards: State of California" by the Department of Water Resources, contained in Bulletin 74 – 81, December 1981, or any other methods that will provide equivalent or better protection.

7. Plans for the decontamination of a facility shall be submitted to the County Engineer for approval no later than 20 days before the commencement of such operations. Other agencies having jurisdiction shall also be notified. These agencies the California Regional Water Quality Board, the Los Angeles County Department of Health Services, and the South Coast Air Quality Management District.

8. Decontamination shall require the following, as a minimum:

   a. Cleaning operation shall be done under the supervision of persons who understand the hazardous potential of the original liquid stored and its components.
   b. The personnel shall be sufficiently skilled to safely carry out such operation.
   c. Contaminated materials removed from such facility shall be disposed of at legal point of discharge.
   d. The operation shall be carried out in a manner that will not endanger the health of the public and the environment.

CONDITIONS B – TEMPORARY

1. All temporary closures shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, "Abandonment or Removal of Underground Tanks, "Part A and any other applicable Parts.

2. A temporary closure shall not exceed 180 days.

CONDITION C – PERMANENT TANK(S) REMOVAL

1. All tank removals shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Part B and any other applicable Parts.

2. Owners/operators shall notify the Building Department having jurisdiction at the place of removal if a grading permit is necessary.

3. Removed tanks shall not be transported away from the site until an inspection to establish site integrity is carried by the County Engineer.

4. If an appointment has been arranged with a County Engineer inspector to inspect the removal of a tank, the inspector will only wait at the site a reasonable amount of time (approximately one hour) after arriving for the removal to commence. Another closure fee may be charged if the inspector has to return to the site.

5. After inspection, tank shall be transported to a legal disposal point.

6. If the tank has stored materials other than motor fuel, fuel oil or waste oil, site integrity shall be demonstrated using the soil sampling and analysis procedures described in CONDITIONS D below.

7. The site shall be filled and re-compacted to a relative compaction of 90%.

CONDITIONS D – PERMANENT

1. All permanent closures of tanks in place shall comply with Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Part B or C and any other applicable Parts.

2. Owners/operators shall demonstrate site integrity as follows:

   a. Test borings shall be slant drilled to intercept a point beneath the center of the tank, if possible. If slant drilling is not feasible, the test boring may be drilled vertically and the reason stated in the report in 2.h. below.
   b. For single tanks, a minimum of two test borings will be required, each located on opposite sides of the tank along the major axis of the tank.
   c. For multiple tanks, as a minimum, boring shall be placed at 20 foot intervals around the tank cluster. The actual number and location of borings shall be evaluated on a case-by-case basis. Tanks separated by 20 feet or more shall be considered single tanks for the purposes of test locations and placement.
   d. Soil samples shall be taken at depths of 5, 10, 20, 30 and 50 feet below grade level.
   e. A Shelby Tube or a Modified California Sampler shall be utilized for taking all soil samples.
   f. Soil samples shall not be extruded in the field but are to be immediately placed in a refrigerated ice chest and transported to a state certified laboratory for analysis, using suitable methods.
   g. A report containing the results of the above analysis shall be submitted to the County Engineer.

3. If the soil analysis in 2. above indicates the presence of contaminants, the County Engineer shall require a site investigation as described in Chapter V of the County's "Underground Storage of Hazardous Materials – Guidelines."

4. A report shall be submitted to the County Engineer containing the results of the site investigation.

CLOSURE APPLICATION SUPPLEMENT
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

PART 1 OF 3

DPW USE ONLY
SITE FILE NO. G994-62151
APPLICATION NO 905099

To satisfy the permanent closure requirements for underground storage tanks storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

***** Soil sampling will be required for Vent and Vapor Recovery piping for UST systems installed after July 1, 2003. *****

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1A, 1B	2-4 feet beneath	TPHD	→ 8015M
2A, 2B	tank invert	BTEX, MTBE	→ 8260B
3A, 3B		Fuel Oxygenates	→ 8260B
		Organic lead	→ DOHS Method
1 sample	2-4 feet below	Same as	Same as
each UDC		above	above
1 sample	2-4 feet below	Same as	Same as
piping, every 20 feet		above	above
starting from UDC's			

* Apply EPA Method 5035 for soil sample collection, preparation and analysis.

~~Test for organic lead if past UST contents or tested, or if it is unknown whether past UST contents were leaded.~~

Continued on Page 2

3. All soil samples obtained shall be discrete, undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date/time of sampling shall be included in the final report.

4. Conform to the analytical requirements table below for petroleum hydrocarbon sites. Apply EPA Method 5035 specified in the USEPA SW-846, version III (12/1996) for soil sample preparation and preservation in order to minimize volatile organic losses. Use the sample collection devices, or equivalent, specified in the method (e.g., the Encore™ sampler). If the Encore™ sampler is used, analyze sample within 48 hours from the collection. Analyze sample within 10 days for soil samples stored under frozen conditions.

UST CONTENTS	Analyte	Analytical Method	Required MDL Soil (mg/kg)	Required MDL Water (ug/L)
GASOLINE OR DIESEL	Total Petroleum Hydrocarbons (TPH) - Gasoline	EPA Method 8015 (M)	100-200	50-100
	Total Petroleum Hydrocarbons (TPH) - Diesel	EPA Method 8015 (M)	1000	500
	Benzene	EPA Method 8260B (8021B)	1	0.5
	Toluene	EPA Method 8260B (8021B)	1	0.5
	Ethylbenzene	EPA Method 8260B (8021B)	1	0.5
	Xylenes (Total)	EPA Method 8260B (8021B)	1	0.5
	Methyl Tertiary Butyl ether (MTBE)	EPA Method 8260B	2	1
	Diisopropyl ether (DIPE)	EPA Method 8260B	2	1
	Ethyl tertiary butyl ether (ETBE)	EPA Method 8260B	2	1
	Tertiary amyl methyl ether (TAME)	EPA Method 8260B	2	1
	Tertiary butyl alcohol (TBA)	EPA Method 8260B	20	10
	Ethanol	EPA Method 8260B	500	250
	Naphthalene	EPA Method 8015 (M)	1000	500
OTHER, WASTE OIL UNKNOWN	Total Recoverable Petroleum Hydrocarbons (TRPH) - Waste Oil	EPA Method 418.1 or EPA Method 1664A	1000	500
	UST Permitted Contents, all VOC's (EPA Method 8260) + To Be Determined			

Continued on Page 3

5. All soil/groundwater samples shall be analyzed by a laboratory approved by the California Environmental Accreditation Laboratory Program (ELAP).

6. Analytical results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) Detection limits for each analytical procedure and determination; d) The method of analysis; e) Signature of chemist certifying results.

7. All soil/groundwater samples obtained shall be handled and transported to laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.

9. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

10. A final report that contains all of the above required information shall be submitted to the office above within one (1) month form the sampling date or 180 days from the date of this permit, whichever is earlier.

11. All electronic data shall be submitted to the State Water Resources Control Board Geotracker database.

Subject: Fwd: 1977 Saturn St
From: Ron Franklin <ron@georgebryantconst.com>
Date: 11/14/2018, 3:10 PM
To: Rob Hansen - Aem <rhansen@altaem.com>

Here is the reply for the lead samples. The tanks were always permitted as diesel fuel

Ron Franklin
George Bryant Construction Inc
(909) 944-3517 office
(909)215-4428 cell

Begin forwarded message:

From: "Kattya Batres" <GBATRES@dpw.lacounty.gov>
To: "Ron Franklin" <ron@georgebryantconst.com>
Subject: 1977 Saturn St

Ron,

Attached you can find the pdf copy of the approved tank removal permit. In the soil sample laboratory analysis specification sheet, you can see that we require the samples to be analyzed for Organic Lead, with a note clarifying to test for it if the tanks' contents used to be leaded or if it is unknown whether they were leaded or not.
If the owner is sure these tanks never contained leaded fuel, the Organic Lead analysis can be disregarded. If there is some doubt, then it has to be included.

Best regards,
Kattya Batres
Los Angeles County Public Works
Office: (626) 458-3526

ATT00001.htm

Attachments:

1977 Saturn UST closure permit.pdf	2.9 MB
ATT00001.htm	178 bytes

CLOSURE APPLICATION SUPPLEMENT
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

PART 1 OF 3

DEPT LOG NO. STR 6497-6215
APP. NO. 9850497

To satisfy the permanent closure requirements for underground storage tanks storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

***** Soil sampling will be required for Vent and Vapor Recovery piping for UST systems installed after July 1, 2003. *****

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1A, 1B	3-4 feet beneath	TPHD	→ 8015M
2A, 2B	tank bottom	BTEX, MTBE	→ 8260B
3A, 3B		fuel oxygenates	
		? Organic lead	→ DOHS Meth.
1 sample	3-4 feet below	Same as	Same as
	each UST	above	above
1 sample	2-4 feet below	Same as	Same as
	piping, every 20 feet	above	above
	trench, from UST		

? Apply EPA Method 8015 for all sample collection, preservation and procedure.

Test for organic lead if past UST contents were leaded, or if it is [illegible]

Continued on Page 2

APPENDIX B

SOIL & GROUNDWATER SAMPLING PROCEDURES

APPENDIX B

SOIL & GROUNDWATER SAMPLING PROCEDURES

Soil Samples

- Soil samples collected from the piping trenches were obtained using a hand auger. Soil samples collected from the tank pit were obtained with a backhoe.
- A relatively undisturbed portion of each sample was also retained in general accordance with EPA method no. 5035 protocol, using an EASYDRAW® syringe. An approximate five gram sample was collected with the syringe and ejected each into four pre-tared, 40 ml glass VOA vials (two vials containing pre-measured quantities of $NaHSO_4$, one vial containing MeOH, and one vial with no preservative).
- Additional sample (for non-VOC analyses) was also collected in a laboratory approved, 4-Oz. glass jar at each location.
- All collected samples was labeled with the sample number, date and project number.
- All samples were stored in an ice chest kept at approximately 40 to 50 degrees Fahrenheit prior to transportation to a State of California, Department of Health Services certified laboratory under strict chain-of-custody procedures.
- All reusable soil sampling equipment was washed prior to each sampling events with a solution of LIQUINOX (a phosphate free detergent), rinsed with potable tap water, and then rinsed again with de-ionized water.

Groundwater Samples

- Groundwater samples were obtained with a disposable polyethylene sampling bailer lowered into the groundwater in the bottom of the UST pit.
- The groundwater samples were each retained in a 1-liter amber glass bottle containing H_2SO_4, and three 40-ml glass VOA vials with no preservative.
- All collected samples was labeled with the sample number, date and project number.
- All samples were stored in an ice chest kept at approximately 40 to 50 degrees Fahrenheit prior to transportation to a State of California, Department of Health Services certified laboratory under strict chain-of-custody procedures.

APPENDIX C

LABORATORY REPORT

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: November 16, 2018

Mr. Robert Hansen
Alta GE, Inc.
8780 Utica Avenue, Suite 250
Rancho Cucamonga, CA 91730
Tel(909)476-2190 Fax(909)476-2210

Project: **GBC - Monterey Park / 18738-01**
Lab I.D.: **181109-36 through -52**

Dear Mr. Hansen:

The **analytical results** for the soil and water samples, received by our laboratory on November 9, 2018, are attached. The samples were received chilled, intact, and accompanying chain of custody record.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manager

Andy Nguyen
Laboratory Manager

Envirn - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 595-5905 Fax (909) 595-5907

LABORATORY REPORT

CUSTOMER: Alta EM, Inc.
9280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

P.O. NO.: GBC - Monterey Park / 18738-01

MATRIX: SOIL
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT HANSEN

DATE RECEIVED: 11/9/18
DATE EXTRACTED: 11/12/18
DATE ANALYZED: 11/13/18
DATE REPORTED: 11/20/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B; PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
PS1-4	181109-26	ND	1
Method Blank		ND	
	PQL	10	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ADJ. PQL = ADJUSTED LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:
CAL-DHS ELAP CERTIFICATE No.: 1150

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Alta EM, Inc.
6285 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: GSC - Monterey Park / 18738-01

MATRIX: Soil
SAMPLING DATE: 11/08/18
REPORT TO: Ms. Robbie Hansen

DATE RECEIVED: 11/13/18
DATE EXTRACTED: 11/13/18
DATE ANALYZED: 11/13-14/18
DATE REPORTED: 11/15/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B; PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
PS2-4	181109-37	ND	1
PS3-4	181109-38	ND	1
PS4-4	181109-39	ND	1
PS5-5	181109-40	ND	1
PS6-4	181109-41	ND	1
PS7-4	181109-42	ND	1
PS8-4	181109-43	ND	1
PS9-4	181109-44	ND	1
PS10-3.5	181109-45	ND	1
PS11-4	181109-46	ND	1
PS12-3.5	181109-47	ND	1
PS13-4	181109-48	13.2 Y	1
T3-1-10	181109-49	10.5 Y	1
T3-2-10	181109-50	ND	1
Method Blank		ND	1
	PQL	10	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
Y = PEAKS IN DIESEL RANGE BUT CHROMATOGRAM DOES NOT MATCH 1 OF 5 DIESEL STANDARD

Data Reviewed and Approved by:
CAL DHS ELAP CERTIFICATE No.: 1172

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 11/13/2018 Units: mg/Kg (ppm)

Matrix: **Soil/Solid/Sludge/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 181113-LCS1/2

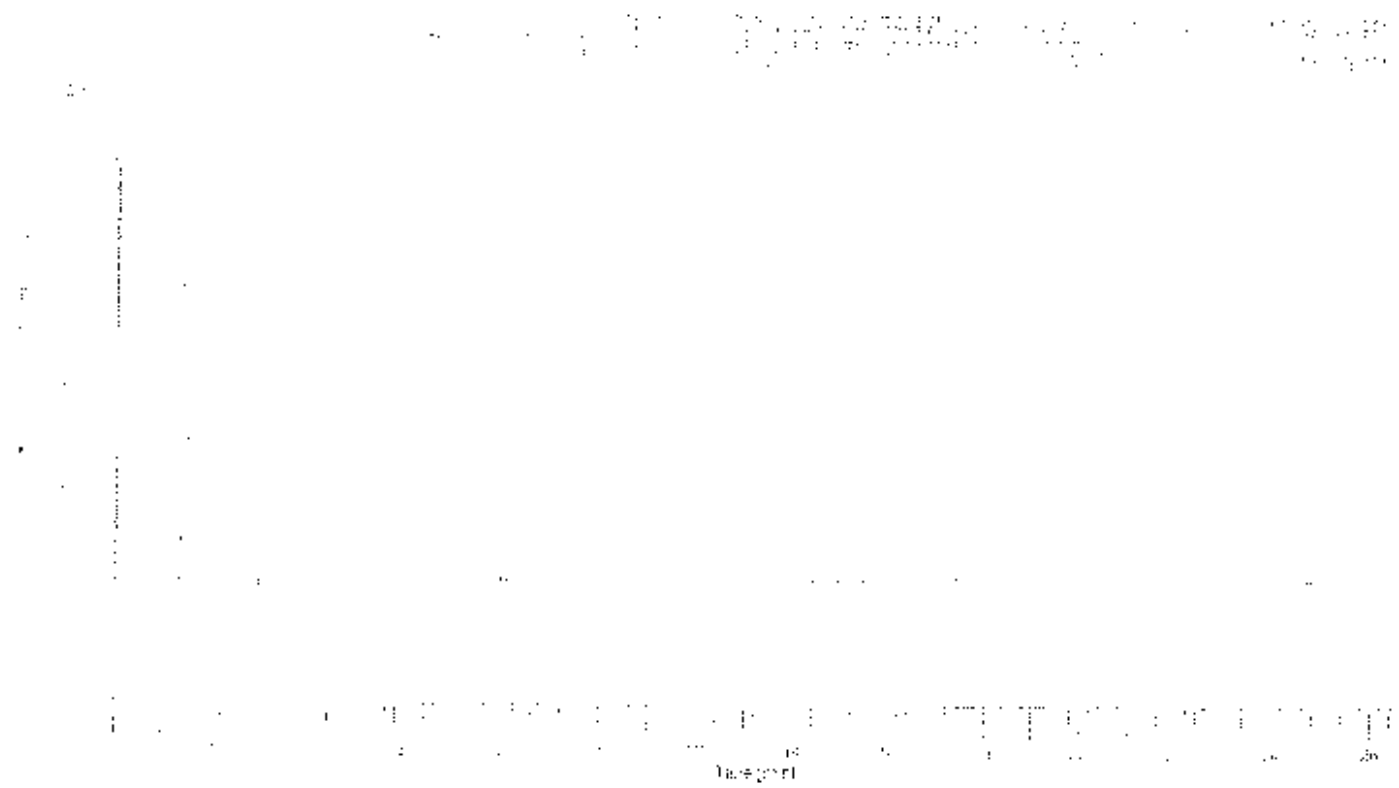
Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10-C28 Range	0	200	153	77%	151	76%	1%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10-C28 Range	200	178	89%	75-125

Analyzed and Reviewed By:

Final Reviewer:



Histogram

2015 Results

Laboratory:	[illegible]	Job:	[illegible]
Analyst:	[illegible]	Date Acquired:	[illegible]
Sample ID:	[illegible]	Lot:	[illegible]
Batch ID:	[illegible]	Comment:	[illegible]
Original Amount:	[illegible]	Dilution:	[illegible]

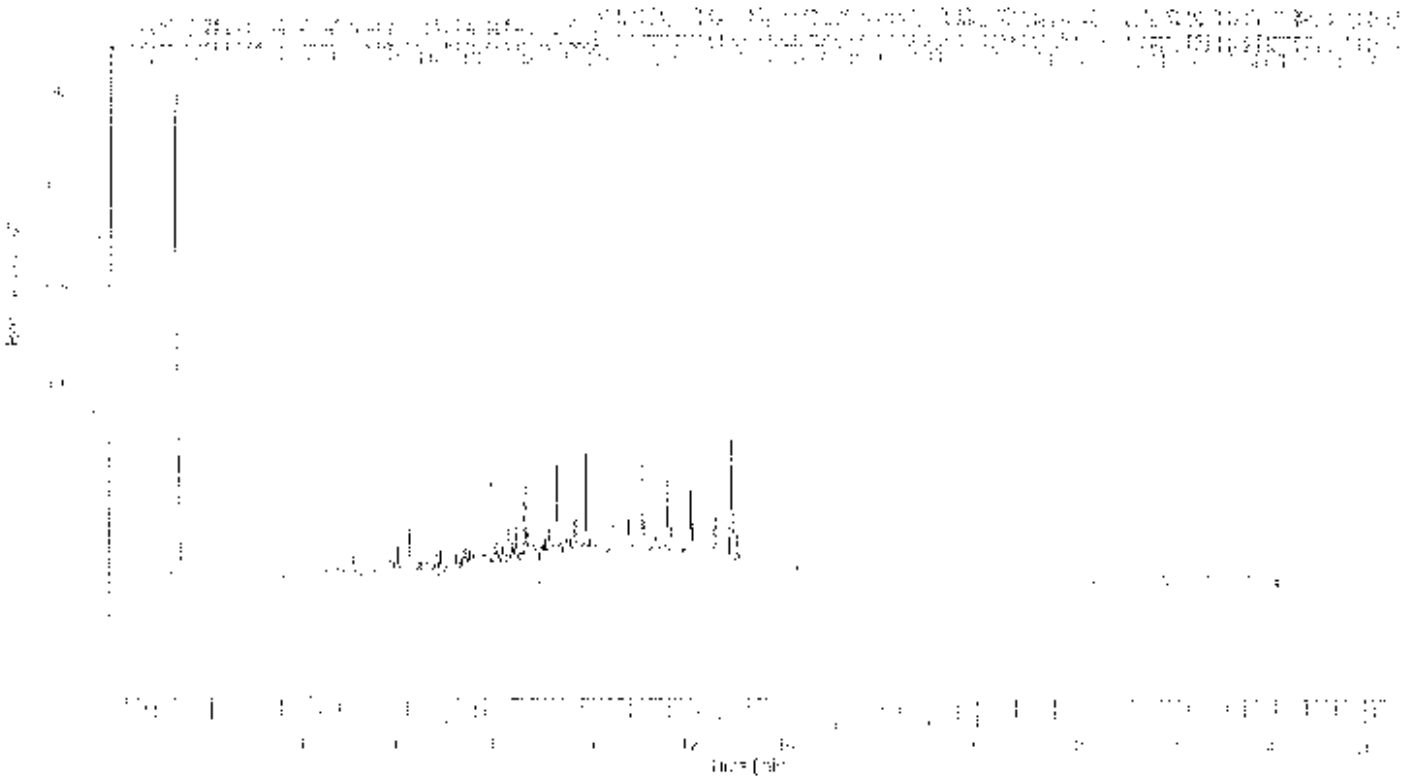
Peak Results

[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

Date	11/15/2018 4:24:29 PM
Sample Type	Unknown
Assay Type	Assay
Operator	Administrator

Results

Sensorgram for 2 - Anti-Human IgG (Fc) Capture (1000 RU) (Ligand) and Human IgG (Fc) (Analyte)



2018 Results

Analyte	Conc.	KD (M)
Human IgG (Fc)	6.25 nM	2.81e-10
	25 nM	
	100 nM	

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 11/13-14/2016 Units: mg/Kg (ppm)

Matrix: **Soil/Solid/Sludge/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **181109-37 MS/MSD**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10-C28 Range	0	200	175	88%	156	80%	10%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10-C28 Range	200	195	98%	75-125

Analyzed and Reviewed By: _____

Final Reviewer: _____

Xenco - Chem, Inc.
1913 N. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Alta EM, Inc.
9280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6919

PROJECT: GBC - Monterey Park / 18738-01

MATRIX:WATER
SAMPLING DATE:11/08/18
REPORT TO:MR. ROBERT JANSEN

DATE RECEIVED:11/09/18
DATE EXTRACTED:11/09/18
DATE ANALYZED 11/12/18
DATE REPORTED:11/13/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
TP GW1	811109-02	71	1
TP_GW2	811109-03	ND	1
Method Blank		ND	1
	PQL	500	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NOT DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:
DAS-DHS ELAP CERTIFICATE No.: 1509

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: [illegible] Units: ug/L (PPB)

Matrix: **Water/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 101111-LCS/4

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10-C28 RANGE	0	12000	14100	118%	13900	116%	1%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10-C28 RANGE	12000	10900	91%	75-125

Analyzed and Reviewed by: _____

Final Reviewer: _____

Envirochem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Alta EM, Inc.
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: GBC - Monterey Park / 19738-01
MATRIX: SOIL
SAMPLING DATE: 1/08/18
REPORT TO: Mr. Scott Hamner

DATE RECEIVED: 1/09/18
DATE ANALYZED: 1/10/18
DATE REPORTED: 1/12/18

EPA 5035/8260B FOR BTEX
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	DF
PS1-4	181109-38	ND	ND	ND	ND	1
PS2-4	181109-37	ND	ND	ND	ND	1
PS3-4	181109-36	ND	ND	ND	ND	1
PS4-4	181109-35	ND	ND	ND	ND	1
PS5-5	181109-40	ND	ND	ND	ND	1
PS6-4	181109-41	ND	ND	ND	ND	1
PS7-4	181109-42	ND	ND	ND	ND	1
PS8-4	181109-43	ND	ND	ND	ND	1
PS9-4	181109-44	ND	ND	ND	ND	1
PS10-3.5	181109-45	ND	ND	ND	ND	1
PS11-4	181109-46	ND	ND	ND	ND	1
PS12-3.5	181109-47	ND	ND	ND	ND	1
PS13-4	181109-48	ND	ND	ND	ND	1
T3-1-10	181109-49	ND	ND	ND	ND	1
T3-2-10	181109-50	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	
PQL		0.005	0.005	0.005	0.010	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NOT DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91767 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Alta EM, Inc.
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: GBC - Monterey Park / 18738-01
MATRIX: SOIL
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT DANIEL

DATE RECEIVED: 11/09/18
DATE ANALYZED: 11/10/18
DATE REPORTED: 11/19/18

EPA 5035/8260B FOR FUEL OXYGENATES
UNITS: mg/Kg - MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
PS1-4	181109-36	ND	ND	ND	ND	ND	1
PS2-4	181109-37	ND	ND	ND	ND	ND	1
PS3-4	181109-38	ND	ND	ND	ND	ND	1
PS4-4	181109-39	ND	ND	ND	ND	ND	1
PS5-5	181109-40	ND	ND	ND	ND	ND	1
PS6-4	181109-41	ND	ND	ND	ND	ND	1
PS7-4	181109-42	ND	ND	ND	ND	ND	1
PS8-4	181109-43	ND	ND	ND	ND	ND	1
PS9-4	181109-44	ND	ND	ND	ND	ND	1
PS10-3.5	181109-45	ND	ND	ND	ND	ND	1
PS11-4	181109-46	ND	ND	ND	ND	ND	1
PS12-3.5	181109-47	ND	ND	ND	ND	ND	1
PS13-4	181109-48	ND	ND	ND	ND	ND	1
T3-1-10	181109-49	ND	ND	ND	ND	ND	1
T3-1-10	181109-50	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
PQL		0.01	0.01	0.005	0.01	0.05	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL TERT-BUTYL ETHER DIPE = DIISOPROPYL ETHER
MTBE = METHYL TERT-BUTYL ETHER TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1525

Enviro Chem Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8230B QA/QC Report

Date Analyzed: 1/[illegible]/10
Machine: C

Matrix: Soil/Solid/Liquid
Unit: ppb/kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 181109-36 [illegible]

Analyte	S.R.	spk conc.	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.046	92%	0.045	90%	2%	75-125	0-20
Chlorobenzene	0	0.050	0.049	98%	0.050	100%	2%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.041	82%	0.043	86%	4%	75-125	0-20
Toluene	0	0.050	0.047	94%	0.047	94%	0%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.044	88%	0.045	90%	2%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.044	88%	75-125
Chlorobenzene	0.050	0.055	110%	75-125
Chloroform	0.050	0.039	78%	75-125
1,1-Dichloroethene	0.050	0.043	86%	75-125
Ethylbenzene	0.050	0.053	106%	75-125
o-Xylene	0.050	0.054	108%	75-125
m,p-Xylene	0.100	0.105	105%	75-125
Toluene	0.050	0.047	94%	75-125
1,1,1-Trichloroethane	0.050	0.040	80%	75-125
Tetrachloroethene (PCE)	0.050	0.051	102%	75-125

Surrogate Recovery	spk conc.	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	181109-36	181109-37	181109-38	181109-39	181109-40	181109-41
Dibromofluoromethane	50.0	70-130	88%	92%	91%	88%	93%	99%	96%
Toluene-d8	50.0	70-130	94%	96%	99%	96%	95%	97%	98%
4-Bromofluorobenzene	50.0	70-130	104%	106%	100%	100%	99%	101%	98%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			181109-42	181109-43	181109-44	181109-45	181109-46	181109-47	181109-48
Dibromofluoromethane	50.0	70-130	89%	90%	91%	94%	101%	104%	102%
Toluene-d8	50.0	70-130	96%	95%	99%	97%	100%	99%	99%
4-Bromofluorobenzene	50.0	70-130	102%	100%	100%	99%	102%	102%	97%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			181109-49	181109-50				
Dibromofluoromethane	50.0	70-130	100%	102%				
Toluene-d8	50.0	70-130	95%	100%				
4-Bromofluorobenzene	50.0	70-130	98%	100%				

** = Surrogate failed due to matrix interference. LCS, MS, MSD are all spiked therefore the analyses is in control*

S.R. = Sample Results
spk conc = Spike Concentration
MS = Matrix Spike
%RC = Percent Recovery
ACP %RC = Accepted Percent Recovery
MSD = Matrix Spike Duplicate

Analyzed/Reviewed By: [signature]

Final Reviewer: [illegible]

Enviro - Chem, Inc.
1214 S. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-4905 Fax (909) 590-6907

LABORATORY REPORT

CONTACT: Alta EM, Inc.
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: GDC - Monterey Park / 18738-01
MATRIX: WATER
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT HANSEN
DATE RECEIVED: 11/09/18
DATE ANALYZED: 11/15/18
DATE REPORTED: 11/15/18

EPA 5030B/8260B FOR BTEX
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	DF
TF GW1	18L09-01	ND	ND	ND	ND	1
TF GW2	18L09-02	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	1
PQL		1.00	1.00	1.00	3.00	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:
CAL-DHS ELAP CERTIFICATE NO.: 1556

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Alta EM, Inc.
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: GBC - Monterey Park / 18738-01
MATRIX: WATER
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT BALSON
DATE RECEIVED: 11/09/18
DATE ANALYZED: 11/13/18
DATE REPORTED: 11/15/18

EPA 5030B/8260B FOR FUEL OXYGENATES
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
TP GW1	181109-51	ND	ND	ND	ND	ND	1
TP GW2	181109-52	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
	PQL	5.00	5.00	3.00	5.00	50.0	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL tert-BUTYL ETHER DIPE = ISOPROPYL ETHER
MTBE = METHYL tert-BUTYL ETHER TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Dal - Reviewed and Approved by: _____
CAL DHS ELAP CERT.#2272 No.: 1500

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: [illegible]
Machine: B

Matrix: Water/Liquid
Unit: ug/L (PPB)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 181109-35 MS/MSD

Analyte	S/R	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	25.0	22.9	92%	23.8	95%	4%	75-125	0-20
Chlorobenzene	0	25.0	22.4	90%	23.7	95%	5%	75-125	0-20
1,1-Dichloroethene	0	25.0	22.2	89%	18.8	75%	14%	75-125	0-20
Toluene	0	25.0	22.4	90%	23.5	94%	5%	75-125	0-20
Trichloroethene (TCE)	0	25.0	22.7	91%	24.5	98%	7%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	25.0	21.6	86%	75-125
Chlorobenzene	25.0	21.6	86%	75-125
Chloroform	25.0	22.0	88%	75-125
1,1-Dichloroethene	25.0	21.4	86%	75-125
Ethylbenzene	25.0	20.9	84%	75-125
o-Xylene	25.0	21.6	87%	75-125
m,p-Xylene	50.0	44.2	88%	75-125
Toluene	25.0	21.6	86%	75-125
1,1,1-Trichloroethane	25.0	20.9	84%	75-125
Trichloroethene (TCE)	25.0	20.7	83%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	181109-35	181109-25	181108-20	181108-21	181108-22	181108-23
Dibromofluoromethane	25.0	70-130	96%	84%	84%	87%	87%	92%	86%
Toluene-d8	25.0	70-130	102%	100%	99%	100%	101%	101%	101%
4-Bromofluorobenzene	25.0	70-130	93%	89%	88%	94%	91%	90%	91%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			181108-24	181108-25	181108-26	181109-62	181109-51	181109-52	
Dibromofluoromethane	25.0	70-130	84%	79%	82%	82%	83%	86%	
Toluene-d8	25.0	70-130	100%	100%	100%	100%	99%	100%	
4-Bromofluorobenzene	25.0	70-130	91%	89%	90%	89%	90%	90%	

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.									
Dibromofluoromethane	25.0	70-130							
Toluene-d8	25.0	70-130							
4-Bromofluorobenzene	25.0	70-130							

* = Surrogate fail due to matrix interference. LCS, MS, MSD are in control therefore the analysis is in control
S/R = Sample Results
spk conc = Spike Concentration
MS = Matrix Spike
%RC = Percent Recovery
ACP %RC = Accepted Percent Recovery
MSD = Matrix Spike Duplicate

Analyzed/Reviewed By:

Final Reviewer:

Jessica Lin <enviroche[illegible]inc@gmail.com>

GBC -Monterey Park

Rob Hansen - AEM <rhansen@altaem.com>
To: Jessica LIN <enviroche[illegible]inc@gmail.com>
Cc: curt@enviro-chemlab.com

Wed, Nov 14, 2018 at 4:22 PM

Jessica Curt and I discussed putting the organic lead analyses on hold for those soil samples picked up last Friday. The Regulator has approved NOT doing this particular analysis, so please do not

Enviro-Chem, Inc. Laboratories
[illegible] E. Lexington Avenue,
Pomona, CA 91766
Tel: [illegible] Fax: 909) 623-5617
DHS ELAP CERTIFICATE #1555

Turnaround Time
[illegible] Same Day
[illegible] 24 Hours
[illegible] 48 Hours
[illegible] 72 Hours
[illegible] Other (specify)

SAMPLE ID	LAB #	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TOTAL PETROLEUM HYDROCARBONS	Analysis Required	COMMENTS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Enviro-Chem, Inc. Laboratories
1214 E. Lexington Avenue
Pomona, CA 91766
Tel: 909 623-8985 Fax: 909 623-8757
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
- 24 Hour
- 48 Hour
- 5 Day
- Normal

SAMPLE I.D.	LAB #	SAMPLING DATE/TIME	MATRIX	NO. OF CONTAINERS	Analysis Required	COMMENTS

Company Name:

Address:

City/State/Zip:

Project Contact:

Tel:

Fax/Email:

Sampler's Signature:

Project Name/No.:

Relinquished by:

Relinquished by:

Relinquished by:

Received by:

Received by:

Received by:

- Normal
- Other

Comments/Special Instructions for Sample Storage & Report Analysis
- Dispose of
- Return to Client
- Store for 30 Days
- Other

CHAIN OF CUSTODY RECORD

Page ___ of ___

APPENDIX D

OTHER REMOVAL DOCUMENTATION
(RINSATE MANIFEST, TANK DESTRUCTION / RECYCLING CERTIFICATE)

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	CAD002986628	1	909 944-3517	019436560 JJK

GENERATOR

5. Generator's Name and Mailing Address
EQUITY OFFICE
1977 SATURN STREET
MONTEREY PARK, CA 91755
Generator's Phone: 323 890-7001 Attn: ROBERT DEL RICCIO

Generator's Site Address (if different than mailing address)
EQUITY OFFICE
1977 SATURN STREET
MONTEREY PARK, CA 91755

6. Transporter 1 Company Name: ADAMS SERVICES, INC. — U.S. EPA ID Number: CAR000189431

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
DEMENNO/KERDOON
2000 N. ALAMEDA STREET
COMPTON, CA 90222
Facility's Phone: 310 537-7100
U.S. EPA ID Number: CAT080013352

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. RQ, RCRA HAZARDOUS WASTE LIQUID (WATER WITH TRACE HYDROCARBONS)	1	TT		G	343
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
AVOID EYE CONTACT & WEAR RUBBER GLOVES
ERG 128
CONTRACTOR: GEORGE BRYANT
1) WATER WITH HYDROCARBONS

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month / Day / Year

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: RUBEN JARAMILLO — Signature — Month: 11 Day: 08 Year: 18
Transporter 2 Printed/Typed Name — Signature — Month / Day / Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month / Day / Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month / Day / Year

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

AZUSA LAND RECLAMATION

1211 W. Gladstone St, Azusa, CA 91702
Phone: 626-2249127 FAX: 626-8120801

Certificate of Material Destruction

THIS RECORD IS TO CERTIFY THAT MATERIAL RECEIVED ON NOVEMBER 08, 2018 AT 13:03 PM.
HAS BEEN DISPOSED OF ACCORDING TO LANDFILL BEST MANAGEMENT PRACTICES
AND ALL CIWMB AND LARWQCB REGULATIONS.

Generator:	Transporter	Disposal Site:
Equity Office 1977 Saturn Street Monterey Park CA 91755	Adams Services, Inc. 1 – 10,000 gallon tank	Azusa Land Reclamation 1211 W. Gladstone St. Azusa, CA 91702

Azusa Land Reclamation

AZUSA LAND RECLAMATION

1211 W. Gladstone St, Azusa, CA 91702
Phone: 626-2249127 FAX: 626-8120801

Certificate of Material Destruction

THIS RECORD IS TO CERTIFY THAT MATERIAL RECEIVED ON NOVEMBER 08, 2018 AT 13:49 PM.
HAS BEEN DISPOSED OF ACCORDING TO LANDFILL BEST MANAGEMENT PRACTICES
AND ALL CIWMB AND LARWQCB REGULATIONS.

Generator: Equity Office
1977 Sather Street
Monterey Park CA 91755

Transporter
Adams Services, Inc.
1 – 10,000 gallon tank

Disposal Site: Azusa Land Reclamation
1211 W. Gladstone St.
Azusa, CA 91702

Azusa Land Reclamation

AMERICAN METAL RECYCLING

11150 REDWOOD AVE. • FONTANA CA 92337
(909) 986-8000

Nº 65500

TANK DISPOSAL FORM

Date: 11/8/18
Job#
P.O.#

CONTRACTOR: Adams Surveys
ADDRESS: 406 E. Alameda Blvd. Covina, Ca 91723
JOB SITE: Equity Office
ADDRESS: 6121 Bollman St. Montclair, Ca. 91755
DESTINATION: A.M.R. 11150 REDWOOD AVE., FONTANA, CA 92337

DATE	TIME	PROJECT # TANKS	DISPATCHED BY:	BOL NO.

SPECIAL INSTRUCTIONS:

TIME IN:
TIME OUT:

(1) 2000

✔	Services Rendered	Cost
___	Disposal Fee	
___	Extensive Loading Time	
___	Disposal Fee with Permit	
___	Fiberglass Tank Disposal Fee Per Tank	
___	Fiberglass Delivered	
___	Bobtail Disposal	
___	Cancellation Fee	

TOTAL CHARGES $

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice. Contractor's signature represents acceptance of terms for payment, and confirms that tank removal complies with State laws.

CONTRACTOR'S SIGNATURE

TANKS RECEIVED

QTY	GALLONS	TYPE *F *S	NET TONS	TOTAL
	200		.14	
	500		.21	
	550		.24	
	1000 - 12 ft.		.44	
	1000 - 8 ft.		.61	
	1500		.87	
	2000		.97	
	2500		1.14	
	3000		1.32	
	4000		1.64	
	5000		2.42	
	6000		2.80	
	7500		3.26	
	8000		3.44	
	9000		3.82	
	10000		4.33	
	12000		4.93	

NO. OF TANKS: 1 TOTAL NET TONS:

*F - FIBERGLASS *S STEEL TIS

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

AUTHORIZED REP.

11/8/18
DATE

6994-65226

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ YES ☒ NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ YES ☒ NO

REPORT DATE 0 0 0 0 0 0 (M M D D Y Y)

CASE #

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM

SIGNED John Arauco DATE

REPORTING PARTY

NAME OF INDIVIDUAL FILING REPORT: John Arauco | PHONE: 626 458 3507 | SIGNATURE: John Arauco

REPRESENTING: ☒ OWNER OPERATOR ☐ REGIONAL BOARD ☒ LOCAL AGENCY ☐ OTHER

COMPANY OR AGENCY NAME: LA County Public Works

ADDRESS: 900 S. Fremont Ave. (STREET) Alhambra (CITY) CA (STATE) 91803 (ZIP)

RESPONSIBLE PARTY

NAME: BRE CA SATURN LLC ☐ UNKNOWN | CONTACT PERSON: Dean Christian | PHONE: 818 334 2252

ADDRESS: 1977 Saturn street (STREET) Monterey Park (CITY) CA (STATE) 91755 (ZIP)

SITE LOCATION

FACILITY NAME (IF APPLICABLE): BRE CA SATURN LLC | OPERATOR: Dean Christian | PHONE: 818 334 2252

ADDRESS: 1977 Saturn Street (STREET) Monterey Park (CITY) LA (COUNTY) 91755 (ZIP)

CROSS STREET: Potrero Grande Drive

IMPLEMENTING AGENCIES

LOCAL AGENCY | AGENCY NAME: LA Co. Public Works | CONTACT PERSON: Tim Smith | PHONE: 626 458 3511

REGIONAL BOARD: RWQCB | Yue Rong | PHONE: 213 576 6710

SUBSTANCES INVOLVED

(1) NAME: TPH 10.5 ppm, 15.5 ppm | QUANTITY LOST (GALLONS) ☐ UNKNOWN

(2) ☐ UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED: 1 2 0 7 0 1 (M M D D Y Y)

HOW DISCOVERED: ☐ TANK TEST ☒ TANK REMOVAL ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ OTHER

DATE DISCHARGE BEGAN: 0 0 0 0 0 0 (M M D D Y Y) ☒ UNKNOWN

HAS DISCHARGE BEEN STOPPED? ☒ YES ☐ NO IF YES DATE: 0 0 0 0 0 0 (M M D D Y Y)

METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)
☐ REMOVE CONTENTS ☒ CLOSE TANK & REMOVE ☐ REPAIR PIPING ☐ REPAIR TANK ☐ CLOSE TANK & FILL IN PLACE ☐ CHANGE PROCEDURE ☐ REPLACE TANK ☐ OTHER

SOURCE/CAUSE

SOURCE OF DISCHARGE: ☒ TANK LEAK ☐ UNKNOWN ☐ PIPING LEAK ☐ OTHER

CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL ☐ CORROSION ☒ UNKNOWN ☐ OTHER

CASE TYPE

CHECK ONLY ONE
☐ UNDETERMINED ☒ SOIL ONLY ☐ GROUNDWATER ☐ DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS

CHECK ONLY ONE
☒ NO ACTION TAKEN ☐ PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED ☐ POLLUTION CHARACTERIZATION
☐ LEAK BEING CONFIRMED ☐ PRELIMINARY SITE ASSESSMENT UNDERWAY ☐ POST CLEANUP MONITORING IN PROGRESS
☐ REMEDIATION PLAN ☐ CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) ☐ CLEANUP UNDERWAY

REMEDIAL ACTION

CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)
☐ CAP SITE (CD) ☐ EXCAVATE & DISPOSE (ED) ☐ REMOVE FREE PRODUCT (RP) ☐ ENHANCED BIO DEGRADATION (T)
☐ CONTAINMENT BARRIER (CB) ☐ EXCAVATE & TREAT (ET) ☐ PUMP & TREAT GROUNDWATER (GP) ☐ REPLACE SUPPLY (RS)
☐ VACUUM EXTRACT (VE) ☐ NO ACTION REQUIRED (NA) ☐ TREATMENT AT HOOKUP (HU) ☐ VENT SOIL (VS)
☒ OTHER Not specified

COMMENTS

Low case soil only.

C950298

5226
006994-06

JOA
CLSR

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

8280 UTICA AVENUE, SUITE 200
RANCHO CUCAMONGA, CA 91730
909.476.2120 TEL
909.476.6819 FAX
WWW.ALTAEM.COM

C0009114931

December 7, 2018

Via US Mail First Class

Count of Los Angeles Department of Public Works
Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802-1460

RECEIVED
JAN 0 8 2019
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS

SUBJECT: **UST SOIL SAMPLING/ CLOSURE REPORT**
1977 SATURN STREET
MONTEREY PARK, CA 91755
SITE FILE NO. 6994-62151 / APP NO. 905166

To whom it may concern:

Attached is one hard copy of the subject report for your review. Please contact the undersigned if you have any additional questions.

Very Truly Yours,
ALTA EM, Inc.

REGISTERED GEOLOGIST
ROBERT B. HANSEN
No. 5839
STATE OF CALIFORNIA

ROBERT B. HANSEN
Senior Env. Geologist
California PG #5839

A 905166

cc: File no. 18738-01
Ron Franklin, George Bryant Construction

006994-065226

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

8280 UTICA AVENUE, SUITE 200
RANCHO CUCAMONGA, CA 91730
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WWW.ALTAEM.COM

(12)
JOA/CLSR

C0009114 31

December 5, 2018

Los Angeles County Department of Public Works
Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802-1460

RECEIVED
JAN 0 8 2019
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS

SUBJECT: SOIL SAMPLING RESULTS RELATED TO UST SYSTEM REMOVALS
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

Dear Sirs:

This report summarizes the results of tank system removals, and associated soil sampling activities, completed at the subject site in Monterey Park, California (see attached Site Location Map - **Figure 1**).

The soil sampling activities were completed in general accordance with guidelines of Los Angeles County Department of Public Works (LADPW) and the Los Angeles Regional Water Quality Control Board (LARWQCB).

A copy of the UST removal permit is provided in attached **Appendix A**.

The tank removal activities were conducted by George Bryant Construction of Alta Loma, California (contractor). Soil sampling was completed by ALTA EM, Inc. (environmental consultant). A representative of the LACDPW (Mr. William Edwards) was scheduled to be on-site, but called the site contractor on-site within a few minutes of the scheduled inspection time, indicating he would not be able to be on site. Mr. Edwards authorized the UST removals and soil sampling to commence without his presence. A representative of ALTA EM, Inc. also spoke with Mr. Edwards verifying these approvals, and provided him our contact info, and the license number of the responsible Professional Geologist prior to proceeding.

Site Setting / Hydrogeology

The site is located at the northern edge of the Coastal Plain of Los Angeles County, in the Merced / Montebello Hills. These hills consist of sedimentary rocks of the Pico Formation, and the site area is dominated by the structural feature known as the Montebello Anticline. The site area is not known to contain large-scale regional aquifers, as is the nearby/adjoining LA County Coastal Plain just to the south. The site is located just north and outside of the Montebello Forebay Area of the LA Coastal Plain Groundwater basin (DWR, 1961).

A review of the LACDPW water well database revealed no listed wells within one mile of the subject site (LACDPW, 2018). ALTA EM, Inc. also contacted a nearby cemetery east of the subject site (see **Figure 1**) asking about any potential well information at this location. The cemetery staff reported they have no wells (Resurrection Cemetery, 2018). A review of the Geotracker database for nearby LUST cases, with well data, revealed one facility approximately 0.5 miles south-southwest of the site with groundwater at approximately 70 feet deep in 2005. All other LUST sites with groundwater well data were greater than 0.75 miles away (Geotracker, 2018).

The site is located at the foot of a small hill, on a large graded earthen pad built for the construction of the commercial-office complex which occupies the property. Atop the hill overlooking the site are large municipal water storage tanks, a landscaping nursery (Chuys Nuersery), and a community park (La Loma Park) (see attached **Figure 2**).

While a regional aquifer is not anticipated beneath the site area, an accumulation of relatively shallow groundwater *does* exists beneath the site. The source of this groundwater is unknown (i.e. from nearby or on-site irrigation water? an accumulation of natural precipitation? an on-site water leak? combination of these sources?). Groundwater was initially encountered in the larger UST pit at approximately 5 feet, but stabilized at approximately 11.5 feet bgs overnight after it was pumped out to facility the UST removals. It is noted that groundwater appeared to be shallowest in the western-most portion of the area of investigation, even being encountered in a couple of the piping trench soil samples at 4 feet bgs.

Three monitoring wells were noted around the perimeter of the larger UST pit. All three wells appeared to have been partially destroyed (i.e. cement backfilled in their wells boxes). During excavation, the upper three to five feet of several of the wells was exposed and observed to be 4" PVC casing (presumed to also be backfilled). It is unknown if these wells were installed as groundwater monitoring wells, or possibly vadose wells when groundwater was absent or deeper.

In summary, while a regional aquifer is not anticipated beneath the site area, an accumulation of relatively shallow groundwater exists beneath the site at 4 to 11.5 feet bgs. The direction of groundwater flow is unknown, though topography of the site would strongly indicate it is likely toward the west to southwest. This is contradicted by on-site observations indicating the shallowest groundwater is in the western-most portion of the area investigated.

Tank Contents, Capacity, Construction

Details of the removed tanks were reported by the contractor as follows:

	Content	Capacity	Size	Construction
Tank #1	Diesel Fuel	10,000 gals	34' by 8'	Single-wall fiberglass w/rounded ends
Tank #2	Diesel Fuel	10,000 gals	34' by 8'	Single-wall fiberglass w/rounded ends
Tank #3	Diesel Fuel	2,500 gals	12' by 6'	Double-wall fiberglass coated steel

Larger Tanks 1 & 2 were located in a cluster, while Tank 3 was located approximately 140 feet east of the others. All three tanks contained diesel fuel, and were used to supply emergency generators. All three thanks were buried 3 to 4 feet bgs.

Attached **Figure 3** and **Photo nos. 1 and 2** show the two tank pit areas.

Soil Sampling Methods & Locations

All samples were collected on November 8, 2018.

Samples along the fuel product lines were collected at depths ranging from 3.5 to 5 feet bgs (at least 2 feet beneath removed lines), and were designated as samples no. PS1 to PS13. Attached **Photo nos. 3 through 7** show the various product line trenches which were sampled.

The Tanks 1 & 2 pit contained groundwater at approximately 11.5 feet bgs, and a large concrete pad underlying the tanks at approximately 13.5 feet bgs, precluding reasonable soil sampling. Attached **Photo no. 8** shows groundwater in the tank pit and the concrete pad depth. Given soil samples could not reasonably be collected, alternative groundwater samples were collected from this UST pit with a disposable polyethylene sampling bailer. Attached **Figure no. 3** shows the approximate locations of these two groundwater samples, designated TPGW1 and TPGW2.

The Tank 3 pit also contained an underlying concrete pad throughout the pit bottom at approximately 11.5 feet bgs, but no groundwater. This pad also precluded the reasonable collection of soil samples beneath

the concrete. Alternatively, soil samples were collected from the pit sidewalls, just above the concrete pad level, at diagonally opposing corners of the former tank. The locations of these soil samples, designated T3-1-10 and T3-2-10, are shown on attached **Figure 3**.

Soil samples were obtained with the aid of a hand auger or backhoe. Samples were retained in general accordance with EPA method no. 5035 protocol. An additional amount of each sample (for non-VOC analyses) was also collected in laboratory approved 4-oz. glass jars. **Appendix B** includes further details of the sampling procedures.

Attached **Photos 9 & 10** show both UST pits after the tanks had been removed.

Field Observations

During the soil sampling, olfactory and visual observations, as well as soil types, were recorded and are summarized in the table below:

SAMPLE NO.	SAMPLE LOCATION	SAMPLE DEPTH (feet bgs)	ODOR	COLOR	SOIL TYPE
PS1-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, damp, clayey F. SAND
PS2-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, silty F. SAND
PS3-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, F. SAND; with trace silt
PS4-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, F. SAND; with trace silt
PS5-5	Pipingt rench	5	No Odor	No Discoloration	Yellowish brown, damp to moist, clayey gravelly F. SAND
PS6-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist, F. SAND
PS7-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist, gravelly F. SAND
PS8-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, most , F. SAND
PS9-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist to wet, silty F. SAND
PS10-3.5	Piping trench	3.5	No Odor	No Discoloration	Yellowish brown, moist to wet, silty F. SAND
PS11-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, saturated, clayey silty F. SAND
PS12-3.5	Piping trench	3.5	No Odor	No Discoloration	Yellowish brown, damp to moist, clayey silty F. SAND
PS13-4	Piping trench	4	Very slight HC odor	No Discoloration	Yellowish brown w/olive mottling, moist, sandy SILT; with trace clay
T3-1-10	Tank #3 pit	10	No Odor	No Discoloration	Yellowish orange brown, damp, clayey F. SAND
T3-2-10	Tank #3 pit	10	No Odor	No Discoloration	Yellowish brown, damp, F. SAND; with trace silt and Med Sand.

During the groundwater sampling, olfactory and visual observations were recorded and are also summarized in the table below:

SAMPLE NO.	SAMPLE LOCATION	SAMPLE DEPTH (feet bgs)	ODOR & VISUAL OBSERVATIONS	COMMENT
TPGW1	Tank #1 pit - North	11.5	No odor or sheen	Groundwater sample
TPGW2	Tank #1 pit - South	11.5	No odor or sheen	Groundwater sample

Analytical Methods / Results

All soil and groundwater samples were analyzed for TPH diesel (C_{10}-C_{28}), BTEX and Fuel Oxygenates. The UST removal permit initially indicated that organic lead analyses were also required; however follow-up communications with Kattya Batres of the LACDPW confirmed the lead analyses were not required if the USTs historically only contained diesel fuel (which is the case) (see Appendix A).

The analyses were completed in general accordance with modified EPA method no. 8015 (for TPH diesel) and EPA method no. 5035/8260B (for BTEX & FUEL OXYENATES). Results are summarized as follows:

SOIL SAMPLES (all results in mg/kg)				
SAMPLE NO.	**SAMPLE DEPTH (feet bgs)**	**TPH DIESEL (C_{10}-C_{28})**	**BTEX**	**FUEL OXYGENATES (MTBE, ETBE, DIPE, TAME, TBA)**
PS1-4	4	ND	ND	ND
PS2-4	4	ND	ND	ND
PS3-4	4	ND	ND	ND
PS4-4	4	ND	ND	ND
PS5-5	5	ND	ND	ND
PS6-4	4	ND	ND	ND
PS7-4	4	ND	ND	ND
PS8-4	4	ND	ND	ND
PS9-4	4	ND	ND	ND
PS10-3.5	3.5	ND	ND	ND
PS11-4	4	ND	ND	ND
PS12-3.5	3.5	ND	ND	ND
PS13-4	4	**15.2**	ND	ND
T3-1-10	10	**10.5**	ND	ND
T3-2-10	10	ND	ND	ND
PQLs	**N/A**	**10**	**0.005-0.01**	**0.005 - 0.05**

GROUNDWATER SAMPLES (all results in ug/L)				
SAMPLE NO.	**SAMPLE DEPTH (feet bgs)**	**TPH DIESEL (C_{10}-C_{28})**	**BTEX**	**FUEL OXYGENATES (MTBE, ETBE, DIPE, TAME, TBA)**
TPGW1	11.5	ND	ND	ND
TPGW2	11.5	ND	ND	ND
PQLs	**N/A**	500	1-3	3-50

In summary, no significant TPH (C_{10}-C_{28}), BTEX or Fuel Oxygenates were detected in any of the soil or groundwater samples. Two soil samples were reported to contain minor detected TPH (C_{10}-C_{28}) at concentration of 15.2 and 10.5 mg/kg. No field evidence indicating major fuel impacts was observed at or nearby these two samples with detections. A laboratory report further detailing the results of the soil/water sample analyses is provided in attached **Appendix C**.

Other Documentation

Provide in attached **Appendix D** are copies of the tank cleaning rinsate manifest, and the tank destruction/recycling certificates.

Conclusions

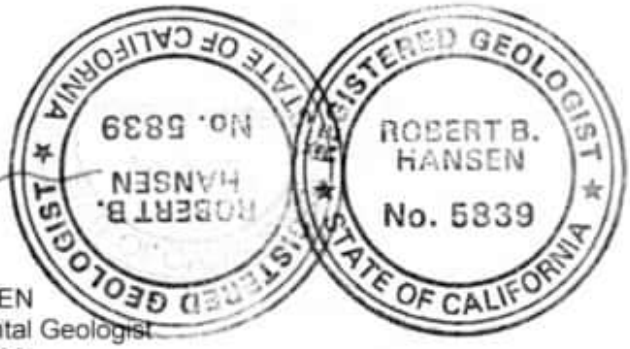
Three USTs were removed from the subject site. Two UST were located in one pit, and the third was approximately 140 feet away. Soil samples PS13-4 (piping trench) and T3-1-10 (Tank 3 pit) were reported to contain 15.2 and 10.5 mgkg of TPH (C_{10}-C_{28}), but no detected BTEX or Fuel Oxygenates. Every other soil sample was reported to contain no detected TPH (C_{10}-C_{28}), BTEX or Fuel Oxygenates.

Shallow groundwater was encountered in the Tank 1 & 2 pit, as well as a concrete pad underlying the tanks. Two groundwater samples collected from this tank pit were also reported to contain no detected TPH (C_{10}-C_{28}), BTEX or Fuel Oxygenates.

Based on the field observations and laboratory data, there is no evidence to indicate a significant release of diesel fuel from the removed UST systems. No further action is recommended, and a no further action letter is requested from the responsible party. At the time of this report, the site had no Geotracker case or global ID assigned, so this report and associated data could not be uploaded.

The opportunity to be of service is greatly appreciated. If you have any questions or comments, please do nothesitate to contact the office at (909) 476-2120.

Very Truly Yours,
ALTA EM, INC.



ROBERT B. HANSEN
Project Environmental Geologist
California P.G. #5839

cc: File No.: 18738-01

REFERENCES

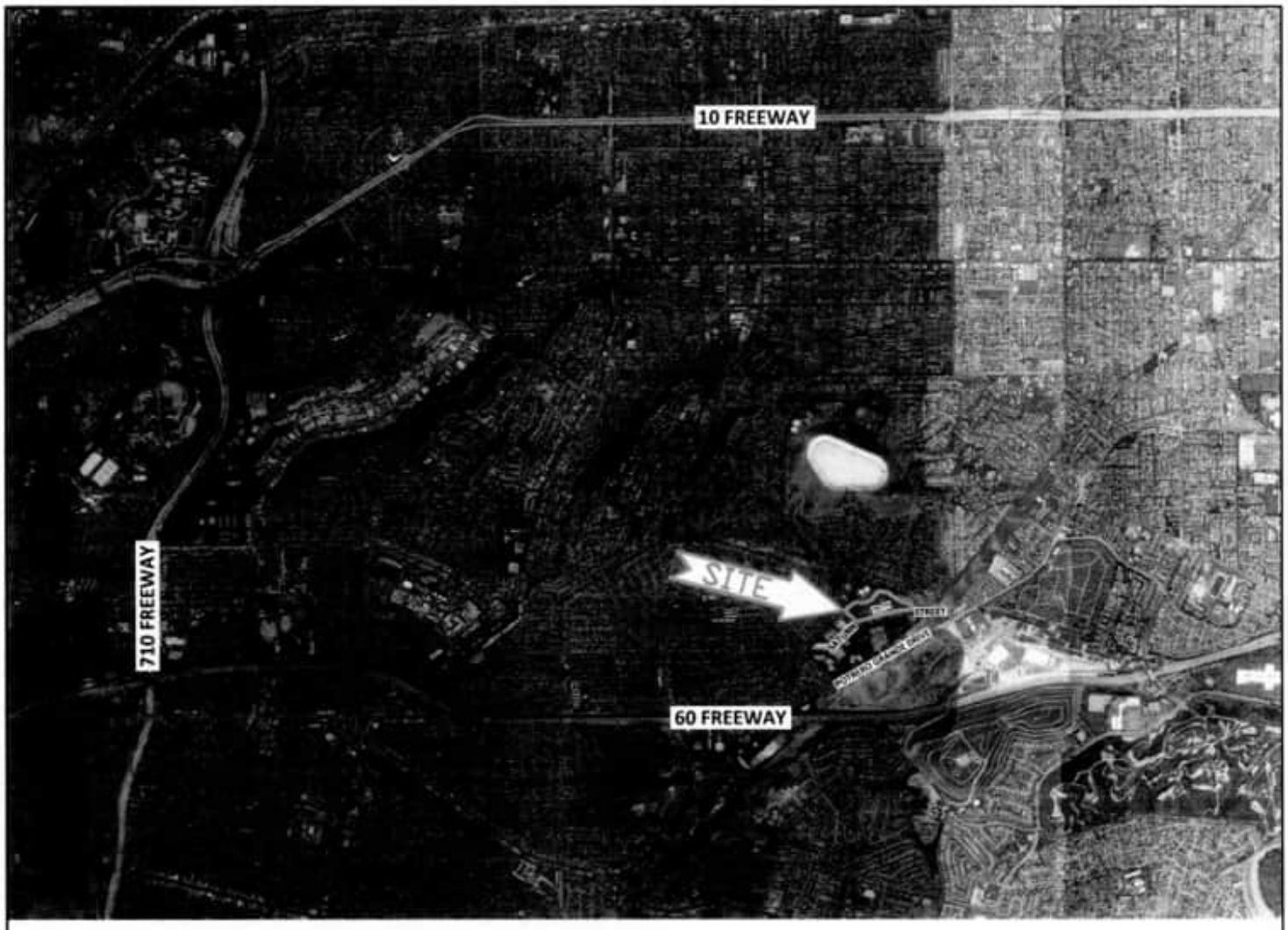
DWR (State of California Department of Water Resources), 1961, Bulletin No. 104, Planned Utilization of the Ground Water Basins of the Coastal Plain of Los Angeles, Appendix A Groundwater Geology, dated June 1961, reprinted April 1988.

Geotracker, 2018, State of California Water Resource Control Board Geotracker Database, reviewed November 9, 2018, source:http://geotracker.waterboards.ca.gov.

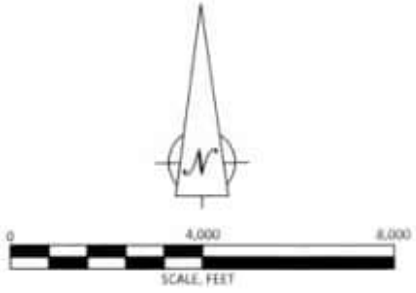
LACDPW (Los Angeles County Department of Public Works), 2018, Water Well Database (http://dpw.lacounty.gov/general/wells/) reviewed on November 9, 2018.

Resurrection Cemetery, 2018, telecommunication with cemetery staff on November 9, 2018.

USGS (United States Geological Survey), 1966, El Monte Quadrangle, 7.5-minute series topographic map, dated 1966, photorevised 1981.







Note:

Base imagery taken from Google Earth, dated 12/03/17.

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

TITLE: SITE LOCATION MAP

PROJECT:
GBC-MONTEREY PARK
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

DRAWN BY:	CHECKED BY:	FIGURE NO.:
J. PETITJEAN	R. HANSEN	1
PROJ. NO.: 18738-01	DATE: NOV 2018	



0 200 400
Scale, Feet

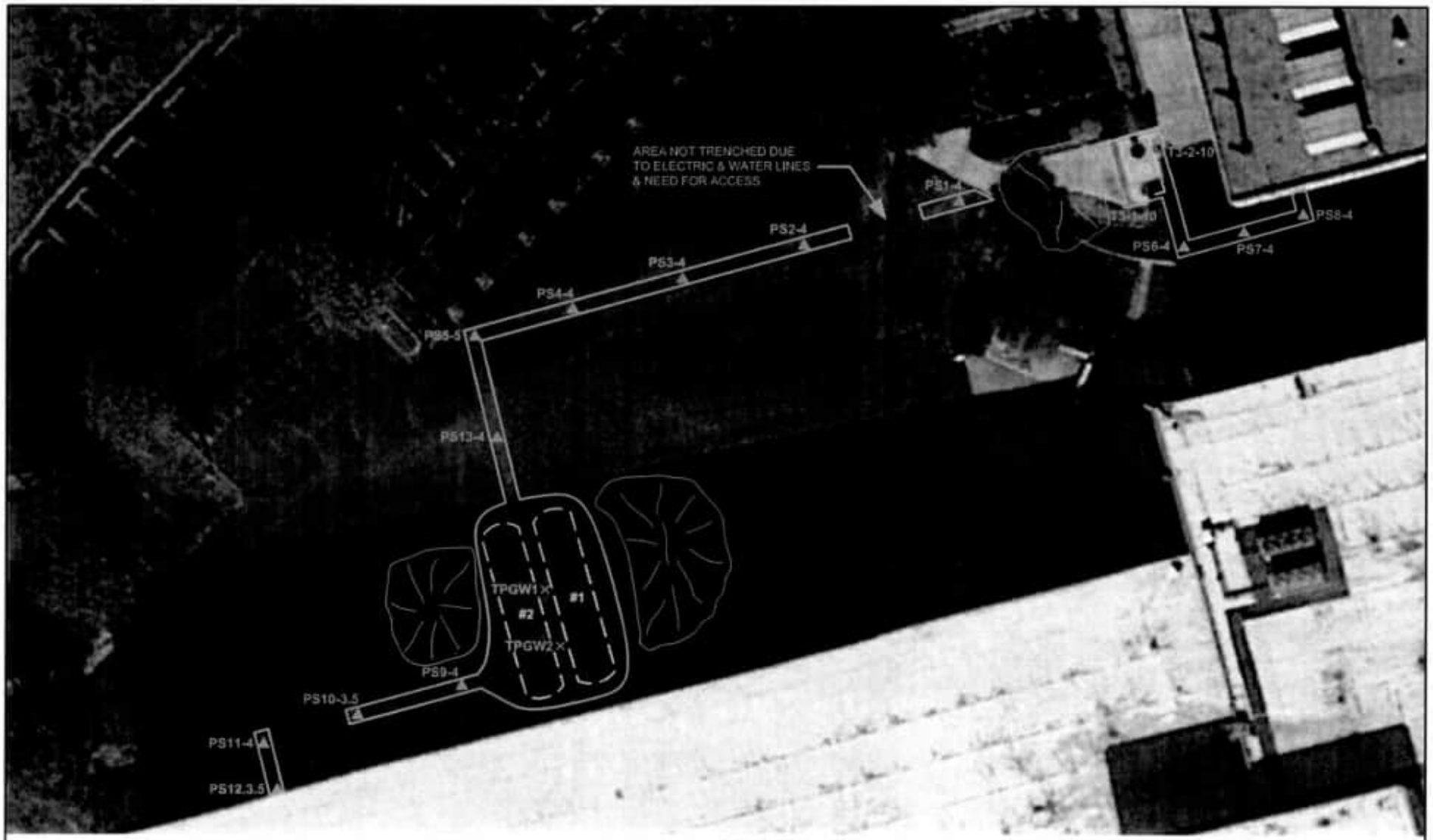
NOTES:
1) All locations and dimensions are approximate.
2) Base imagery taken from Google Earth, dated 12/03/17.

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

PROJECT:
GBC-MONTEREY PARK
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

TITLE:
SITE PLAN

DRAWN BY:	CHECKED BY:	FIGURE NO.:
J. PETITJEAN	R. HANSEN	2
PROJ. NO.: 18738-01	DATE: NOV 2018	



EXPLANATION

PS1-4 ▲ Soil Sample Location and Designation
└ Approximate Sample Depth Below Ground Surface (feet)

TPGW1 × Groundwater Sample Location and Designation

Removed UST
└ Tank No.

Pea Gravel Stockpile

Exposed Piping Trench

0 30 60
Scale, Feet

NOTES:
1) All locations and dimensions are approximate.
2) Base imagery taken from Google Earth, dated 12/03/17.

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

TITLE: SOIL SAMPLING LOCATIONS

PROJECT:
GBC-MONTEREY PARK
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

DRAWN BY:	CHECKED BY:	FIGURE NO.:
J. PETITJEAN	R. HANSEN	3
PROJ. NO.: 18738-01	DATE: NOV 2018	



Photo 1: (looking S) Tanks 1 & 2 pit prior to UST removals. Note evidence of prior (partially destroyed) monitoring wells in background).



Photo 2: (looking N) Tank 3 pit.



Photo 3: (looking W) Product line trench section in which sample nos. PS1, PS2, PS3, PS4 and PS5 were collected.



Photo 4: (looking S) Product line trench section in which sample nos. PS5 and PS13 were collected.



Photo 5: (looking W) Product line trench section in which sample nos. PS9 and PS10 were collected..



Photo 6: (looking S) Product line trench section in which sample nos. PS11 and PS12 were collected.



Photo 7: (looking E) Product line trench section in which sample nos. PS6, PS7, and PS8 were collected.



Photo 8: (looking E) Tank #1 and #2 pit after USTs have been removed. Note groundwater in bottom of the pit at 11.5 feet. Excavator bucket teeth are extending through this groundwater and touching an underlying concrete pad at approximately 13.5 feet bgs.



Photo 9: (looking W) Tank 1 and 2 pit after USTs have been removed.



Photo 10: (looking W) Tank 3 pit after UST had been removed. Concrete pad underlying pea gravel.

APPENDIX A

LACDPW UST REMOVAL PERMIT

FORM VALID JULY 1, 2018 TO JUNE 30, 2019

DPW USE ONLY:
SITE-FILE NO. 6994 - 65226
APP NO. 1905766 AREA 3M
CHECK [X] CASH [ ] OTHER [ ]
FEE $ 1667.00

CLOSURE AUTHORIZATION FOR HAZARDOUS SUBSTANCE UNDERGROUND STORAGE TANKS

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS (DPW)
Environmental Programs Division
900 South Fremont Avenue, 3rd Floor Annex Building
Alhambra, CA 91803-1331
Phone Number (626) 458-3517, Fax Number (626) 458-3569
www.CleanLA.com

Removal Information must be submitted to CERS. Refer to attached forms.

CLOSURE REQUESTED:

- [X] PERMANENT, UST REMOVAL
- [ ] PERMANENT, UST CLOSURE IN-PLACE - Attach Justification Statement
- [ ] TEMPORARY CLOSURE
- [ ] OTHER (ONLY PIPING, UNDER DISPENSER CONTAINMENT, ETC), EXPLAIN: _____

ATTACH PLOT PLAN Show existing tanks, piping and dispenser locations, etc. (to scale).

FACILITY California Environmental Reporting System (CERS) ID: _____ DATE INFORMATION SUBMITTED TO CERS: _____

HOW MANY UNDERGROUND STORAGE TANKS WILL REMAIN AFTER THIS CLOSURE? 0 **EXISTING HSUSP NUMBER:** 842830

Who is closing the UST(s)? [ ] UST OWNER/OPERATOR OR [X] CONTRACTOR

Email address of UST owner/operator or recipient: ron@georgebryantconst.com

FACILITY TO BE CLOSED (VERIFICATION FOR NOTIFICATIONS):

Facility Name: Equity office Phone: 909 944 3517
Facility Address: 1977 Saroni St City: Monterey Park Zip: 91755
Tank Owner/Contact: Maya Collins Title: Property Manager
Contractor Name: George Bryant Construction Phone: 909 944 3517
Contractor License No.: 718466 Class(s): A B C21 C22 HAZ

Contractors Shall Be Hazardous Substance Removal Certified "HAZ" per California Business & Professions Code Division 3, Chapter 9, Article 4, §7058.7 (e)

NUMBER OF UST's TO BE CLOSED	UST ID NO. (DPW USE ONLY)	CAPACITY - GALLONS	SUBSTANCES STORED (PAST/PRESENT)	CLOSURE FEE
1				$1,143.00
2				$1,405.00
3				$1,667.00
4				$1,929.00
5				$2,191.00
6 (+ ATTACH LIST)				$881.00 + $262.00 per UST =

Closure of Underground Storage Tanks (USTs) shall be in compliance with Los Angeles County Code Title 11, Division 4

COMPLETE SURVEY:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[X]
Has a structural repair ever been made to these underground storage tanks?	[ ]	[X]
Will new underground storage tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES IN TANKS TO BE CLOSED, MAY BE HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE DIVISON 20, CHAPTER 6.5 AND MUST BE REPORTED IN THE CLOSURE REPORT. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below, you certify that all statements and disclosures above are true and correct.
You have read and agree to abide by this authorization and all conditions and limitations on the back and attached:

Authorization Recipient (Print Name) Ronald Franklin Phone 909 944 3517
Recipient's Signature _____ Date 10/25/18
Recipient is: **UST Owner** [ ] **UST Operator** [ ] or **Contractor** [X] Written authorization is required for submittals made on behalf of owner/operator.

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS.

THIS AUTHORIZATION EXPIRES: 04/25/2019 *****SEE ATTACHMENTS*****

MARK PESTRELLA
Director of Public Works

By: gkh Date: 10/25/2018

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the County of Los Angeles Department of Public Works, Environmental Programs Division, P.O. Box 1460, Alhambra, California 91802-1460, containing:

1. File number of facility and closure permit number.
2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.
3. Description of methods for obtaining, handling, and transporting samples.
4. Time and date samples were obtained.
5. Soil sampling certification (including but not limited to soils classification, boring logs, sample procedures, sample locations, initiating chain-of-custody, and groundwater location) for Underground Storage Tank closure shall be certified by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils. The certification must clearly state that all work was performed under the supervision of the person signing.
6. Chain-of-custody documentation initiated by person obtaining sample through person at a California Department of Health Services certified laboratory.
7. Disposal destination of tanks and evidence of legal disposal.
8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction, and methods of analysis.
9. Documentation as to depth of groundwater at facility.
10. Manifests to document hazardous waste disposal of any removed soil and tank rinsate.
11. Evidence of legal disposal of soils designated as nonhazardous.
12. Any observations of site contamination.
13. Report to be signed by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils.
14. Submit to the California Environmental Reporting System (CERS) the date the UST was permanently closed for all tanks removed or closed in-place.

Print Name Ronald Frazier

Signature _____ Date 10/25/16

CERS Business

Home | Submittals | Facilities | Compliance | My Business

UST Facility Operating Permit Application:

Home » Prepare Submittal » UST: UST Facility Operating Permit Application (Draft)

Instructions/Help

You must complete this form withing 30 days of all new permits, permit changes, or facility information changes. You will also need to update/confirm your tank, monitoring plan, and other pertinent UST-related forms.

All facilities **must** provide a BOE Number--valid numbers are 8 digits long starting with the numbers 44... State and federal facilities should use 44032062. If **ALL** underground tanks at your facility **ONLY** contain NON-petroleum productions, you can provide this generic BOE Number: 44000000. Contact your local regulator if you are unsure what number to provide.

The former paper version of this form was called "UST Operating Permit Application-Facility Information" (Form A).

More information about UST Financial Responsibility Mechanisms is available at the Water Board's Underground Storage Tank Cleanup Fund Financial Responsibility web page.

Click this field to reflect permanent UST closure.

Save | Cancel

Type of Action

○ Confirmed/Updated Information ○ New Permit ○ Renewal Permit ○ Temporary Facility Closure ◉ Permanent Facility Closure ○ Transfer Permit

Facility Information

EXAMPLE FACILITY

Facility Type *

○ Motor Vehicle Fueling ○ Fuel Distribution ○ Farm ○ Processor ○ Other

BOE Number *

Is the facility located on Indian Reservation/Trust lands? *

○ Yes ○ No

Property Owner

Owner Name * Phone *

Tank Operator

Tank Operator Name * Phone *

Mailing Address *

City State ZIP/Postal Code

Country *

United States For International Address

Tank Owner

Owner Name * Phone *

CERS Business

Home | Submittals | Facilities | Compliance | My Business

UST Tank Information/Monitoring Plan:

Home » Prepare Submittal » UST: UST Tank Information/Monitoring Plan (Draft)

Instructions/Help

Use this form to enter data for new UST systems or revise data for an existing UST system. You must complete a separate form for each affected tank. For tanks that are part of a compartmentalized unit, each compartment is considered a separate tank. This information is required within 30 days of permit or facility information changes, unless your local agency requires approval prior to making the changes.
The former paper version of this form was called "UST Operating Permit Application-Tank Information" (Form B).

Copy from Other UST Tank | Save | Cancel

Type of Action

Type of Action (UST Tank) *

( ) Confirmed/Updated Information ( ) New Permit ( ) Renewal Permit ( ) Temporary UST Closure ( ) UST Permanent Closure on Site (•) UST Removal

Facility Information

EXAMPLE FACILITY

Enter this date after the UST has been removed.

Click this field to reflect permanent removal of the UST.

Tank Description

Tank ID # *

Date UST System Installed *

Tank Configuration *
( ) A Stand-alone Tank ( ) One in a Compartmented Unit

Tank Manufacturer *

Date Existing UST Discovered *

Number of Compartments in the Unit *

Tank Capacity In Gallons *

Date UST Permanently Closed *

Additional Description *

Tank Use and Contents

Tank Use *
Motor Vehicle Fueling
Marina Fueling

Tank Contents * Read This First
Regular Unleaded
Premium Unleaded

Tank Construction

Type of Tank * Read This First
Single Wall Double Wall Unknown

CERS Help | Settings | My Business: *Test Facility* | Select Business

CLOSURE – UNDERGROUND STORAGE TANKS

CONDITIONS A – GENERAL

1. Closures shall be carried out such that all applicable regulations from the following agencies are complied with: Los Angeles County, Department of County Engineer – Facilities; Los Angeles County Fire Department, Fire Prevention Division or the appropriate City Fire Department; South Coast Air Quality Management District; and Los Angeles County Department of Health Services.

2. The County Engineer and Fire Departments shall be notified in advance of any closure in accordance with the following:

   a. Removal of tank shall require a three (3)-business day advance notification.
   b. Permanent closure of a tank in place or a temporary closure shall require a 30-written notification.

3. Consult current fee schedule for costs.

4. All abandoned wells shall be destroyed in such a way that they will not produce water or act as a channel for interchange of water, when such interchange may result in deterioration of the quality of water in any or all water bearing formations penetrated, or present a hazard to the safety and well-being of people and animals.

5. A well destruction permit issued by the Los Angeles Department of Health Services shall be required for all wells requiring a permit for their initial construction.

6. Well destruction shall be accomplished according to methods described in the latest "Water Well Standards: State of California" by the Department of Water Resources, contained in Bulletin 74 – 81, December 1981, or any other methods that will provide equivalent or better protection.

7. Plans for the decontamination of a facility shall be submitted to the County Engineer for approval no later than 30 days before the commencement of such operations. Other agencies having jurisdiction shall also be notified. These agencies the California Regional Water Quality Board, the Los Angeles County Department of Health Services, and the South Coast Air Quality Management District.

8. Decontamination shall require the following, as a minimum:

   a. Cleaning operation shall be done under the supervision of persons who understand the hazardous potential of the original liquid stored and its components.
   b. The personnel shall be sufficiently skilled to safely carry out such operation.
   c. Contaminated materials removed from such facility shall be disposed of at legal point of discharge.
   d. The operation shall be carried out in a manner that will not endanger the health of the public and the environment.

CONDITIONS B – TEMPORARY

1. All temporary closures shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, "Abandonment or Removal of Underground Tanks, "Part A and any other applicable Parts.

2. A temporary closure shall not exceed 180 days.

CONDITION C – PERMANENT TANK (S) REMOVAL

1. All tank removals shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Part D and any other applicable Parts.

2. Owners/operators shall notify the Building Department having jurisdiction at the place of removal if a grading permit is necessary.

3. Removed tanks shall not be transported away from the site until an inspection to establish site integrity is carried by the County Engineer.

4. If an appointment has been arranged with a County Engineer Inspector to inspect the removal of a tank, the inspector will only wait at the site a reasonable amount of time (approximately one hour) after arriving for the removal to commence. Another closure fee may be charged if the inspector has to return to the site.

5. After inspection, tank shall be transported to a legal disposal point.

6. If the tank has stored materials other than motor fuel, fuel oil or waste oil, site integrity shall be demonstrated using the soil sampling and analysis procedures described in CONDITIONS D below.

7. The site shall be filled and re-compacted to a relative compaction of 90%.

CONDITIONS D – PERMANENT

1. All permanent closures of tanks in place shall comply with Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Parts B or C, and any other applicable Parts.

2. Owners/operators shall demonstrate part site integrity as follows:

   a. Test borings shall be slant drilled to intercept a point beneath the center of the tank, if possible. If slant drilling is not feasible, the test boring may be drilled vertically and the reason stated in the report in 2.h. below.
   b. For single tanks, a minimum of two test borings will be required, each located on opposite sides of the tank along the major axis of the tank.
   c. For multiple tanks, as a minimum, boring shall be placed at 20-foot intervals around the tank cluster. The actual number and location of borings shall be evaluated on a case-by-case basis. Tanks separated by 20 feet or more shall be considered single tanks for the purposes of test location and placement.
   d. Soil samples shall be taken at depths of 5, 10, 20, 30 and 40 feet below grade level.
   e. A Shelby Tube or a Modified California Sampler shall be utilized for taking all soil samples.
   f. Soil samples shall not be extruded in the field but are to be immediately placed in a refrigerated ice chest and transported to a state certified laboratory for analysis, using suitable methods.
   g. A report containing the results of the above analysis shall be submitted to the County Engineer.

3. If the soil analysis in 2. above indicates the presence of contaminants, the County Engineer shall require a site investigation as described in Chapter V of the County's "Underground Storage of Hazardous Materials – Guidelines."

4. A report shall be submitted to the County Engineer containing the results of the site investigation.

CLOSURE APPLICATION SUPPLEMENT **PART 1 OF 3**
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

DPW USE ONLY:
SITE-FILE NO. 6994-62151
APPLICATION NO. 905099

To satisfy the permanent closure requirements for underground storage tanks storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

***** Soil sampling will be required for Vent and Vapor Recovery piping for UST systems installed after July 1, 2003. *****

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1A, 1B	2-4 feet beneath	TPHD	→ 8015M
2A, 2B	tank invert	BTEX, MTBE	→ 8260B
3A, 3B		Fuel Oxygenates	→ 8260B
		# Organic Lead	→ DOHS Method
1 sample	2-4 feet below	same as	same as
	each UDC	above	above
1 sample	2-4 feet below	Same as	Same as
	piping, every 20 feet	above	above
	starting from UDC's		

- Apply EPA Method 5035 for soil sample collection, preparation and preservation.

~~# Test for organic lead if past UST contents were tested, or if it is unknown whether past UST contents were leaded.~~

Continued on Page 2

3. All soil samples obtained shall be discrete, undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date/time of sampling shall be included in the final report.

4. Conform to the analytical requirements table below for petroleum hydrocarbon sites. Apply EPA Method 5035 specified in the USEPA SW-846, version III (12/1996) for soil sample preparation and preservation in order to minimize volatile organic losses. Use the sample collection devices, or equivalent, specified in the method (e.g., the Encore™ sampler). If the Encore™ sampler is used, analyze sample within 48 hours from the collection. Analyze sample within 10 days for soil samples stored under frozen conditions.

UST CONTENTS	Analyte	Analytical Method	Required MDL	
			Soil (ug/kg)	Water (ug/L)
GASOLINE OR DIESEL	Totoal Petroleum Hydrocarbons(TPH) - Gasoline	EPA Method 8015 (M)	100-200	50-100
	Total Petroleum Hydrocarbons (TPH) - Diesel	EPA Method 8015 (M)	1000	500
	Benzene	EPA Method 8260B (8021B)	1	0.5
	Toluene	EPA Method 8260B (8021B)	1	0.5
	Ethylbenzene	EPA Method 8260B (8021B)	1	0.5
	Xylenes (Total)	EPA Method 8260B (8021B)	1	0.5
	Methyl Tertiary Butyl Ether (MTBE)	EPA Method 8260B	2	1
	Di-isopropyl ether (DIPE)	EPA Method 8260B	2	1
	Ethyl tertiary butyl ether (ETBE)	EPA Method 8260B	2	1
	Tertiary amyl methyl ether (TAME)	EPA Method 8260B	2	1
	Tertiary butyl alcohol (TBA)	EPA Method 8260B	20	10
	Ethanol	EPA Method 8260B	500	250
	Methanol	EPA Method 8015 (M)	1000	500
WASTE OIL	Total Recoverable Petroleum Hydrocarbons (TRPH) - Waste Oil	EPA Method 418 + EPA Method 8260B	1000	500
OTHER, UNKNOWN	UST Permitted Contents, all VOC's (EPA Method 8260) + To Be Determined			

Continued on Page 3

5. All soil/groundwater samples shall be analyzed by a laboratory approved by the California Environmental Accreditation Laboratory Program (ELAP).

6. Analytical results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) Detection limits for each analytical procedure and determination; d) The method of analysis; e) Signature of chemist certifying results.

7. All soil/groundwater samples obtained shall be handled and transported to laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.

9. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

10. A final report that contains all of the above required information shall be submitted to the office above within one (1) month form the sampling date or 180 days from the date of this permit, whichever is earlier.

11. All electronic data shall be submitted to the State Water Resources Control Board Geotracker database.

Subject: Fwd: 1977 Saturn St
From: Ron Franklin <ron@georgebryantconst.com>
Date: 11/14/2018, 3:10 PM
To: Rob Hansen - Aem <rhansen@altaem.com>

Here is the reply for the lead samples. The tanks were always permitted as diesel fuel

Ron Franklin
George Bryant Construction Inc
(909) 944-3517 office
(909)215-4428 cell

Begin forwarded message:

From: "Kattya Batres" <GBATRES@dpw.lacounty.gov>
To: "Ron Franklin" <ron@georgebryantconst.com>
Subject: 1977 Saturn St

Ron,

Attached you can find the pdf copy of the approved tank removal permit. In the soil sample laboratory analysis specification sheet, you can see that we require the samples to be analyzed for Organic Lead, with a note clarifying to test for it if the tanks' contents used to be leaded or if it is unknown whether they were leaded or not.
If the owner is sure these tanks never contained leaded fuel, the Organic Lead analysis can be disregarded. If there is some doubt, then it has to be included.

Best regards,
Kattya Batres
Los Angeles County Public Works
Office: (626) 458-3526

ATT00001.htm

Attachments:

1977 Saturn UST closure permit.pdf	2.9 MB
ATT00001.htm	178 bytes

CLOSURE APPLICATION SUPPLEMENT **PART 1 OF 3**
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

DPW USE ONLY
SITE-FILE NO 6994-62151
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		* Organic Lead	→ DOHS Method
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	each UDC	above	above
1 sample	2-4 feet below	Same as	Same as
	piping, every 20 feet	above	above
	starting from UDCs		

° Apply EPA Method 5035 for soil sample collection, preparation and preservation

* Test for organic lead if past UST contents were leaded, or if it is unknown whether past UST contents were leaded.

Continued on Page 2

APPENDIX B

SOIL & GROUNDWATER SAMPLING PROCEDURES

APPENDIX B

SOIL & GROUNDWATER SAMPLING PROCEDURES

Soil Samples

- Soil samples collected from the piping trenches were obtained using a hand auger. Soil samples collected from the tank pit were obtained with a backhoe.
- A relatively undisturbed portion of each sample was also retained in general accordance with EPA method no. 5035 protocol, using an EASYDRAW® syringe. An approximate five gram sample was collected with the syringe and ejected each into four pre-tared, 40 ml glass VOA vials (two vials containing pre-measured quantities of $NaHSO_4$, one vial containing MeOH, and one vial with no preservative).
- Additional sample (for non VOC anlayses) was also collected in a laboratory approved, 4-Oz. glass jar at each location.
- All collected samples was labeled with the sample number, date and project number.
- All samples were stored in an ice chest kept at approximately 40 to 50 degrees Fahrenheit prior to transportation to a State of California, Department of Health Services certified laboratory under strict chain-of-custody procedures.
- All re-usable soil sampling equipment was washed prior to each sampling events with a solution of LIQUINOX (a phosphate free detergent), rinsed with potable tap water, and then rinsed again with de-ionized water.

Groundwater Samples

- Groundwater samples were obtained with a disposable polyethylene sampling bailer lowered into the groundwater in the bottom of the UST pit.
- The groundwater samples were each retained in a 1-liter amber glass bottle containing H_2SO_4, and three 40-ml glass VOA vials with no preservative.
- All collected samples was labeled with the sample number, date and project number.
- All samples were stored in an ice chest kept at approximately 40 to 50 degrees Fahrenheit prior to transportation to a State of California, Department of Health Services certified laboratory under strict chain-of-custody procedures.

APPENDIX C

LABORATORY REPORT

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: November 15, 2018

Mr. Robert Hansen
Alta EM, Inc.
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

Project: **GBC - Monterey Park / 18738-01**
Lab I.D.: **181109-36 through -52**

Dear Mr. Hansen:

The **analytical results** for the soil and water samples, received by our laboratory on November 9, 2018, are attached. The samples were received chilled, intact, and accompanying chain of custody record.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manager

Andy Wang
Laboratory Manager

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**

MATRIX: SOIL
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT HANSEN

DATE RECEIVED: 11/09/18
DATE EXTRACTED: 11/12/18
DATE ANALYZED: 11/13/18
DATE REPORTED: 11/15/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B; PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
PS1-4	181109-36	ND	1
Method Blank		ND	1
	PQL	10	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**

MATRIX: SOIL
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT HANSEN

DATE RECEIVED: 11/09/18
DATE EXTRACTED: 11/13/18
DATE ANALYZED: 11/13-14/18
DATE REPORTED: 11/15/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B; PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
PS2-4	181109-37	ND	1
PS3-4	181109-38	ND	1
PS4-4	181109-39	ND	1
PS5-5	181109-40	ND	1
PS6-4	181109-41	ND	1
PS7-4	181109-42	ND	1
PS8-4	181109-43	ND	1
PS9-4	181109-44	ND	1
PS10-3.5	181109-45	ND	1
PS11-4	181109-46	ND	1
PS12-3.5	181109-47	ND	1
PS13-4	181109-48	15.2 *	1
T3-1-10	181109-49	10.5 *	1
T3-2-10	181109-50	ND	1
Method Blank		ND	1
	PQL	**10**	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
* = PEAKS IN DIESEL RANGE BUT CHROMATOGRAM DOES NOT MATCH THAT OF DIESEL STANDARD

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 11/13/2018 **Units:** mg/Kg (ppm)

Matrix: **Soil/Solid/Sludge/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **181113-LCS1/2**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10~C28 Range	0	200	153	**77%**	151	**76%**	**1%**	**75-125**	**0-20%**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10~C28 Range	200	178	**89%**	**75-125**

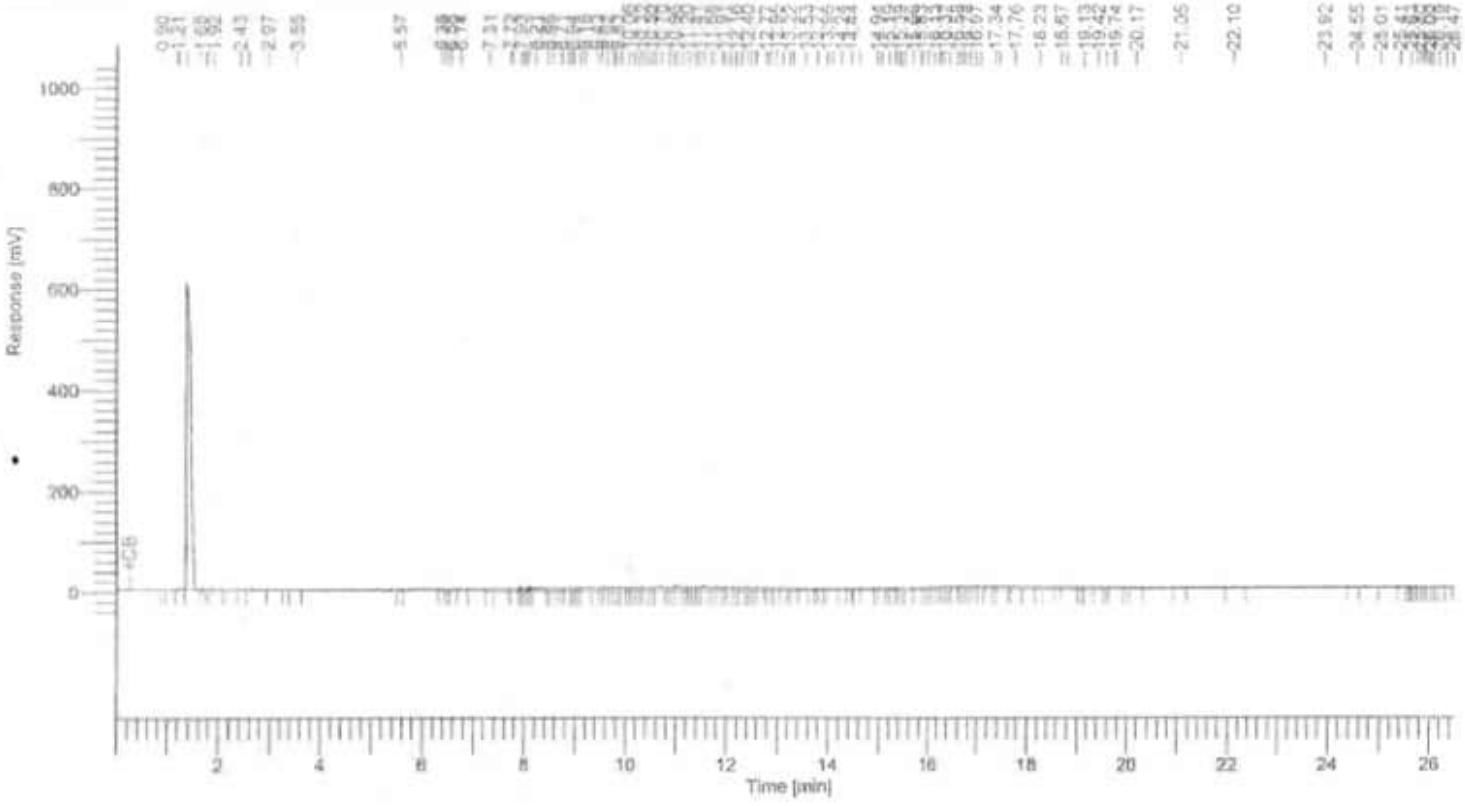
Analyzed and Reviewed By: _____

Final Reviewer: _____

Software Version : 5.3.2.0646
Sample Name : 181109-48 20/2-D
Instrument Name : GC H
Rack/Vial : 0/26
Sample Amount : 1.000000
Cycle : 1

Date : 11/14/2018 1:33:32 PM
Data Acquisition Time : 11/14/2018 5:22:21 AM
Channel : A
Operator : Administrator
Dilution Factor : 1.000000

Result File :
Sequence File : E:\GC DATA\GC-HN\2018\H1803\H81113\H181113.seq



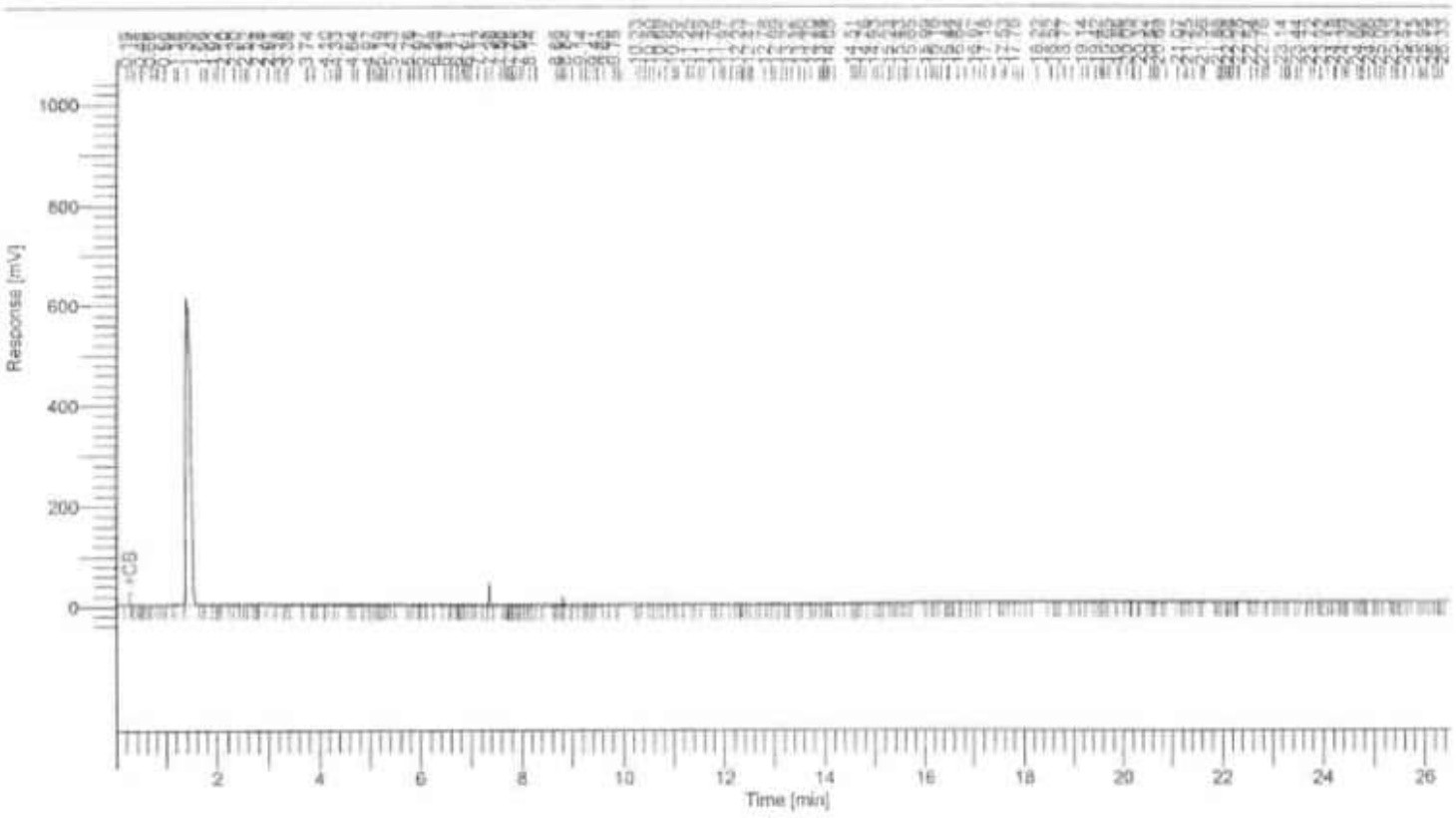
8015 Results

Component Name	Area [uV*sec]	Adjusted Amount
C4-C10	152343	28.2
C10-C23	2297450	151.9
C23-C35	1464079	103.9
	3913872	282.0

Software Version : 6.3.2.0648
Sample Name : 181109-49 20/2 D
Instrument Name : GC-H
Rack/Vial : 0/27
Sample Amount : 1.000000
Cycle : 1

Date : 11/14/2018 1:33:44 PM
Data Acquisition Time : 11/14/2018 5:59:05 AM
Channel : A
Operator : Administrator
Dilution Factor : 1.000000

Result File :
Sequence File : E:\GC DATA\GC-HH\2018\H1803\HB1113\H181113.seq



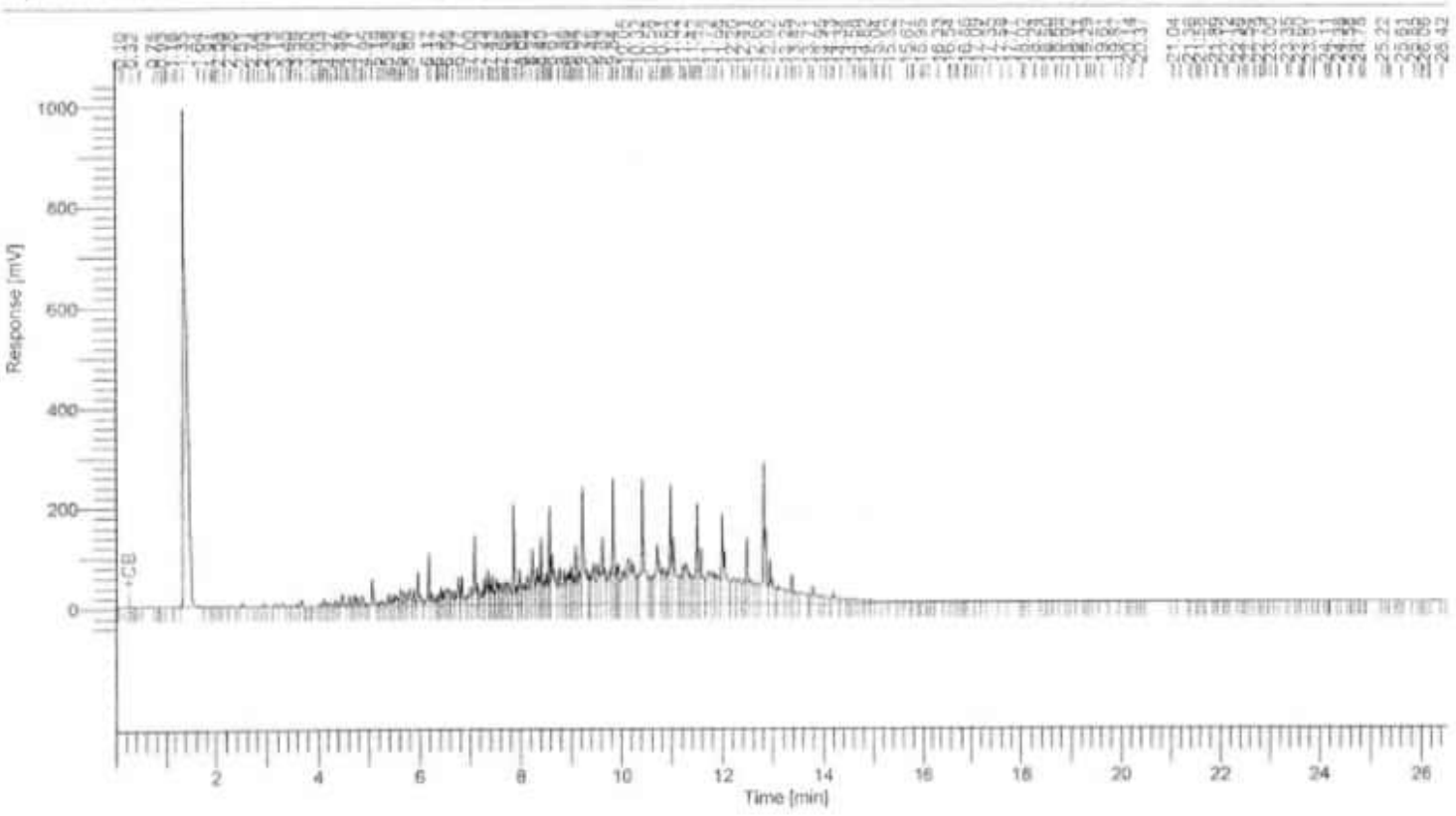
8015 Results

Component Name	Area [uV*sec]	Adjusted Amount
C4-C10	548773	94.4
C10-C23	1580119	104.5
C23-C35	1546784	109.7
	3675675	308.6

Software Version : 6.3.2.0646
Sample Name : DIESEL CCV 2000PPM (GC-3634)
Instrument Name : GC-H
Rack/Vial : 0/3
Sample Amount : 1.000000
Cycle : 1

Date : 11/14/2018 1:40:39 PM
Data Acquisition Time : 11/13/2018 3:59:12 PM
Channel : A
Operator : Administrator
Dilution Factor : 1.000000

Result File :
Sequence File : E:\GC DATA\GC-H\H2018\H1803\HB1113\H1B1113.seq



8015 Results

Component Name	Area (uV*sec)	Adjusted Amount
C4-C10	1619882	278.8
C10-C23	23699721	1566.8
C23-C35	1413294	100.3
	26732898	1945.8

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 11/13-14/2018 **Units:** mg/Kg (ppm)

Matrix: **Soil/Solid/Sludge/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **181109-37 MS/MSD**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10~C28 Range	0	200	175	**88%**	159	**80%**	**10%**	**75-125**	**0-20%**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10~C28 Range	200	195	**98%**	**75-125**

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**

MATRIX:WATER
SAMPLING DATE:11/08/18
REPORT TO:MR. ROBERT HANSEN

DATE RECEIVED:11/09/18
DATE EXTRACTED:11/09/18
DATE ANALYZED:11/11-12/18
DATE REPORTED:11/15/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
TP GW1	181109-51	ND	1
TP GW2	181109-52	ND	1
Method Blank		ND	1
	PQL	**500**	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:_____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 11/11-12/2018 **Units:** ug/L (PPB)

Matrix: **Water/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 181111-LCS3/4

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10-C28 RANGE	0	12000	14100	**118%**	13900	**116%**	**1%**	**75-125**	**0-20%**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10-C28 RANGE	12000	10900	**91%**	**75-125**

Analyzed and Reviewed by: _____

Final Reviewer: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**
MATRIX: SOIL — DATE RECEIVED: 11/09/18
SAMPLING DATE: 11/08/18 — DATE ANALYZED: 11/10/18
REPORT TO: MR. ROBERT HANSEN — DATE REPORTED: 11/15/18

EPA 5035/8260B FOR BTEX
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	DF
PS1-4	181109-36	ND	ND	ND	ND	1
PS2-4	181109-37	ND	ND	ND	ND	1
PS3-4	181109-38	ND	ND	ND	ND	1
PS4-4	181109-39	ND	ND	ND	ND	1
PS5-5	181109-40	ND	ND	ND	ND	1
PS6-4	181109-41	ND	ND	ND	ND	1
PS7-4	181109-42	ND	ND	ND	ND	1
PS8-4	181109-43	ND	ND	ND	ND	1
PS9-4	181109-44	ND	ND	ND	ND	1
PS10-3.5	181109-45	ND	ND	ND	ND	1
PS11-4	181109-46	ND	ND	ND	ND	1
PS12-3.5	181109-47	ND	ND	ND	ND	1
PS13-4	181109-48	ND	ND	ND	ND	1
T3-1-10	181109-49	ND	ND	ND	ND	1
T3-2-10	181109-50	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	1
PQL		0.005	0.005	0.005	0.010	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**
MATRIX: SOIL — DATE RECEIVED: 11/09/18
SAMPLING DATE: 11/08/18 — DATE ANALYZED: 11/10/18
REPORT TO: MR. ROBERT HANSEN — DATE REPORTED: 11/15/18

EPA 5035/8260B FOR FUEL OXYGENATES
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
PS1-4	181109-36	ND	ND	ND	ND	ND	1
PS2-4	181109-37	ND	ND	ND	ND	ND	1
PS3-4	181109-38	ND	ND	ND	ND	ND	1
PS4-4	181109-39	ND	ND	ND	ND	ND	1
PS5-5	181109-40	ND	ND	ND	ND	ND	1
PS6-4	181109-41	ND	ND	ND	ND	ND	1
PS7-4	181109-42	ND	ND	ND	ND	ND	1
PS8-4	181109-43	ND	ND	ND	ND	ND	1
PS9-4	181109-44	ND	ND	ND	ND	ND	1
PS10-3.5	181109-45	ND	ND	ND	ND	ND	1
PS11-4	181109-46	ND	ND	ND	ND	ND	1
PS12-3.5	181109-47	ND	ND	ND	ND	ND	1
PS13-4	181109-48	ND	ND	ND	ND	ND	1
T3-1-10	181109-49	ND	ND	ND	ND	ND	1
T3-1-10	181109-50	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
	PQL	0.01	0.01	0.005	0.01	0.05	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL tert-BUTYL ETHER DIPE = ISOPROPYL ETHER
MTBE = METHYL tert-BUTYL ETHER TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 11/10/2018 **Matrix:** Solid/Soil/Liquid
Machine: C **Unit:** mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)
Spiked Sample Lab I.D.: 181109-50 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.045	90%	0.045	90%	0%	75-125	0-20
Chlorobenzene	0	0.050	0.049	98%	0.050	100%	2%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.041	82%	0.043	86%	4%	75-125	0-20
Toluene	0	0.050	0.047	94%	0.047	94%	0%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.044	88%	0.045	90%	2%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.044	88%	75-125
Chlorobenzene	0.050	0.058	116%	75-125
Chloroform	0.050	0.039	78%	75-125
1,1-Dichlorothene	0.050	0.043	86%	75-125
Ethylbenzene	0.050	0.053	106%	75-125
o-Xylene	0.050	0.054	108%	75-125
m,p-Xylene	0.100	0.105	105%	75-125
Toluene	0.050	0.047	94%	75-125
1,1,1-Trichloroethane	0.050	0.040	80%	75-125
Trichloroethene (TCE)	0.050	0.051	102%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	181109-36	181109-37	181109-38	181109-39	181109-40	181109-41
Dibromofluoromethane	50.0	70-130	84%	90%	91%	93%	93%	99%	98%
Toluene-d8	50.0	70-130	94%	96%	95%	96%	96%	97%	98%
4-Bromofluorobenzene	50.0	70-130	104%	106%	100%	103%	99%	101%	98%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			181109-42	181109-43	181109-44	181109-45	181109-46	181109-47	181109-48
Dibromofluoromethane	50.0	70-130	100%	100%	101%	104%	101%	104%	103%
Toluene-d8	50.0	70-130	98%	98%	99%	97%	100%	98%	99%
4-Bromofluorobenzene	50.0	70-130	102%	100%	100%	98%	99%	102%	97%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			181109-49	181109-50					
Dibromofluoromethane	50.0	70-130	100%	102%					
Toluene-d8	50.0	70-130	99%	100%					
4-Bromofluorobenzene	50.0	70-130	98%	100%					

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*
S.R. = Sample Results *%RC = Percent Recovery*
spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*
MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By: _____

Final Reviewer: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**
MATRIX: WATER
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT HANSEN
DATE RECEIVED: 11/09/18
DATE ANALYZED: 11/13/18
DATE REPORTED: 11/15/18

EPA 5030B/8260B FOR BTEX
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	DF
TP GW1	181109-51	ND	ND	ND	ND	1
TP GW2	181109-52	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	1
	PQL	1.00	1.00	1.00	3.00	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**
MATRIX:WATER DATE RECEIVED:11/09/18
SAMPLING DATE:11/08/18 DATE ANALYZED:11/13/18
REPORT TO:MR. ROBERT HANSEN DATE REPORTED:11/15/18

EPA 5030B/8260B FOR FUEL OXYGENATES
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
TP GW1	181109-51	ND	ND	ND	ND	ND	1
TP GW2	181109-52	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
	PQL	5.00	5.00	3.00	5.00	50.0	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL tert-BUTYL ETHER DIPE = ISOPROPYL ETHER
MTBE = METHYL tert-BUTYL ETHER TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 11/13/2018 Matrix: Water/Liquid
Machine: B Unit: ug/L (PPB)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 181109-35 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	25.0	22.9	92%	23.8	95%	4%	75-125	0-20
Chlorobenzene	0	25.0	22.4	90%	23.7	95%	5%	75-125	0-20
1,1-Dichloroethene	0	25.0	22.2	89%	18.8	75%	14%	75-125	0-20
Toluene	0	25.0	22.4	90%	23.6	94%	5%	75-125	0-20
Trichloroethene (TCE)	0	25.0	22.7	91%	24.5	98%	7%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	25.0	21.6	86%	75-125
Chlorobenzene	25.0	21.5	86%	75-125
Chloroform	25.0	22.0	88%	75-125
1,1-Dichloroethene	25.0	21.4	86%	75-125
Ethylbenzene	25.0	20.9	84%	75-125
o-Xylene	25.0	21.8	87%	75-125
m,p-Xylene	50.0	44.2	88%	75-125
Toluene	25.0	21.6	86%	75-125
1,1,1-Trichloroethane	25.0	20.9	84%	75-125
Trichloroethene (TCE)	25.0	20.7	83%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			**M-BLK**	**181109-35**	**181109-25**	**181108-20**	**181108-21**	**181108-22**	**181108-23**
Dibromofluoromethane	25.0	70-130	96%	84%	84%	87%	87%	92%	86%
Toluene-d8	25.0	70-130	102%	100%	99%	100%	101%	101%	101%
4-Bromofluorobenzene	25.0	70-130	93%	89%	89%	94%	91%	90%	91%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			**181108-24**	**181108-25**	**181108-26**	**181109-62**	**181109-51**	**181109-52**	
Dibromofluoromethane	25.0	70-130	84%	79%	82%	82%	83%	86%	
Toluene-d8	25.0	70-130	110%	100%	100%	100%	99%	100%	
4-Bromofluorobenzene	25.0	70-130	87%	89%	90%	89%	90%	90%	

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.									
Dibromofluoromethane	25.0	70-130							
Toluene-d8	25.0	70-130							
4-Bromofluorobenzene	25.0	70-130							

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*
S.R. = Sample Results *%RC = Percent Recovery*
spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*
MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By: _____

Final Reviewer: _____

Gmail

Jessica Lin <envirocheminc@gmail.com>

GBC -Monterey Park

Rob Hansen - AEM <rhansen@altaem.com> Wed, Nov 14, 2018 at 4:22 PM
To: Jessica LIN <envirocheminc@gmail.com>
Cc: curt@enviro-chemlab.com

Jessica. Curt and I discussed putting the orgamic lead analyses on hold for these soil samples picked up last Friday. The Regulator has approved NOT doing this particular analysis, so please do not.

Enviro-Chem, Inc. Laboratories
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	TPH diesel (soil)	GTBX, Fuel oxygenates (8260)	Organic Lead (one only)								Misc./PO#
								Analysis Required										COMMENTS
PS1-4	18109-36	11/8/18	10:55	Soil	1-5035 kit, 1-40ml, 1-250ml, 1-500ml		Blue ice	X	X	X								
PS2-4	-37		11:09					X	X	X								
PS3-4	-38		11:15					X	X	X								
PS4-4	-39		11:23					X	X	X								
PS5-5	-40		11:32					X	X	X								
PS6-4	-41		11:43					X	X	X								
PS7-4	-42		12:08					X	X	X								
PS8-4	-43		11:55					X	X	X								
PS9-4	-44		13:56					X	X	X								
PS10-3.5	-45		12:45					X	X	X								
PS11-4	-46		12:15					X	X	X								
PS12-3.5	-47		12:33					X	X	X								
PS13-4	-48		13:40					X	X	X								
T3-1-10	-49		14:05					X	X	X								
T3-2-10	-50		14:15					X	X	X								

Company Name: ALTA ENV INC
Address: 8280 UTICA AVE, #200
City/State/Zip: RANCHO CUCAMONGA, CA 91730

Project Contact: ROBERT HANSEN
Tel: (909) 476-2120
Fax/Email: (909) 476-6819

Sampler's Signature:
Project Name/ID: GBC-MONTEREY PARK / 18738-01

Relinquished by:	Received by:	Date & Time: 11/9/18 0935	Instructions for Sample Storage After Analysis:
Relinquished by: ATLT	Received by:	Date & Time: 11/9/18 1520	O Dispose of O Return to Client O Store (30 Days)
Relinquished by:	Received by:	Date & Time:	O Other:

CHAIN OF CUSTODY RECORD

Date: 11/8/18

WHITE WITH SAMPLE • YELLOW TO CLIENT

Enviro-Chem, Inc. Laboratories
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	TPH as diesel (8015M)	BTEX, TBA, MTBE, DIPE, ETBE, TAME, 1,2-DCA, EDB (8260B)	OXYGENATES (8260B)	ORGANIC LEAD (Circle method)	Misc./PO#
TPGW1	18110-51	11/8/18	13:10	WATER	3-VOA, 3-40ml, 2-AMBER, 1-LITER		BNaO, HCl	X	X			
TPGW2	18110-52	11/8/18	13:20	↓	11		11	X	X			

Analysis Required

COMMENTS

Company Name: ALTA ENVIRONMENTAL INC.	**Project Contact:** ROBERT HANSEN	**Sampler's Signature:**	
Address: 8280 UTICA AVE, #200	**Tel:** (909) 476-2120	**Project Name/ID:** ESC-MONTEREY PARK 18738-01	
City/State/Zip: RANCHO CUCAMONGA CA 91730	**Fax/Email:** (909) 476-6819		

Relinquished by:	Received by:	Date & Time: 11/9/18 0935	Instructions for Sample Storage After Analysis:
Relinquished by:	Received by:	Date & Time: 11/9/18 1130	O Dispose of O Return to Client O Store (30 Days)
Relinquished by:	Received by:	Date & Time:	O Other:

CHAIN OF CUSTODY RECORD

Date: 11/8/18

WHITE WITH SAMPLE • YELLOW TO CLIENT

APPENDIX D

OTHER REMOVAL DOCUMENTATION
(RINSATE MANIFEST, TANK DESTRUCTION / RECYCLING CERTIFICATE)

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAC002986628	1	909 944-3517	019436560 JJK

GENERATOR

5. Generator's Name and Mailing Address

EQUITY OFFICE
1977 SATURN STREET
MONTEREY PARK, CA 91755

Generator's Phone: 323 430-7081 Attn: ROBERT DEL HIERRO

Generator's Site Address (if different than mailing address)

EQUITY OFFICE
1977 SATURN STREET
MONTEREY PARK, CA 91755

6. Transporter 1 Company Name: ADAMS SERVICES, INC. — U.S. EPA ID Number: CAR000189431

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address

DEMENNO/KERDOON
2000 N. ALAMEDA STREET
COMPTON, CA 90222

Facility's Phone: 310 537-7100

U.S. EPA ID Number: CAT080013352

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA HAZARDOUS WASTE LIQUID (WATER WITH TRACE HYDROCARBONS)	1	TT		G	241
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

AVOID EYE CONTACT & WEAR RUBBER GLOVES
ERG 128
CONTRACTOR: GEORGE BRYANT

1) WATER WITH HYDROCARBONS

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: ROBERT JORDAN | Signature | Month: 11 | Day: 08 | Year: 18

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

AZUSA LAND RECLAMATION

1211 W. Gladstone St, Azusa, CA 91702
Phone: 626-2249127 FAX: 626-8120801

Certificate of Material Destruction

THIS RECORD IS TO CERTIFY THAT MATERIAL RECEIVED ON NOVEMBER 08, 2018 AT 13:03 PM.
HAS BEEN DISPOSED OF ACCORDING TO LANDFILL BEST MANAGEMENT PRACTICES
AND ALL CIWMB AND LARWQCB REGULATIONS.

Generator:	Transporter	Disposal Site:
Equity Office	Adams Services, Inc.	Azusa Land Reclamation
1977 Saturn Street	1 – 10,000 gallon tank	1211 W. Gladstone St.
Monterey Park CA 91755		Azusa, CA 91702

Azusa Land Reclamation

AZUSA LAND RECLAMATION

1211 W. Gladstone St, Azusa, CA 91702
Phone: 626-2249127 FAX: 626-8120801

Certificate of Material Destruction

THIS RECORD IS TO CERTIFY THAT MATERIAL RECEIVED ON NOVEMBER 08, 2018 AT 13:49 PM.
HAS BEEN DISPOSED OF ACCORDING TO LANDFILL BEST MANAGEMENT PRACTICES
AND ALL CIWMB AND LARWQCB REGULATIONS.

Generator:	Transporter	Disposal Site:
Equity Office	Adams Services, Inc.	Azusa Land Reclamation
1977 Saturn Street	1 – 10,000 gallon tank	1211 W. Gladstone St.
Monterey Park CA 91755		Azusa, CA 91702

Azusa Land Reclamation

AMERICAN METAL RECYCLING

11150 REDWOOD AVE. • FONTANA, CA 92337
(909) 988-8000

Nº 65500

TANK DISPOSAL FORM

Date: 11/8/18
Job#
P.O.#

CONTRACTOR: Adams Services
ADDRESS: 406. E. Alondra Blvd. Gardena, Ca 90248
JOB SITE: Equity Office
ADDRESS: 1977 Saturn St. Monterey Park, Ca 91755
DESTINATION: A.M.R. 11150 REDWOOD AVE., FONTANA, CA 92337

DATE	TIME	PROJECTED TANKS	ORDERED BY:	UC. NO.

SPECIAL INSTRUCTIONS: _____

TIME IN:
TIME OUT:

(1) 2000

✔	Services Rendered	Cost
___	Disposal Fee	
___	Extensive Loading Time	
___	Disposal Fee with Permit	
___	Fiberglass Tank Disposal Fee Per Tank	
___	Fiberglass Delivered	
___	Bobtail Disposal	
___	Cancellation Fee	

TOTAL CHARGES $

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice. Contractor's signature represents acceptance of terms for payment, and confirms that tank removal complies with State laws.

_____
CONTRACTOR'S SIGNATURE

TANKS RECEIVED

QTY	GALLONS	TYPE F*	TYPE S*	NET TONS	TOTAL
	250	☐	☐	.14	
	500	☐	☐	.21	
	550	☐	☐	.24	
	1000 - 12 ft.	☐	☐	.44	
	1000 - 6 ft.	☐	☐	.61	
	1500	☐	☐	.87	
	2000	☐	☑	.97	
	2500	☐	☐	1.14	
	3000	☐	☐	1.32	
	4000	☐	☐	1.64	
	5000	☐	☐	2.42	
	6000	☐	☐	2.84	
	7500	☐	☐	3.26	
	8000	☐	☐	3.44	
	9000	☐	☐	3.82	
	10000	☐	☐	4.33	
	12000	☐	☐	4.93	

NO. OF TANKS 1 TOTAL NET TONS

*F - FIBERGLASS *S - STEEL 105

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PUROSES ONLY.

Moises Dos
AUTHORIZED REP.

11/8/18
DATE

5226
006994-06

JOA
CLSR

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

8280 UTICA AVENUE, SUITE 200
RANCHO CUCAMONGA, CA 91730
909.476.2120 TEL
909.476.6819 FAX
WWW.ALTAEM.COM

C0009114131

December 7, 2018

Via US Mail First Class

Count of Los Angeles Department of Public Works
Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802-1460

RECEIVED
JAN 0 8 2019
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS

SUBJECT: **UST SOIL SAMPLING/ CLOSURE REPORT**
1977 SATURN STREET
MONTEREY PARK, CA 91755
SITE FILE NO. 6994-62151 / APP NO. 905166

To whom it may concern:

Attached is one hard copy of the subject report for your review. Please contact the undersigned if you have any additional questions.

Very Truly Yours,
ALTA EM, Inc.

REGISTERED GEOLOGIST
ROBERT B. HANSEN
No. 5839
STATE OF CALIFORNIA

ROBERT B. HANSEN
Senior Env. Geologist
California PG #5839

A 905166

cc: File no. 18738-01
Ron Franklin, George Bryant Construction

006994-065226

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

8280 UTICA AVENUE, SUITE 200
RANCHO CUCAMONGA, CA 91730
909.476.2120 TEL
909.476.6819 FAX
WWW.ALTAEM.COM

(12)
JOA/CLSR

C0009114 31

December 5, 2018

Los Angeles County Department of Public Works
Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802-1460

RECEIVED
JAN 0 8 2019
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS

SUBJECT: SOIL SAMPLING RESULTS RELATED TO UST SYSTEM REMOVALS
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

Dear Sirs:

This report summarizes the results of tank system removals, and associated soil sampling activities, completed at the subject site in Monterey Park, California (see attached Site Location Map - **Figure 1**).

The soil sampling activities were completed in general accordance with guidelines of Los Angeles County Department of Public Works (LADPW) and the Los Angeles Regional Water Quality Control Board (LARWQCB).

A copy of the UST removal permit is provided in attached **Appendix A**.

The tank removal activities were conducted by George Bryant Construction of Alta Loma, California (contractor). Soil sampling was completed by ALTA EM, Inc. (environmental consultant). A representative of the LACDPW (Mr. William Edwards) was scheduled to be on-site, but called the site contractor on-site within a few minutes of the scheduled inspection time, indicating he would not be able to be on site. Mr. Edwards authorized the UST removals and soil sampling to commence without his presence. A representative of ALTA EM, Inc. also spoke with Mr. Edwards verifying these approvals, and provided him our contact info, and the license number of the responsible Professional Geologist prior to proceeding.

Site Setting / Hydrogeology

The site is located at the northern edge of the Coastal Plain of Los Angeles County, in the Merced / Montebello Hills. These hills consist of sedimentary rocks of the Pico Formation, and the site area is dominated by the structural feature known as the Montebello Anticline. The site area is not known to contain large-scale regional aquifers, as is the nearby/adjoining LA County Coastal Plain just to the south. The site is located just north and outside of the Montebello Forebay Area of the LA Coastal Plain Groundwater basin (DWR, 1961).

A review of the LACDPW water well database revealed no listed wells within one mile of the subject site (LACDPW, 2018). ALTA EM, Inc. also contacted a nearby cemetery east of the subject site (see **Figure 1**) asking about any potential well information at this location. The cemetery staff reported they have no wells (Resurrection Cemetery, 2018). A review of the Geotracker database for nearby LUST cases, with well data, revealed one facility approximately 0.5 miles south-southwest of the site with groundwater at approximately 70 feet deep in 2005. All other LUST sites with groundwater well data were greater than 0.75 miles away (Geotracker, 2018).

The site is located at the foot of a small hill, on a large graded earthen pad built for the construction of the commercial-office complex which occupies the property. Atop the hill overlooking the site are large municipal water storage tanks, a landscaping nursery (Chuys Nuersery), and a community park (La Loma Park) (see attached **Figure 2**).

While a regional aquifer is not anticipated beneath the site area, an accumulation of relatively shallow groundwater *does* exists beneath the site. The source of this groundwater is unknown (i.e. from nearby or on-site irrigation water? an accumulation of natural precipitation? an on-site water leak? combination of these sources?). Groundwater was initially encountered in the larger UST pit at approximately 5 feet, but stabilized at approximately 11.5 feet bgs overnight after it was pumped out to facility the UST removals. It is noted that groundwater appeared to be shallowest in the western-most portion of the area of investigation, even being encountered in a couple of the piping trench soil samples at 4 feet bgs.

Three monitoring wells were noted around the perimeter of the larger UST pit. All three wells appeared to have been partially destroyed (i.e. cement backfilled in their wells boxes). During excavation, the upper three to five feet of several of the wells was exposed and observed to be 4" PVC casing (presumed to also be backfilled). It is unknown if these wells were installed as groundwater monitoring wells, or possibly vadose wells when groundwater was absent or deeper.

In summary, while a regional aquifer is not anticipated beneath the site area, an accumulation of relatively shallow groundwater exists beneath the site at 4 to 11.5 feet bgs. The direction of groundwater flow is unknown, though topography of the site would strongly indicate it is likely toward the west to southwest. This is contradicted by on-site observations indicating the shallowest groundwater is in the western-most portion of the area investigated.

Tank Contents, Capacity, Construction

Details of the removed tanks were reported by the contractor as follows:

	Content	Capacity	Size	Construction
Tank #1	Diesel Fuel	10,000 gals	34' by 8'	Single-wall fiberglass w/rounded ends
Tank #2	Diesel Fuel	10,000 gals	34' by 8'	Single-wall fiberglass w/rounded ends
Tank #3	Diesel Fuel	2,500 gals	12' by 6'	Double-wall fiberglass coated steel

Larger Tanks 1 & 2 were located in a cluster, while Tank 3 was located approximately 140 feet east of the others. All three tanks contained diesel fuel, and were used to supply emergency generators. All three thanks were buried 3 to 4 feet bgs.

Attached **Figure 3** and **Photo nos. 1 and 2** show the two tank pit areas.

Soil Sampling Methods & Locations

All samples were collected on November 8, 2018.

Samples along the fuel product lines were collected at depths ranging from 3.5 to 5 feet bgs (at least 2 feet beneath removed lines), and were designated as samples no. PS1 to PS13. Attached **Photo nos. 3 through 7** show the various product line trenches which were sampled.

The Tanks 1 & 2 pit contained groundwater at approximately 11.5 feet bgs, and a large concrete pad underlying the tanks at approximately 13.5 feet bgs, precluding reasonable soil sampling. Attached **Photo no. 8** shows groundwater in the tank pit and the concrete pad depth. Given soil samples could not reasonably be collected, alternative groundwater samples were collected from this UST pit with a disposable polyethylene sampling bailer. Attached **Figure no. 3** shows the approximate locations of these two groundwater samples, designated TPGW1 and TPGW2.

The Tank 3 pit also contained an underlying concrete pad throughout the pit bottom at approximately 11.5 feet bgs, but no groundwater. This pad also precluded the reasonable collection of soil samples beneath

the concrete. Alternatively, soil samples were collected from the pit sidewalls, just above the concrete pad level, at diagonally opposing corners of the former tank. The locations of these soil samples, designated T3-1-10 and T3-2-10, are shown on attached **Figure 3**.

Soil samples were obtained with the aid of a hand auger or backhoe. Samples were retained in general accordance with EPA method no. 5035 protocol. An additional amount of each sample (for non-VOC analyses) was also collected in laboratory approved 4-oz. glass jars. **Appendix B** includes further details of the sampling procedures.

Attached **Photos 9 & 10** show both UST pits after the tanks had been removed.

Field Observations

During the soil sampling, olfactory and visual observations, as well as soil types, were recorded and are summarized in the table below:

SAMPLE NO.	SAMPLE LOCATION	SAMPLE DEPTH (feet bgs)	ODOR	COLOR	SOIL TYPE
PS1-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, damp, clayey F. SAND
PS2-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, silty F. SAND
PS3-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, F. SAND, with trace silt
PS4-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, F. SAND, with trace silt
PS5-5	Pipingt rench	5	No Odor	No Discoloration	Yellowish brown, damp to moist, clayey gravelly F. SAND
PS6-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist, F. SAND
PS7-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist, gravelly F. SAND
PS8-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, most , F. SAND
PS9-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist to wet, silty F. SAND
PS10-3.5	Piping trench	3.5	No Odor	No Discoloration	Yellowish brown, moist to wet, silty F. SAND
PS11-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, saturated, clayey silty F. SAND
PS12-3.5	Piping trench	3.5	No Odor	No Discoloration	Yellowish brown, damp to moist, clayey silty F. SAND
PS13-4	Piping trench	4	Very slight HC odor	No Discoloration	Yellowish brown w/olive mottling, moist, sandy SILT; with trace clay
T3-1-10	Tank #3 pit	10	No Odor	No Discoloration	Yellowish orange brown, damp, clayey F. SAND
T3-2-10	Tank #3 pit	10	No Odor	No Discoloration	Yellowish brown, damp, F. SAND, with trace silt and Med Sand.

During the groundwater sampling, olfactory and visual observations were recorded and are also summarized in the table below:

SAMPLE NO.	SAMPLE LOCATION	SAMPLE DEPTH (feet bgs)	ODOR & VISUAL OBSERVATIONS	COMMENT
TPGW1	Tank #1 pit - North	11.5	No odor or sheen	Groundwater sample
TPGW2	Tank #1 pit - South	11.5	No odor or sheen	Groundwater sample

Analytical Methods / Results

All soil and groundwater samples were analyzed for TPH diesel (C_{10}-C_{28}), BTEX and Fuel Oxygenates. The UST removal permit initially indicated that organic lead analyses were also required; however follow-up communications with Kattya Batres of the LACDPW confirmed the lead analyses were not required if the USTs historically only contained diesel fuel (which is the case) (see Appendix A).

The analyses were completed in general accordance with modified EPA method no. 8015 (for TPH diesel) and EPA method no. 5035/8260B (for BTEX & FUEL OXYENATES). Results are summarized as follows:

SOIL SAMPLES (all results in mg/kg)				
SAMPLE NO.	**SAMPLE DEPTH (feet bgs)**	**TPH DIESEL (C_{10}-C_{28})**	**BTEX**	**FUEL OXYGENATES (MTBE, ETBE, DIPE, TAME, TBA)**
PS1-4	4	ND	ND	ND
PS2-4	4	ND	ND	ND
PS3-4	4	ND	ND	ND
PS4-4	4	ND	ND	ND
PS5-5	5	ND	ND	ND
PS6-4	4	ND	ND	ND
PS7-4	4	ND	ND	ND
PS8-4	4	ND	ND	ND
PS9-4	4	ND	ND	ND
PS10-3.5	3.5	ND	ND	ND
PS11-4	4	ND	ND	ND
PS12-3.5	3.5	ND	ND	ND
PS13-4	4	**15.2**	ND	ND
T3-1-10	10	**10.5**	ND	ND
T3-2-10	10	ND	ND	ND
PQLs	**N/A**	**10**	**0.005-0.01**	**0.005 - 0.05**

GROUNDWATER SAMPLES (all results in ug/L)				
SAMPLE NO.	**SAMPLE DEPTH (feet bgs)**	**TPH DIESEL (C_{10}-C_{28})**	**BTEX**	**FUEL OXYGENATES (MTBE, ETBE, DIPE, TAME, TBA)**
TPGW1	11.5	ND	ND	ND
TPGW2	11.5	ND	ND	ND
PQLs	**N/A**	500	1-3	3-50

In summary, no significant TPH (C_{10}-C_{28}), BTEX or Fuel Oxygenates were detected in any of the soil or groundwater samples. Two soil samples were reported to contain minor detected TPH (C_{10}-C_{28}) at concentration of 15.2 and 10.5 mg/kg. No field evidence indicating major fuel impacts was observed at or nearby these two samples with detections. A laboratory report further detailing the results of the soil/water sample analyses is provided in attached **Appendix C**.

Other Documentation

Provide in attached **Appendix D** are copies of the tank cleaning rinsate manifest, and the tank destruction/recycling certificates.

Conclusions

Three USTs were removed from the subject site. Two UST were located in one pit, and the third was approximately 140 feet away. Soil samples PS13-4 (piping trench) and T3-1-10 (Tank 3 pit) were reported to contain 15.2 and 10.5 mgkg of TPH (C_{10}-C_{28}), but no detected BTEX or Fuel Oxygenates. Every other soil sample was reported to contain no detected TPH (C_{10}-C_{28}), BTEX or Fuel Oxygenates.

Shallow groundwater was encountered in the Tank 1 & 2 pit, as well as a concrete pad underlying the tanks. Two groundwater samples collected from this tank pit were also reported to contain no detected TPH (C_{10}-C_{28}), BTEX or Fuel Oxygenates.

Based on the field observations and laboratory data, there is no evidence to indicate a significant release of diesel fuel from the removed UST systems. No further action is recommended, and a no further action letter is requested from the responsible party. At the time of this report, the site had no Geotracker case or global ID assigned, so this report and associated data could not be uploaded.

The opportunity to be of service is greatly appreciated. If you have any questions or comments, please do nothesitate to contact the office at (909) 476-2120.

Very Truly Yours,
ALTA EM, INC.



ROBERT B. HANSEN
Project Environmental Geologist
California P.G. #5839

cc: File No.: 18738-01

REFERENCES

DWR (State of California Department of Water Resources), 1961, Bulletin No. 104, Planned Utilization of the Ground Water Basins of the Coastal Plain of Los Angeles, Appendix A Groundwater Geology, dated June 1961, reprinted April 1988.

Geotracker, 2018, State of California Water Resource Control Board Geotracker Database, reviewed November 9, 2018, source:http://geotracker.waterboards.ca.gov.

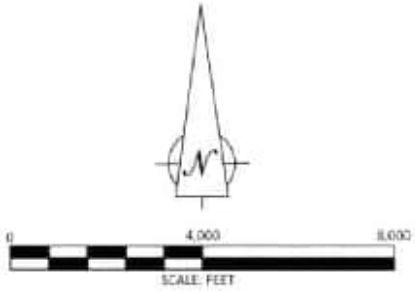
LACDPW (Los Angeles County Department of Public Works), 2018, Water Well Database (http://dpw.lacounty.gov/general/wells/) reviewed on November 9, 2018.

Resurrection Cemetery, 2018, telecommunication with cemetery staff on November 9, 2018.

USGS (United States Geological Survey), 1966, El Monte Quadrangle, 7.5-minute series topographic map, dated 1966, photorevised 1981.







Note:

Base imagery taken from Google Earth, dated 12/03/17.

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

TITLE: SITE LOCATION MAP

PROJECT: GBC-MONTEREY PARK
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

DRAWN BY:	CHECKED BY:	FIGURE NO.:
J. PETITJEAN	R. HANSEN	1
PROJ. NO.: 18738-01	DATE: NOV 2018	



0 200 400
Scale, Feet

NOTES:
1) All locations and dimensions are approximate.
2) Base imagery taken from Google Earth, dated 12/03/17.

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

PROJECT:
GBC-MONTEREY PARK
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

TITLE:
SITE PLAN

DRAWN BY:	CHECKED BY:	FIGURE NO.:
J. PETITJEAN	R. HANSEN	2
PROJ. NO.: 18738.01	DATE: NOV 2018	

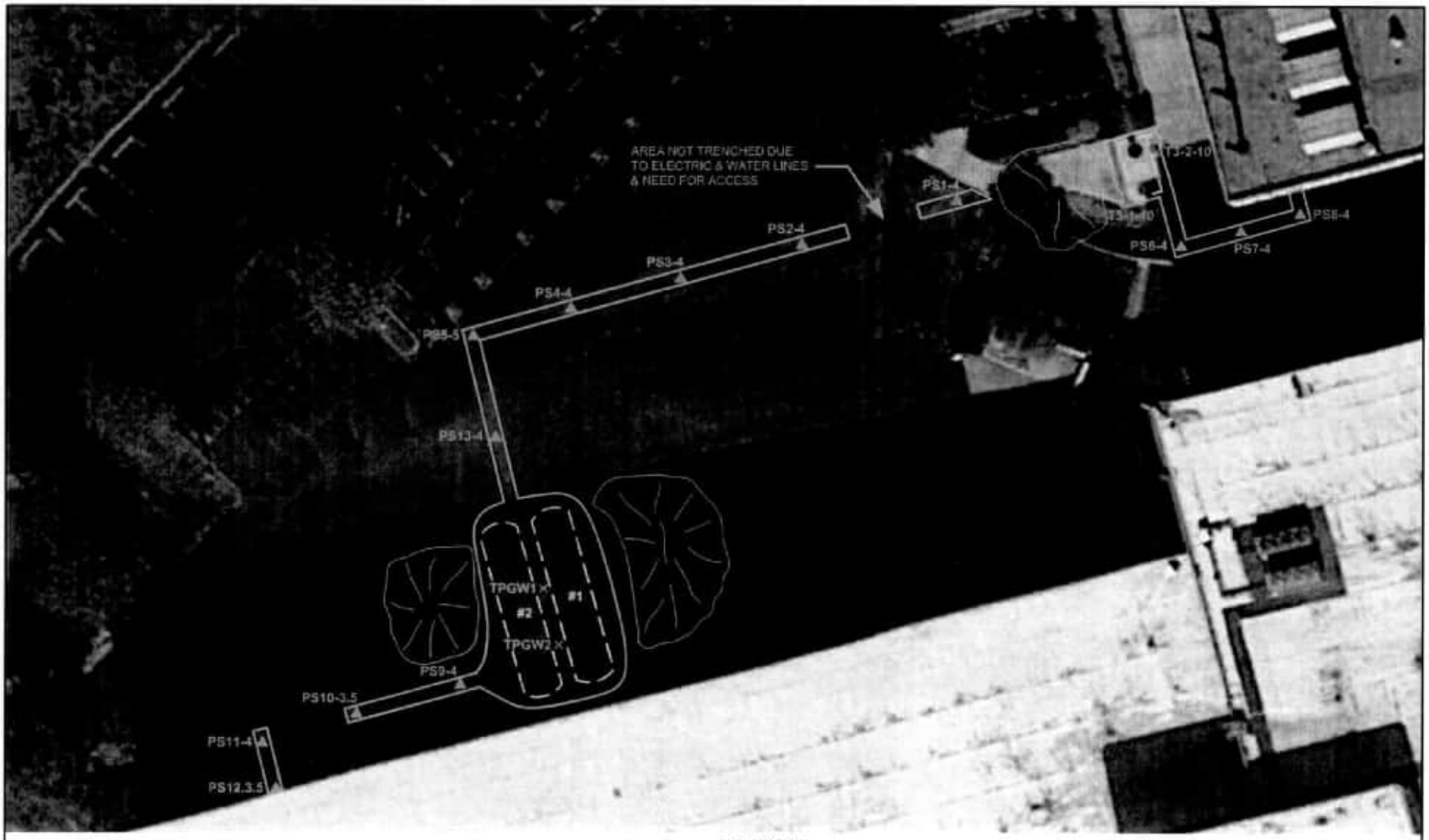

AREA NOT TRENCHED DUE
TO ELECTRIC & WATER LINES
& NEED FOR ACCESS
PS1-4
T3-2-10
T3-1-10
PS8-4
PS6-4
PS7-4
PS2-4
PS3-4
PS4-4
PS5-5
PS13-4
TPGW1
#2
#1
TPGW2
PS9-4
PS10-3.5
PS11-4
PS12.3.5
EXPLANATION
PS1-4 Soil Sample Location and Designation
Approximate Sample Depth Below Ground Surface (feet)
TPGW1 Groundwater Sample Location and Designation
Removed UST
Tank No.
Pea Gravel Stockpile
Exposed Piping Trench
0
30
60
Scale, Feet
N
NOTES:
1) All locations and dimensions are approximate.
2) Base imagery taken from Google Earth, dated 12/03/17.
ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS
TITLE:
SOIL SAMPLING LOCATIONS
PROJECT:
GBC-MONTEREY PARK
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755
DRAWN BY: I. PETITJEAN
CHECKED BY: R. HANSEN
PROJ. NO.: 18738-01
DATE: NOV 2018
FIGURE NO.: 3



Photo 1: (looking S) Tanks 1 & 2 pit prior to UST removals. Note evidence of prior (partially destroyed) monitoring wells in background).



Photo 2: (looking N) Tank 3 pit.



Photo 3: (looking W) Product line trench section in which sample nos. PS1, PS2, PS3, PS4 and PS5 were collected.



Photo 4: (looking S) Product line trench section in which sample nos. PS5 and PS13 were collected.



Photo 5: (looking W) Product line trench section in which sample nos. PS9 and PS10 were collected..



Photo 6: (looking S) Product line trench section in which sample nos. PS11 and PS12 were collected.



Photo 7: (looking E) Product line trench section in which sample nos. PS6, PS7, and PS8 were collected.



Photo 8: (looking E) Tank #1 and #2 pit after USTs have been removed. Note groundwater in bottom of the pit at 11.5 feet. Excavator bucket teeth are extending through this groundwater and touching an underlying concrete pad at approximately 13.5 feet bgs.



Photo 9: (looking W) Tank 1 and 2 pit after USTs have been removed.



Photo 10: (looking W) Tank 3 pit after UST had been removed. Concrete pad underlying pea gravel.

APPENDIX A

LACDPW UST REMOVAL PERMIT

FORM VALID JULY 1, 2018 TO JUNE 30, 2019

DPW USE ONLY:
SITE-FILE NO. 6994 - 65226
APP NO. 1905766 AREA 3M
CHECK [X] CASH [ ] OTHER [ ]
FEE $ 1667.00

CLOSURE AUTHORIZATION FOR HAZARDOUS SUBSTANCE UNDERGROUND STORAGE TANKS

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS (DPW)
Environmental Programs Division
900 South Fremont Avenue, 3rd Floor Annex Building
Alhambra, CA 91803-1331
Phone Number (626) 458-3517, Fax Number (626) 458-3569
Www.CleanLA.com

Removal Information must be submitted to CERS. Refer to attached forms.

CLOSURE REQUESTED:

- [X] PERMANENT, UST REMOVAL
- [ ] PERMANENT, UST CLOSURE IN-PLACE - Attach Justification Statement
- [ ] TEMPORARY CLOSURE
- [ ] OTHER (ONLY PIPING, UNDER DISPENSER CONTAINMENT, ETC), EXPLAIN: _____

ATTACH PLOT PLAN Show existing tanks, piping and dispenser locations, etc. (to scale).

FACILITY California Environmental Reporting System (CERS) ID: _____ DATE INFORMATION SUBMITTED TO CERS: _____

HOW MANY UNDERGROUND STORAGE TANKS WILL REMAIN AFTER THIS CLOSURE? 0 **EXISTING HSUSP NUMBER** 842830

Who is closing the UST(s)? [ ] UST OWNER/OPERATOR OR [X] CONTRACTOR

Email address of UST owner/operator or recipient: ron@georgebryantcoast.com

FACILITY TO BE CLOSED (VERIFICATION FOR NOTIFICATIONS):

Facility Name: Equity office Phone: 909 944 3517
Facility Address: 1977 Saroni St City: Monterey Park Zip: 91755
Tank Owner/Contact: Maya Collins Title: Property Manager
Contractor Name: George Bryant Construction Phone: 909 944 3517
Contractor License No.: 718466 Class(s): A B C21 C22 HAZ

Contractors Shall Be Hazardous Substance Removal Certified "HAZ" per California Business & Professions Code Division 3, Chapter 9, Article 4, §7058.7 (e)

NUMBER OF UST's TO BE CLOSED	UST ID NO. (DPW USE ONLY)	CAPACITY GALLONS	SUBSTANCES STORED (PAST/PRESENT)	CLOSURE FEE
1				$1,143.00
2				$1,405.00
3				$1,667.00
4				$1,929.00
5				$2,191.00
6 (+ ATTACH LIST)				$881.00 + $262.00 per UST =

Closure of Underground Storage Tanks (USTs) shall be in compliance with Los Angeles County Code Title 11, Division 4

COMPLETE SURVEY:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[X]
Has a structural repair ever been made to these underground storage tanks?	[ ]	[X]
Will new underground storage tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES IN TANKS TO BE CLOSED, MAY BE HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE DIVISON 20, CHAPTER 6.5 AND MUST BE REPORTED IN THE CLOSURE REPORT. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below, you certify that all statements and disclosures above are true and correct.
You have read and agree to abide by this authorization and all conditions and limitations on the back and attached:

Authorization Recipient (Print Name) Ronald Franklin Phone 909 944 3517
Recipient's Signature _____ Date 10/25/18
Recipient is: **UST Owner** [ ] **UST Operator** [ ] or **Contractor** [X] Written authorization is required for submittals made on behalf of owner/operator.

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS.

THIS AUTHORIZATION EXPIRES: 04/25/2019 *****SEE ATTACHMENTS*****

MARK PESTRELLA
Director of Public Works

By: gkb Date: 10/25/2018

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the County of Los Angeles Department of Public Works, Environmental Programs Division, P.O. Box 1460, Alhambra, California 91802-1460, containing:

1. File number of facility and closure permit number.
2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.
3. Description of methods for obtaining, handling, and transporting samples.
4. Time and date samples were obtained.
5. Soil sampling certification (including but not limited to soils classification, boring logs, sample procedures, sample locations, initiating chain-of-custody, and groundwater location) for Underground Storage Tank closure shall be certified by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils. The certification must clearly state that all work was performed under the supervision of the person signing.
6. Chain-of-custody documentation initiated by person obtaining sample through person at a California Department of Health Services certified laboratory.
7. Disposal destination of tanks and evidence of legal disposal.
8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction, and methods of analysis.
9. Documentation as to depth of groundwater at facility.
10. Manifests to document hazardous waste disposal of any removed soil and tank rinsate.
11. Evidence of legal disposal of soils designated as nonhazardous.
12. Any observations of site contamination.
13. Report to be signed by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils.
14. Submit to the California Environmental Reporting System (CERS) the date the UST was permanently closed for all tanks removed or closed in-place.

Print Name Ronald Frazier

Signature _____ Date 10/25/16

CERS Business

Home | Submittals | Facilities | Compliance | My Business

UST Facility Operating Permit Application:

Home » Prepare Submittal » UST: UST Facility Operating Permit Application (Draft)

Instructions/Help

You must complete this form withing 30 days of all new permits, permit changes, or facility information changes. You will also need to update/confirm your tank, monitoring plan, and other pertinent UST-related forms.

All facilities **must** provide a BOE Number--valid numbers are 8 digits long starting with the numbers 44... State and federal facilities should use 44032062. If **ALL** underground tanks at your facility **ONLY** contain NON-petroleum productions, you can provide this generic BOE Number: 44000000. Contact your local regulator if you are unsure what number to provide.

The former paper version of this form was called "UST Operating Permit Application-Facility Information" (Form A).

More information about UST Financial Responsibility Mechanisms is available at the Water Board's Underground Storage Tank Cleanup Fund Financial Responsibility web page.

Click this field to reflect permanent UST closure.

Save | Cancel

Type of Action

○ Confirmed/Updated Information ○ New Permit ○ Renewal Permit ○ Temporary Facility Closure ◉ Permanent Facility Closure ○ Transfer Permit

Facility Information

EXAMPLE FACILITY

Facility Type *

○ Motor Vehicle Fueling ○ Fuel Distribution ○ Farm ○ Processor ○ Other

BOE Number *

Is the facility located on Indian Reservation/Trust lands? *

○ Yes ○ No

Property Owner

Owner Name * Phone *

Tank Operator

Tank Operator Name * Phone *

Mailing Address *

City State ZIP/Postal Code

Country *

United States For International Address

Tank Owner

Owner Name * Phone *

CERS Business

Home | Submittals | Facilities | Compliance | My Business

UST Tank Information/Monitoring Plan:

Home » Prepare Submittal » UST: UST Tank Information/Monitoring Plan (Draft)

Instructions/Help

Use this form to enter data for new UST systems or revise data for an existing UST system. You must complete a separate form for each affected tank. For tanks that are part of a compartmentalized unit, each compartment is considered a separate tank. This information is required within 30 days of permit or facility information changes, unless your local agency requires approval prior to making the changes.
The former paper version of this form was called "UST Operating Permit Application-Tank Information" (Form B).

Copy from Other UST Tank | Save | Cancel

Type of Action

Type of Action (UST Tank) *

( ) Confirmed/Updated Information ( ) New Permit ( ) Renewal Permit ( ) Temporary UST Closure ( ) UST Permanent Closure on Site (•) UST Removal

Facility Information

EXAMPLE FACILITY

Enter this date after the UST has been removed.

Click this field to reflect permanent removal of the UST.

Tank Description

Tank ID # *

Tank Manufacturer *

Tank Capacity In Gallons *

Date UST System Installed *

Date Existing UST Discovered *

Date UST Permanently Closed *

Tank Configuration *
( ) A Stand-alone Tank ( ) One in a Compartmented Unit

Number of Compartments in the Unit *

Additional Description *

Tank Use and Contents

Tank Use *
Motor Vehicle Fueling
Marina Fueling

Tank Contents * Read This First
Regular Unleaded
Premium Unleaded

Tank Construction

Type of Tank * Read This First
Single Wall Double Wall Unknown

CLOSURE – UNDERGROUND STORAGE TANKS

CONDITIONS A – GENERAL

1. Closures shall be carried out such that all applicable regulations from the following agencies are complied with: Los Angeles County, Department of County Engineer – Facilities; Los Angeles County Fire Department, Fire Prevention Division or the appropriate City Fire Department; South Coast Air Quality Management District; and Los Angeles County Department of Health Services.

2. The County Engineer and Fire Departments shall be notified in advance of any closure in accordance with the following:

   a. Removal of tank shall require a three (3)-business day advance notification.
   b. Permanent closure of a tank in place or a temporary closure shall require a 30-written notification.

3. Consult current fee schedule for costs.

4. All abandoned wells shall be destroyed in such a way that they will not produce water or act as a channel for interchange of water, when such interchange may result in deterioration of the quality of water in any or all water bearing formations penetrated, or present a hazard to the safety and well-being of people and animals.

5. A well destruction permit issued by the Los Angeles Department of Health Services shall be required for all wells requiring a permit for their initial construction.

6. Well destruction shall be accomplished according to methods described in the latest "Water Well Standards: State of California" by the Department of Water Resources, contained in Bulletin 74 – 81, December 1981, or any other methods that will provide equivalent or better protection.

7. Plans for the decontamination of a facility shall be submitted to the County Engineer for approval no later than 30 days before the commencement of such operations. Other agencies having jurisdiction shall also be notified. These agencies the California Regional Water Quality Board, the Los Angeles County Department of Health Services, and the South Coast Air Quality Management District.

8. Decontamination shall require the following, as a minimum:

   a. Cleaning operation shall be done under the supervision of persons who understand the hazardous potential of the original liquid stored and its components.
   b. The personnel shall be sufficiently skilled to safely carry out such operation.
   c. Contaminated materials removed from such facility shall be disposed of at legal point of discharge.
   d. The operation shall be carried out in a manner that will not endanger the health of the public and the environment.

CONDITIONS B – TEMPORARY

1. All temporary closures shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, "Abandonment or Removal of Underground Tanks, "Part A and any other applicable Parts.

2. A temporary closure shall not exceed 180 days.

CONDITION C – PERMANENT TANK (S) REMOVAL

1. All tank removals shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Part D and any other applicable Parts.

2. Owners/operators shall notify the Building Department having jurisdiction at the place of removal if a grading permit is necessary.

3. Removed tanks shall not be transported away from the site until an inspection to establish site integrity is carried by the County Engineer.

4. If an appointment has been arranged with a County Engineer Inspector to inspect the removal of a tank, the inspector will only wait at the site a reasonable amount of time (approximately one hour) after arriving for the removal to commence. Another closure fee may be charged if the inspector has to return to the site.

5. After inspection, tank shall be transported to a legal disposal point.

6. If the tank has stored materials other than motor fuel, fuel oil or waste oil, site integrity shall be demonstrated using the soil sampling and analysis procedures described in CONDITIONS D below.

7. The site shall be filled and re-compacted to a relative compaction of 90%.

CONDITIONS D – PERMANENT

1. All permanent closures of tanks in place shall comply with Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Parts B or C, and any other applicable Parts.

2. Owners/operators shall demonstrate part site integrity as follows:

   a. Test borings shall be slant drilled to intercept a point beneath the center of the tank, if possible. If slant drilling is not feasible, the test boring may be drilled vertically and the reason stated in the report in 2.h. below.
   b. For single tanks, a minimum of two test borings will be required, each located on opposite sides of the tank along the major axis of the tank.
   c. For multiple tanks, as a minimum, boring shall be placed at 20-foot intervals around the tank cluster. The actual number and location of borings shall be evaluated on a case-by-case basis. Tanks separated by 20 feet or more shall be considered single tanks for the purposes of test location and placement.
   d. Soil samples shall be taken at depths of 5, 10, 20, 30 and 40 feet below grade level.
   e. A Shelby Tube or a Modified California Sampler shall be utilized for taking all soil samples.
   f. Soil samples shall not be extruded in the field but are to be immediately placed in a refrigerated ice chest and transported to a state certified laboratory for analysis, using suitable methods.
   g. A report containing the results of the above analysis shall be submitted to the County Engineer.

3. If the soil analysis in 2. above indicates the presence of contaminants, the County Engineer shall require a site investigation as described in Chapter V of the County's "Underground Storage of Hazardous Materials – Guidelines."

4. A report shall be submitted to the County Engineer containing the results of the site investigation.

CLOSURE APPLICATION SUPPLEMENT **PART 1 OF 3**
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

DPW USE ONLY:
SITE-FILE NO. 6994-62151
APPLICATION NO. 905099

To satisfy the permanent closure requirements for underground storage tanks storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

***** Soil sampling will be required for Vent and Vapor Recovery piping for UST systems installed after July 1, 2003. *****

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1A, 1B	2-4 feet beneath	TPHD	→ 8015M
2A, 2B	tank invert	BTEX, MTBE	→ 8260B
3A, 3B		Fuel Oxygenates	→ 8260B
		# Organic Lead	→ DOHS Method
1 sample	2-4 feet below	same as	same as
	each UDC	above	above
1 sample	2-4 feet below	Same as	Same as
	piping, every 20 feet	above	above
	starting from UDC's		

° Apply EPA Method 5035 for soil sample collection, preparation and preservation.

~~# Test for organic lead if past UST contents are tested, or if it is unknown whether past UST contents were leaded.~~

Continued on Page 2

3. All soil samples obtained shall be discrete, undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date/time of sampling shall be included in the final report.

4. Conform to the analytical requirements table below for petroleum hydrocarbon sites. Apply EPA Method 5035 specified in the USEPA SW-846, version III (12/1996) for soil sample preparation and preservation in order to minimize volatile organic losses. Use the sample collection devices, or equivalent, specified in the method (e.g., the Encore™ sampler). If the Encore™ sampler is used, analyze sample within 48 hours from the collection. Analyze sample within 10 days for soil samples stored under frozen conditions.

UST CONTENTS	Analyte	Analytical Method	Required MDL	
			Soil (ug/kg)	Water (ug/L)
GASOLINE OR DIESEL	Totoal Petroleum Hydrocarbons(TPH) - Gasoline	EPA Method 8015 (M)	100-200	50-100
	Total Petroleum Hydrocarbons (TPH) - Diesel	EPA Method 8015 (M)	1000	500
	Benzene	EPA Method 8260B (8021B)	1	0.5
	Toluene	EPA Method 8260B (8021B)	1	0.5
	Ethylbenzene	EPA Method 8260B (8021B)	1	0.5
	Xylenes (Total)	EPA Method 8260B (8021B)	1	0.5
	Methyl Tertiary Butyl Ether (MTBE)	EPA Method 8260B	2	1
	Di-isopropyl ether (DIPE)	EPA Method 8260B	2	1
	Ethyl tertiary butyl ether (ETBE)	EPA Method 8260B	2	1
	Tertiary amyl methyl ether (TAME)	EPA Method 8260B	2	1
	Tertiary butyl alcohol (TBA)	EPA Method 8260B	20	10
	Ethanol	EPA Method 8260B	500	250
	Methanol	EPA Method 8015 (M)	1000	500
WASTE OIL	Total Recoverable Petroleum Hydrocarbons (TRPH) - Waste Oil	EPA Method 418 + EPA Method 8260B	1000	500
OTHER, UNKNOWN	UST Permitted Contents, all VOC's (EPA Method 8260) + To Be Determined			

Continued on Page 3

5. All soil/groundwater samples shall be analyzed by a laboratory approved by the California Environmental Accreditation Laboratory Program (ELAP).

6. Analytical results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) Detection limits for each analytical procedure and determination; d) The method of analysis; e) Signature of chemist certifying results.

7. All soil/groundwater samples obtained shall be handled and transported to laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.

9. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

10. A final report that contains all of the above required information shall be submitted to the office above within one (1) month form the sampling date or 180 days from the date of this permit, whichever is earlier.

11. All electronic data shall be submitted to the State Water Resources Control Board Geotracker database.

Subject: Fwd: 1977 Saturn St
From: Ron Franklin <ron@georgebryantconst.com>
Date: 11/14/2018, 3:10 PM
To: Rob Hansen - Aem <rhansen@altaem.com>

Here is the reply for the lead samples. The tanks were always permitted as diesel fuel

Ron Franklin
George Bryant Construction Inc
(909) 944-3517 office
(909)215-4428 cell

Begin forwarded message:

From: "Kattya Batres" <GBATRES@dpw.lacounty.gov>
To: "Ron Franklin" <ron@georgebryantconst.com>
Subject: 1977 Saturn St

Ron,

Attached you can find the pdf copy of the approved tank removal permit. In the soil sample laboratory analysis specification sheet, you can see that we require the samples to be analyzed for Organic Lead, with a note clarifying to test for it if the tanks' contents used to be leaded or if it is unknown whether they were leaded or not.
If the owner is sure these tanks never contained leaded fuel, the Organic Lead analysis can be disregarded. If there is some doubt, then it has to be included.

Best regards,
Kattya Batres
Los Angeles County Public Works
Office: (626) 458-3526

ATT00001.htm

Attachments:

1977 Saturn UST closure permit.pdf	2.9 MB
ATT00001.htm	178 bytes

CLOSURE APPLICATION SUPPLEMENT **PART 1 OF 3**
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

DPW USE ONLY
SITE-FILE NO 6994-62151
APPLICATION NO 905099

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3A, 3B		Fuel Oxygenates	→ 8260B
		* Organic Lead	→ DOHS Method
1 sample	2-4 feet below	Same as	Same as
	each UDC	above	above
1 sample	2-4 feet below	Same as	Same as
	piping, every 20 feet	above	above
	starting from UDCs		

° Apply EPA Method 5035 for soil sample collection, preparation and preservation.

* Test for organic lead if past UST contents were leaded, or if it is unknown whether past UST contents were leaded.

Continued on Page 2

APPENDIX B

SOIL & GROUNDWATER SAMPLING PROCEDURES

APPENDIX B

SOIL & GROUNDWATER SAMPLING PROCEDURES

Soil Samples

- Soil samples collected from the piping trenches were obtained using a hand auger. Soil samples collected from the tank pit were obtained with a backhoe.
- A relatively undisturbed portion of each sample was also retained in general accordance with EPA method no. 5035 protocol, using an EASYDRAW® syringe. An approximate five gram sample was collected with the syringe and ejected each into four pre-tared, 40 ml glass VOA vials (two vials containing pre-measured quantities of $NaHSO_4$, one vial containing MeOH, and one vial with no preservative).
- Additional sample (for non VOC anlayses) was also collected in a laboratory approved, 4-Oz. glass jar at each location.
- All collected samples was labeled with the sample number, date and project number.
- All samples were stored in an ice chest kept at approximately 40 to 50 degrees Fahrenheit prior to transportation to a State of California, Department of Health Services certified laboratory under strict chain-of-custody procedures.
- All re-usable soil sampling equipment was washed prior to each sampling events with a solution of LIQUINOX (a phosphate free detergent), rinsed with potable tap water, and then rinsed again with de-ionized water.

Groundwater Samples

- Groundwater samples were obtained with a disposable polyethylene sampling bailer lowered into the groundwater in the bottom of the UST pit.
- The groundwater samples were each retained in a 1-liter amber glass bottle containing H_2SO_4, and three 40-ml glass VOA vials with no preservative.
- All collected samples was labeled with the sample number, date and project number.
- All samples were stored in an ice chest kept at approximately 40 to 50 degrees Fahrenheit prior to transportation to a State of California, Department of Health Services certified laboratory under strict chain-of-custody procedures.

APPENDIX C

LABORATORY REPORT

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: November 15, 2018

Mr. Robert Hansen
Alta EM, Inc.
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

Project: **GBC - Monterey Park / 18738-01**
Lab I.D.: **181109-36 through -52**

Dear Mr. Hansen:

The **analytical results** for the soil and water samples, received by our laboratory on November 9, 2018, are attached. The samples were received chilled, intact, and accompanying chain of custody record.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manager

Andy Wang
Laboratory Manager

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**

MATRIX: SOIL
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT HANSEN

DATE RECEIVED: 11/09/18
DATE EXTRACTED: 11/12/18
DATE ANALYZED: 11/13/18
DATE REPORTED: 11/15/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B; PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
PS1-4	181109-36	ND	1
Method Blank		ND	1
	PQL	**10**	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**

MATRIX: SOIL
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT HANSEN

DATE RECEIVED: 11/09/18
DATE EXTRACTED: 11/13/18
DATE ANALYZED: 11/13-14/18
DATE REPORTED: 11/15/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B; PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
PS2-4	181109-37	ND	1
PS3-4	181109-38	ND	1
PS4-4	181109-39	ND	1
PS5-5	181109-40	ND	1
PS6-4	181109-41	ND	1
PS7-4	181109-42	ND	1
PS8-4	181109-43	ND	1
PS9-4	181109-44	ND	1
PS10-3.5	181109-45	ND	1
PS11-4	181109-46	ND	1
PS12-3.5	181109-47	ND	1
PS13-4	181109-48	15.2 *	1
T3-1-10	181109-49	10.5 *	1
T3-2-10	181109-50	ND	1
Method Blank		ND	1
	PQL	**10**	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
* = PEAKS IN DIESEL RANGE BUT CHROMATOGRAM DOES NOT MATCH THAT OF DIESEL STANDARD

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 11/13/2018 **Units:** mg/Kg (ppm)

Matrix: **Soil/Solid/Sludge/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **181113-LCS1/2**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10~C28 Range	0	200	153	**77%**	151	**76%**	**1%**	**75-125**	**0-20%**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10~C28 Range	200	178	**89%**	**75-125**

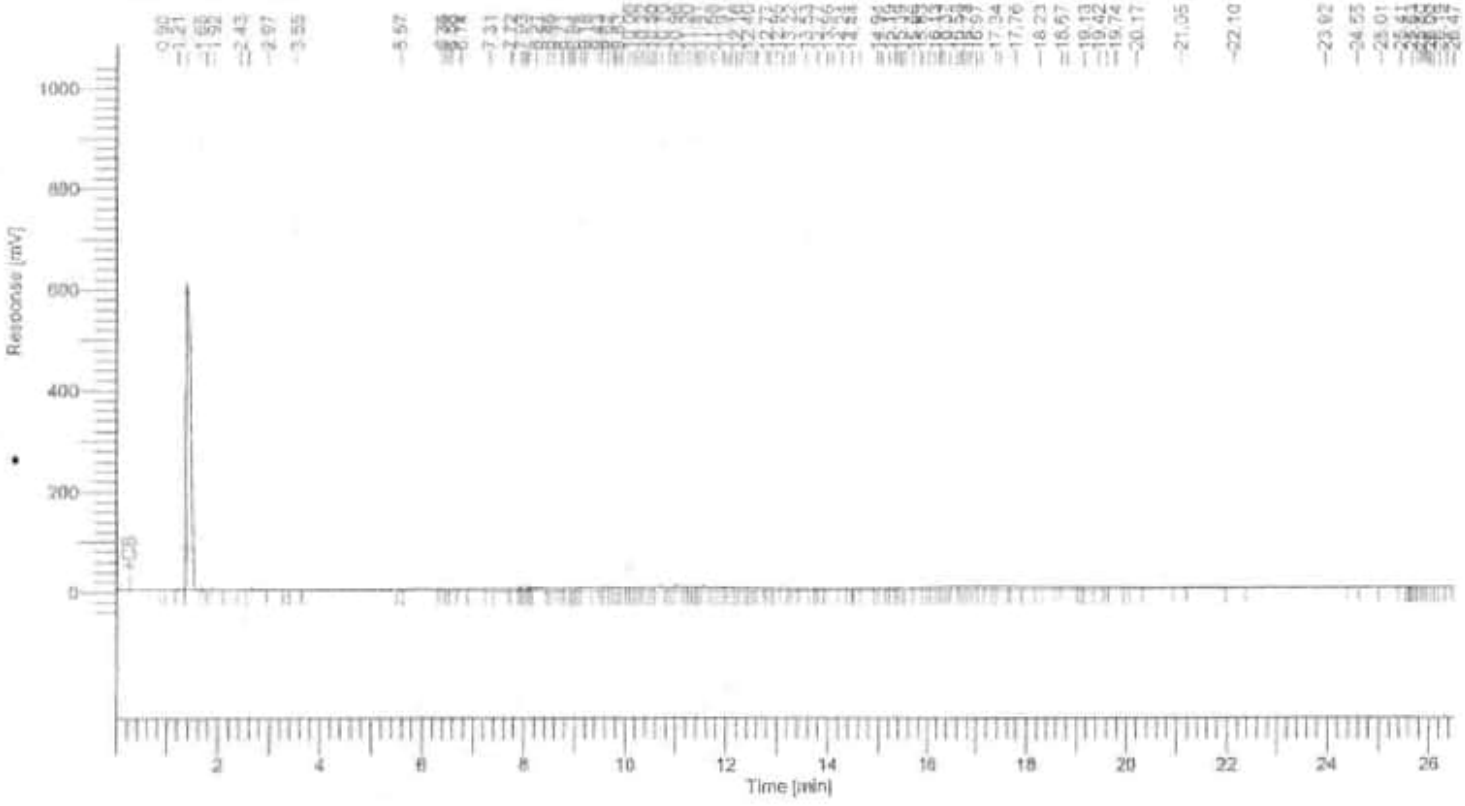
Analyzed and Reviewed By: _____

Final Reviewer: _____

Software Version : 5.3.2.0646
Sample Name : 181109-48 20/2.0
Instrument Name : GC H
Rack/Vial : 0/25
Sample Amount : 1.000000
Cycle : 1

Data : 11/14/2018 1:33:32 PM
Data Acquisition Time : 11/14/2018 5:22:21 AM
Channel : A
Operator : Administrator
Dilution Factor : 1.000000

Result File :
Sequence File : E:\GC DATA\GC-H\H2018\H1803\HB111318\181113.seq



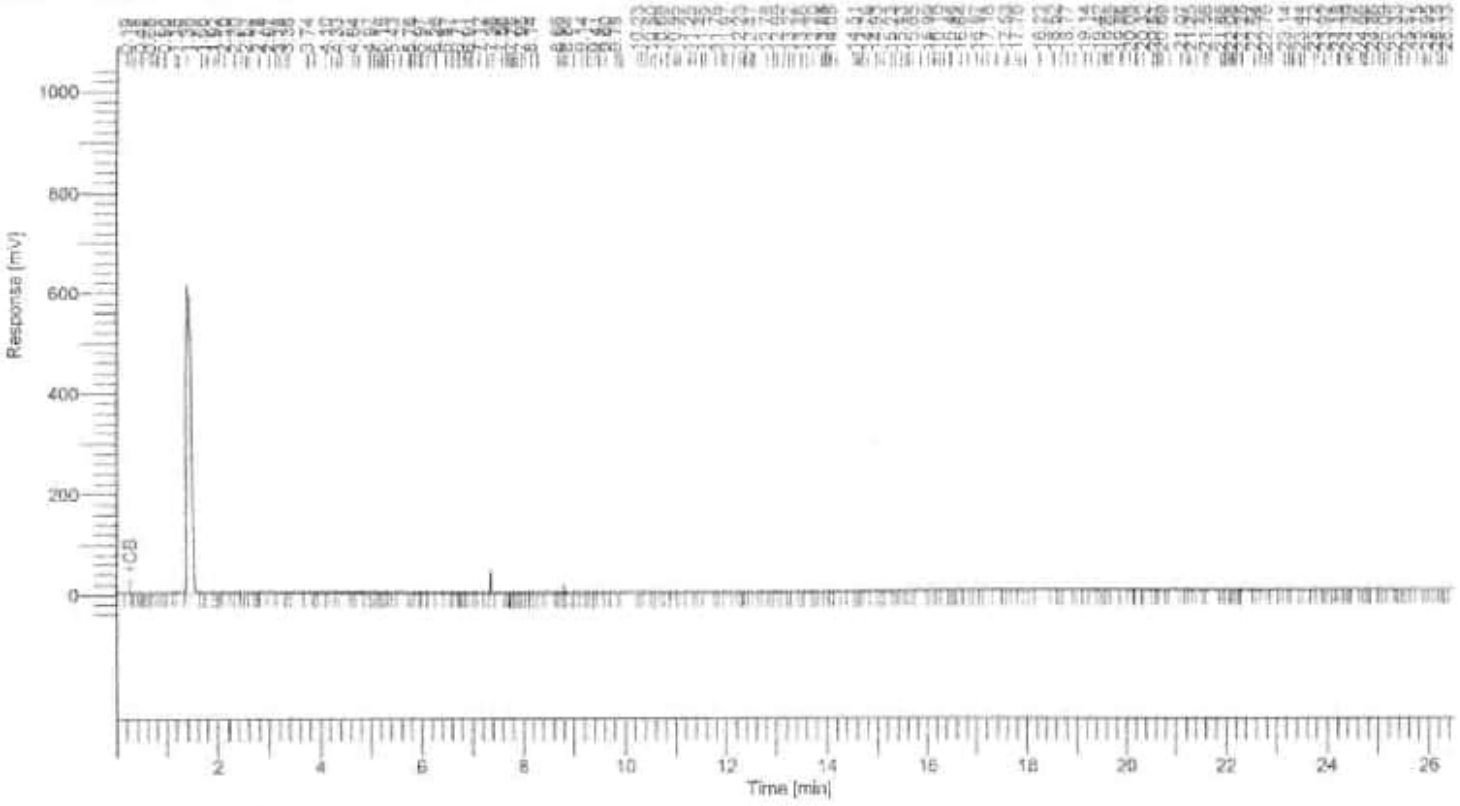
8015 Results

Component Name	Area [uV*sec]	Adjusted Amount
C4-C10	152343	26.2
C10-C23	2297450	151.9
C23-C35	1464079	103.9
	3913872	282.0

Software Version : 6.3.2.0648
Sample Name : 181109-49 20/2 D
Instrument Name : GC-H
Rack/Vial : 0/27
Sample Amount : 1.000000
Cycle : 1

Date : 11/14/2018 1:33:44 PM
Data Acquisition Time : 11/14/2018 5:59:05 AM
Channel : A
Operator : Administrator
Dilution Factor : 1.000000

Result File :
Sequence File : E:\GC DATA\GC-HH\2018\H1803\H181113\H181113.seq



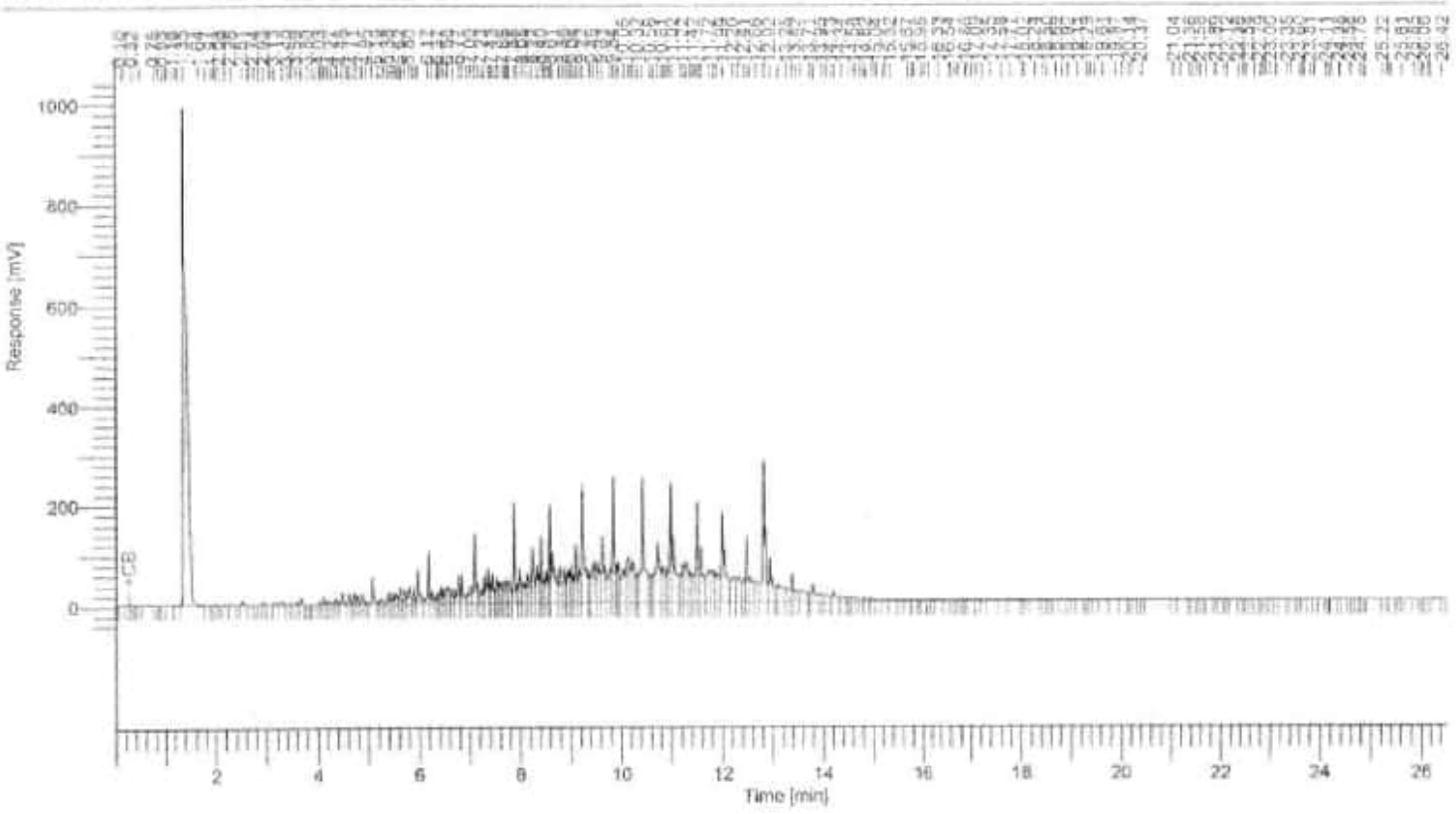
8015 Results

Component Name	Area [uV*sec]	Adjusted Amount
C4-C10	548273	94.4
C10-C23	1580119	104.5
C23-C35	1545784	109.7
	3675575	308.6

Software Version : 6.3.2.0646
Sample Name : DIESEL CCV 2000PPM (GC-3634)
Instrument Name : GC-H
Rack/Vial : 0/3
Sample Amount : 1.000000
Cycle : 1

Date : 11/14/2018 1:40:39 PM
Data Acquisition Time : 11/13/2018 3:59:12 PM
Channel : A
Operator : Administrator
Dilution Factor : 1.000000

Result File :
Sequence File : E:\GC DATA\GC-HH\2018\H1803\H811113\H181113.seq



8015 Results

Component Name	Area [uV*sec]	Adjusted Amount
C4-C10	1619882	278.8
C10-C23	23699721	1566.8
C23-C35	1413234	100.3
	26732838	1945.9

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 11/13-14/2018 **Units:** mg/Kg (ppm)

Matrix: **Soil/Solid/Sludge/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 181109-37 MS/MSD

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10~C28 Range	0	200	175	88%	159	80%	10%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10~C28 Range	200	195	98%	75-125

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**

MATRIX:WATER
SAMPLING DATE:11/08/18
REPORT TO:MR. ROBERT HANSEN

DATE RECEIVED:11/09/18
DATE EXTRACTED:11/09/18
DATE ANALYZED:11/11-12/18
DATE REPORTED:11/15/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
TP GW1	181109-51	ND	1
TP GW2	181109-52	ND	1
Method Blank		ND	1
	PQL	500	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:_____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 11/11-12/2018 **Units:** ug/L (PPB)

Matrix: **Water/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 181111-LCS3/4

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10-C28 RANGE	0	12000	14100	**118%**	13900	**116%**	**1%**	**75-125**	**0-20%**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10-C28 RANGE	12000	10900	**91%**	**75-125**

Analyzed and Reviewed by: _____

Final Reviewer: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**
MATRIX: SOIL
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT HANSEN
DATE RECEIVED: 11/09/18
DATE ANALYZED: 11/10/18
DATE REPORTED: 11/15/18

EPA 5035/8260B FOR BTEX
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	DF
PS1-4	181109-36	ND	ND	ND	ND	1
PS2-4	181109-37	ND	ND	ND	ND	1
PS3-4	181109-38	ND	ND	ND	ND	1
PS4-4	181109-39	ND	ND	ND	ND	1
PS5-5	181109-40	ND	ND	ND	ND	1
PS6-4	181109-41	ND	ND	ND	ND	1
PS7-4	181109-42	ND	ND	ND	ND	1
PS8-4	181109-43	ND	ND	ND	ND	1
PS9-4	181109-44	ND	ND	ND	ND	1
PS10-3.5	181109-45	ND	ND	ND	ND	1
PS11-4	181109-46	ND	ND	ND	ND	1
PS12-3.5	181109-47	ND	ND	ND	ND	1
PS13-4	181109-48	ND	ND	ND	ND	1
T3-1-10	181109-49	ND	ND	ND	ND	1
T3-2-10	181109-50	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	1
PQL		0.005	0.005	0.005	0.010	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**
MATRIX: SOIL
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT HANSEN
DATE RECEIVED: 11/09/18
DATE ANALYZED: 11/10/18
DATE REPORTED: 11/15/18

EPA 5035/8260B FOR FUEL OXYGENATES
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
PS1-4	181109-36	ND	ND	ND	ND	ND	1
PS2-4	181109-37	ND	ND	ND	ND	ND	1
PS3-4	181109-38	ND	ND	ND	ND	ND	1
PS4-4	181109-39	ND	ND	ND	ND	ND	1
PS5-5	181109-40	ND	ND	ND	ND	ND	1
PS6-4	181109-41	ND	ND	ND	ND	ND	1
PS7-4	181109-42	ND	ND	ND	ND	ND	1
PS8-4	181109-43	ND	ND	ND	ND	ND	1
PS9-4	181109-44	ND	ND	ND	ND	ND	1
PS10-3.5	181109-45	ND	ND	ND	ND	ND	1
PS11-4	181109-46	ND	ND	ND	ND	ND	1
PS12-3.5	181109-47	ND	ND	ND	ND	ND	1
PS13-4	181109-48	ND	ND	ND	ND	ND	1
T3-1-10	181109-49	ND	ND	ND	ND	ND	1
T3-1-10	181109-50	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
	PQL	0.01	0.01	0.005	0.01	0.05	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL tert-BUTYL ETHER DIPE = ISOPROPYL ETHER
MTBE = METHYL tert-BUTYL ETHER TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 11/10/2018 **Matrix:** Solid/Soil/Liquid

Machine: C **Unit:** mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 181109-50 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.045	90%	0.045	90%	0%	75-125	0-20
Chlorobenzene	0	0.050	0.049	98%	0.050	100%	2%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.041	82%	0.043	86%	4%	75-125	0-20
Toluene	0	0.050	0.047	94%	0.047	94%	0%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.044	88%	0.045	90%	2%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.044	88%	75-125
Chlorobenzene	0.050	0.058	116%	75-125
Chloroform	0.050	0.039	78%	75-125
1,1-Dichlorothene	0.050	0.043	86%	75-125
Ethylbenzene	0.050	0.053	106%	75-125
o-Xylene	0.050	0.054	108%	75-125
m,p-Xylene	0.100	0.105	105%	75-125
Toluene	0.050	0.047	94%	75-125
1,1,1-Trichloroethane	0.050	0.040	80%	75-125
Trichloroethene (TCE)	0.050	0.051	102%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	181109-36	181109-37	181109-38	181109-39	181109-40	181109-41
Dibromofluoromethane	50.0	70-130	84%	90%	91%	93%	93%	99%	98%
Toluene-d8	50.0	70-130	94%	98%	95%	96%	96%	97%	98%
4-Bromofluorobenzene	50.0	70-130	104%	106%	100%	103%	99%	101%	98%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			181109-42	181109-43	181109-44	181109-45	181109-46	181109-47	181109-48
Dibromofluoromethane	50.0	70-130	100%	100%	101%	104%	101%	104%	103%
Toluene-d8	50.0	70-130	98%	98%	99%	97%	100%	98%	99%
4-Bromofluorobenzene	50.0	70-130	102%	100%	100%	98%	99%	102%	97%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			181109-49	181109-50					
Dibromofluoromethane	50.0	70-130	100%	102%					
Toluene-d8	50.0	70-130	99%	100%					
4-Bromofluorobenzene	50.0	70-130	98%	100%					

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*

S.R. = Sample Results *%RC = Percent Recovery*

spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*

MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By: _____

Final Reviewer: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**
MATRIX:WATER DATE RECEIVED:11/09/18
SAMPLING DATE:11/08/18 DATE ANALYZED:11/13/18
REPORT TO:MR. ROBERT HANSEN DATE REPORTED:11/15/18

EPA 5030B/8260B FOR BTEX
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	DF
TP GW1	181109-51	ND	ND	ND	ND	1
TP GW2	181109-52	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	1
	PQL	1.00	1.00	1.00	3.00	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**
MATRIX:WATER DATE RECEIVED:11/09/18
SAMPLING DATE:11/08/18 DATE ANALYZED:11/13/18
REPORT TO:MR. ROBERT HANSEN DATE REPORTED:11/15/18

EPA 5030B/8260B FOR FUEL OXYGENATES
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
TP GW1	181109-51	ND	ND	ND	ND	ND	1
TP GW2	181109-52	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
	PQL	5.00	5.00	3.00	5.00	50.0	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL tert-BUTYL ETHER DIPE = ISOPROPYL ETHER
MTBE = METHYL tert-BUTYL ETHER TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 11/13/2018 Matrix: Water/Liquid
Machine: B Unit: ug/L (PPB)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)
Spiked Sample Lab I.D.: 181109-35 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	25.0	22.9	92%	23.8	95%	4%	75-125	0-20
Chlorobenzene	0	25.0	22.4	90%	23.7	95%	5%	75-125	0-20
1,1-Dichloroethene	0	25.0	22.2	89%	18.8	75%	14%	75-125	0-20
Toluene	0	25.0	22.4	90%	23.6	94%	5%	75-125	0-20
Trichloroethene (TCE)	0	25.0	22.7	91%	24.5	98%	7%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	25.0	21.6	86%	75-125
Chlorobenzene	25.0	21.5	86%	75-125
Chloroform	25.0	22.0	88%	75-125
1,1-Dichloroethene	25.0	21.4	86%	75-125
Ethylbenzene	25.0	20.9	84%	75-125
o-Xylene	25.0	21.8	87%	75-125
m,p-Xylene	50.0	44.2	88%	75-125
Toluene	25.0	21.6	86%	75-125
1,1,1-Trichloroethane	25.0	20.9	84%	75-125
Trichloroethene (TCE)	25.0	20.7	83%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			**M-BLK**	**181109-35**	**181109-25**	**181108-20**	**181108-21**	**181108-22**	**181108-23**
Dibromofluoromethane	25.0	70-130	96%	84%	84%	87%	87%	92%	86%
Toluene-d8	25.0	70-130	102%	100%	99%	100%	101%	101%	101%
4-Bromofluorobenzene	25.0	70-130	93%	89%	89%	94%	91%	90%	91%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			**181108-24**	**181108-25**	**181108-26**	**181109-62**	**181109-51**	**181109-52**	
Dibromofluoromethane	25.0	70-130	84%	79%	82%	82%	83%	86%	
Toluene-d8	25.0	70-130	110%	100%	100%	100%	99%	100%	
4-Bromofluorobenzene	25.0	70-130	87%	89%	90%	89%	90%	90%	

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.									
Dibromofluoromethane	25.0	70-130							
Toluene-d8	25.0	70-130							
4-Bromofluorobenzene	25.0	70-130							

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*
S.R. = Sample Results *%RC = Percent Recovery*
spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*
MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By: _____

Final Reviewer: _____

Gmail

Jessica Lin <envirocheminc@gmail.com>

GBC -Monterey Park

Rob Hansen - AEM <rhansen@altaem.com> Wed, Nov 14, 2018 at 4:22 PM
To: Jessica LIN <envirocheminc@gmail.com>
Cc: curt@enviro-chemlab.com

Jessica. Curt and I discussed putting the orgamic lead analyses on hold for these soil samples picked up last Friday. The Regulator has approved NOT doing this particular analysis, so please do not.

Enviro-Chem, Inc. Laboratories
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	TPH diesel (SOIL) GTBX, FIBE OXYGENATES (8260) OXIDIZERS LEAD (CAM 17)	Misc./PO#
PS1-4	18109-36	11/8/18	10:55	SOIL	1-SC35 1-402 GLASS 5ML	ICE	BLUE ICE	X X X	
PS2-4	-37		11:09					X X X	
PS3-4	-38		11:15					X X X	
PS4-4	-39		11:23					X X X	
PS5-5	-40		11:32					X X X	
PS6-4	-41		11:43					X X X	
PS7-4	-42		12:08					X X X	
PS8-4	-43		11:55					X X X	
PS9-4	-44		13:56					X X X	
PS10-3.5	-45		12:43					X X X	
PS11-4	-46		12:15					X X X	
PS12-3.5	-47		12:33					X X X	
PS13-4	-48		13:40					X X X	
T3-1-10	-49		14:05					X X X	
T3-2-10	-50		14:15					X X X	

Analysis Required

COMMENTS

Company Name: ALTA ENV INC	**Project Contact:** ROBERT HANSEN	**Sampler's Signature:**
Address: 8280 UTICA AVE, #200	**Tel:** (909) 476-2120	**Project Name/ID:** GBC-MONTEREY PARK/ 18738-01
City/State/Zip: RANCHO CUCAMONGA, CA 91730	**Fax/Email:** (909) 476-6819	

Relinquished by:	Received by:	Date & Time: 11/9/18 0935	Instructions for Sample Storage After Analysis:
Relinquished by:	Received by:	Date & Time: 11/9/18 1520	O Dispose of O Return to Client O Store (30 Days)
Relinquished by:	Received by:	Date & Time:	O Other:

CHAIN OF CUSTODY RECORD

Date: 11/8/18

WHITE WITH SAMPLE - YELLOW TO CLIENT

Enviro-Chem, Inc. Laboratories
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
0 1 Week (Standard)
Other:

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	TPH as diesel (8015M)	BTEX, TBE, Oxygenates (8260B)	Chlorinated Solvents (8260B)								Misc./PO#
								Analysis Required										COMMENTS
TPGW1	18109-51	11/8/18	13:10	WATER	3-1L Amber, Bulk, 40ml VOAs, ICE			X	X									
TPGW2	-52	11/8/18	13:20	↓	"		"	X	X									

Company Name: ALTA ENV INK	Project Contact: ROBERT HANSEN	Sampler's Signature:	
Address: 8280 UTICA RD, #200	Tel: (909) 476-2120	Project Name/ID: BSC-MURRIETA AREA 18738-01	
City/State/Zip: RANCHO CUCAMONGA CA 91730	Fax/Email: (909) 476-6819		

Relinquished by:	Received by:	Date & Time: 11/9/18 0955	Instructions for Sample Storage After Analysis:
Relinquished by:	Received by:	Date & Time: 11/9/18 1130	O Dispose of O Return to Client O Store (30 Days)
Relinquished by:	Received by:	Date & Time:	O Other:

CHAIN OF CUSTODY RECORD

Date: 11/8/18

WHITE WITH SAMPLE • YELLOW TO CLIENT

APPENDIX D

OTHER REMOVAL DOCUMENTATION
(RINSATE MANIFEST, TANK DESTRUCTION / RECYCLING CERTIFICATE)

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAC002986628	1	909 944-3517	019436560 JJK

GENERATOR

5. Generator's Name and Mailing Address

EQUITY OFFICE
1977 SATURN STREET
MONTEREY PARK, CA 91755

Generator's Phone: 323 430-7061 Attn: ROBERT DEL HIERRO

Generator's Site Address (If different than mailing address)

EQUITY OFFICE
1977 SATURN STREET
MONTEREY PARK, CA 91755

6. Transporter 1 Company Name: ADAMS SERVICES, INC. — U.S. EPA ID Number: CAR000189431

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address

DEMENNO/KERDOON
2000 N. ALAMEDA STREET
COMPTON, CA 90222

U.S. EPA ID Number: CAT080013352

Facility's Phone: 310 537-7100

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA HAZARDOUS WASTE LIQUID (WATER WITH TRACE HYDROCARBONS)	1	TT		G	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

AVOID EYE CONTACT & WEAR RUBBER GLOVES
ERG 128
CONTRACTOR: GEORGE BRYANT

1) WATER WITH HYDROCARBONS

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
ROBERT JORDAN		11	08	18
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

AZUSA LAND RECLAMATION

1211 W. Gladstone St, Azusa, CA 91702
Phone: 626-2249127 FAX: 626-8120801

Certificate of Material Destruction

THIS RECORD IS TO CERTIFY THAT MATERIAL RECEIVED ON NOVEMBER 08, 2018 AT 13:03 PM.
HAS BEEN DISPOSED OF ACCORDING TO LANDFILL BEST MANAGEMENT PRACTICES
AND ALL CIWMB AND LARWQCB REGULATIONS.

Generator:	Transporter	Disposal Site:
Equity Office	Adams Services, Inc.	Azusa Land Reclamation
1977 Saturn Street	1 – 10,000 gallon tank	1211 W. Gladstone St.
Monterey Park CA 91755		Azusa, CA 91702

Azusa Land Reclamation

AZUSA LAND RECLAMATION

1211 W. Gladstone St, Azusa, CA 91702
Phone: 626-2249127 FAX: 626-8120801

Certificate of Material Destruction

THIS RECORD IS TO CERTIFY THAT MATERIAL RECEIVED ON NOVEMBER 08, 2018 AT 13:49 PM.
HAS BEEN DISPOSED OF ACCORDING TO LANDFILL BEST MANAGEMENT PRACTICES
AND ALL CIWMB AND LARWQCB REGULATIONS.

Generator:	Transporter	Disposal Site:
Equity Office	Adams Services, Inc.	Azusa Land Reclamation
1977 Saturn Street	1 – 10,000 gallon tank	1211 W. Gladstone St.
Monterey Park CA 91755		Azusa, CA 91702

Azusa Land Reclamation

AMERICAN METAL RECYCLING

11150 REDWOOD AVE. • FONTANA, CA 92337
(909) 988-8000

Nº 65500

TANK DISPOSAL FORM

Date: 11/8/18
Job#
P.O.#

CONTRACTOR: Adams Services
ADDRESS: 406. E. Mondel Blvd. Coarden, Ca 90248
JOB SITE: Equity Office
ADDRESS: 1977 Saturn St. Monterey Park, Ca 91755
DESTINATION: A.M.R. 11150 REDWOOD AVE., FONTANA, CA 92337

DATE	TIME	PROJECTED TANKS	ORDERED BY:	LIC. NO.

SPECIAL INSTRUCTIONS: _____

TIME IN:
TIME OUT:

(1) 2000

✔	Services Rendered	Cost
___	Disposal Fee	
___	Extensive Loading Time	
___	Disposal Fee with Permit	
___	Fiberglass Tank Disposal Fee Per Tank	
___	Fiberglass Delivered	
___	Bobtail Disposal	
___	Cancellation Fee	

TOTAL CHARGES $

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice. Contractor's signature represents acceptance of terms for payment, and confirms that tank removal complies with State laws.

_____
CONTRACTOR'S SIGNATURE

TANKS RECEIVED

QTY	GALLONS	TYPE F*	TYPE S*	NET TONS	TOTAL
	250	☐	☐	.14	
	500	☐	☐	.21	
	550	☐	☐	.24	
	1000 - 12 ft.	☐	☐	.44	
	1000 - 6 ft.	☐	☐	.61	
	1500	☐	☐	.87	
	2000	☐	☑	.97	
	2500	☐	☐	1.14	
	3000	☐	☐	1.32	
	4000	☐	☐	1.64	
	5000	☐	☐	2.42	
	6000	☐	☐	2.84	
	7500	☐	☐	3.26	
	8000	☐	☐	3.44	
	9000	☐	☐	3.82	
	10000	☐	☐	4.33	
	12000	☐	☐	4.93	

NO. OF TANKS 1 TOTAL NET TONS

*F - FIBERGLASS *S - STEEL 105

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PUROSES ONLY.

Moises Rojo
AUTHORIZED REP.

11/8/18
DATE

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
UNDERGROUND STORAGE TANK PROGRAM

NOTICE OF VIOLATION ORDER TO COMPLY

Date: 3/27/2019 — Permit #: 892942

Contact/Owner: MS. KATRINA JONES — Site/Fac #: 006994 - 665226

Site Name: BRE CA SATURN LLC — Violation #: 91754-8

Site Address: 1977 SATURN ST — City/Zip: MONTEREY PARK, 91755

Mailing Address: SAME AS ABOVE — City, Zip:

A recent inspection of your facility revealed that the following conditions exist for petroleum underground storage tanks (USTs) which are in violation of California Health and Safety Code (H&SC) Chapter 6.7 and/or 23 California Code of Regulations (CCR) Division 3, and/or the conditions and limitations of the above permit. YOU ARE HEREBY DIRECTED to take the actions listed below on or before the following date(s) indicated:

☐ OPERATING WITHOUT A CERTIFIED / OPERATING MONITORING SYSTEM – CHSC 25292

YOU ARE HEREBY DIRECTED to have the monitoring system certified by an individual who meets the qualifications specified by this office by (Date): _____. The date of the last failure on the double-walled UST systems are to be resolved within the 45 period.

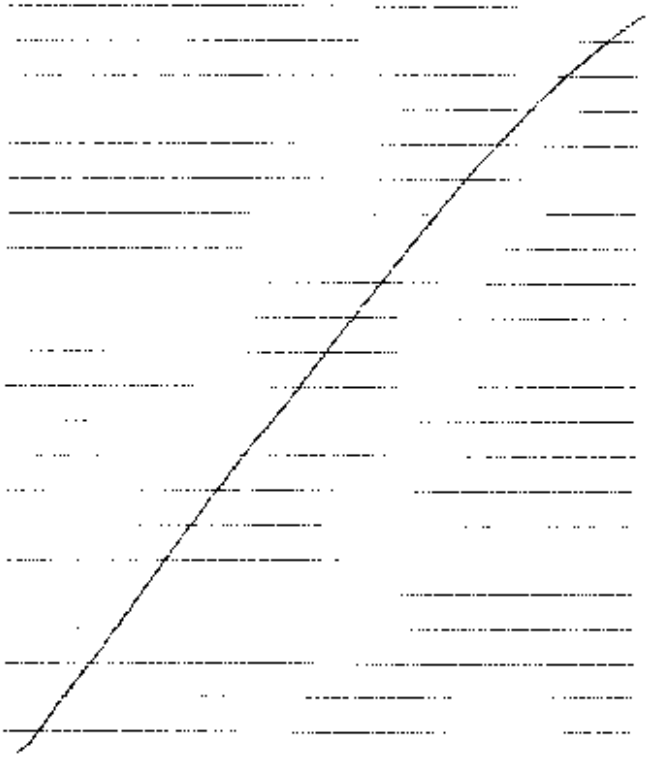
☐ MISSING TEST RESULTS / DOCUMENTS – Required testing/documents must be conducted and/or documents received by this office:

- ☐ Secondary Containment Testing
- ☐ Tank Integrity Testing
- ☐ Piping or Secondary Containment Testing
- ☐ Annual Testing
- ☐ Line Testing
- ☐ Line Leak Detector Testing
- ☐ Facility Employee Training
- ☐ Monthly Designated Operator Monitoring Form(s)
- ☐ _____

☑ REQUIRED DOCUMENTS / ITEMS MUST BE SUBMITTED TO THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) –

- ☐ Facility Information Page
- ☑ Tank Information Page
- ☐ Tank Profile
- ☑ Proof of Financial Responsibility Certificate
- ☐ Chief Financial Officer Letter
- ☐ Owner Statement of Designated Operator
- ☑ Monitoring Plan
- ☐ Response Plan
- ☐ Owner/Operator Agreement
- ☑ Current monitoring results and/or alarm history report (CERS printout)
- ☐ _____

☐ OTHER



YOU ARE HEREBY DIRECTED to submit to this office written evidence of compliance with the above directives by the later of the following: sixty days from the date on this Notice, or any other specific date above. Failure to comply with the underground storage tank laws and regulations may subject you to a civil penalty of not less than $500 or more than $10,000 or by one year in county jail or both. Finally, pursuant to Title 23 of the Los Angeles County Code, Section 7.24.040 and H&SC 25299.76, it is a misdemeanor to violate any of the laws and regulations governing USTs, including provisions of CHSC, Division 20, Chapter 6.7 and 23 CCR, Division 3, Chapter 16. Failure to comply with this Notice may therefore result in criminal prosecution. Furthermore, a notice of violation may be imposed to recover the cost incurred by this Department in the enforcement of this.

If you have any questions regarding this matter, please contact: ANDISH DEHBASHI
[ ] Monday through Friday, 8 a.m. to 3:30 p.m. or [ ] Monday through Thursday, 7 a.m. to 5:30 p.m. at (626) 430-7631

Issued by: _____
Print Name

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
EAST LOS ANGELES DISTRICT OFFICE
4991 E. 3RD STREET
LOS ANGELES, CA 90022-1631

Receipt of a copy of this report acknowledged by:

Print Name: SENT VIA EMAIL TO KATRINA JONES — Title: GENERAL MANAGER

Signature: KATRINA_JONES@BRE.COM — Date: 3/27/19 (ATTEMPTED DELIVERY RECEIPT)

UR-2033 DPW Rev. 05/13

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
http://dpw.lacounty.gov

MARK PESTRELLA, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE
REFER TO FILE EP-1
006994-065226

April 27, 2020

Mr. Dean Christian
BRE CA SATURN LLC
1977 Saturn Street
Monterey Park, CA 91755-7418

Dear Mr. Christian:

HAZARDOUS SUBSTANCES UNDERGROUND STORAGE
CLOSURE/SITE ASSESSMENT REPORT
CLOSURE APPLICATION NO. 905166
FACILITY LOCATED AT 1977 SATURN STREET, MONTEREY PARK (3M)

This office reviewed the soil sampling report dated December 7, 2018, for the subject facility.

Pursuant to the California Health and Safety Code, Division 20, Chapter 6.7, Section 25297(b), and since the California Regional Water Quality Control Board (CRWQCB) is the lead agency for the subject facility mitigation, we are referring this matter to the said agency. For further information regarding the CRWQCB's requirements, please contact Mr. Yue Rong at 320 West 4th Street, Suite 200, Los Angeles, CA 90013-2343, (213) 576-6710. Any future requirements are subject to the direction and approval of the CRWQCB.

Please submit all future correspondences to the CRWQCB with a copy sent to this office.

If you have any questions, please contact me or you staff may contact Mr. John Awujo at (626) 458-3507 or JAWUJO@pw.lacounty.gov, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

MARK PESTRELLA
Director of Public Works

TIM SMITH
Senior Civil Engineer
Environmental Programs Division

TS:ak
R:\SEC\AK\EPD\CHRISTIAN 050320
cc: ALTA EM Inc. (Robert Hansen)
California Regional Water Quality Control Board, Los Angeles Region (Yue Rong)

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
http://dpw.lacounty.gov

MARK PESTRELLA, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE
REFER TO FILE EP-1
006994-065226

April 27, 2020

Mr. Yuo Rong
California Regional Water
Quality Control Board
320 West 4th Street, Suite 200
Los Angeles, CA 90013-2343

Dear Mr. Rong:

HAZARDOUS SUBSTANCES UNDERGROUND STORAGE
CLOSURE/SITE ASSESSMENT REPORT
CLOSURE APPLICATION NO 905166
1977 SATURN STREET, MONTEREY PARK (3M)

This office reviewed the soil sampling report dated December 7,2018. for the subject facility.

Pursuant to the California Health and Safety Code, Division 20, Chapter 6.7, Section 25297(b), and since the California Regional Water Quality Control Board is the lead agency for the subject facility mitigation, we are referring this matter to your agency for further action. We request that all future correspondence regarding this matter be sent to your office with a copy sent to this office.

If you have any questions, please contact me or your staff may contact Mr. John Awujo at (626) 458-3507 or JAWUJO@pw.lacounty.gov, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

MARK PESTRELLA
Director of Public Works

TIM SMITH
Senior Civil Engineer
Environmental Programs Division

TS:ak
P:\SEDAK\LETTERING\C05030

cc: ALTA EM, Inc. (Robert Hansen)

FORM VALID JULY 1, 2017 TO JUNE 30, 2018

DPW USE ONLY
SITE FILE NO. 699A-65221 AREA 3M
APPLICATION NO. A-591788
NEW PERMIT NO. P-592442
DATE RECD 5/31/18 BY gdl

APPLICATION FOR TRANSFER OF HAZARDOUS SUBSTANCES UNDERGROUND STORAGE PERMIT
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
Environmental Programs Division
900 South Fremont Avenue, 3rd Floor Alhambra Building
Alhambra, CA 91803-1331
(626) 458-3517 FAX (626) 458-3541

Pursuant to Los Angeles County Code Title 11, Division 4, Section 11.80.170 application is hereby made for the transfer of ownership of an existing Hazardous Substances Underground Storage Permit (Permit) or Unified Program (UP) Facility Permit which incorporates Underground Storage Tanks (USTs).

COMPLETE THE FOLLOWING.

Date of Transfer _____ California Environmental Reporting System (CERS) ID# _____

New Facility Name _____

Facility Address _____ City _____

Assessor Parcel Number (APN) Map Book No _____ Page No _____ Parcel No _____

New Permittee name _____ Number of USTs _____

Email Address _____ Existing Permit No _____

THE NEW PERMITTEE IS:

☐ UST Owner and Operator ☐ UST Owner Only ☐ UST Operator Only
☐ Unified Program facility owner and operator (complete below)
☐ Unified Program facility owner only

IF UST OPERATOR IS NOT THE UST OWNER, AND IS NOT NAMED ON THE UNIFIED PROGRAM FACILITY PERMIT, COMPLETE THE FOLLOWING:

UST Operator Name _____ Telephone _____

UST Operator Address _____ State _____ Zip _____

***No fee required to notify of operator change if not replacing a person named in the Unified Program Facility Permit ***

This Application for Transfer must be signed and accompanied with the following:

- **OPERATING PERMIT TRANSFER FEE PAYABLE TO: "COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS"**

APPLICATION FOR TRANSFER FEE **$658.00** ( ) CASH ( ) CHECK # 137070

- SUBMIT TO CERS UST FACILITY DATA
- SUBMIT TO CERS UST TANK FORM DATA (ALL USTS)
- SUBMIT TO CERS UST MONITORING PLAN DATA
- SUBMIT TO CERS DESIGNATED OPERATOR FORM
- SUBMIT TO CERS FINANCIAL RESPONSIBILITY FORMS
- SUBMIT TO CERS RESPONSE PLAN FORM

BY SIGNING BELOW, THE PERMIT TRANSFER APPLICANT ACKNOWLEDGES HAVING READ ALL CONDITIONS FOR TRANSFER ON THE REVERSE SIDE OF THIS FORM, AGREES TO COMPLY WITH THE CONDITIONS AND LIMITATIONS OF AND ASSUMES THE OBLIGATIONS OF THE HAZARDOUS SUBSTANCE UNDERGROUND STORAGE PERMIT OR UNIFIED PROGRAM FACILITY PERMIT FOR WHICH TRANSFER IS REQUESTED.

SIGNATURE _____ TITLE _____

PRINT NAME _____ DATE _____

Complete Certification of Compliance with Los Angeles County Lobbyist Ordinance on back

INSTRUCTIONS

Hazardous Substances Underground Storage Permit (Permit) Application for Transfer Supplement

This Application for Permit Transfer form is to be used only for the transfer of an existing Permit or underground storage tank (UST) authorized under a Unified Program (UP) Facility Permit to a new owner or operator of a facility within the jurisdiction of the County of Los Angeles Department of Public Works (DPW).

The new Permit owner must complete and submit an Application for Transfer and Transfer Fee to DPW within 30 days of transfer. The application must be accompanied with uploaded UP form data to the California Environmental Reporting System (CERS), Business Portal: https://cers.calepa.ca.gov/ including all UP - UST FACILITY INFORMATION data, UP UST TANK INFORMATION data, UP UST MONITORING PLAN data, as well as uploaded and signed DESIGNATED OPERATOR FORM, FINANCIAL RESPONSIBILITY FORM (petroleum USTs), and UST RESPONSE PLAN FORM.

By applying for transfer of an existing Permit, the new Permit owner agrees to assume all obligations under the existing Permit including all fee installments, installation and maintenance of approved monitoring systems, and all reporting requirements. **IT IS THE APPLICANTS RESPONSIBILITY TO DETERMINE IF DELINQUENT FEES OR OTHER OUTSTANDING SUBMITTAL REQUIREMENTS, INCLUDING VIOLATION CORRECTIONS, ARE OWED TO DPW OR CUPA.**

The DPW may review and modify, or terminate the Transfer of Permit if it is determined the facility is not providing or threatens not to provide for the safe underground storage of hazardous substances.

The owner or operator of USTs shall monitor the facility using the method specified in the Permit. If the permittee of a facility is not the UST owner or UST operator, the Permittee shall provide a copy of the Permit to both the owner and operator. If the Permittee is a person other than the UST operator of the USTs, that person shall do all of the following: a) enter into a written contract with the UST operator which requires the UST operator to monitor the USTs as set forth in the Permit, b) provide the UST operator with a copy of California Health and Safety Code, Division 20, Chapter 6.7 and California Code of Regulations Title 23, Division 3, Chapter 16, and c) inform DPW within thirty (30) days of any change of UST operator.

The Permit annual maintenance fee will be billed under the County of Los Angeles Certified Unified Program Agency (CUPA) Consolidated Permit (Los Angeles County Code Title 12, Section 12.50.070) the following Fiscal Year (July 1 to June 30) to the Permittee authorized here, unless other specific arrangements have been approved by the DPW and CUPA. Regardless of billing arrangements, the UST owner is responsible for insuring payment of all fees and compliance with all monitoring requirements.

The Permittee, UST owner and UST operator shall comply with provisions of California Health and Safety Code, Division 20, Chapter 6.7, California Code of Regulations Title 23, Division 3, Chapter 16 and Chapter 18, and Los Angeles County Code, Title 11, Division 4.

CERTIFICATION OF COMPLIANCE WITH
LOS ANGELES COUNTY LOBBYIST ORDINANCE

I hereby certify that the person applicant for the project listed at

LOCATION ADDRESS

am in full compliance with the requirements of Los Angeles County Code, Chapter 2.160 et seq., relating to the Los Angeles County Lobbyist Ordinance and that no person acting on behalf of myself has supplied and will subsequently supply any gift through the application process.

PRINT NAME

SIGNATURE

COMPANY NAME (if employed by a private company)

DATE

Further assistance may be obtained by calling Public Works' Customer Service Center at (626) 458-5100 or visiting the Public Works' website at http://dpw.lacounty.gov. You may also visit our offices at:

Submittals Facilities Businesses Regulations Compliance Responsibilities Reports

UST Facility Operating Permit Application: BANK OF THE WEST

Submittal Event Log History

Submitted for CERS ID [illegible] on 6/6/2018 8:46AM by [illegible]

Submittal Status

Submitted

Facility Information

BANK OF THE WEST
1377 SAN GABRIEL
MONTEREY PARK, CA 91755

Facility Type:
Other

EDF Number:
4405205

Is the facility located on a Reservation/Trust lands?
No

Property Owner

Owner Name Phone
BRE CA Saturn, LLC 818.334.2241

Mailing Address
901 N Brand Ave Suite 220

City State ZIP/Postal Code Country
Glendale CA 91203 United States

Tank Operator

Name Type
George Bryant Construction 909-949-3617

Mailing Address
9335 Oakview St

City State ZIP/Postal Code Country
Alta Loma CA 91737 United States

Tank Owner

Owner Name Phone
BRE CA Saturn, LLC 818.334.2241

Mailing Address
901 N Brand Ave Suite 220

City State ZIP/Postal Code Country
Glendale CA 91203 United States

Tank Owner Type:
Non-Government

Permit Holder Information

Permit Holder Facility Information
Tank Owner

Supervision of Division, Section, or Office (Required for Public Agencies Only)

Financial Responsibility Mechanism(s)

Indicate which financial mechanism(s) are being used to show financial responsibility (check all mechanisms that apply to this facility) pursuant to CFR Part 280, Subpart H, Section 280.93 Paragraph 280.93(a) or HSC Title 23, Division 3, Chapter 18, Section 25299.3

Self-Insurance	Surety Bond	State Fund or Other Mechanism	Other Guarantee
No	No	No	No
Guarantee	Letter of Credit	State Fund or Other	
No	No	No	
Insurance	Exemption	Local Government Mechanism	
Yes	No	No	

Prepared By: Patricia Jones on 5/23/2018 10:11 AM
Last Updated By: Patricia Jones on 5/23/2018 10:11 AM

Validate Submittal

FORM VALID JULY 1, 2018 TO JUNE 30, 2019

DPW USE ONLY:
SITE FILE NO. 6994 – [illegible]
APP [illegible] AREA 3M
CHECK [X] CASH [ ] OTHER [ ]
FEE $ 1,161.00

CLOSURE AUTHORIZATION FOR HAZARDOUS SUBSTANCE UNDERGROUND STORAGE TANKS

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS (DPW)
Environmental Programs Division
900 South Fremont Avenue, 3rd Floor Annex Building
Alhambra, CA 91803-1331
Phone Number (626) 458-3517, Fax Number (626) 458-3509
www.dpw.lacounty.gov/epd

CLOSURE REQUESTED: [illegible]

- [X] PERMANENT UST REMOVAL
- [ ] PERMANENT UST CLOSURE "IN-PLACE" - Attach Justification Statement
- [ ] TEMPORARY CLOSURE
- [ ] OTHER (ONLY PIPING UNDER DISPENSER CONTAINMENT ETC.) EXPLAIN _____

ATTACH PLOT PLAN Show existing tanks, piping and adjacent structures, etc. No scales.

FACILITY Californa Environmental Reporting System (CERS) ID: _____ DATE INFORMATION SUBMITTED TO CERS: _____

HOW MANY UNDERGROUND STORAGE TANKS WILL REMAIN AFTER THIS CLOSURE? 0 EXISTING HSUSP NUMBER 6[illegible]

Who is operating the UST(s)? [ ] UST OWNER/OPERATOR OR [X] CONTRACTOR

Email address of UST owner/operator or recipient: Con@georgebryantcorp.com

FACILITY TO BE CLOSED (VERIFICATION FOR NOTIFICATIONS):

Facility Name: Equity office Phone: 909 944 3517

Facility Address: 1972 Saxony St City: Montebello Zip: 91755

Tank Owner Contact: Maya Collins Title: Property Manager

Contractor Name: George Bryant Construction Phone: 909 944 3517

Contractor License No.: 718966 Class(s): A B C21 C22 HAZ

"Cumulative Fee for Hazardous Substance Removal Derived "Tier" per California Business & Professions Code, Division 3, Chapter 9, Article 4, §7059.1 (a)"

NUMBER OF USTs TO BE CLOSED	UST I.D. NO. (DPW USE ONLY)	CAPACITY GALLONS	SUBSTANCE STORED (AS PER PERMIT)	CLOSURE FEE
1	1	2K	Diesel	$1,161.00
2	2	10K	Diesel	$1,161.00
3	3	10K	Diesel	$1,161.00
4				$1,829.00
5				$2,497.00
5+ ATTACH LIST				$330.00 - $660.00 per UST* =

Closure of Underground Storage Tanks (USTs) shall be in compliance with Los Angeles County Code Title 11, Division 4

COMPLETE SURVEY:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[X]
Was a structural repair ever been made in these underground storage tanks?	[ ]	[X]
Will new underground storage tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES IN TANKS TO BE CLOSED, MAY BE HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE DIVISION 20, CHAPTER 6.5 AND MUST BE REPORTED IN THE CLOSURE REPORT. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below, you certify that all statements and disclosures above are true and correct. You have read and agree to abide by this authorization and all conditions and limitations on the back are attached.

Authorized Recipient (Print Name): Ronald Franklin Phone: 909 944 3517

Recipient's Signature: [signature] Date: 10/25/18

Recipient is: UST Owner [ ] UST Operator [ ] or Contractor [X] Written authorization is required for contracts made on behalf of owner or operator.

To be completed by DPW staff or Public Agency

PURSUANT TO SECTION 11.90.470B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS.

THIS AUTHORIZATION EXPIRES: 04/23/2019 ***SEE ATTACHMENTS***

MARK PESTRELLA
Director of Public Works

By: [signature] Date: 10/25/2018

UNDERGROUND STORAGE TANKS
CLOSURE INFORMATION

1. This authorization to temporarily or permanently close an underground storage tank (UST) pursuant to Los Angeles County Code, Title 11, Division 4. This authorization may also be used for product piping removal associated with an existing or removed USTs.

2. This authorization will not be approved unless a valid Hazardous Substance Underground Storage Permit (HSUSP) application is on file with the DPW or an Unified Program Facility Permit has been issued by the Certified Unified Program Agency (CUPA).

3. Submittals, including this authorization, made on behalf of the UST owner, operator, or Unified Program permit owner or operator shall be accompanied by written authorization.

4. USTs closed on site, by removal, or cleaning and filling with an inert solid substance prior to January 1, 1984, need not comply with current closure requirements. However, contaminations related to these USTs must be reported and investigated.

5. All work shall be carried out in full compliance with all applicable federal, state and local laws, ordinances, rules and regulations.

6. All fees due to DPW and/or to the CUPA for the operation and maintenance of the facility subject to closure through the date of closure shall be paid in full.

7. Closure authorizations are site specific and may be subject to additional sampling and site characterization requirements as necessary to protect the public health and safety, underground and surface water supplies, and may include requirements requested by Federal, State or other regulatory agencies.

8. All inspection notification(s) shall be made as directed by the attached conditions of this approval.

9. Within 30 days after closure, all requirements of this Closure authorization shall be furnished to the DPW in a closure report per the DPW Closure Report Requirements and Supplements, describing all work completed, results of any required sampling, disposition of any contaminated soils or substances found and any other requirements made part of the closure application as well as submittal to the CERS database of the Unified Program UST FACILITY and UST TANK information for each UST permanently closed. http://cers.calepa.ca.gov/

10. In all cases, closure authorizations expire 180 days from the date of issue unless otherwise specified. It is the responsibility of the owner or operator to make sure that the final report contains the required information and is submitted to the DPW within 30 days from the sampling date or 180 days from the date of the permit issuance, whichever is earlier. The total number of tanks listed on the HSUSP or UFP Permit and the yearly annual permit maintenance billing will remain unchanged until the closure report is received by the DPW. Only one copy of the closure report needs to be submitted, unless others are directed.

11. This Closure Authorization is considered complete when all requirements of this Closure Authorization and the Permit have been met.

12. The DPW will review the closure report and will issue closure certification with no further action when all requirements of this Closure Authorization and Permit have been met, and where no unauthorized release has been found.

13. If an unauthorized release has occurred or any detected constituent in soil or groundwater is found above the method detection limit of an analytical method as identified in the laboratory testing requirements, reporting of this unauthorized release must comply with the Health and Safety Code Division 20, Chapter 6.7.

14. Where an unauthorized release has occurred, referral of the closure report will be made to a Regional Water Quality Control Board or State Water Resources Control Board who will then provide further direction until closure certification is issued.

15. All correspondence related to this closure authorization shall include the SITE-FILE numbers listed on the front of this document found in the upper right box and be addressed to the following location:

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 SOUTH FREMONT AVENUE
ALHAMBRA, CA 91803-1331

CERTIFICATION OF COMPLIANCE WITH
LOS ANGELES COUNTY LOBBYIST ORDINANCE

I hereby certify that I am the applicant for the project located at 1922 Saturn ST. Monterey Park, CA
(LOCATION ADDRESS)

and familiar with the requirements of Los Angeles County Code, Chapter 2.160 as amended by the Los Angeles County Lobbyist Ordinance and I, the person acting on behalf of myself, have complied and will continue to comply therewith throughout the application process.

Ronald Franklin
APPLICANT (PRINT NAME)

[signature]
APPLICANT SIGNATURE

George Bryant Construction
COMPANY NAME (If employed by an entity/agency)

10/23/15
DATE

If you suspect fraud or wrongdoing by a County employee, please report it to the County Fraud Hotline at 1-800-544-6861 or http://fraud.lacounty.gov/. You may remain anonymous.

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the County of Los Angeles Department of Public Works, Environmental Programs Division, P.O. Box 1460, Alhambra, California 91802-1460, containing:

1. File number of facility and closure permit number.
2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.
3. Description of methods for obtaining, handling, and transporting samples.
4. Time and date samples were obtained.
5. Soil sampling certification (including but not limited to soils classification, boring logs, sample procedures, sample locations, initiating chain-of-custody, and groundwater location) for Underground Storage Tank closure shall be certified by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils. The certification must clearly state that all work was performed under the supervision of the person signing.
6. Chain-of-custody documentation initiated by person obtaining sample through person at a California Department of Health Services certified laboratory.
7. Disposal destination of tanks and evidence of legal disposal.
8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction, and methods of analysis.
9. Documentation as to depth of groundwater at facility.
10. Manifests to document hazardous waste disposal of any removed soil and tank rinsate.
11. Evidence of legal disposal of soils designated as nonhazardous.
12. Any observations of site contamination.
13. Report to be signed by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils.
14. Submit to the California Environmental Reporting System (CERS) the date the UST was permanently closed for all tanks removed or closed in-place.

Print Name Ronald Frantsen

Signature _____ Date 10/25/12

CERS Business

Home | Submittals | Facilities | Compliance | My Business

UST Facility Operating Permit Application:

Home » Prepare Submittal » UST: UST Facility Operating Permit Application (Draft)

You must complete this form within 30 days of all new permits, permit changes, or facility information changes. You will also need to update/confirm your tank monitoring plan and other pertinent UST-related forms.

All facilities **must** provide a BOE Number - valid numbers are 8 digits long starting with the numbers 44 . State and federal facilities should use 44032062. If **ALL** underground tanks at your facility **ONLY** contain NON petroleum productions, you can provide this generic BOE Number: 44000000. Contact your local regulator if you are unsure what number to provide.

The former paper version of this form was called "UST - Operating Permit Application-Facility Information" (Form A)

More information about UST Financial Responsibility Mechanisms is available at the Water Board's Underground Storage Tank Cleanup Fund Finance & Responsibility web page.

Click this field to reflect permanent UST closure.

Save | Cancel

Type of Action

Confirmed/Updated Information | New Permit | Renewal Permit | Temporary Facility Closure | (•) Permanent Facility Closure | Transfer Permit

Facility Information

EXAMPLE FACILITY

Facility Type *

Motor Vehicle Fueling | Fuel Distribution | Farm | Processor | Other

BOE Number *

Is the facility located on Indian Reservation/Trust lands? *

Yes | No

Property Owner

Owner Name * | Phone *

Tank Operator

Tank Operator Name * | Phone *

Mailing Address *

City | State | ZIP/Postal Code

Country *

United States | For International Addres...

Tank Owner

Owner Name * | Phone *

UST Tank Information/Monitoring Plan: [redacted]

Use this form to enter data for new UST systems or revise data for an existing UST system. You must complete a separate form for each affected tank. For tanks that are part of a compartmentalized unit, each compartment is considered a separate tank. This information is required within 30 days of permit or facility information changes, unless your local agency requires approval prior to making the changes.

The hard copy paper version of this form was called "UST Operating Permit Application–Tank Information" (Form B).

Cancel

Type of Action

Type of Action (UST Tank) *

Confirmed/Updated Information | New Permit | Renewal Permit | Temporary UST Closure | UST Permanent Closure on Site | • UST Removal

Facility Information

EXAMPLE FACILITY

Enter this date after the UST has been removed.

Click this field to reflect permanent removal of the UST.

Tank Description

Tank ID # *

Tank Manufacturer *

Tank Capacity in Gallons *

Date UST System Installed *

Date Existing UST Discovered *

Date UST Permanently Closed *

Tank Configuration *

A Stand-alone Tank | One in a Compartmented Unit

Number of Compartments in the Unit *

Additional Description *

Tank Use and Contents

Tank Use *

Motor Vehicle Fueling
Marina Fueling

Tank Contents *

Regular Unleaded
Premium Unleaded

Tank Construction

Type of Tank *

Single Wall | Double Wall | Unknown

EO Office

TO
Los Angeles County of Public Works

RE
1977 Sunset Street, Monterey Park, CA 91755

On behalf of our company, we authorize Ron Peralta with Mongo Tripod Construction, Inc. to obtain an underground storage tank removal permit.

Maggie Collins
Property Manager
mcollins@eqo.tribe.com
909-778-0200

1981 Business Center
Suite 400
Riverside, CA 92507
(855) 367-8329

CONTRACTORS
STATE LICENSE BOARD
ACTIVE LICENSE

License: **718466** Type: CORP

Business: **GEORGE** BRYANT CONSTRUCTION INC

Classification(s): A B C21 ASB HAZ C22

Expiration: 02/29/2020 www.cslb.ca.gov

GEORBRY-01

CERTIFICATE OF LIABILITY INSURANCE

DATE (M
8/16

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLD
CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE
BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUT
REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be
If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A stat
this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER License # 0E67768
Legends Environmental Ins. Services
130 Vantis
Suite 250
Aliso Viejo, CA 92656

CONTACT NAME: Aimee Paiva
PHONE (A/C, No, Ext): (916) 692-7008 53008 FAX (A/C, No): (916) 47
E-MAIL ADDRESS: Aimee.Paiva@ioausa.com

INSURER(S) AFFORDING COVERAGE
INSURER A : United Specialty Insurance Company 1
INSURER B : State National Insurance Company, Inc 1
INSURER C :
INSURER D :
INSURER E :
INSURER F :

INSURED
George Bryant Construction, Inc.
9330 Golden Street
Alta Loma, CA 91737-2821

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POL
INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO W
CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL TH
EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	X COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE $
	CLAIMS-MADE X OCCUR	X		USA4223020	07/01/2018	07/01/2019	DAMAGE TO RENTED PREMISES (Ea occurrence) $
	X CPL						MED EXP (Any one person) $
							PERSONAL & ADV INJURY $
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE $
	POLICY X PRO-JECT LOC						PRODUCTS - COMP/OP AGG $
	OTHER						$
A	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) $
	ANY AUTO			USA4223020	07/01/2018	07/01/2019	BODILY INJURY (Per person) $
	OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident) $
	X HIRED AUTOS ONLY / X NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident) $
							$
A	UMBRELLA LIAB X OCCUR						EACH OCCURRENCE $
	X EXCESS LIAB CLAIMS-MADE			USA4223021	07/01/2018	07/01/2019	AGGREGATE $
	DED RETENTION $						$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						X PER STATUTE / OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N / N/A			NPA0867821	07/01/2018	07/01/2019	E.L. EACH ACCIDENT $
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE $
A	Professional Liab			USA4223020	07/01/2018	07/01/2019	E.L. DISEASE - POLICY LIMIT $ Per Claim

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Professional Liability is written on a Claims Made basis.

DOSH Certificate #351
Contractor's License No. 719866

5470 Asbestos Abatement-All Operations-Including Shop included on Workers' Comp policy.

SEE ATTACHED ACORD 101

CERTIFICATE HOLDER

DOSH, Asbestos Contractor Registration Unit
2424 Arden Way, Suite 495
Sacramento, CA 95825-2417

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED
THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVE
ACCORDANCE WITH THE POLICY PROVISIONS

AUTHORIZED REPRESENTATIVE

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CLOSURE – UNDERGROUND STORAGE TANKS

CONDITIONS A – GENERAL

1. Closures shall be carried out such that all applicable regulations from the following agencies are complied with: Los Angeles County, Department of County Engineer – Facilities; Los Angeles County Fire Department, Fire Prevention Division; or the appropriate City Fire Department; South Coast Air Quality Management District and Los Angeles County Department of Health Services.

2. The County Engineer and Fire Departments shall be notified in advance of any closure in accordance with the following:

   a. Removal of tank shall require a three (3)-business day advance notification.
   b. Permanent closure of a tank in place or a temporary closure shall require a 30-written notification.

3. Consult current fee schedule for costs.

4. All abandoned wells shall be destroyed in such a way that they will not produce water or act as a channel for interchange of water, when such interchange may result in deterioration of the quality of water in any or all water bearing formations penetrated, or present a hazard to the safety and well-being of people and animals.

5. A well destruction permit issued by the Los Angeles Department of Health Services shall be required for all wells requiring a permit for their construction.

6. Well destruction shall be accomplished according to methods described in the latest "Water Well Standards: State of California" by the Department of Water Resources, contained in Bulletin 74 – 81 December 1981, or any other methods that will provide equivalent or better protection.

7. Plans for the decontamination of a facility shall be submitted to the County Engineer for approval no later than 30 days before the commencement of such operations. Other agencies having jurisdiction shall also be notified. These agencies the California Regional Water Quality Board, the Los Angeles County Department of Health Services, and the South Coast Air Quality Management District.

8. Decontamination shall require the following, as a minimum:

   a. Cleaning operation shall be done under the supervision of persons who understand the hazardous potential of the stored liquid stored and its components.
   b. The personnel shall be sufficiently skilled to safely carry out such operation.
   c. Contaminated materials removed from each facility shall be disposed of at legal point of discharge.
   d. The operation shall be carried out in a manner that will not endanger the health of the public and the environment.

CONDITIONS B – TEMPORARY

1. All temporary closures shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, "Abandonment or Removal of Underground Tanks," Part A and any other applicable Parts.

2. A temporary closure shall not exceed 180 days.

CONDITION C – PERMANENT TANK (S) REMOVAL

1. All tank removals shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Part D and any other applicable Parts.

2. Owners/operators shall notify the Building Department having jurisdiction at the place of removal if a grading permit is necessary.

3. Removed tanks shall not be transported away from the site until an inspection to establish soil integrity is carried by the County Engineer.

4. If an appointment has been arranged with a County Engineer Inspector to inspect the removal of a tank, the inspector will only wait at the site a reasonable amount of time (approximately one hour) after arriving for the removal to commence. Another closure fee may be charged if the inspector has to return to the site.

5. After inspection, tanks shall be transported to a legal disposal point.

6. If the tank has stored operations other than motor fuel, fuel oil or waste oil, the integrity shall be demonstrated using the soil sampling and analysis procedures described in CONDITIONS D below.

7. The site shall be filled and compacted to the above ground level.

CONDITIONS D – PERMANENT

1. All permanent closures of tanks in place shall comply with Los Angeles County Fire Department, Fire Prevention Division Supplement #A – Inspection Guide #6, Parts B to G, and any other applicable Parts.

2. Owners/operators shall demonstrate soil integrity as follows:

   a. Test borings shall be strategically drilled to intercept a point beneath the center of the tank, if possible. If such drilling is not feasible, the test boring may be drilled vertically and the reason stated in the report in 2.b. below.
   b. For single tanks, a minimum of two test borings will be required, each located on opposite sides of the tank along the longer axis of the tank.
   c. For multiple tanks, as a minimum, borings shall be placed at 20-foot intervals around the tank cluster. The actual number and location of borings shall be evaluated on a case-by-case basis. Tanks separated by 20 feet or more shall be considered single tanks for the purposes of test location and placement.
   d. Soil samples shall be taken at depths of 5, 10, 20, 30 and 40 feet below grade level.
   e. A Shelby Tube or a Modified California Sampler shall be utilized for taking all soil samples.
   f. Soil samples shall not be extruded in the field but are to be immediately placed in a refrigerated ice chest and transported to a state certified laboratory for analysis, using suitable methods.
   g. A report containing the results of the above analysis shall be submitted to the County Engineer.

3. If the soil analysis in 2. above indicates the presence of contaminants the County Engineer shall require a site investigation as described in Chapter V of the County's "Underground Storage of Hazardous Materials – Guidelines."

4. A report shall be submitted to the County Engineer containing the results of the site investigation.

CLOSURE APPLICATION SUPPLEMENT
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

PART 1 OF 3

FOR OFFICE USE ONLY
SITE/FACILITY NO. 6494-[illegible]
APPLICATION NO. 4C5[illegible]

To satisfy the permanent closure requirements for underground storage tanks storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

***** Soil sampling will be required for Vent and Vapor Recovery piping for UST systems installed after July 1, 2003. *****

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1A, 1B	2nd feet beneath	TPHD	8015M
2A, 2B	[illegible]	BTEX, MTBE	8260B
3A, 3B		Fuel Oxygenates	
		Organic lead	DOHS Meth.
1 sample	Soil feet below	[illegible]	Same as
	[illegible]	above	above
1 sample	2nd feet below	[illegible]	Same as
	[illegible]	above	above

[illegible]

Continued on Page 2

3. All soil samples obtained shall be discrete, undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date/time of sampling shall be included in the final report.

4. Conform to the analytical requirements table below for petroleum hydrocarbon sites. Apply EPA Method 5035 specified in the USEPA SW-846, version III (12/1996) for soil sample preparation and preservation in order to minimize volatile organic losses. Use the sample collection devices, or equivalent, specified in the method (e.g., the Encore™ sampler). If the Encore™ sampler is used, analyze sample within 48 hours from the collection. Analyze sample within 10 days for soil samples stored under frozen conditions.

UST CONTENTS	Analyte	Analytical Method	Required MDL: Soil (mg/kg)	Required MDL: Water (ug/L)
GASOLINE OR DIESEL	Total Petroleum Hydrocarbons (TPH) - Gasoline	EPA Method 8015 (M)	100-200	50-100
	Total Petroleum Hydrocarbons (TPH) - Diesel	EPA Method 8015 (M)	1000	500
	Benzene	EPA Method 8260B (8021B)	1	0.5
	Toluene	EPA Method 8260B (8021B)	1	0.5
	Ethylbenzene	EPA Method 8260B (8021B)	1	0.5
	Xylenes (total)	EPA Method 8260B (8021B)	1	0.5
	Methyl Tertiary Butyl Ether (MTBE)	EPA Method 8260B	2	1
	Diisopropyl ether (DIPE)	EPA Method 8260B	2	1
	Ethyl tertiary butyl ether (ETBE)	EPA Method 8260B	2	1
	Tertiary amyl methyl ether (TAME)	EPA Method 8260B	2	1
	Tertiary butyl alcohol (TBA)	EPA Method 8260B	20	10
	Ethanol	EPA Method 8260B	200	100
	Methanol	EPA Method 8015 (M)	500	500
WASTE OIL	Total Recoverable Petroleum Hydrocarbons (TRPH) - Waste Oil	EPA Method 418.1 EPA Method 8260B	1000	500
OTHER, UNKNOWN	UST Permitted Contents, all VOC's (EPA Method 8260) + To Be Determined			

Continued on Page 3

5. All soil/groundwater samples shall be analyzed by a laboratory approved by the California Environmental Accreditation Laboratory Program (ELAP).

6. Analytical results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted, b) The method of extraction (if applicable); c) Detection limits for each analytical procedure and determination; d) The method of analysis; e) Signature of chemist certifying results.

7. All soil/groundwater samples obtained shall be handled and transported to laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.

9. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

10. A final report that contains all of the above required information shall be submitted to the office above within one (1) month form the sampling date or 180 days from the date of this permit, whichever is earlier.

11. All electronic data shall be submitted to the State Water Resources Control Board Geotracker database.

STATE OF CALIFORNIA
California Regional Water Quality Control Board
Los Angeles Region
(Underground Storage Tank Program)

General Laboratory Testing Requirements for Petroleum Hydrocarbon Impacted Sites

The purpose of this document is to supplement the Regional Board's Laboratory Report Form (6/00) in order to update obsolete testing requirements and set forth the new requirements for fuel oxygenates and natural attenuation testing. Each analytical method used must be certified by the California Environmental Accreditation Laboratory Program (ELAP).

1. General Laboratory QA/QC Requirements

Conform to the Regional Board's Laboratory Report Form (6/00) in general, except for items specified below.

2. Compounds to be Tested

Total petroleum hydrocarbons in gasoline range (TPH[g]) (C4 – C12); Total petroleum hydrocarbons in diesel range (TPH[d]) (C13 – C22); benzene, toluene, ethylbenzene, xylenes (BTEX); methyl tertiary butyl ether (MTBE); di-isopropyl ether (DIPE); ethyl tertiary butyl ether (ETBE); tertiary amyl methyl ether (TAME); tertiary butyl alcohol (TBA). If the gasoline tanks historically or currently contain methanol or ethanol, these compounds are also to be tested.

3. Analytical Test Methods and Detection Limits

Conform to Table 1 below. Report any concentration detected between the method detection limit (MDL) and estimated quantitation limit (EQL) or reporting limit (RL) in a numerical value with a "J" flag indicator. All "Non-Detect" (ND) shall be reported in the format with "< (numerical MDL)." Integrate all fuel oxygenate additive concentrations into total petroleum hydrocarbons (TPH) and report it as TPH. EPA Method 8021B may be used to substitute EPA Method 8260B at the sites where all fuel oxygenates have not been identified by EPA Method 8260B in soil and/or groundwater.

Table 1: Analytical Requirements

		Required MDL (Method detection limit)	
Analyte	Analytical Method	Soil (µg/kg)	Water (µg/L)
BTEX	EPA Method 8260B(8021B)	1	0.5
MTBE	EPA Method 8260B	2	1
DIPE	EPA Method 8260B	2	1
ETBE	EPA Method 8260B	2	1
TAME	EPA Method 8260B	2	1
TBA	EPA Method 8260B	20	10
TPHg	Cal-LUFT GC/FID or GC/MS	100-200	50-100
TPHd	Cal-LUFT GC/FID	1000	500
Methanol	Cal-LUFT GC/FID	1000	500
Ethanol	Cal-LUFT GC/FID(EPA8260B)	500	250

4. Use of EPA Method 5b35 for Soil Samples

Apply EPA Method 5035A specified in the USEPA SW 846, (7/2002) for soil sample preparation and preservation in order to minimize volatile organic losses. Use the sample collection devices, or equivalent, specified in the method (e.g., the Encore™ sampler). If the Encore™ sampler is used, analyze sample within 48 hours from the collection. Analyze sample within 14 days for soil samples stored under frozen conditions.

5. Natural Attenuation Parameters

Natural attenuation processes include dispersion, dilution, sorption, volatilization, biodegradation, and chemical or biological transformation. A carefully controlled monitoring program for the natural attenuation can be used to confirm site-specific mass reduction and achieve remedial objectives. In order to test parameters to confirm the occurrence of natural attenuation, site characterization must be complete first.

5.1 Primary Natural Attenuation Criteria

Meet the following conditions prior to testing for the secondary natural attenuation parameters:

a) Groundwater contaminant plume must be fully defined.

b) Groundwater monitoring program on a quarterly basis must be completed for at least two years including data of MTBE and other oxygenates.

c) Groundwater concentration has consistently decreased or been stable.

d) Determination of site-specific hydraulic conductivity must be conducted. Refer the ASTM D4044-91 for the slug test procedures. Other field methods (e.g., pumping test) are also acceptable to determine hydraulic conductivity.

e) Characterization of MTBE and other oxygenates plume vertical extent must be completed with discrete multi-depth groundwater sampling at all groundwater vulnerable areas designated by the Board.

5.2 Secondary Natural Attenuation Parameters

Analyze the secondary natural attenuation parameters only after the primary natural attenuation criteria are met. Analyze the secondary natural attenuation parameters at all groundwater monitoring wells inside and outside of the plume. Conform to Table 2 below for parameters and testing methods.

Table 2: Analytical Requirements for Secondary Natural Attenuation Parameters

Parameters	Test Method	Required MDL
pH	EPA Method 150.2 or Field instrument	n/a
Dissolved oxygen (DO)	EPA Method 360.1 or Field instrument	n/a
Redox potential (ORP)	Field instrument	n/a
Sulfate (SO_4)	EPA Method 300	5 mg/L
Nitrate (NO_3)	EPA Method 300	0.1 mg/L
Ferrous iron (Fe^{+2})	EPA Method 200	0.1 mg/L
Methane (CH_4)	EPA Method 8015(M)	5 µg/L

6. Electronic Submittal of Data Reporting

All analytical results shall be uploaded in an electronic format to the State GeoTracker Database.

NOTICE TO CLOSURE PERMIT APPLICANTS

The South Coast Air Quality Management District (SCAQMD) has adopted Rule 1166 regulating emissions of Volatile Organic Compounds (VOC) from decontamination of soil effective **August 5, 1988**.

In addition to the requirements of your Closure Permit, persons excavating any underground storage tank that previously contained VOCs must:

- Notify the SCAQMD by telephone at (909) 396-2326 or by fax at (909) 396-3342 using the SCAQMD notification form 24 hours prior to tank excavation. 1166(d)(2)
- Monitor the excavated material during the excavation for VOC contamination 1166(c)(1)(E)
- When VOC contamination is detected,
  - Cease excavation.
  - Cover the contaminated soil until implementation of approved mitigation measures. 1166(c)(1)(C)
  - Notify the SCAQMD at (909) 396-2326 within 24 hours of detection of VOC contaminated soil. 1166(c)(1)(A)
- A person shall not engage in or allow any on- or off-site spreading of VOC contaminated soil which results in uncontrolled evaporation of VOC to the atmosphere. 1166(c)(3)

Exemptions

- Treatment of less than one (1) cubic yard of contaminated soil. 1166(d)(1)(A)
- Decontamination of soil containing organic compounds that have an initial boiling point of 302°F or greater, Reid Vapor Pressure less than 80 mm Hg or Absolute Vapor Pressure less than 38 mm Hg at 20°C. 1166(d)(1)(B)(i)
- Removal of soil for sampling purposes pursuant to Environmental Protection Agency methods. 1166(c)(1)(D)
- Accidental spillage of five (5) gallons or less of VOC. 1166(d)(1)(D)
- Documentation of soil which is contaminated through natural seepage of VOC from oil and gas wells or other natural sources. 1166(d)(1)(E)

SPECIFIC QUESTIONS ON RULE 1166 SHOULD BE REFERRED TO THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (909) 396-2326

ATTENTION CONTRACTOR
NOTIFICATION/PERMIT REQUIREMENT COMPLIANCE

This Authorization is issued subject to compliance with all applicable laws and regulations relating to the performance of work including, but not limited to, business license requirements, Building Codes, Fire Codes, Air Quality regulations, Health and Safety Codes, Water Codes, and Transportation regulations.

Pursuant to Los Angeles County Code, Section 11.78.045, and the Conditions and Limitations of the attached Hazardous Substance Underground Storage Closure and/or New Construction/Addendum Authorization, you are required to complete ALL of the agency notifications indicated below within the time period specified prior to commencement of work.

**[X] 72 HOUR ELECTRONIC NOTIFICATION – DEPARTMENT OF PUBLIC WORKS, ENVIRONMENTAL PROGRAMS DIVISION

The owner/operator or contractor shall provide electronic notification to Public Works at least 72 working hours prior to the commencement of any of the following work:

- Closure Authorization Permit – Prior to sampling and backfilling any excavation
- New Construction/Addendum Permit – Prior to backfilling any excavation

Notifications shall only be made at the following link:

- http://dpw.lacounty.gov/GO/DPWJST/

[X] 48 HOUR (OR AS REQUIRED)–LOCAL FIRE DEPARTMENT FIRE PREVENTION INSPECTOR:

[X] City of Monterey Park

[ ] Los Angeles County Fire Department

24 HOUR–SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

[X] SOUTH COAST AQMD – Rule 1149 and Rule 1166
Telephone: (909) 396-2626
Fax: (909) 396-3342

[ ] ANTELOPE VALLEY AQMD – Rule 1149 and Rule 1166
Telephone: (661) 723-8070

[ ] COUNTY SERVES AS BUILDING OFFICIAL, SEE ATTACHED

[X] CITY SERVES AS BUILDING OFFICIAL

FAILURE TO PROVIDE NOTICE AS REQUIRED ABOVE MAY RESULT IN PERMIT REVOCATION, ADDITIONAL SITE ASSESSMENT REQUIREMENTS AND/OR ADMINISTRATIVE PENALTIES AS PROVIDED BY LAW.

** See attached closure permit supplement for Public Works notification requirements.

As a condition of the closure permit, it is required that the contractor create a profile in this office's electronic notification system in order to schedule inspections.

As of January 12, 2016

County of Los Angeles Department of Public Works Underground Storage Tank Electronic Notification system will now accept notifications for Emergency Repair Work, Prior to Backfill appointments and Closure appointment. Notifications shall only be made at the following link.



http://dpw.lacounty.gov/GO/DPWUST/



Faxes, emails or Telephone calls will not be accepted.

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

ADDITIONAL CONDITIONS FOR UST CLOSURE/SITE ASSESSMENT

TITLE 23: CALIFORNIA CODE OF REGULATIONS - WATERS
DIVISION 3: STATE WATER RESOURCES CONTROL BOARD (SWRCB)
CHAPTER 30: ELECTRONIC SUBMITTAL OF INFORMATION

Article 1 GENERAL PROVISIONS

Section 3890. General Intent, Content, and Applicability of Regulations

(a) The regulations in this Chapter are intended to provide electronic access to reports, including soil, vapor, and water data, prepared for the purpose of subsurface investigation or remediation of: (1) an unauthorized discharge or deposit of waste as defined in section 13050 of the Water Code, (2) an unauthorized release of a hazardous substance as defined in section 25281 of the Health and Safety Code, or (3) a discharge of waste to land subject to Division 2 of Title 27 or Division 3, Chapter 15, of Title 23 of the California Code of Regulations (CCR).

(b) The regulations in this Chapter require persons responsible for submitting certain reports to the State Board, a regional board, or a local agency to submit these reports electronically over the Internet to the State Board's Geotracker system.

(c) The requirements of this Chapter are in addition to, and not superseded by, any other applicable reporting requirements.

(d) Except as provided in Section 3895(b), the electronic reporting requirements of this Chapter are intended to replace requirements for the submittal of paper copies of reports, beginning July 1, 2005.

Authority cited: Sections 13196 and 13198(c), Water Code.

Reference: Sections 13196 and 13198, Water Code.

Article 2. - ELECTRONIC SUBMITTAL OF INFORMATION

Section 3891. Definition of Terms

"COELT" is the United States Army Corps of Engineers Loading Tool program. It is a relational database application that is designed to run with the Microsoft Windows operating system. COELT places laboratory data into the standardized Electronic Deliverable Format (EDF). The program can accept data from Laboratory Information Management System (LIMS) or manually entered data. COELT is an optional software application that is intended to help laboratories that require new software to produce the EDF data deliverable. COELT includes a report utility that allows hard copy laboratory reports to be printed that match the actual electronic data. For purposes of the requirements of this chapter, version 1.2a of COELT may be used. The program (coelt12i.exe) and documents (coelt 1.2i manual.zip) for version 1.2i of COELT are available through links provided at http://www.waterboards.ca.gov/ust. "CSRS-H" is the California Spatial Reference System-Horizontal, which includes the High Precision Geodetic Network (HPGN), the High Precision Geodetic Network–Densification (HPGN-D) and other geodetic control positions. These control positions have been determined by Global Positioning System survey methods in accordance with first order or better standards and specifications from the Federal Geodetic Control Subcommittee (FGCS) of the Federal Geographic Data Committee. These control positions are published by the National Geodetic Survey, California Spatial Reference Center or its successor.

"EDCC" is the Electronic Deliverable Consistency Checker program, which was developed for the EDF1.2i format, described below. The EDCC program is run upon completion of an EDF report and produces an error report. This error report identifies problems within the given data set based upon the EDF database structure, guidelines, restrictions, and valid values. The error report also indicates the nature of each problem, so that the submitter can correct them. For purposes of the requirements of this chapter, the interactive web-version 1.2i or personal computer version 1.2i of EDCC shall be used. Programs (edcczip and edccservicepack.zip) for version 1.2i of EDCC are available through links provided at http://www.waterboards.ca.gov/lust.

"EDF" is the Electronic Deliverable Format, originally developed for the United States Army Corps of Engineers. It is a data standard designed to facilitate transfer of electronic data files from analytical laboratories to end-users. It is a relational database whose files are related to one another through key fields. Laboratories can produce electronic EDF files by using their own LIMS or COELT software. The data components include chain-of custody information, laboratory results, and quality assurance information. For purposes of the requirements of this chapter, version 1.2i of EDF shall be used. Specifications for version 1.2i of EDF (The Electronic Deliverable Format "EDF) Version 1.2i data dictionary are available in Title 27, Division 3, Subdivision 2, Chapter 7 (Laboratory Results) CCR, through links provided at http://www.waterboards.ca.gov/lust.

"Geotracker" is the State Board's Internet-accessible database system used by the State Board, regional boards, and local agencies to track and archive compliance data from authorized or unauthorized discharges of waste to land, or unauthorized releases of hazardous substances from underground storage tanks. This system consists of a relational database, on-line compliance reporting features, a geographical information system (GIS) interface and other features that are utilized by the State Board, regional boards, local agencies, regulated industry and the public to input, manage, or access compliance and regulatory tracking data. Geotracker, initially known as the Geographical Environmental Information Management System (GEIMS) database, is available at http://geotracker.swrcb.ca.gov/.

"PDF" means Portable Document Format. "PDF" files are self-contained and cross-platform documents. A PDF file will look the same on the screen and in print, regardless of what type of computer or printer a person uses or which software package originally created the file. Although PDF files contain the complete formatting of the original document, including fonts and images, they are highly compressed, allowing efficient transfer of complex information.

"Permanent monitoring well" means any artificial excavation by any method made for the purpose of monitoring fluctuations in groundwater levels, the quality of groundwater, or the concentration of contaminants in groundwater and which is used for at least thirty days.

"Report" means any document or item that is required for submittal in order for a person to comply with a regulation, directive, or order issued by the State Board, a regional board, or a local agency, including but not limited to, any analysis of material by a laboratory that has accreditation or certification pursuant to Article 3 (commencing with Section 100825) of Chapter 4 of Part 1 of Division 101 of the Health and Safety Code.
Authority cited: Sections 13196 and 13198 (c), Water Code.
Reference: Sections 13195 (b) and 13196, Water Code.

Section 3892. Reports

The following reports are subject to the requirements of this Chapter, when those reports are required for the purpose of subsurface investigation or remediation of: (1) an unauthorized discharge or deposit of waste as defined in section 13050 of the Water Code; (2) an unauthorized release of a hazardous substance as defined in section 25281 of the Health and Safety Code, or (3) a discharge of waste to land subject to Division 2 of Title 27 or Division 3, Chapter 15 of Title 23 of the California Code of Regulations (CCR).

(a) Reports submitted pursuant to Division 3, Chapter 16, Article 11 of Title 23 of the CCR.

(b) Reports submitted pursuant to Division 2 of Title 27 or Division 3, Chapter 15 of Title 23 of the CCR.

(c) Reports submitted pursuant to section 13304 of the Water Code.

(d) Reports submitted pursuant to section 13267 of the Water Code.

(e) Reports submitted pursuant to any order or directive of the State Board, a regional board or a local agency.

(f) Reports submitted pursuant to the Two-year Joint Cooperative Agreement Execution Plans under the DoD/State Memorandum of Agreement and Navy Cost Recovery Cooperative Agreement, for the State of California.

Authority cited: Sections 13196 and 13198 (c), Water Code.

Reference: Sections 13196 (a) and 13198 (c), Water Code.

Section 3893. Electronic Submittal of Reports

(a) Persons responsible for submitting reports pursuant to this Chapter shall submit the following information described in subdivision (b) electronically over the Internet to the State Board's Geotracker system in conformance with data dictionaries found in Title 27, Division 3, Subdivision 2 (Monitoring and Release Information) and specifications contained in the State Water Resources Control Board EDF Guidelines and Restrictions (version 1.2) and Survey XYZ Guidelines and Restrictions (Version 6). These data dictionaries and documents are available through links provided at http://www.waterboards.ca.gov/ust

(b) Data generated after the effective date of the regulations by chemical analysis of soil, vapor, or water samples (including surface water, groundwater and influent/effluent water samples from remediation systems), shall be submitted in EDF format. All data submitted in EDF format shall be checked for errors prior to and during submittal using the EDOC software consistency checking tool. All data submitted in EDF format must pass this error-checking tool as well as meet normal regulatory requirements in order to be considered valid data. In addition, when required for reports subject to this Chapter, the following shall also be submitted electronically:

(1) The latitude and longitude of any permanent monitoring well for which data is reported in EDF format, accurate to within 1 meter and referenced to a minimum of two reference points from the California Spatial Reference System (CSRS-H), if available.

(2) The surveyed elevation relative to a geodetic datum of any permanent monitoring well.

(3) The elevation of groundwater in any permanent monitoring well relative to the surveyed elevation.

(4) A site map or maps showing the location of all sampling points referred to in the report.

(5) The depth to the screened interval and the length of screened interval for any permanent monitoring well.

(6) Boring logs, in PDF format.

(7) A complete copy of the report in PDF format, which includes the signed transmittal letter and professional certification.

(c) All deadlines and timeframes for submittals of reports are applicable to the information submitted electronically pursuant to this Chapter.

Authority cited: Sections 13196 and 13198 (c), Water Code.

Reference: Sections 13196 and13198 (c), Water Code.

Section 3894. Timing of Electronic Reporting Requirements

(a) Electronic submittals of information for sites subject to the requirements of Title 23, Division 3, Chapter 16, Article 11 of the California Code of Regulations, shall begin on December 16, 2004.

(b) Unless otherwise specifically noted, all other electronic submittals required pursuant to this Chapter shall begin January 1, 2005.

(c) Until July 1, 2005, the electronic reporting requirements of this Chapter are in addition to any existing paper or other reporting requirements.

Authority cited: Sections 13196 and 13198 (c), Water Code.

Reference: Sections 13196 (a) and 13198 (c), Water Code.

Section 3895. Submittal of Alternate Forms of Reports

(a) Beginning July 1, 2005, the successful submittal of electronic information in accordance with this Chapter shall replace the requirement for the submittal of a paper copy, except as provided in subdivision (b).

(b) In addition to the electronic submittal of reports required pursuant to this Chapter, a regulatory agency may require the submittal of a report, or portions thereof, in diskette, compact disc or other form if the agency determines that the alternative form is necessary. The burden, including cost, of these alternative forms shall bear a reasonable relationship to the need for alternative form and benefits to be obtained from the alternative form

Authority cited: Sections 13196 and 13198 (c), Water Code.

Reference: Sections 13196 (a) and 13198 (c), Water Code

NOTICE: Original paper reports with wet ink signature and seal must continue to be submitted to this office pursuant to CCR Title 23, Division 3, Chapter 30, Article 2, Section 3895 (b), regardless if such report is required by regulation to be electronically uploaded to Geotracker.

N

(E) 8K DIESEL UST

(E) GENERATOR BLDG

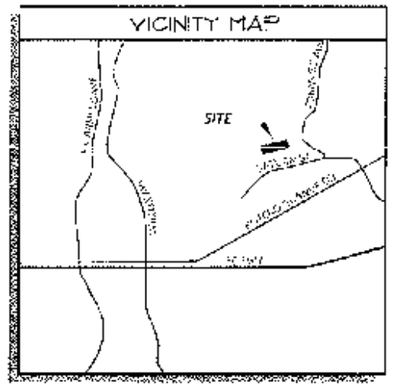
(E) BLDG

(E) 8K DIESEL UST

(E) VEEDER ROOT TANK MONITOR

(E) BLDG

VICINITY MAP



SCOPE OF WORK

1. EXCAVATE AND EXPOSE (2) (E) DIESEL AND (1) 4,000 GALLON UNDERGROUND STORAGE TANKS AND ATTACHED SUPPLY, RETURN, AND VENT PIPING
2. PURGE PRODUCT PIPING BACK TO TANKS PROPERLY RINSE AND CLEAN TANKS REMOVE ALL ATTACHED PIPING LOAD ALL (3) TANKS AND HAUL OFF FOR DESTRUCTION AT AN APPROVED FACILITY
3. GEOLOGIST TO PERFORM SOIL SAMPLING AS DIRECTED BY LADBP AND TRANSPORT SAMPLES TO LAB FOR ANALYSIS SUBMIT CLOSURE REPORT WITHIN 30 DAYS
4. BACKFILL EXCAVATIONS AND RESURFACE TO MATCH EXISTING

NOTES:

GRAPHIC SCALE

REVISIONS

DESIGN

SoCal Compliance

CONTRACTOR

BRE CA SATURN LLC
1ST SATURN STREET
MONTEREY PARK, CA 91755

SITE PLAN

DATE
10-22-18

SCALE
AS SHOWN

DRAWN BY
B. BURNS

CHECKED BY

JOB NUMBER
1977SATURN

SHEET
SP-1

6494 - 65226

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

9280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
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909.476.6810 Fax
www.altaem.com

December 5, 2018

Los Angeles County Department of Public Works
Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802-1460

SUBJECT: SOIL SAMPLING RESULTS RELATED TO UST SYSTEM REMOVALS
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

Dear Sirs:

This report summarizes the results of tank system removals, and associated soil sampling activities completed at the subject site in Monterey Park, California (see attached Site Location Map - **Figure 1**).

The soil sampling activities were completed in general accordance with guidelines of Los Angeles County Department of Public Works (LADPW) and the Los Angeles Regional Water Quality Control Board (LARWQCB).

A copy of the UST removal permit is provided in attached **Appendix A.**

The tank removal activities were conducted by George Bryant Construction of Alta Loma, California (contractor). Soil sampling was completed by ALTA EM, Inc. (environmental consultant). A representative of the LACDPW (Mr. William Edwards) was scheduled to be on-site, but called the site contractor on-site within a few minutes of the scheduled inspection time, indicating he would not be able to be on site. Mr. Edwards authorized the UST removals and soil sampling to commence without his presence. A representative of ALTA EM, Inc. also spoke with Mr. Edwards verifying these approvals and provided him our contact info, and the license number of the responsible Professional Geologist prior to proceeding.

Site Setting / Hydrogeology

The site is located at the northern edge of the Coastal Plain of Los Angeles County, in the Merced / Montebello Hills. These hills consist of sedimentary rocks of the Pico Formation, and the site area is dominated by the structural feature known as the Montebello Anticline. The site area is not known to contain large-scale regional aquifers, as is the nearby/adjoining LA County Coastal Plain just to the south. The site is located just north and outside of the Montebello Forebay Area of the LA Coastal Plain Groundwater basin (DWR, 1961).

A review of the LACDPW water well database revealed no listed wells within one mile of the subject site (LACDPW, 2018). ALTA EM, Inc. also contacted a nearby cemetery east of the subject site (see **Figure 1**) asking about any potential well information at this location. The cemetery staff reported they have no wells (Resurrection Cemetery, 2018). A review of the Geotracker database for nearby LUST cases, with well data, revealed one facility approximately 0.5 miles south-southwest of the site with groundwater at approximately 70 feet deep in 2005. All other LUST sites with groundwater well data were greater than 0.75 miles away (Geotracker, 2018).

A-905166

C-9414-21

The site is located at the foot of a small hill, on a large graded earthen pad built for the construction of the commercial office complex which occupies the property. Atop the hill overlooking the site are large municipal water storage tanks, a landscaping nursery (Chuys Nursery) and a community park (Le Lorna Park) (see attached **Figure 2**).

While a regional aquifer is not anticipated beneath the site area, an accumulation of relatively shallow groundwater does exists beneath the site. The source of this groundwater is unknown (i.e. from nearby or on-site irrigation water? an accumulation of natural precipitation? an on-site water leak? combination of these sources?). Groundwater was initially encountered in the larger UST pit at approximately 6 feet, but stabilized at approximately 11.5 feet bgs overnight after it was pumped out to facility the UST removals. It is noted that groundwater appeared to be shallowest in the western-most portion of the area of investigation, even being encountered in a couple of the piping trench soil samples at 4 feet bgs.

Three monitoring wells were noted around the perimeter of the larger UST pit. All three wells appeared to have been partially destroyed (i.e. cement backfilled in their wells boxes). During excavation, the upper three to five feet of several of the wells was exposed and observed to be 4" PVC casing (presumed to also be backfilled). It is unknown if these wells were installed as groundwater monitoring wells or possibly vapose wells when groundwater was absent or deeper.

In summary, while a regional aquifer is not anticipated beneath the site area, an accumulation of relatively shallow groundwater exists beneath the site at 4 to 11.5 feet bgs. The direction of groundwater flow is unknown, though topography of the site would strongly indicate it is likely toward the west to southwest. This is contradicted by on site observations indicating the shallowest groundwaters in the western-most portion of the area investigated.

Tank Contents, Capacity, Construction

Details of the removed tanks were reported by the contractor as follows:

	Content	Capacity	Size	Construction
Tank #1	Diesel Fuel	10,000 gals	34' by 8'	Single-wall fiberglass w/rounded ends
Tank #2	Diesel Fuel	10,000 gals	34' by 8'	Single-wall fiberglass w/rounded ends
Tank #3	Diesel Fuel	2,500 gals	12' by 6'	Double-wall fiberglass coated steel

Larger Tanks 1 & 2 were located in a cluster, while Tank 3 was located approximately 140 feet east of the others. All three tanks contained diesel fuel, and were used to supply emergency generators. All three thanks were buried 3 to 4 feet bgs.

Attached **Figure 3** and **Photo nos. 1 and 2** show the two tank pit areas.

Soil Sampling Methods & Locations

All samples were collected on November 6, 2015.

Samples along the fuel product lines were collected at depths ranging from 3.5 to 5 feet bgs (at least 2 feet beneath removed lines), and were designated as samples no. PS1 to PS13. Attached **Photo nos. 3 through 7** show the various product line trenches which were sampled.

The Tanks 1 & 2 pit contained groundwater at approximately 11.5 feet bgs, and a large concrete pad underlying the tanks at approximately 13.5 feet bgs, precluding reasonable soil sampling. Attached **Photo no. 8** shows groundwater in the tank pit and the concrete pad depth. Given soil samples could not reasonably be collected, alternative groundwater samples were collected from this UST pit with a disposable polyethylene sampling bailer. Attached **Figure no. 3** shows the approximate locations of these two groundwater samples, designated TPGW1 and TPGW2.

The Tank 3 pit also contained an underlying concrete pad throughout the pit bottom at approximately 11.5 feet bgs, but no groundwater. This pad also precluded the reasonable collection of soil samples beneath

the concrete. Alternatively, soil samples were collected from the pit sidewalls just above the concrete pad level, at diagonally opposing corners of the former tank. The locations of these soil samples, designated T3-1-10 and T3-2-10, are shown on attached **Figure 3**.

Soil samples were obtained with the aid of a hand auger or backhoe. Samples were retained in general accordance with EPA method no. 5035 protocol. An additional amount of each sample (for non-VOC analyses) was also collected in laboratory approved 4 oz. glass jars. **Appendix B** includes further details of the sampling procedures.

Attached **Photos 9 & 10** show both UST pits after the tanks had been removed.

Field Observations

During the soil sampling, olfactory and visual observations, as well as soil types were recorded and are summarized in the table below:

SAMPLE NO.	SAMPLE LOCATION	SAMPLE DEPTH (feet bgs)	ODOR	COLOR	SOIL TYPE
PS1-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, damp, clayey F. SAND
PS2-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, silty F. SAND
PS3-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, F. SAND; with trace silt
PS4-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, F. SAND; with trace silt
PS5-5	Piping trench	5	No Odor	No Discoloration	Yellowish brown, damp to moist, clayey gravelly F. SAND
PS6-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist, F. SAND
PS7-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist, gravelly F. SAND
PS8-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist, F. SAND
PS9-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist to wet, silty F. SAND
PS10-3.5	Piping trench	3.5	No Odor	No Discoloration	Yellowish brown, moist to wet, silty F. SAND
PS11-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, saturated, clayey silty F. SAND
PS12-3.5	Piping trench	3.5	No Odor	No Discoloration	Yellowish brown, damp to moist, clayey silty F. SAND
PS13-4	Piping trench	4	Very slight HC odor	No Discoloration	Yellowish brown, wollive motling, moist, sandy SILT; with trace clay
T3-1-10	Tank #3 pit	10	No Odor	No Discoloration	Yellowish orange brown, damp, clayey F. SAND
T3-2-10	Tank #3 pit	10	No Odor	No Discoloration	Yellowish brown, damp, F. SAND, with trace silt and Med Sand.

During the groundwater sampling, olfactory and visual observations were recorded and are also summarized in the table below:

SAMPLE NO.	SAMPLE LOCATION	SAMPLE DEPTH (feet bgs)	ODOR & VISUAL OBSERVATIONS	COMMENT
TPGW1	Tank #1 pit - North	11.5	No odor or sheen	Groundwater sample
TPGW2	Tank #1 pit - South	11.5	No odor or sheen	Groundwater sample

Analytical Methods / Results

All soil and groundwater samples were analyzed for TPH diesel (C_{10}-C_{28}), BTEX and Fuel Oxygenates. The UST removal permit initially indicated that organic lead analyses were also required; however, follow-up communications with Kattya Batres of the LACDPW confirmed the lead analyses were not required if the USTs historically only contained diesel fuel (which is the case) (see Appendix A).

The analyses were completed in general accordance with modified EPA method no. 8015 (for TPH diesel) and EPA method no. 5035/8260B (for BTEX & FUEL OXYENATES). Results are summarized as follows:

SOIL SAMPLES (all results in mg/kg)				
SAMPLE NO.	SAMPLE DEPTH (feet bgs)	TPH DIESEL (C_{10}-C_{28})	BTEX	FUEL OXYGENATES (MTBE, ETBE, DIPE, TAME, TBA)
PS1-4	4	ND	ND	ND
PS2-4	4	ND	ND	ND
PS3-4	4	ND	ND	ND
PS4-4	4	ND	ND	ND
PS5-5	5	ND	ND	ND
PS6-4	4	ND	ND	ND
PS7-4	4	ND	ND	ND
PS8-4	4	ND	ND	ND
PS9-4	4	ND	ND	ND
PS10-3.5	3.5	ND	ND	ND
PS11-4	4	ND	ND	ND
PS12-3.5	3.5	ND	ND	ND
PS13-4	4	15.2	ND	ND
T3-1-10	10	10.5	ND	ND
T3-2-10	10	ND	ND	ND
PQLs	N/A	10	0.005-0.01	0.005 - 0.05

GROUNDWATER SAMPLES (all results in ug/L)				
SAMPLE NO.	SAMPLE DEPTH (feet bgs)	TPH DIESEL (C_{10}-C_{28})	BTEX	FUEL OXYGENATES (MTBE, ETBE, DIPE, TAME, TBA)
TPGW1	11.5	ND	ND	ND
TPGW2	11.5	ND	ND	ND
PQLs	N/A	500	1-3	3-50

In summary, no significant TPH (C_{10}-C_{28}), BTEX or Fuel Oxygenates were detected in any of the soil or groundwater samples. Two soil samples were reported to contain minor detected TPH (C_{10}-C_{28}) at concentration of 15.2 and 10.5 mg/kg. No field evidence indicating major fuel impacts was observed at or nearby these two samples with detections. A laboratory report further detailing the results of the soil/water sample analyses is provided in attached **Appendix C**.

Other Documentation

Provide in attached **Appendix D** are copies of the tank cleaning rinsate manifest, and the tank destruction/recycling certificates.

Conclusions

Three USTs were removed from the subject site. Two UST were located in one pit, and the third was approximately 140 feet away. Soil samples PS-3-4 (piping trench) and T3-1.0 (Tank 3 pit) were reported to contain 15.2 and 10.5 mg/kg of TPH (C_9-C_{20}), but no detected BTEX or Fuel Oxygenates. Every other soil sample was reported to contain no detected TPH (C_{13}-C_{28}), BTEX or Fuel Oxygenates.

Shallow groundwater was encountered in the Tank 1 & 2 pit, as well as a concrete pad underlying the tanks. Two groundwater samples collected from this tank pit were also reported to contain no detected TPH (C_{13}-C_{28}), BTEX or Fuel Oxygenates.

Based on the field observations and laboratory data, there is no evidence to indicate a significant release of diesel fuel from the removed UST systems. No further action is recommended, and a no further action letter is requested from the responsible party. At the time of this report the site had no Geotracker case or global ID assigned, so this report and associated data could not be uploaded.

The opportunity to be of service is greatly appreciated. If you have any questions or comments, please do not hesitate to contact the office at (909) 476-2120.

Very Truly Yours,
ALTA ENV, INC.

ROBERT B. HANSEN
Project Environmental Geologist
California P.G. #5839

cc: File No.: 18738-01

REFERENCES

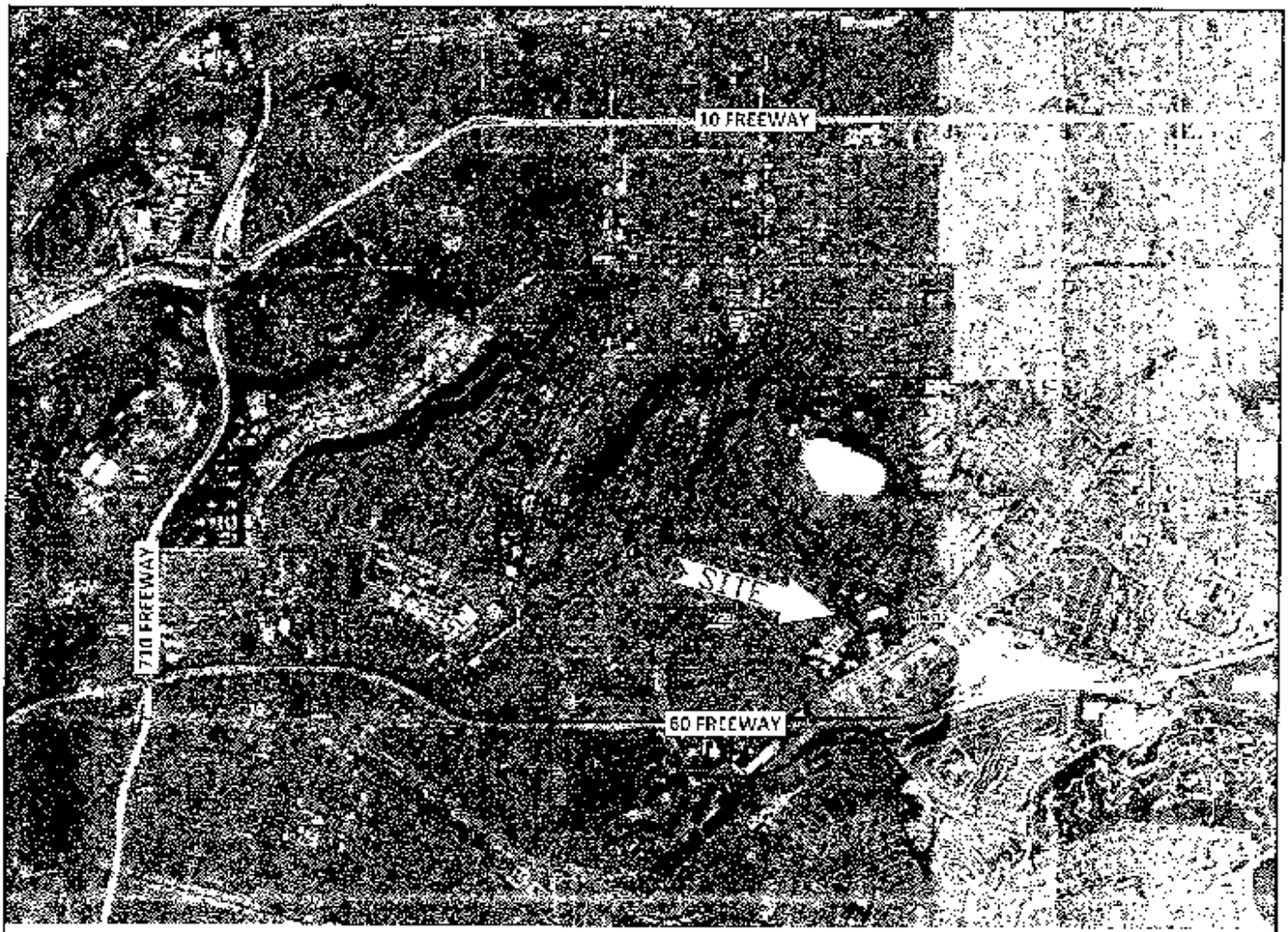
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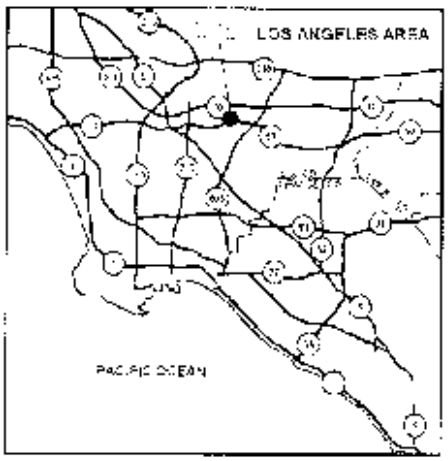
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Resurrection Cemetery, 2018. telecommunication with cemetery staff on November 9, 2018.

USGS (United States Geological Survey). 1966. El Monte Quadrangle 7.5-minute series topographic map, dated 1966, photorevised 1981.





Note:

Base imagery taken from Google Earth, dated 12/2017.

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

TITLE: SITE LOCATION MAP

PROJECT: GBC-MONTEREY PARK
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

DRAWN BY: J. PETTIGAN
CHECKED BY: B. HAVEN
PROJ. NO.: [illegible]
DATE: NOV 2018

FIGURE NO.: 1



0 200 400
Scale: Feet

NOTES:
1. All locations and dimensions are approximate.
2. Base Imagery, taken from Google Earth, dated 12/2017.

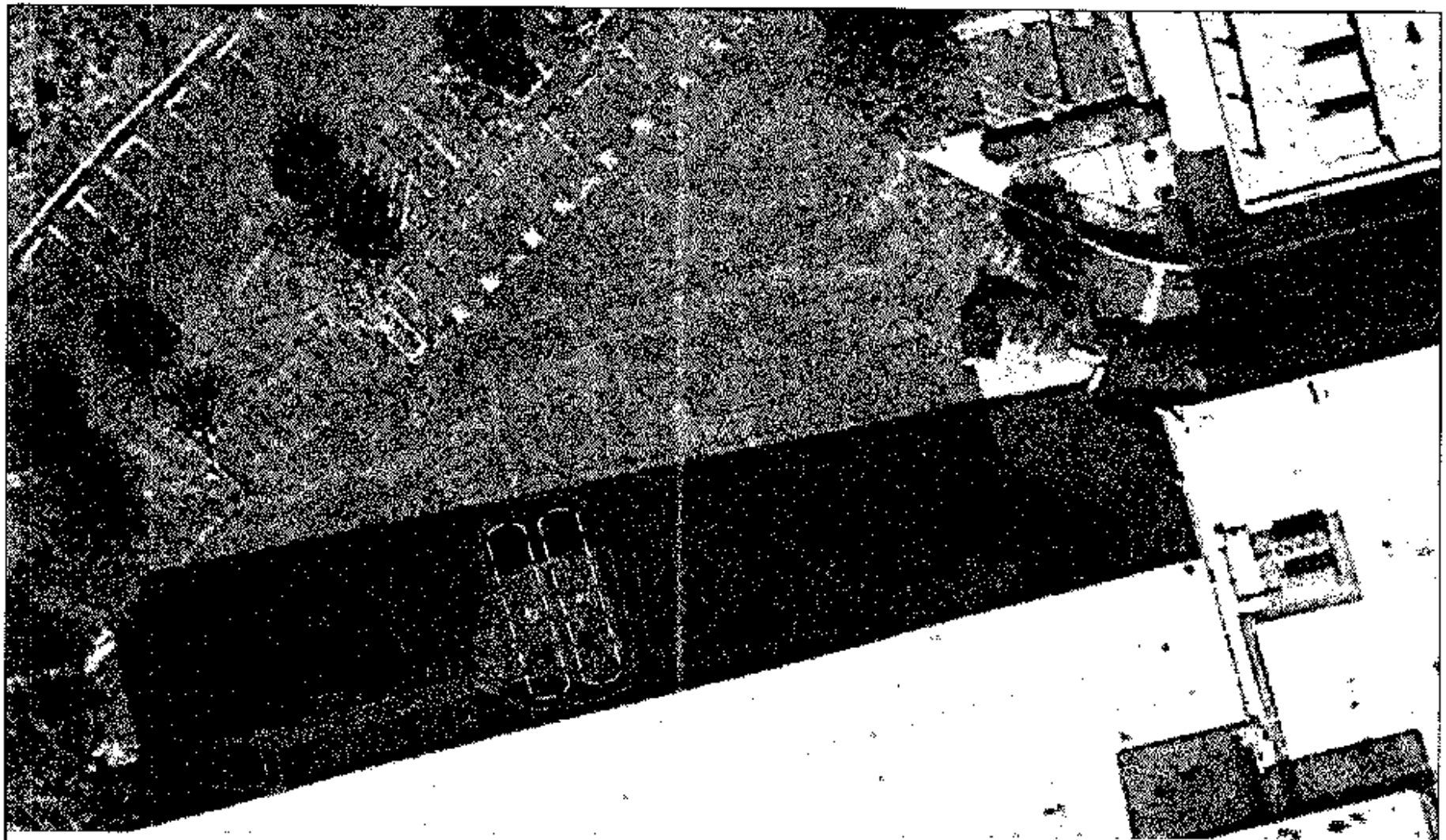
ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

PROJECT:
GBC-MONTEREY PARK
1977 SAT./8N STREET
MONTEREY PARK, CALIFORNIA 91755

TITLE:
SITE PLAN

DRAWN BY: E. PETTIGREW
CHECKED BY: R. HANSEN
PROJECT: 2536.01
DATE: NOV. 2018

FIGURE NO.:
2



EXPLANATION

PS1-4 ▲ Soil Sample Location and Designation

4 Approximate Sample Depth (in ft) Below Ground Surface (feet)

PGW1 ◆ Groundwater Sample Location and Designation

UST Removed UST

Tank No.

Pea Gravel Backfill

Fence Line

0 30 60

Scale, Feet

NOTES:

1) All locations and dimensions are approximate.
2) Base imagery taken from Google Earth dated 10/30/17

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

PROJECT:
GBC-MONTEREY PARK
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

TITLE:
SOIL SAMPLING LOCATIONS

DRAWN BY: [illegible]
CHECKED BY: [illegible]
PROJECT #: [illegible]
DATE: NOV 2017

FIGURE NO.:
3



Photo 1: (looking S) Tanks 1 & 2 pit prior to UST removals. Note evicence of prior (partially destroyed) monitoring wells in background).



Photo 2: (looking N) Tank 3 pit.

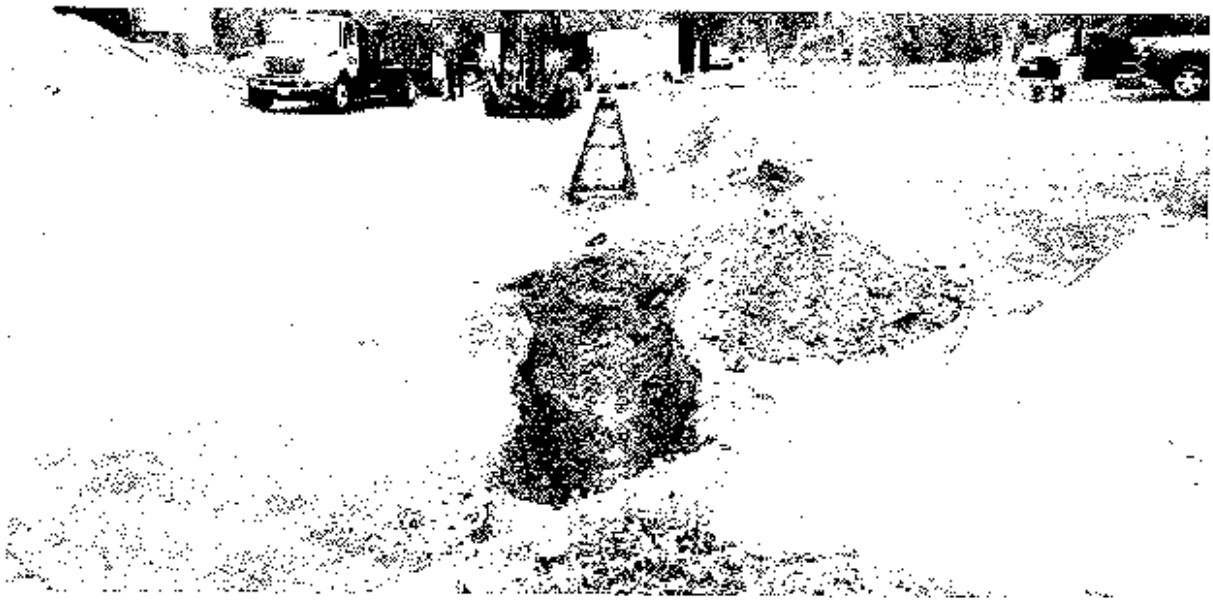


Photo 3: (ooking W) Product line trench section in which sample nos. PS1, PS2, PS3, PS4 and PS5 were collected.

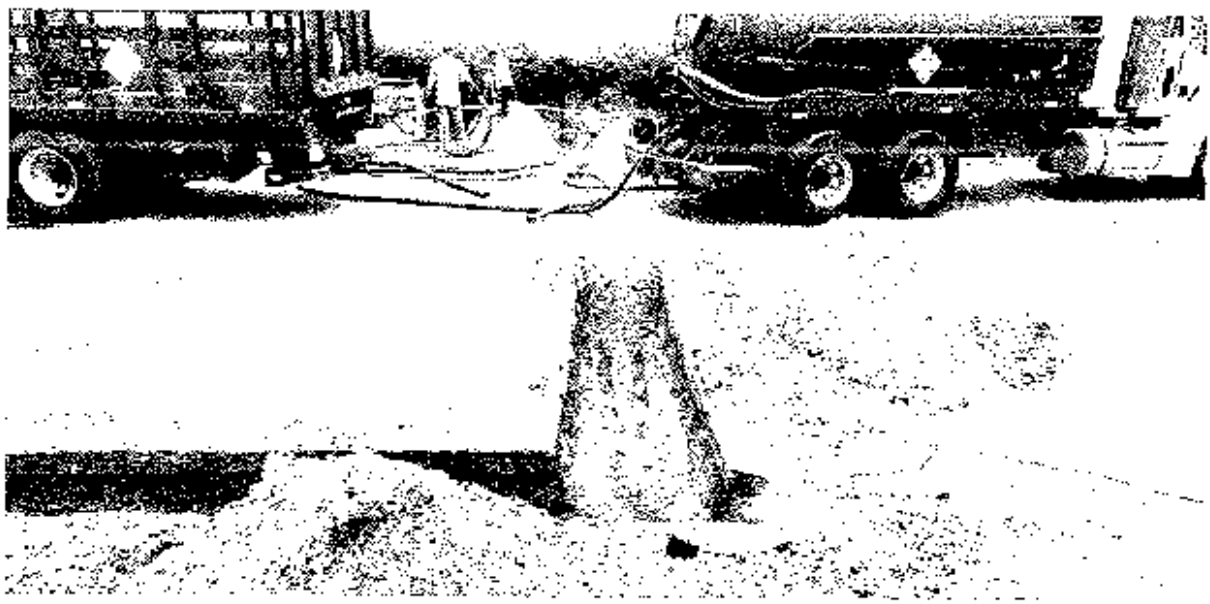


Photo 4: (ooking S) Product line trench section in which sample nos. PS5 and PS13 were collected.



Photo 5: (looking W) Product line trench section in which sample nos. PS9 and PS10 were collected.



Photo 6: (looking S) Product line trench section in which sample nos. PS11 and PS12 were collected.

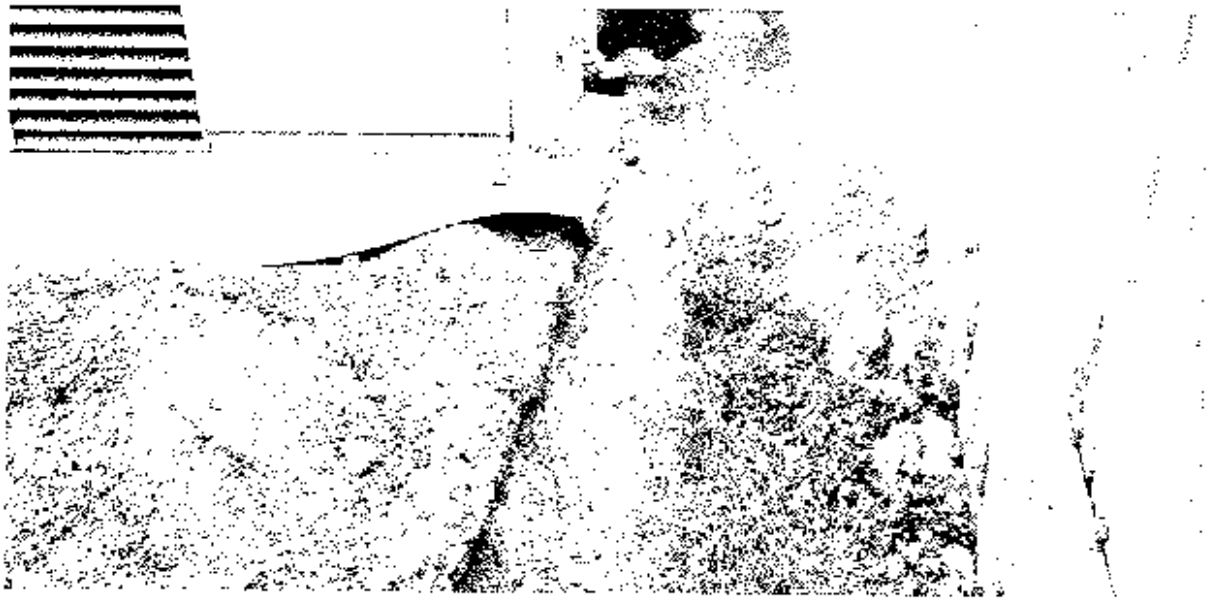


Photo 7: (looking E) Product line trench section in which sample nos. PS6, PS7, and PS8 were collected.



Photo 8: (looking E) Tank #1 and #2 pit after USTs have been removed. Note groundwater in bottom of the pit at 11.5 feet. Excavator bucket teeth are extending through this groundwater and touching an underlying concrete pad at approximately 13.5 feet bgs.



Photo 9: (looking W) Tank 1 and 2 pit after USTs have been removed



Photo 10: (looking W) Tank 3 pit after UST had been removed. Concrete pad underlying pea gravel

APPENDIX A

LACDPW UST REMOVAL PERMIT

FORM VALID JULY 1, 2018 TO JUNE 30, 2019

DPW USE ONLY:
SITE FILE NO. 6994 - 62151
APP NO. 905196 AREA 3M
CHECK (X): CASH [ ] OTHER [ ]
FEE $ 1667.00

CLOSURE AUTHORIZATION FOR HAZARDOUS SUBSTANCE UNDERGROUND STORAGE TANKS

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS (DPW)
Environmental Programs Division
900 South Fremont Avenue, 3rd Floor Annex Building
Alhambra, CA 91803-1331
Phone Number (626) 458-3517, Fax Number (626) 458-3509
www.CleanLA.com

Email all information must be submitted to CERS. Refer to attached forms.

CLOSURE REQUESTED:

- [X] PERMANENT, UST REMOVAL
- [ ] PERMANENT, UST CLOSURE IN-PLACE - Attach Justification Statement
- [ ] TEMPORARY CLOSURE
- [ ] OTHER (ONLY PIPING, UNDER DISPENSER CONTAINMENT, ETC), EXPLAIN: _____

ATTACH PLOT PLAN Show existing tanks, piping and dispenser locations, etc. (to scale).

FACILITY California Environmental Reporting System (CERS) ID: _____ DATE INFORMATION SUBMITTED TO CERS: _____

HOW MANY UNDERGROUND STORAGE TANKS WILL REMAIN AFTER THIS CLOSURE? 0 EXISTING HSUSP NUMBER: 842830

Who is closing the UST(s)? [ ] UST OWNER/OPERATOR OR [X] CONTRACTOR

Email address of UST owner/operator or recipient: ron@georgebayercoast.com

FACILITY TO BE CLOSED (VERIFICATION FOR NOTIFICATIONS):

Facility Name: Equity office Phone: 909 944 3517
Facility Address: 1972 Saxon st City: Monterey Park Zip: 91755
Tank Owner/Contact: Maya Celicic Title: property Manager
Contractor Name: George Bayer Construction Phone: 909 944 2517
Contractor License No.: 718466 Class(s): A B C21 C22 HAZ

*Contractor Shall Be Hazardous Substance Removal Certified "HAZ" per California Business & Professions Code Division 3, Chapter 9, Article 6, §7058.7 (a)**

NUMBER OF USTs TO BE CLOSED	UST ID NO. (DPW USE ONLY)	CAPACITY - GALLONS	SUBSTANCES STORED (PAST)-PRESENT)	CLOSURE FEE
1				$1,143.00
2				$1,405.00
3				$1,667.00
4				$1,929.00
5				$2,191.00
6 (+ ATTACH LIST)				$405.00 + $262.00 per UST

Closure of Underground Storage Tanks (USTs) shall be in compliance with Los Angeles County Code Title 11, Division 4

COMPLETE SURVEY:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[X]
Has a structural repair ever been made to these underground storage tanks?	[ ]	[X]
Will new underground storage tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES IN TANKS TO BE CLOSED, MAY BE HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE DIVISON 20, CHAPTER 6.5 AND MUST BE REPORTED IN THE CLOSURE REPORT. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below, you certify that all statements and disclosures above are true and correct.
You have read and agree to abide by this authorization and all conditions and limitations on the back and attached.

Authorization Recipient (Print Name): Ronald Franklin Phone: 909 944 3517
Recipient's Signature: _____ Date: 10/25/18
Recipient is: UST Owner [ ] UST Operator [ ] or Contractor [X] Written authorization is required for submittals made by a staff of owner/operator.

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.30.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS.

THIS AUTHORIZATION EXPIRES: 04/25/2019 *****SEE ATTACHMENTS*****

MARK PESTRELLA
Director of Public Works

By: _____ Date: 10/25/2018

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the County of Los Angeles Department of Public Works, Environmental Programs Division, P.O. Box 1460, Alhambra, California 91802-1460, containing:

1. File number of facility and closure permit number.

2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.

3. Description of methods for obtaining, handling, and transporting samples.

4. Time and date samples were obtained.

5. Soil sampling certification (including but not limited to soils classification, boring logs, sample procedures, sample locations, initiating chain-of-custody, and groundwater location) for Underground Storage Tank closure shall be certified by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils. The certification must clearly state that all work was performed under the supervision of the person signing.

6. Chain-of-custody documentation initiated by person obtaining sample through person at a California Department of Health Services certified laboratory.

7. Disposal destination of tanks and evidence of legal disposal.

8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction, and methods of analysis.

9. Documentation as to depth of groundwater at facility.

10. Manifests to document hazardous waste disposal of any removed soil and tank rinsate.

11. Evidence of legal disposal of soils designated as nonhazardous.

12. Any observations of site contamination.

13. Report to be signed by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils.

14. Submit to the California Environmental Reporting System (CERS) the date the UST was permanently closed for all tanks removed or closed in-place.

Print Name Ronald Frankum

Signature _____ Date 10/25/16

UST/CSR 03/16/16

CERS Business

Home | Submittals | Facilities | Compliance | My Business

UST Facility Operating Permit Application:

Home » Prepare Submittal » UST: UST Facility Operating Permit Application (Draft)

Instructions/Help

You must complete this form within 30 days of all new permits, permit changes, or facility information changes. You will also need to update/confirm your tank, monitoring plan, and other pertinent UST-related forms.

All facilities **must** provide a BOE Number--valid numbers are 6 digits long starting with the numbers 44. . State and federal facilities should use 44032002. If **ALL** underground tanks at your facility **ONLY** contain NON-petroleum productions, you can provide this generic BOE Number: 44000000. Contact your local regulator if you are unsure what number to provide.

The former paper version of this form was called "UST Operating Permit Application-Facility Information" (Form A).

More information about UST Financial Responsibility Mechanisms is available at the Water Board's Underground Storage Tank Cleanup Fund Financial Responsibility web page.

Click this field to reflect permanent UST closure.

Save | Cancel

Type of Action

Confirmed/Updated Information | New Permit | Renewal Permit | Temporary Facility Closure | (•) Permanent Facility Closure | Transfer Permit

Facility Information

EXAMPLE FACILITY

Facility Type *

Motor Vehicle Fueling | Fuel Distribution | Farm | Processor | Other

BOE Number *

Is the facility located on Indian Reservation/Trust lands? *

Yes | No

Tank Operator

Tank Operator Name * Phone *

Mailing Address *

City State ZIP/Postal Code

Country *

United States Enter International Address

Property Owner

Owner Name * Phone *

Tank Owner

Owner Name * Phone *

UST Tank Information/Monitoring Plan:

Instructions/Help

Use this form to enter data for new UST systems or revise data for an existing UST system. You must complete a separate form for each affected tank. For tanks that are part of a compartmentalized unit, each compartment is considered a separate tank. This information is required within 30 days of permit or facility information changes, unless your local agency requires approval prior to making the changes.
The former paper version of this form was called "UST Operating Permit Application-Tank Information" (Form B)

Copy from other UST Tank | Save | Cancel

Type of Action

Type of Action (UST Tank) *

○ Confirmed/Updated Information ○ New Permit ○ Renewal Permit ○ Temporary UST Closure ○ UST Permanent Closure on Site ● UST Removal

Facility Information

EXAMPLE FACILITY

Enter this date after the UST has been removed.

Click this field to reflect permanent removal of the UST.

Tank Description

Tank ID # *

Date UST System Installed *

Tank Configuration *
○ A Stand-alone Tank ○ One in a Compartmented Unit

Tank Manufacturer *

Date Existing UST Discovered *

Number of Compartments in the Unit *

Tank Capacity In Gallons *

Date UST Permanently Closed *

Additional Description *

Tank Use and Contents

Tank Use *
Motor Vehicle Fueling
Marina Fueling

Tank Contents * Read This First
Regular Unleaded
Premium Unleaded

Tank Construction

Type of Tank * Read This First
Single Wall Double Wall Unknown

CLOSURE – UNDERGROUND STORAGE TANKS

CONDITIONS A – GENERAL

1. Closures shall be carried out such that all applicable regulations from the following agencies are complied with: Los Angeles County Department of County Engineer – Facilities; Los Angeles County Fire Department, Fire Prevention Division or the appropriate City Fire Department; South Coast Air Quality Management District; and Los Angeles County Department of Health Services.

2. The County Engineer and Fire Departments shall be notified in advance of any closure in accordance with the following:

   a. Removal of tank shall require a three (3)-business day advance notification.
   b. Permanent closure of a tank in place or a temporary closure shall require a 30-working notification.

3. Consult current fee schedule for costs.

4. All abandoned wells shall be destroyed in such a way that they will not produce water or act as a channel for interchange of water, where such interchange may result in deterioration of the quality of water in any or all water bearing formations penetrated, or present a hazard to the safety and well being of people and animals.

5. A well destruction permit issued by the Los Angeles Department of Health Services shall be required for all wells requiring a permit for their initial construction.

6. Well destruction shall be accomplished according to methods described in the latest "Water Well Standards: State of California" by the Department of Water Resources, contained in Bulletin 74 – 81, December 1981, or any other methods that will provide equivalent or better protection.

7. Plans for the decontamination of a facility shall be submitted to the County Engineer for approval no later than 20 days before the commencement of such operations. Other agencies having jurisdiction shall also be notified. These agencies the California Regional Water Quality Board, the Los Angeles County Department of Health Services, and the South Coast Air Quality Management District.

8. Decontamination shall require the following, as a minimum:

   a. Cleaning operation shall be done under the supervision of persons who understand the hazardous potential of the original liquid stored and its components.
   b. The personnel shall be sufficiently skilled to safely carry out such operation.
   c. Contaminated materials removed from such facility shall be disposed of at legal point of discharge.
   d. The operation shall be carried out in a manner that will not endanger the health of the public and the environment.

CONDITIONS B – TEMPORARY

1. All temporary closures shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, "Abandonment or Removal of Underground Tanks, "Part A and any other applicable Parts.

2. A temporary closure shall not exceed 180 days.

CONDITION C – PERMANENT TANK(S) REMOVAL

1. All tank removals shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Part B and any other applicable Parts.

2. Owners/operators shall notify the Building Department having jurisdiction at the place of removal if a grading permit is necessary.

3. Removed tanks shall not be transported away from the site until an inspection to establish site integrity is carried by the County Engineer.

4. If an appointment has been arranged with a County Engineer inspector to inspect the removal of a tank, the inspector will only wait at the site a reasonable amount of time (approximately one hour) after arriving for the removal to commence. Another closure fee may be charged if the inspector has to return to the site.

5. After inspection, tank shall be transported to a legal disposal point.

6. If the tank has stored materials other than motor fuel, fuel oil or waste oil, site integrity shall be demonstrated using the soil sampling and analysis procedures described in CONDITIONS D below.

7. The site shall be filled and re-compacted to a relative compaction of 90%.

CONDITIONS D – PERMANENT

1. All permanent closures of tanks in place shall comply with Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Part B or C and any other applicable Parts.

2. Owners/operators shall demonstrate site integrity as follows:

   a. Test borings shall be slant drilled to intercept a point beneath the center of the tank, if possible. If slant drilling is not feasible, the test boring may be drilled vertically and the reason stated in the report in 2.h. below.
   b. For single tanks, a minimum of two test borings will be required, each located on opposite sides of the tank along the major axis of the tank.
   c. For multiple tanks, as a minimum, boring shall be placed at 20 foot intervals around the tank cluster. The actual number and location of borings shall be evaluated on a case-by-case basis. Tanks separated by 20 feet or more shall be considered single tanks for the purposes of test locations and placement.
   d. Soil samples shall be taken at depths of 5, 10, 20, 30 and 50 feet below grade level.
   e. A Shelby Tube or a Modified California Sampler shall be utilized for taking all soil samples.
   f. Soil samples shall not be extruded in the field but are to be immediately placed in a refrigerated ice chest and transported to a state certified laboratory for analysis, using suitable methods.
   g. A report containing the results of the above analysis shall be submitted to the County Engineer.

3. If the soil analysis in 2. above indicates the presence of contaminants, the County Engineer shall require a site investigation as described in Chapter V of the County's "Underground Storage of Hazardous Materials – Guidelines."

4. A report shall be submitted to the County Engineer containing the results of the site investigation.

CLOSURE APPLICATION SUPPLEMENT
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

PART 1 OF 3

DPW USE ONLY
SITE FILE NO. G994-62151
APPLICATION NO 905099

To satisfy the permanent closure requirements for underground storage tanks storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

***** Soil sampling will be required for Vent and Vapor Recovery piping for UST systems installed after July 1, 2003. *****

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1A, 1B	2-4 feet beneath	TPHD	→ 8015M
2A, 2B	tank invert	BTEX, MTBE	→ 8260B
3A, 3B		Fuel Oxygenates	→ 8260B
		Organic lead	→ DOHS Method
1 sample	2-4 feet below	Same as	Same as
each UDC		above	above
1 sample	2-4 feet below	Same as	Same as
piping, every 20 feet		above	above
starting from UDC's			

* Apply EPA Method 5035 for soil sample collection, preparation and analysis.

~~Test for organic lead if past UST contents or tested, or if it is unknown whether past UST contents were leaded.~~

Continued on Page 2

3. All soil samples obtained shall be discrete, undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date/time of sampling shall be included in the final report.

4. Conform to the analytical requirements table below for petroleum hydrocarbon sites. Apply EPA Method 5035 specified in the USEPA SW-846, version III (12/1996) for soil sample preparation and preservation in order to minimize volatile organic losses. Use the sample collection devices, or equivalent, specified in the method (e.g., the Encore™ sampler). If the Encore™ sampler is used, analyze sample within 48 hours from the collection. Analyze sample within 10 days for soil samples stored under frozen conditions.

UST CONTENTS	Analyte	Analytical Method	Required MDL Soil (mg/kg)	Required MDL Water (ug/L)
GASOLINE OR DIESEL	Total Petroleum Hydrocarbons (TPH) - Gasoline	EPA Method 8015 (M)	100-200	50-100
	Total Petroleum Hydrocarbons (TPH) - Diesel	EPA Method 8015 (M)	1000	500
	Benzene	EPA Method 8260B (8021B)	1	0.5
	Toluene	EPA Method 8260B (8021B)	1	0.5
	Ethylbenzene	EPA Method 8260B (8021B)	1	0.5
	Xylenes (Total)	EPA Method 8260B (8021B)	1	0.5
	Methyl Tertiary Butyl ether (MTBE)	EPA Method 8260B	2	1
	Diisopropyl ether (DIPE)	EPA Method 8260B	2	1
	Ethyl tertiary butyl ether (ETBE)	EPA Method 8260B	2	1
	Tertiary amyl methyl ether (TAME)	EPA Method 8260B	2	1
	Tertiary butyl alcohol (TBA)	EPA Method 8260B	20	10
	Ethanol	EPA Method 8260B	500	250
	Naphthalene	EPA Method 8015 (M)	1000	500
OTHER, WASTE OIL UNKNOWN	Total Recoverable Petroleum Hydrocarbons (TRPH) - Waste Oil	EPA Method 418.1 or EPA Method 1664A	1000	500
	UST Permitted Contents, all VOC's (EPA Method 8260) + To Be Determined			

Continued on Page 3

5. All soil/groundwater samples shall be analyzed by a laboratory approved by the California Environmental Accreditation Laboratory Program (ELAP).

6. Analytical results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) Detection limits for each analytical procedure and determination; d) The method of analysis; e) Signature of chemist certifying results.

7. All soil/groundwater samples obtained shall be handled and transported to laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.

9. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

10. A final report that contains all of the above required information shall be submitted to the office above within one (1) month form the sampling date or 180 days from the date of this permit, whichever is earlier.

11. All electronic data shall be submitted to the State Water Resources Control Board Geotracker database.

Subject: Fwd: 1977 Saturn St
From: Ron Franklin <ron@georgebryantconst.com>
Date: 11/14/2018, 3:10 PM
To: Rob Hansen - Aem <rhansen@altaem.com>

Here is the reply for the lead samples. The tanks were always permitted as diesel fuel

Ron Franklin
George Bryant Construction Inc
(909) 944-3517 office
(909)215-4428 cell

Begin forwarded message:

From: "Kattya Batres" <GBATRES@dpw.lacounty.gov>
To: "Ron Franklin" <ron@georgebryantconst.com>
Subject: 1977 Saturn St

Ron,

Attached you can find the pdf copy of the approved tank removal permit. In the soil sample laboratory analysis specification sheet, you can see that we require the samples to be analyzed for Organic Lead, with a note clarifying to test for it if the tanks' contents used to be leaded or if it is unknown whether they were leaded or not.
If the owner is sure these tanks never contained leaded fuel, the Organic Lead analysis can be disregarded. If there is some doubt, then it has to be included.

Best regards,
Kattya Batres
Los Angeles County Public Works
Office: (626) 458-3526

ATT00001.htm

Attachments:

1977 Saturn UST closure permit.pdf	2.9 MB
ATT00001.htm	178 bytes

CLOSURE APPLICATION SUPPLEMENT
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

PART 1 OF 3

DEPT LOG NO. STR 6497-6215
APP. NO. 9850497

To satisfy the permanent closure requirements for underground storage tanks storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

***** Soil sampling will be required for Vent and Vapor Recovery piping for UST systems installed after July 1, 2003. *****

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1A, 1B	3-4 feet beneath	TPHD	→ 8015M
2A, 2B	tank bottom	BTEX, MTBE	→ 8260B
3A, 3B		fuel oxygenates	
		? Organic lead	→ DOHS Meth.
1 sample	3-4 feet below	Same as	Same as
	each UST	above	above
1 sample	2-4 feet below	Same as	Same as
	piping, every 20 feet	above	above
	trench, from UST		

? Apply EPA Method 8015 for all sample collection, preservation and procedure.

Test for organic lead if past UST contents were leaded, or if it is [illegible]

Continued on Page 2

APPENDIX B

SOIL & GROUNDWATER SAMPLING PROCEDURES

APPENDIX B

SOIL & GROUNDWATER SAMPLING PROCEDURES

Soil Samples

- Soil samples collected from the piping trenches were obtained using a hand auger. Soil samples collected from the tank pit were obtained with a backhoe.
- A relatively undisturbed portion of each sample was also retained in general accordance with EPA method no. 5035 protocol, using an EASYDRAW® syringe. An approximate five gram sample was collected with the syringe and ejected each into four pre-tared, 40 ml glass VOA vials (two vials containing pre-measured quantities of $NaHSO_4$, one vial containing MeOH, and one vial with no preservative).
- Additional sample (for non-VOC analyses) was also collected in a laboratory approved, 4-Oz. glass jar at each location.
- All collected samples was labeled with the sample number, date and project number.
- All samples were stored in an ice chest kept at approximately 40 to 50 degrees Fahrenheit prior to transportation to a State of California, Department of Health Services certified laboratory under strict chain-of-custody procedures.
- All reusable soil sampling equipment was washed prior to each sampling events with a solution of LIQUINOX (a phosphate free detergent), rinsed with potable tap water, and then rinsed again with de-ionized water.

Groundwater Samples

- Groundwater samples were obtained with a disposable polyethylene sampling bailer lowered into the groundwater in the bottom of the UST pit.
- The groundwater samples were each retained in a 1-liter amber glass bottle containing H_2SO_4, and three 40-ml glass VOA vials with no preservative.
- All collected samples was labeled with the sample number, date and project number.
- All samples were stored in an ice chest kept at approximately 40 to 50 degrees Fahrenheit prior to transportation to a State of California, Department of Health Services certified laboratory under strict chain-of-custody procedures.

APPENDIX C

LABORATORY REPORT

Enviro - Chem, Inc.
1214 S. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: November 16, 2018

Mr. Robert Hansen
Alta GE, Inc.
8780 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2790 Fax(909)476-2819

Project: **GBC - Monterey Park / 18738-01**
Lab I.D.: **181109-36 through -52**

Dear Mr. Hansen:

The **analytical results** for the soil and water samples, received by our laboratory on November 9, 2018, are attached. The samples were received chilled, intact, and accompanying chain of custody record.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manager

Andy Nguyen
Laboratory Manager

Envirochem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 595-5905 Fax (909) 595-5907

LABORATORY REPORT

CUSTOMER: Alta EM, Inc.
9280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: GBC - Monterey Park / 18738-01

MATRIX: SOIL
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT HANSEN

DATE RECEIVED: 11/09/18
DATE EXTRACTED: 11/12/18
DATE ANALYZED: 11/13/18
DATE REPORTED: 11/20/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B; PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
PS1-4	811109-26	ND	1
Method Blank		ND	
	PQL	10	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ADJ. PQL = ADJUSTED LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:
CAL-DHS ELAP CERTIFICATE No.: 1150

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Alta EM, Inc.
6285 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: GSC - Monterey Park / 18738-01

MATRIX: Soil
SAMPLING DATE: 11/08/18
REPORT TO: Ms. Robbie Hansen

DATE RECEIVED: 11/13/18
DATE EXTRACTED: 11/13/18
DATE ANALYZED: 11/13-14/18
DATE REPORTED: 11/15/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B; PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
PS2-4	181109-37	ND	1
PS3-4	181109-38	ND	1
PS4-4	181109-39	ND	1
PS5-5	181109-40	ND	1
PS6-4	181109-41	ND	1
PS7-4	181109-42	ND	1
PS8-4	181109-43	ND	1
PS9-4	181109-44	ND	1
PS10-3.5	181109-45	ND	1
PS11-4	181109-46	ND	1
PS12-3.5	181109-47	ND	1
PS13-4	181109-48	13.2 Y	1
T3-1-10	181109-49	10.5 Y	1
T3-2-10	181109-50	ND	1
Method Blank		ND	1
	PQL	10	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
Y = PEAKS IN DIESEL RANGE BUT CHROMATOGRAM DOES NOT MATCH 1 OF 5 DIESEL STANDARD

Data Reviewed and Approved by:
CAL DHS ELAP CERTIFICATE No.: 1172

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 11/13/2018 Units: mg/Kg (ppm)

Matrix: **Soil/Solid/Sludge/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 181113-LCS1/2

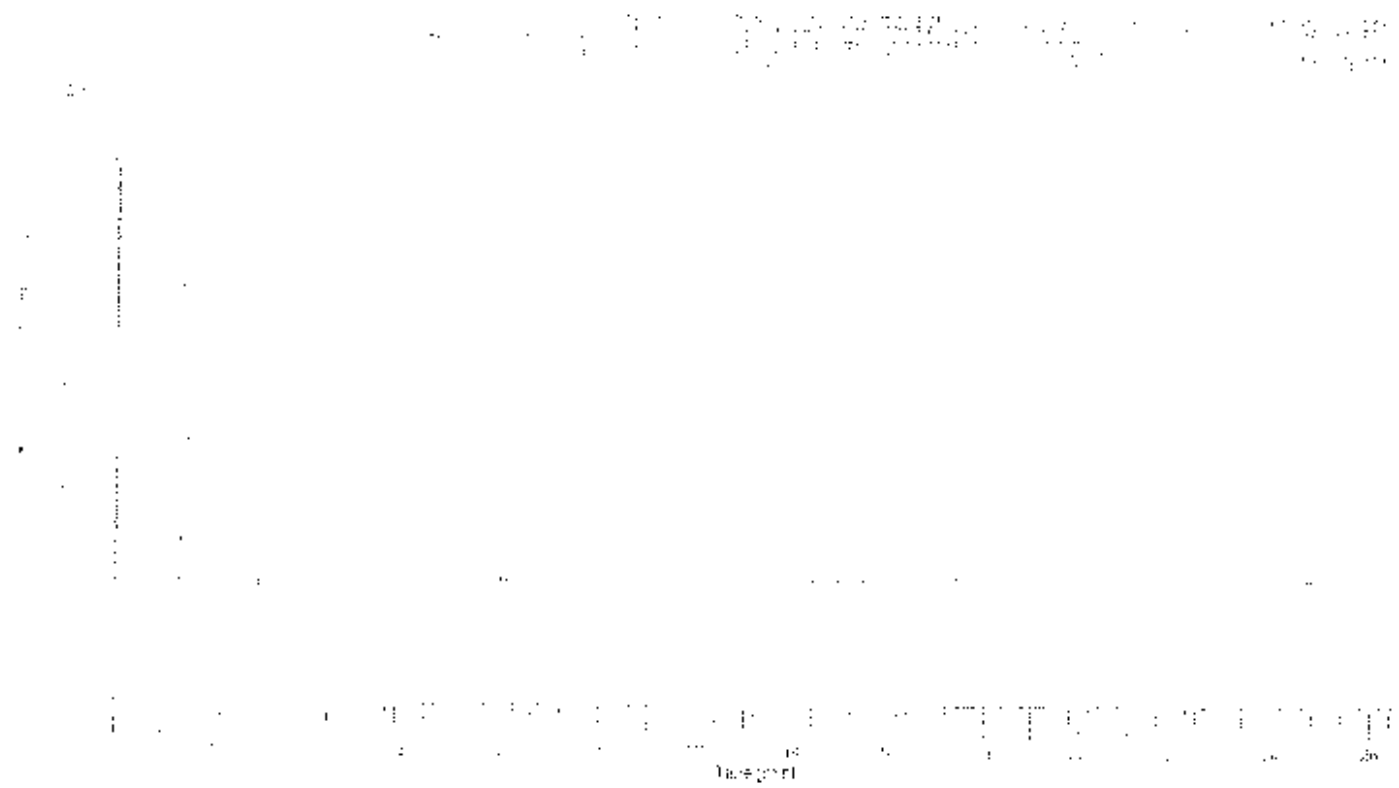
Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10-C28 Range	0	200	153	77%	151	76%	1%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10-C28 Range	200	178	89%	75-125

Analyzed and Reviewed By:

Final Reviewer:



Histogram

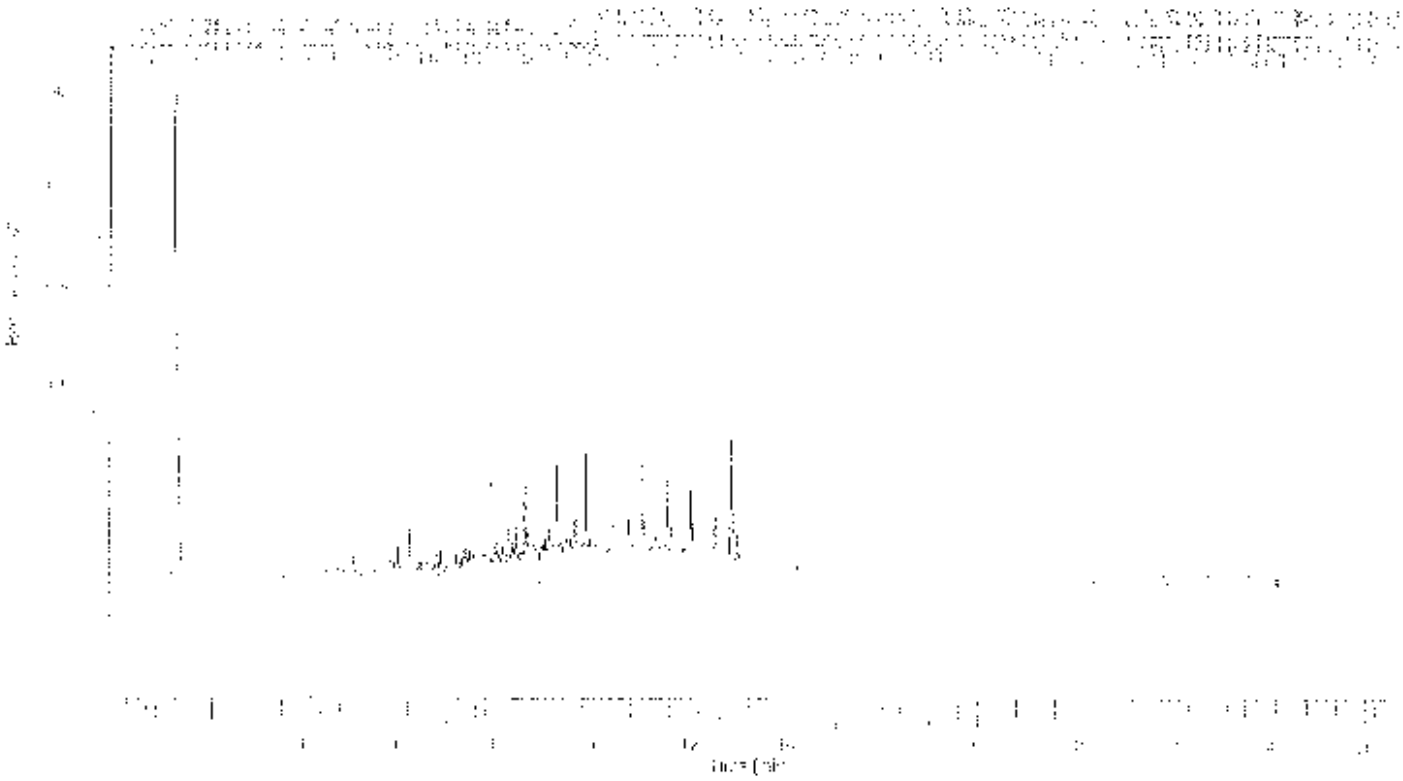
2015 Results

Laboratory:	[illegible]	Job:	[illegible]
Analyst:	[illegible]	Date Acquired:	[illegible]
Sample ID:	[illegible]	Lot:	[illegible]
Batch ID:	[illegible]	Comment:	[illegible]
Original Amount:	[illegible]	Dilution:	[illegible]

Peak Results

[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

Date	11/15/2018 4:24:29 PM
Sample Type	Unknown
Assay Type	Assay
Operator	Administrator



Results

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 11/13-14/2016 Units: mg/Kg (ppm)

Matrix: **Soil/Solid/Sludge/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **181109-37 MS/MSD**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10-C28 Range	0	200	175	88%	156	80%	10%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10-C28 Range	200	195	98%	75-125

Analyzed and Reviewed By: _____

Final Reviewer: _____

Xenco - Chem, Inc.
1913 N. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Alta EM, Inc.
9280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6919

PROJECT: GBC - Monterey Park / 18738-01

MATRIX:WATER
SAMPLING DATE:11/08/18
REPORT TO:MR. ROBERT JANSEN

DATE RECEIVED:11/09/18
DATE EXTRACTED:11/09/18
DATE ANALYZED 11/12/18
DATE REPORTED:11/13/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
TP GW1	811109-02	71	1
TP_GW2	811109-03	ND	1
Method Blank		ND	1
	PQL	500	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NOT DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:
DAS-DHS ELAP CERTIFICATE No.: 1509

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: [illegible] Units: ug/L (PPB)

Matrix: **Water/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 101111-LCS/4

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10-C28 RANGE	0	12000	14100	118%	13900	116%	1%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10-C28 RANGE	12000	10900	91%	75-125

Analyzed and Reviewed by: _____

Final Reviewer: _____

Envirochem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Alta EM, Inc.
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: GBC - Monterey Park / 19738-01
MATRIX: SOIL
SAMPLING DATE: 1/08/18
REPORT TO: Mr. Scott Hamner

DATE RECEIVED: 1/09/18
DATE ANALYZED: 1/10/18
DATE REPORTED: 1/12/18

EPA 5035/8260B FOR BTEX
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	DF
PS1-4	181109-38	ND	ND	ND	ND	1
PS2-4	181109-37	ND	ND	ND	ND	1
PS3-4	181109-36	ND	ND	ND	ND	1
PS4-4	181109-35	ND	ND	ND	ND	1
PS5-5	181109-40	ND	ND	ND	ND	1
PS6-4	181109-41	ND	ND	ND	ND	1
PS7-4	181109-42	ND	ND	ND	ND	1
PS8-4	181109-43	ND	ND	ND	ND	1
PS9-4	181109-44	ND	ND	ND	ND	1
PS10-3.5	181109-45	ND	ND	ND	ND	1
PS11-4	181109-46	ND	ND	ND	ND	1
PS12-3.5	181109-47	ND	ND	ND	ND	1
PS13-4	181109-48	ND	ND	ND	ND	1
T3-1-10	181109-49	ND	ND	ND	ND	1
T3-2-10	181109-50	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	
PQL		0.005	0.005	0.005	0.010	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NOT DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91767 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Alta EM, Inc.
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: GBC - Monterey Park / 18738-01
MATRIX: SOIL
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT DANIEL

DATE RECEIVED: 11/09/18
DATE ANALYZED: 11/10/18
DATE REPORTED: 11/19/18

EPA 5035/8260B FOR FUEL OXYGENATES
UNITS: mg/Kg - MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
PS1-4	181109-36	ND	ND	ND	ND	ND	1
PS2-4	181109-37	ND	ND	ND	ND	ND	1
PS3-4	181109-38	ND	ND	ND	ND	ND	1
PS4-4	181109-39	ND	ND	ND	ND	ND	1
PS5-5	181109-40	ND	ND	ND	ND	ND	1
PS6-4	181109-41	ND	ND	ND	ND	ND	1
PS7-4	181109-42	ND	ND	ND	ND	ND	1
PS8-4	181109-43	ND	ND	ND	ND	ND	1
PS9-4	181109-44	ND	ND	ND	ND	ND	1
PS10-3.5	181109-45	ND	ND	ND	ND	ND	1
PS11-4	181109-46	ND	ND	ND	ND	ND	1
PS12-3.5	181109-47	ND	ND	ND	ND	ND	1
PS13-4	181109-48	ND	ND	ND	ND	ND	1
T3-1-10	181109-49	ND	ND	ND	ND	ND	1
T3-1-10	181109-50	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
PQL		0.01	0.01	0.005	0.01	0.05	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL TERT-BUTYL ETHER DIPE = DIISOPROPYL ETHER
MTBE = METHYL TERT-BUTYL ETHER TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1525

Enviro Chem Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8230B QA/QC Report

Date Analyzed: [illegible]
Machine: C

Matrix: Soil/Solid/Liquid
Unit: ppb/kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: [illegible]

Analyte	S.R.	spk conc.	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.046	92%	0.045	90%	2%	75-125	0-20
Chlorobenzene	0	0.050	0.049	98%	0.050	100%	2%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.041	82%	0.043	86%	4%	75-125	0-20
Toluene	0	0.050	0.047	94%	0.047	94%	0%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.044	88%	0.045	90%	2%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.044	88%	75-125
Chlorobenzene	0.050	0.055	110%	75-125
Chloroform	0.050	0.039	78%	75-125
1,1-Dichloroethene	0.050	0.043	86%	75-125
Ethylbenzene	0.050	0.053	106%	75-125
o-Xylene	0.050	0.054	108%	75-125
m,p-Xylene	0.100	0.105	105%	75-125
Toluene	0.050	0.047	94%	75-125
1,1,1-Trichloroethane	0.050	0.040	80%	75-125
Tetrachloroethene (PCE)	0.050	0.051	102%	75-125

Surrogate Recovery	spk conc.	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	181109-36	181109-37	181109-38	181109-39	181109-40	181109-41
Dibromofluoromethane	50.0	70-130	88%	92%	91%	88%	93%	99%	96%
Toluene-d8	50.0	70-130	94%	96%	99%	96%	95%	97%	98%
4-Bromofluorobenzene	50.0	70-130	104%	106%	100%	103%	99%	101%	98%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			181109-42	181109-43	181109-44	181109-45	181109-46	181109-47	181109-48
Dibromofluoromethane	50.0	70-130	89%	90%	91%	94%	101%	104%	102%
Toluene-d8	50.0	70-130	96%	95%	99%	97%	100%	99%	99%
4-Bromofluorobenzene	50.0	70-130	102%	100%	100%	98%	102%	102%	97%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			181109-49	181109-50				
Dibromofluoromethane	50.0	70-130	100%	102%				
Toluene-d8	50.0	70-130	95%	100%				
4-Bromofluorobenzene	50.0	70-130	98%	100%				

* = Surrogate fail due to matrix interference. LCS, MS, MSD are all spiked therefore the analyses is in control.

S.R. = Sample Results
%RC = Percent Recovery
spk conc = Spike Concentration
ACP %RC = Accepted Percent Recovery
MS = Matrix Spike
MSD = Matrix Spike Duplicate

Analyzed/Reviewed By: [signature]

Final Reviewer: [illegible]

Enviro - Chem, Inc.
1214 S. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-4905 Fax (909) 590-6907

LABORATORY REPORT

CONTACT: Alta EM, Inc.
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: GDC - Monterey Park / 18738-01
MATRIX: WATER
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT HANSEN
DATE RECEIVED: 11/09/18
DATE ANALYZED: 11/15/18
DATE REPORTED: 11/15/18

EPA 5030B/8260B FOR BTEX
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	DF
TF GW1	18L09-01	ND	ND	ND	ND	1
TF GW2	18L09-02	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	1
PQL		1.00	1.00	1.00	3.00	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:
CAL-DHS ELAP CERTIFICATE NO.: 1556

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Alta EM, Inc.
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: GBC - Monterey Park / 18738-01
MATRIX: WATER
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT BALSON
DATE RECEIVED: 11/09/18
DATE ANALYZED: 11/13/18
DATE REPORTED: 11/15/18

EPA 5030B/8260B FOR FUEL OXYGENATES
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
TP GW1	181109-51	ND	ND	ND	ND	ND	1
TP GW2	181109-52	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
	PQL	5.00	5.00	3.00	5.00	50.0	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL tert-BUTYL ETHER DIPE = ISOPROPYL ETHER
MTBE = METHYL tert-BUTYL ETHER TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Dal - Reviewed and Approved by: _____
CAL DHS ELAP CERT.#2272 No.: 1500

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: [illegible]
Machine: B

Matrix: Water/Liquid
Unit: ug/L (PPB)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 181109-35 MS/MSD

Analyte	S/R	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	25.0	22.9	92%	23.8	95%	4%	75-125	0-20
Chlorobenzene	0	25.0	22.4	90%	23.7	95%	5%	75-125	0-20
1,1-Dichloroethene	0	25.0	22.2	89%	18.8	75%	14%	75-125	0-20
Toluene	0	25.0	22.4	90%	23.5	94%	5%	75-125	0-20
Trichloroethene (TCE)	0	25.0	22.7	91%	24.5	98%	7%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	25.0	21.6	86%	75-125
Chlorobenzene	25.0	21.6	86%	75-125
Chloroform	25.0	22.0	88%	75-125
1,1-Dichloroethene	25.0	21.4	86%	75-125
Ethylbenzene	25.0	20.9	84%	75-125
o-Xylene	25.0	21.6	87%	75-125
m,p-Xylene	50.0	44.2	88%	75-125
Toluene	25.0	21.6	86%	75-125
1,1,1-Trichloroethane	25.0	20.9	84%	75-125
Trichloroethene (TCE)	25.0	20.7	83%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	181109-35	181109-25	181108-20	181108-21	181108-22	181108-23
Dibromofluoromethane	25.0	70-130	96%	84%	84%	87%	87%	92%	86%
Toluene-d8	25.0	70-130	102%	100%	99%	100%	101%	101%	101%
4-Bromofluorobenzene	25.0	70-130	93%	89%	88%	94%	91%	90%	91%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			181108-24	181108-25	181108-26	181109-62	181109-51	181109-52	
Dibromofluoromethane	25.0	70-130	84%	79%	82%	82%	83%	86%	
Toluene-d8	25.0	70-130	100%	100%	100%	100%	99%	100%	
4-Bromofluorobenzene	25.0	70-130	91%	89%	90%	89%	90%	90%	

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.									
Dibromofluoromethane	25.0	70-130							
Toluene-d8	25.0	70-130							
4-Bromofluorobenzene	25.0	70-130							

* = Surrogate fail due to matrix interference. LCS, MS, MSD are in control therefore the analysis is in control
S/R = Sample Results
spk conc = Spike Concentration
MS = Matrix Spike
%RC = Percent Recovery
ACP %RC = Accepted Percent Recovery
MSD = Matrix Spike Duplicate

Analyzed/Reviewed By:

Final Reviewer:

Jessica Lin <enviroche[illegible]inc@gmail.com>

GBC -Monterey Park

Rob Hansen - AEM <rhansen@altaem.com>
To: Jessica LIN <enviroche[illegible]inc@gmail.com>
Cc: curt@enviro-chemlab.com

Wed, Nov 14, 2018 at 4:22 PM

Jessica Curt and I discussed putting the organic lead analyses on hold for those soil samples picked up last Friday. The Regulator has approved NOT doing this particular analysis, so please do not

Enviro-Chem, Inc. Laboratories
[illegible] E. Lexington Avenue,
Pomona, CA 91766
Tel: [illegible] Fax: 909) 623-5617
DHS ELAP CERTIFICATE #1555

Turnaround Time
[illegible] Same Day
[illegible] 24 Hours
[illegible] 48 Hours
[illegible] 72 Hours
[illegible] Other (specify)

SAMPLE ID	LAB #	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TOTAL PETROLEUM HYDROCARBONS	Analysis Required	COMMENTS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Enviro-Chem, Inc. Laboratories
[illegible] E. Lexington Avenue
Pomona, CA 91767
Tel: 909 [illegible] Fax: 909 [illegible]
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
[illegible]

Analysis Required

COMMENTS

Company Name:

Address:

City/State/Zip:

Project Contact:

Tel:

Fax/Email:

Sampler's Signature:

Project Name/#:

Relinquished by:

Relinquished by:

Relinquished by:

Received by:

Received by:

Received by:

Date:

Container:

Preservative:

Instructions for Sample Storage After Analysis:
☐ Dispose of ☐ Return to Client ☐ Store for 30 Days
☐ Other

CHAIN OF CUSTODY RECORD

Page [illegible] of [illegible]

APPENDIX D

OTHER REMOVAL DOCUMENTATION
(RINSATE MANIFEST, TANK DESTRUCTION / RECYCLING CERTIFICATE)

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	CAD002986628	1	909 944-3517	019436560 JJK

GENERATOR

5. Generator's Name and Mailing Address
EQUITY OFFICE
1977 SATURN STREET
MONTEREY PARK, CA 91755
Generator's Phone: 323 890-7001 Attn: ROBERT DEL RICCIO

Generator's Site Address (if different than mailing address)
EQUITY OFFICE
1977 SATURN STREET
MONTEREY PARK, CA 91755

6. Transporter 1 Company Name: ADAMS SERVICES, INC. — U.S. EPA ID Number: CAR000189431

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
DEMENNO/KERDOON
2000 N. ALAMEDA STREET
COMPTON, CA 90222
Facility's Phone: 310 537-7100
U.S. EPA ID Number: CAT080013352

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. RQ, RCRA HAZARDOUS WASTE LIQUID (WATER WITH TRACE HYDROCARBONS)	1	TT		G	343
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
AVOID EYE CONTACT & WEAR RUBBER GLOVES
ERG 128
CONTRACTOR: GEORGE BRYANT
1) WATER WITH HYDROCARBONS

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month / Day / Year

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: RUBEN JARAMILLO — Signature — Month: 11 Day: 08 Year: 18
Transporter 2 Printed/Typed Name — Signature — Month / Day / Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month / Day / Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month / Day / Year

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

AZUSA LAND RECLAMATION

1211 W. Gladstone St, Azusa, CA 91702
Phone: 626-2249127 FAX: 626-8120801

Certificate of Material Destruction

THIS RECORD IS TO CERTIFY THAT MATERIAL RECEIVED ON NOVEMBER 08, 2018 AT 13:03 PM. HAS BEEN DISPOSED OF ACCORDING TO LANDFILL BEST MANAGEMENT PRACTICES AND ALL CIWMB AND LARWQCB REGULATIONS.

Generator:	Equity Office 1977 Saturn Street Monterey Park CA 91755	Transporter Adams Services, Inc. 1 – 10,000 gallon tank	Disposal Site: Azusa Land Reclamation 1211 W. Gladstone St. Azusa, CA 91702

Azusa Land Reclamation

AZUSA LAND RECLAMATION

1211 W. Gladstone St, Azusa, CA 91702
Phone: 626-2249127 FAX: 626-8120801

Certificate of Material Destruction

THIS RECORD IS TO CERTIFY THAT MATERIAL RECEIVED ON NOVEMBER 08, 2018 AT 13:49 PM.
HAS BEEN DISPOSED OF ACCORDING TO LANDFILL BEST MANAGEMENT PRACTICES
AND ALL CIWMB AND LARWQCB REGULATIONS.

Generator: Equity Office
1977 Sather Street
Monterey Park CA 91755

Transporter
Adams Services, Inc.
1 – 10,000 gallon tank

Disposal Site: Azusa Land Reclamation
1211 W. Gladstone St.
Azusa, CA 91702

Azusa Land Reclamation

AMERICAN METAL RECYCLING

11150 REDWOOD AVE. • FONTANA, CA 92337
(909) 986-8000

Nº 65500

TANK DISPOSAL FORM

Date: 11/8/18
Job#
P.O.#

CONTRACTOR: Adams Surveys
ADDRESS: 406 E. Alameda Blvd. Covina, Ca 91723
JOB SITE: Equity Office
ADDRESS: 1900 Satellite St. Monterey Park, Ca. 91755
DESTINATION: A.M.R. 11150 REDWOOD AVE., FONTANA, CA 92337

DATE	TIME	PICKED UP TANKS	DELIVERED BY:	BOL NO.

SPECIAL INSTRUCTIONS:

TIME IN:
TIME OUT:

(1) 2000

✔	Services Rendered	Cost
	Disposal Fee	
	Extensive Loading Time	
	Disposal Fee with Permit	
	Fiberglass Tank Disposal Fee Per Tank	
	Fiberglass Delivered	
	Bobtail Disposal	
	Cancellation Fee	

TOTAL CHARGES $

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice. Contractor's signature represents acceptance of terms for payment, and confirms that tank removal complies with State laws.

CONTRACTOR'S SIGNATURE

TANKS RECEIVED

QTY	GALLONS	TYPE F*	TYPE S*	NET TONS	TOTAL
	200	☐	☐	.14	
	500	☐	☐	.21	
	550	☐	☐	.24	
	1000 - 12 ft.	☐	☐	.44	
	1000 - 8 ft.	☐	☐	.51	
	1500	☐	☐	.67	
	2000	☐	☐	.97	
	2500	☐	☐	1.14	
	3000	☐	☐	1.32	
	4000	☐	☐	1.65	
	5000	☐	☐	2.42	
	6000	☐	☐	2.84	
	7500	☐	☐	3.26	
	8000	☐	☐	3.44	
	9000	☐	☐	3.82	
	10000	☐	☐	4.33	
	12000	☐	☐	4.93	

NO. OF TANKS: 1 TOTAL NET TONS:

*F - FIBERGLASS *S - STEEL 135

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

AUTHORIZED REP.

11/8/18
DATE

INDUSTRIAL WASTE DISPOSAL PERMIT
OPERATING PERMIT-LOCAL SEWER

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
P. O. BOX 1460
ALHAMBRA, CA 91802-1460 TEL: (626) 458-3517

PERMIT NO: 000895772
EFFECTIVE DATE: 07/03/18
EXPIRATION DATE:

PERMISSION IS HEREBY GRANTED TO:

1977 SATURN STREET 299 NO. EUCLID AVENUE PASADENA, CA 91101	<< CERTIFICATE HOLDER	CC6994 065372 3P 1977 SATURN ST KATRINA JONES, GENERAL MANAGER (818) 334-2241	<<<<< FILE NUMBER/AREA <<<<< FACILITY ADDRESS <<<<< PRIMARY CONTACT <<<<< CONTACT PHONE

TO TREAT/STORE/DISPOSE INDUSTRIAL WASTE MATERIALS LOCATED AT THE FACILITY INDICATED ABOVE, UNDER THE SANITARY SEWER AND INDUSTRIAL WASTE ORDINANCE FOR:

CITY OF MONTEREY PARK LOCAL ORDINANCE/CSDLAC EXEMPT	<<<<< AREA/CITY <<<<< JURISDICTION	TITLE 14, CHAPTER 14.04 OPEN FACILITY, NOT USED	<<<<< ORDINANCE/MUN CODE <<<<< INDUSTRY

THE INDUSTRIAL WASTE OPERATIONS REGULATED BY THIS PERMIT CONSIST OF THE FOLLOWING:
DISCHARGE TIME: FROM 12.30.00 TO 12.00.00 DISCHARGE DAYS: MON-SUN
FACILITY: >1250 GAL, 3 COMP, PRECAST
SPEC INFO: 1500 GALLON CAPACITY GREASE INTERCEPTOR

THIS CERTIFICATE IS SUBJECT TO THE FOLLOWING CONDITIONS:

A1 COND & LIM, PUBLIC SEWER
B1 WASTES NOT AUTHORIZED, PUBLIC SEWER AND ON-SITE
C6 GENERAL CONDITIONS, NON-USE (CONTD)
A2 COND & LIM, SEWER NON-USE (CONTD)
C8 GENERAL CONDITIONS, NON-USE

THE PLANS APPROVED IN CONJUNCTION WITH THIS PERMIT AND ANY PLANS REFERENCED HEREIN ARE MADE PART OF THIS PERMIT. THE INDUSTRIAL WASTE CONTROL ENGINEERING INSPECTOR IN YOUR AREA WILL EXPLAIN THE PERMIT CONDITIONS, AND MAKE PERIODIC INSPECTIONS OF YOUR OPERATIONS. THIS PERMIT IS SUBJECT TO ANNUAL INDUSTRIAL WASTE INSPECTION FEES.

MARK PESTRELLA
DIRECTOR OF PUBLIC WORKS

BY: _____ DATE OF ISSUANCE: 07/03/18 38-CCS DPW 12/86
ENVIRONMENTAL PROGRAMS DIVISION

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
P. O. BOX 1460
ALHAMBRA, CA 91802-1460 TEL: (626) 458-3517

INDUSTRIAL WASTE DISPOSAL PERMIT

PERMIT NO: 000895772
EFFECTIVE DATE: 07/03/18
EXPIRATION DATE:

PERMISSION IS HEREBY GRANTED TO:

1977 SATURN STREET 299 NO. EUCLID AVENUE PASADENA, CA 91101	<< CERTIFICATE HOLDER	CC6994 065372 3P 1977 SATURN ST KATRINA JONES, GENERAL MANAGER (818) 334-2241	<<<<< FILE NUMBER/AREA <<<<< FACILITY ADDRESS <<<<< PRIMARY CONTACT <<<<< CONTACT PHONE

TO TREAT/STORE/DISPOSE INDUSTRIAL WASTE MATERIALS LOCATED AT THE FACILITY INDICATED ABOVE, UNDER THE SANITARY SEWER AND INDUSTRIAL WASTE ORDINANCE FOR:

CITY OF MONTEREY PARK LOCAL ORDINANCE/CSDLAC EXEMPT	<<<<< AREA/CITY <<<<< JURISDICTION	TITLE 14, CHAPTER 14.04 OPEN FACILITY, NOT USED	<<<<< ORDINANCE/MUN CODE <<<<< INDUSTRY

POST THIS AT YOUR LOCATION

PERMIT/CERTIFICATE

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

A1

Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802–1460

INDUSTRIAL WASTE DISPOSAL PERMIT CONDITIONS AND LIMITATIONS

PART A: ON-SITE DISPOSAL – PUBLIC SEWER

1. Disposal of industrial wastewater to the public sanitary sewer shall be limited to the flow indicated on the industrial waste disposal permit.

2. Pretreatment, monitoring and control facilities required under this permit shall consist of the system(s) indicated on the approved plans.

3. Industrial Wastewater shall at all times meet the effluent quality, indicated on the attached Part D, if applicable prior to discharge to the sanitary sewer system.

4. If applicable, the permittee shall submit periodic compliance reports, as indicated on the attached Part E and/or any self-monitoring or industrial wastewater treatment surcharge reports which may be required by the County Sanitation Districts of Los Angeles County. **Note: Self-monitoring reports required by the Sanitation Districts are to be submitted directly to the Sanitation Districts.**

5. All required industrial wastewater collection, pretreatment, monitoring, disposal and sampling facilities must be installed in accordance with approved plans prior to initiating any discharge to the sewer.

6. Dilution prohibited as substitute for treatment. Except where expressly authorized to do so by an applicable Pretreatment Standard or Requirement, no Industrial User shall ever increase the use of process water, or in any other way attempt to dilute a Discharge as a partial or complete substitute for adequate treatment to achieve compliance with a Pretreatment Standard or Requirement. The Control Authority may impose mass limitations on Industrial Users which are using dilution to meet applicable Pretreatment Standards or Requirements, or in other cases where the imposition of mass limitations is appropriate. 40 CFR 403.6(d)

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
INDUSTRIAL WASTE DISPOSAL PERMIT

AP

PART A: ON-SITE DISPOSAL - PUBLIC SEWER (CONTINUED)

6. Discharge of any toxic, flammable, explosive, corrosive, radioactive or non-biodegradable substance to the sewer is prohibited except as provided in **Part A.3** above.

7. Discharge of uncontaminated cooling water, groundwater, storm water or surface drainage water to the sanitary sewer is prohibited except as specifically authorized by this permit.

8. Discharge of industrial wastewater to the sanitary sewer with temperatures exceeding 140° F is prohibited.

9. Other: **PRIOR TO INITIATING ANY DISCHARGE TO THE SANITARY SEWER, THE APPLICANT SHALL SUBMIT A NEW APPLICATION FOR AN INDUSTRIAL WASTE DISPOSAL PERMIT (IWDP) AND SHALL SECURE SUCH IWDP. ALL PRETREATMENT SYSTEMS SHALL BE MAINTAINED IN A DRY AND SANITARY CONDITION AT ALL TIMES.**

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
INDUSTRIAL WASTE DISPOSAL PERMIT

B1

PART B: WASTES NOT AUTHORIZED FOR DISCHARGE OR DEPOSIT IN PART A

1. Industrial wastes not specifically authorized for on-site pretreatment, storage, deposit, discharge or disposal in Part A of this permit shall be stored in leakproof containers within an area designated on plans approved by the Department of Public Works pending transport to a legal point of disposal.

2. The Permittee shall determine if industrial wastes stored pursuant to Part B.1 above are hazardous wastes as defined in the California Health and Safety Code, Chapter 6.5 and as determined by California Administrative Code, Title 22, Division 4, Chapter 30 and shall manage such wastes as prescribed therein.

3. Hazardous wastes shall only be removed from the premises under a Uniform Hazardous Waste Manifest unless a variance from such documentation has been granted by the California EPA Department of Toxic Substances Control (Cal EPA). Generator copies of the Uniform Hazardous Waste Manifest shall be maintained by the Permittee for not less than three years or as directed by Cal EPA.

4. The Permittee shall maintain records of the sources, quantity, name and address of hauler, date hauled, and point of legal disposal for nonhazardous industrial wastes and wastes granted a Cal EPA variance as described in Part B.3 above. Such records shall be kept a minimum of three years. A legal point of disposal is defined as one for which waste discharge requirements have been prescribed by a California Regional Water Quality Control Board and which is in full compliance therewith or a facility authorized to receive such wastes by the jurisdiction(s) regulating the facility and is in full compliance with all permits, regulations and requirements.

5. Discharge of industrial wastewater to a channel, stormdrain, stream, river, lake, ocean or other surface waters is prohibited unless authorized by a National Pollutant Discharge Elimination System (NPDES) permit issued by a California Regional Water Quality Control Board or the U.S. Environmental Protection Agency (EPA).

6. The Permittee shall immediately notify the County of Los Angeles Department of Public Works (LACDPW) at (626) 458-3517 and the Publicly Owned Treatment Works (POTW) of all discharges that could cause problems to the POTW including slug loading, spills, bypasses, upsets, etc. A follow-up written notification describing the discharge is required to be submitted within 5 days of the incident.

7. The Permittee shall conform to the discharge prohibitions outlined in 40CFR 403.5 (a) (1) and 40CFR 403.5 (b).

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
INDUSTRIAL WASTE DISPOSAL PERMIT

C5

PART C: GENERAL CONDITIONS AND LIMITATIONS, NON-USE

1. The owner or operator of an existing industrial waste pretreatment facility who desires to maintain the facility for future reuse shall submit to the County of Los Angeles, Department of Public Works (DPW), Environmental Programs Division an application for revised Industrial Waste Disposal permit and fee pursuant to the Los Angeles County Code, Title 20, or appropriate City Code/Ordinance.

2. This application for maintain only with zero discharge is applicable to only pretreatment facilities which meet current County standards/Policies. Any pretreatment facility not in use which does not meet current County Standards/Policies must be formally closed.

3. All accumulated industrial and hazardous wastes shall be removed from the pretreatment facility to a legal point of disposal.

4. Furnish DPW with evidence of legal disposal for all wastes removed for disposal in the form of completed hazardous waste manifests or other appropriate documents.

5. Outlets associated with the pretreatment facility and which are the last open connection shall have a water tight plug or equivalent approved device installed.

6. All inlets and plumbing receptors (floor sink, floor drains, trenches, etc.) associated with and/or tributary to a pretreatment facility shall have a water tight plug or equivalent approved device installed.

7. Any severing, capping, or plugging of outlet and inlet discharge lines shall be carried out such that all applicable plumbing code regulations are complied with.

8. Any rain diversion devices shall be removed and all operations tributary to a rain diversion system shall cease.

PART C: GENERAL CONDITIONS AND LIMITATIONS, NON-USE (CONTINUED)

9. An adequate treatment system subject to this office's approval shall be installed for any discharge tributary a storm drain system.

10. Upon completion of Item Nos. 2-9 above, an inspection shall be scheduled with a DPW Waste Control Engineering Inspector. Copies of any documentation pertaining to Items 3 and 7 shall be made available to the Inspector at the time of inspection.

11. Compliance with Items 2-10 shall take place within 90 days of the issue date of this permit.

12. Pretreatment facilities capped for future use shall be kept free of dirt, debris, water, wastewater, explosive or toxic gases, and shall not be used for the temporary or permanent storage of any materials without authorization by DPW.

13. The permittee shall inform DPW in writing within five days of any change in facts required to be stated on the application for a permit.

14. The permittee shall obtain approval from DPW prior to effecting any of the following waste discharge conditions:

    A. Change in method of disposal;
    B. Change in disposal point;
    C. Change in discharge volume effecting treatment or storage facilities; or
    D. Change in character of the waste discharge.

15. Prior to this office permitting a pretreatment facility to be reactivated said facility must conform to current County Standards/Policies.

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
INDUSTRIAL WASTE PROGRAM

Name Change Form

NOTICE OF VIOLATION ORDER TO COMPLY

Date 04-09-19 Permit 853772

Owner/Operator JESUS ARNOLD Site # 006917 - 06531 065312

Site Name 1977 SATURN AVE Violation # 919410

Site Address 1977 SATURN AVE City, Zip MONTEREY PARK CA. 91754

Mailing Address 2549 N. EUCLID AVE SUITE 125 City, Zip PASADENA 91101

[X] You are hereby directed to correct the following violation(s) of: [X] Los Angeles County Code (LACC), Title 20, Utilities, Division 2, Sanitary Sewers and Industrial Waste and/or conditions and limitations of Industrial Waste Disposal Permit No. 853772

[X] City of MONTEREY PARK Municipal Code/Ordinance 14.09

[ ] Your attention is directed to your noncompliance with the Notice(s) dated _____
Violation No(s) V _____

Violation/Instructions:

[X] Excessive oil/grease/solids and/or prohibited substances in the Industrial Waste Treatment Facility (IWTF). §20.36.010, §20.36.140, §20.36.400, §20.36.402, §20.36.404, §20.36.410, §20.36.420, §20.36.430, §20.36.440, §20.36.450, §20.36.475, §20.36.610

[ ] Rain Diversion System shall be repaired and maintained in good operating condition at all times. §20.36.140, §20.36.390, §20.36.400, §20.36.610

[ ] Immediately cease the illicit discharge of waste material(s). §20.36.010, §20.36.140, §20.36.180, §20.36.400, §20.36.402, §20.36.404, §20.36.410, §20.36.420, §20.36.440, §20.36.450, §20.36.470, §20.36.475, §20.36.610

[ ] IWTF not built according to plans approved by this office. §20.36.040, §20.36.050, §20.36.140, §20.36.350, §20.36.390, §20.36.560, §20.36.570

[ ] Denied access to inspector or failed to make IWTF accessible for inspection. §20.36.140, §20.36.560, §20.36.620, §20.36.630

[ ] You must submit a letter to this office outlining the steps that will correct the improper disposal of industrial waste and/or wastewater. §20.36.140, §20.36.150

[ ] You are required to maintain the IWTF in proper working condition at all times. §20.36.010, §20.36.140, §20.36.400, §20.36.404, §20.36.420, §20.36.430, §20.36.450, §20.36.475, §20.36.610

[X] You must provide a copy of the most recent pumping record/manifest of the IWTF. §20.36.070, §20.36.140, §20.36.150

Submit requested items to the office below, or fax/email to: (323) 726-4056 / LWARRANDE@dpw.lacounty.gov

YOU ARE FURTHER DIRECTED to have the above violations corrected by 04-24-19 unless otherwise directed above. [ ] Telephone the office shown below for a return inspection.

If you have any questions regarding this matter, please contact: LARREN LARRANDE

[X] Monday through Friday, 6 a.m. to 9:30 a.m. or [ ] Monday through Thursday 7 a.m. to 5:30 p.m. (323) 890-7031

Issued By: LARREN LARRANDE
Print Name

Receipt of a copy of this report acknowledged by:

Print Name: GUSTAVO GUZMAN Title: ENGINEER

Signature: [signature] Date: 4/9/19

19-0082 (REV 10/18)

APPLICATION FOR INDUSTRIAL WASTE DISPOSAL PERMIT

FA 1800205

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
Environmental Programs Division
900 South Fremont Avenue, 3rd Floor Annex Building
Alhambra, CA 91803-1331
Telephone: (626) 458-3517 Fax: (626) 458-3569
http://www.CleanLA.com

TO BE COMPLETED BY DPW ONLY
SITE 006994 FILE 06D222
APP NO 3957666 AREA 3M
PERMIT TYPE & NO ... / ...

CHECK ONE: ☐ New Permit ☐ Permit Revision ☒ Non-Use Permit ☒ Change of Ownership (Effective Date 7/2/18

BUSINESS NAME 1977 Saturn Street Tel 818-334-2241

LEGAL COMPANY NAME BRE CA Office Owner LLC ☐ Corporation / LLC ☐ Partnership ☐ Individual ☐ Governmental Agency

LOCATION ADDRESS 1977 Saturn Street Monterey Park 91755
(Street) (City) (ZIP+4)

MAILING ADDRESS 299 No. Euclid Ave. Pasadena CA 91101
(Street) (City) (State) (ZIP+4)

TYPE OF INDUSTRY Real Estate - Lessors of Non Residential Bldgs 531120
(General Description) (Federal SIC Number(s)) (NAICS Number(s))

PROPERTY OWNER NAME BRE CA Office Owner L.L.C. Tel. 818-334-2241

PROPERTY OWNER ADDRESS 222 S. Riverside Plaza, Ste 200, Chicago, IL

ASSESSOR'S PARCEL IDENTIFICATION: Map Book ... Page ... Parcel # 5265-026-054 (From tax bill)

GENERAL DESCRIPTION: Describe each disposal method. Multiple disposal

Method of disposal: ☐ Sanitary sewer ☐ Private underground disposal system

☐ Surface waters, stream or storm drain (provide NPDES

Subject to stormwater treatment BMP approval? ☐ Yes ☐ No Type(s) of BMPs:

Raw materials used (attach MSDS's, where appropriate):

Products produced:

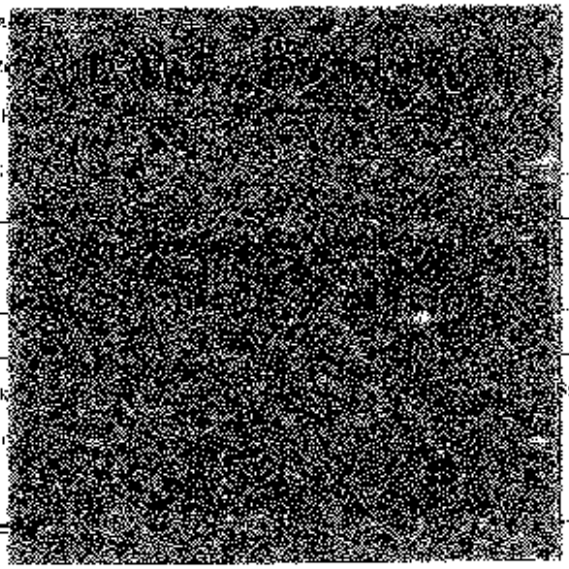
Wastewater producing operations (describe)

Constituents of waste discharge:

Hours of operation: ... to ... Days per week (Check

Average daily wastewater flow rate (gal per day):

Estimated five-minute peak wastewater flow rate (gal per min):



PERSON RESPONSIBLE FOR INDUSTRIAL WASTE DISCHARGE:

AS A CONDITION OF THE ISSUANCE OF THE PERMIT HEREIN APPLIED FOR, THE APPLICANT AGREES TO SUBMIT ADDITIONAL INFORMATION AS MAY BE REQUIRED BY THE DIRECTOR OF PUBLIC WORKS. PERMITS MAY BE SUBJECT TO ADDITIONAL CONDITIONS AND LIMITATIONS. AN ANNUAL FEE MAY BE REQUIRED UPON PERMIT ISSUANCE.
I AFFIRM THAT ALL INFORMATION FURNISHED IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

NAME (Please print) Katrina D. Jones TITLE General Manager

SIGNATURE K. D. J. DATE 7/2/18 TEL 818.334.2241

kjones@eqoffice.com

RETURN THIS APPLICATION, REQUIRED PLANS, SUPPORTING INFORMATION, AND AN APPLICATION/PLAN REVIEW FEE (CHECK FOR FEE AMOUNT) OF:	PAYABLE TO:
$ ...	COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

Items to consider when applying for Industrial Waste Disposal Permit in Los Angeles County:

Application Form:

- The Permit application must be completely filled out and signed by the person responsible for the waste discharge. Since this is an operating permit application, the signature of the consultant is NOT acceptable.
- Alternatively, the responsible party can give their consent through a letter of authorization to another person such as a contractor or an architect. The authorization letter needs to be provided to us and must contain contact information of person responsible for the permit.
- Any proposed permit application may be subject to joint permit with County Sanitation District.

Plan Requirements:

- Two (2) sets of plans for Domestic Waste Clearance (i.e. sanitary waste only)
- Four (4) sets of plans for Public Works Industrial Waste:
  - All plans shall be to scale with minimum size of 11" x 17" and preferably 24" x 36"
  - Site plan shows location of existing buildings on the property with the proposed pre-treatment system(s) indicated, address, property line, sanitary sewer and sewer connections where applies, parking spaces, occupancies of all adjoining suites, the direction North, etc.
  - Architectural floor plan identifying each area in the building by its use, i.e., food preparation, car wash, plating, laboratory, storage, office, restrooms, etc.
  - Plumbing plan showing all drains including floor drains, floor sinks, trench drains, service sinks, and supply/waste lines and facilities handling industrial wastewater from the point of origin to the connection to the point of disposal, i.e. public sewer, private disposal system, and/or holding facility for offsite disposal. All equipment or facilities generating industrial wastewater must be identified on the plans.
  - Detail drawings of all pretreatment systems with dimensions and manufacturer's specifications.

Rain Diversion System Guidelines:

- To obtain guidelines for the discharge of rainwater, please refer to County Sanitation District's website:
  - http://www.lacsd.org/wastewater/industrial_waste/typical_businesses/waterdischarges.asp

Fees:

- A permit processing fee and a plan check fee will be determined based on the type of industry and the facility location. Please contact this office for further information.

References:

- Obtaining SIC Codes: https://www.osha.gov/pls/imis/sicsearch.html
- North American Industry Classification System (NAICS): http://www.census.gov/eos/www/naics/
- LA County Sanitation District (LACSD): http://www.lacsd.org/
- LA County - Los Angeles County Office of the Assessor: http://assessor.lacounty.gov/

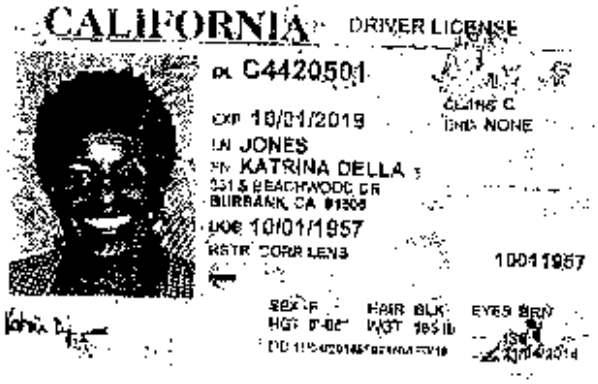
CERTIFICATION OF COMPLIANCE WITH LOS ANGELES COUNTY LOBBYIST ORDINANCE

This is to certify that I, as permit applicant, for the project located at _____ CA _____
LOCATION ADDRESS

am familiar with the requirements of Los Angeles County Code Chapter 2.160 et seq., (relating to the Los Angeles County Lobbyist Ordinance) and that all persons acting on behalf of myself have complied and will continue to comply therewith through the application process.

_____ _____
APPLICANT (PRINT NAME) APPLICANT SIGNATURE

_____ _____
COMPANY NAME (if employed by an entity/agency) DATE


CALIFORNIA DRIVER LICENSE

DL C4420501

CLASS C
END NONE

EXP 10/01/2019

LN JONES

FN KATRINA DELLA

3515 BEACHWOOD DR
BURBANK, CA 91506

DOB 10/01/1957

RSTR CORR LENS

10011957

SEX F HAIR BLK EYES BRN
HGT 5'-02" WGT 165 lb

DD 115420148

Katrina Jones
7/24/18

I authorize Ann Sudin to use these checks to pay Industrial Waste Disposal Permit fee
① Change of Ownership
② Non-use Permit

City of Monterey Park
320 W. Newmark Avenue
Monterey Park, CA 91754
(626) 307-1308

Monterey Park 15
320 W. Newmark Ave
(626)307-1340 / 86893
07/02/2018 15:40:16.000
Validation Receipt

Number 66699
Date 07/02/2018
Submitted 07/02/2018
TAG CASHIER

Fire Invoice

CHARGES-
0010701C010068SC $ 752.20
1977 SATURN ST

Sub total $752.20

PAYMENT-
Check $ 752.20
8771

Change $0.00

RECORD & PAYER INFORMATION

Record ID:	FA18-00205
Record Type:	Industrial Waste Permit
Application Name:	1977 SATURN STREET
Property Information	1977 SATURN ST 5265026054
Description of Work:	1977 SATURN STREET NON-USE PERMIT AND CHANGE OF OWNERSHIP
Applicant:	299 No. Euclid Ave. Pasadena, CA 91101

FEE DETAIL

Fee Description	Fee Amount
0010-701-0010-C5850	$752.20
	$752.20

Print Date: 07/02/2018

FIRE DEPT. COPY

Monterey Park
320 W. NEWMARK AVENUE
MONTEREY PARK, CA 91754
(626) 307-1308

Number: **66565**
Date: **07/02/2018**
Submitted: 07/02/2018

Fire Receipt

RECORD INFORMATION

Record ID: FA18-C0206

Record Type: ndustrial Waste Permit

Application Name: 1977 SATURN STREET

Property Address: 1977 SATURN ST, MONTEREY PARK, CA 91755
5265026054

Description of Work: 1977 SATURN STREET NON-USE PERMIT AND CHANGE OF OWNERSHIP

Applicant:
BRE CA Office Owner LLC
299 No. Euclid Ave.
Pasadena, CA 91101

Contractor: License No:

FEE DETAIL

Fee Description	Invoice #	Fee Amount	Current Paid
Industrial Waste Admin 17.9%	66899	$114.20	$114.20
Industrial Waste Deposit	66899	$638.00	$638.00
		$752.20	**$752.20**

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PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

1977 Saturn

1977 Saturn Street
Monterey Park, California 91755

Report Date

April 3, 2023

Partner Project No.

22-395605.1

Prepared for:

StratCap Global Data Center Group
2598 York Road
Nolensville, Tennessee 37135

Building Science | Environmental Consulting | Construction & Development | Energy & Sustainability

PARTNER

April 3, 2023

Mr. Jake Wagner
StratCap Global Data Center Group
2598 York Road
Nolensville, Tennessee 37135

Subject: Phase I Environmental Site Assessment
1977 Saturn
1977 Saturn Street
Monterey Park, California 91755
Partner Project No. 22-395605.1

Dear Mr. Wagner:

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the Phase I Environmental Site Assessment (Phase I ESA) report of the abovementioned address (the "subject property"). This assessment was performed in conformance with the scope and limitations as detailed in the ASTM Practice E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property ownership, site manager, and regulatory agencies. An assessment was made, conclusions stated, and recommendations outlined.

We appreciate the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (513) 315-7931.

Sincerely,



Robert Knight
National Client Manager

EXECUTIVE SUMMARY

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in accordance with the scope of work and limitations of ASTM E1527-13, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and set forth by StratCap Global Data Center Group for the property located at 1977 Saturn Street in Monterey Park, Los Angeles County, California (the "subject property"). The Phase I Environmental Site Assessment is designed to provide StratCap Global Data Center Group with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the subject property.

Property Description

The subject property is located on the northern side of Saturn Street and the western side of South Orange Avenue within a mixed residential and commercial area of Los Angeles County. Please refer to the table below for further description of the subject property:

Subject Property Data	
Address:	1977 Saturn Street, Monterey Park, California
Property Use:	Commercial
Land Acreage (Ac):	16.026 acres (per ALTA Survey)
Number of Buildings:	Two (Main Building and Generator Building)
Number of Floors:	Main Building: Two-story; Generator Building: One-story
Gross Building Area (SF):	209,597 SF
Net Rentable Area (SF):	205,628 SF
Date of Construction:	1979
Parcel Number:	5265-026-054
Type of Construction:	Structural steel-framed
Current Tenants:	Vacant
Site Assessment Performed By:	Destiny Johnson of Partner
Site Assessment Conducted On:	March 22, 2023
Regulatory Database Report Date:	March 17, 2023
Lien Search Date:	Not Applicable (N/A)
Report Date:	April 3, 2023
FOIAs Date:	March 2023

The subject property is improved with a vacant, two-story, split-level commercial building that was formerly occupied by Bank of the West for use as a banking office and data center until 2016. The split-level construction of the subject property building is comprised of Levels A and C on the western portion and Levels B and D on the eastern portion. Current on-site operations consist of routine general property management and maintenance. In addition to the current building, the subject property is improved with a hydraulic passenger elevator, asphalt-paved parking areas, concrete-paved walkways and flatwork, four loading docks, a utility building housing an emergency diesel generator on the northern portion, a utility

building housing utility service equipment on the southern portion, a three-stage clarifier on the southern exterior of the subject property building, a plugged dry hole on the southwestern portion, stormwater drainage features, and associated landscaping.

According to available historical sources, the subject property was formerly unimproved land as early as 1894 and developed with the current structure in 1979.

Tenants on the subject property have included Lloyds Bank (1979-1984), Sanwa Bank (1986-2007), United California Bank (2002), Union California Bank (2003), Bank of the West (2008-2016), and FIS (2016).

The adjoining properties are tabulated below:

Adjoining Properties	
North:	A single-family residence (2204 Iris Way), La Loma Park (1950 Fulton Avenue), and La Loma Reservoir (1980 Clover Drive)
Northeast:	Chuy's Nursery (1996 South Orange Avenue) on the east and west sides of South Orange Avenues
East:	South Orange Avenue followed by vacant land
South:	Saturn Street, beyond which are a commercial office building (1938 and 1968 Saturn Street), parking lots, and MUFG (1980 Saturn Street)
West:	A commercial office building (2001 Saturn Street) and a single-family residence (2000 Clover Drive)

According to a previous subsurface investigation conducted on the subject property (*Soil Sampling Results Related to UST System Removals* prepared by ALTA EM, Inc. (AEM) and dated December 5, 2018), "while a regional aquifer is not anticipated beneath the subject property area, an accumulation of relatively shallow groundwater does exist beneath the subject property at 4 to 11.5 feet below the ground surface (bgs)." Based on topographic map interpretation, groundwater flow is inferred to be toward the west-southwest.

Findings and Opinions

Recognized Environmental Condition

A recognized environmental condition (REC) refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment.

- Partner did not identify evidence of RECs during the course of this assessment.

Controlled Recognized Environmental Condition

A controlled recognized environmental condition (CREC) refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

- The subject property, identified as BRE CA Saturn, LLC at 1977 Saturn Street, is listed as a Non-Case Information site under the regulatory oversight of the Los Angeles Regional Water Quality Control Board (RWQCB) (Case Number T10000018576). According to information made available on the

State Water Resources Control Board (SWRCB) GeoTracker database, along with review of regulatory database listings and previous environmental reports, Case Number T10000018576 was previously recorded as a Leaking Underground Storage Tanks (LUST) Cleanup site in association with removal and assessment activities, conducted under the oversight of the Los Angeles County Department of Public Works (LACDPW), for three historical underground storage tanks (USTs) installed on the subject property. According to available regulatory records, building records, and previous reports two 10,000-gallon, single-walled, fiberglass, diesel fuel (USTs) (Tanks 1 and 2) were installed on the northern exterior of the subject property building in 1980 and one, 2,500-gallon steel double-walled, fiberglass coated, diesel fuel UST (Tank 3) was installed on the western exterior of the utility building located on the northern portion of the subject property in 1991. The three USTs operated to supply an on-site emergency generator system associated with former tenants of the subject property.

As further discussed in Section 5.2.6, according to a *Soil Sampling Results Related to UST System Removals* report prepared by AEM and dated December 7, 2018, upon removal of the USTs in 2018, soil samples and groundwater samples were collected and analyzed for total petroleum hydrocarbons as diesel (TPH-d), benzene, toluene, ethylbenzene, and xylenes (BTEX), and fuel oxygenates in accordance with modified Environmental Protection Agency (EPA) method no. 8015 (for TPH-d) and EPA method no. 5035/8260B (for BTEX and fuel oxygenates). Two detections of TPH-d were reported in a sample collected from beneath the piping system (15.2 milligrams per kilogram [mg/kg]) and at 10 feet bgs in the sidewall of the Tank 3 tank pit (10.5 mg/kg). BTEX and fuel oxygenates were not detected above their respective laboratory method reporting limits in any of the soil or groundwater samples and TPH-d was not detected above the laboratory method reporting limit in either of the groundwater samples.

On April 27, 2020, the LADCPW issued a letter to the RWQCB that indicated their review of the 2018 *Soil Sampling Results Related to UST System Removals* report and referral of the matter to the RWQCB for further action.

According to a letter prepared by the Los Angeles RWQCB and dated June 28, 2022, based on their review of the documentation, the Los Angeles RWQCB determined that "residual concentrations of fuel constituents [in the areas of the three historic USTs] pose low threat to human health and the environment." Therefore, no further action was required. Furthermore, the Los Angeles RWQCB indicated that subject property "data indicated that there may be residual concentrations of pollutants in soil at the subject property that could pose an unacceptable risk as a result of future construction/redevelopment activities, and/or change to a more sensitive land use from commercial use. Responsible parties, landowners, and contractors performing subsurface activities at the site should be prepared to manage properly to avoid threats to human health or the environment."

Based on the regulatory closure, reported removal of the identified USTs, completion of assessment and remedial activities, and indicated analytical results meeting the applicable regulatory standards for commercial use, the historical USTs and closed LUST case are considered a CREC, and no further investigation appears warranted at this time.

Historical Recognized Environmental Condition

A historical recognized environmental condition (HREC) refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

- Partner did not identify evidence of HRECs during the course of this assessment.

Business Environmental Risk

A *Business Environmental Risks (BER)* is a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice. The following was identified during the course of this assessment:

- Due to the age of the subject property building, there is a potential that asbestos-containing materials (ACMs) are present. Readily visible suspect ACMs were observed in fair to good condition. Should these materials be disturbed, the identified suspect ACMs would need to be sampled to confirm the presence or absence of asbestos prior to any renovation or demolition activities to prevent potential exposure to workers and/or building occupants.

No significant data gaps affecting the ability of the Environmental Professional to identify a REC were encountered during this assessment.

Conclusions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM E1527-13 of 1977 Saturn Street in Monterey Park, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of RECs or HRECs in connection with the subject property; however, a CREC and BER were identified. Based on the conclusions of this assessment, Partner recommends no further investigation of the subject property at this time.

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APPENDICES

Appendix A: Site Photographs
Appendix B: Historical/Regulatory Documentation
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1.0 INTRODUCTION

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM E1527-13 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at 1977 Saturn Street in Monterey Park, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this scope of work are described in the report.

1.1 Purpose

The purpose of this ESA is to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E1527-13) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require clean-up, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances. The information contained in the ESA Report will be used by Client to: 1) evaluate its legal and financial liabilities for transactions related to foreclosure, purchase, sale, loan origination, loan workout or seller financing; 2) evaluate the subject property's overall development potential, the associated market value and the impact of applicable laws that restrict financial and other types of assistance for the future development of the subject property; and/or 3) determine whether specific actions are required to be performed prior to the foreclosure, purchase, sale, loan origination, loan workout or seller financing of the subject property.

This ESA was performed to permit the User to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) liability (hereinafter, the "landowner liability protections," or "LLPs"). ASTM Standard E1527-13 constitutes "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B).

1.2 Scope of Work

The scope of work for this ESA is in accordance with the requirements of ASTM Standard E1527-13. This assessment included: 1) a property and adjoining site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of regulatory agency records; and 5) a review of a regulatory database report provided by a third-party vendor. Partner contacted local agencies, such as environmental health departments, fire departments and building departments in order to determine any current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the subject property. Additionally, Partner researched information on the presence of activity and use limitations (AULs) at these agencies. As defined by ASTM E1527-13, AULs are the legal or physical restrictions or limitations on the use of, or access to, a site or facility: 1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the subject property; or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions,

which may include institutional and/or engineering controls (IC/ECs), are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil or groundwater on the property.

If requested by Client, this report may also include the identification, discussion of, and/or limited sampling of asbestos-containing materials (ACMs), lead-based paint (LBP), mold, and/or radon.

1.3 Limitations

Partner warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the Scope of Work. These methodologies are described as representing good commercial and customary practice for conducting an ESA of a property for the purpose of identifying recognized environmental conditions. There is a possibility that even with the proper application of these methodologies there may exist on the subject property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. Partner believes that the information obtained from the record review and the interviews concerning the subject property is reliable. However, Partner cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the Client. No other warranties are implied or expressed.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This report is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

This practice does not address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provisions of the LLPs. Further, this report does not intend to address all of the safety concerns, if any, associated with the subject property.

Environmental concerns, which are beyond the scope of a Phase I ESA as defined by ASTM include the following: ACMs, LBP, radon, and lead in drinking water. These issues may affect environmental risk at the subject property and may warrant discussion and/or assessment; however, are considered non-scope issues. If specifically requested by the Client, these non-scope issues are discussed in Section 6.3.

1.4 User Reliance

StratCap Global Data Center Group engaged Partner to perform this assessment in accordance with an agreement governing the nature, scope and purpose of the work as well as other matters critical to the engagement. All reports, both verbal and written, are for the sole use and benefit of StratCap Global Data Center Group . Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with Partner granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, Client and their respective officers,

employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such Use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

1.5 Limiting Conditions

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM E1527-13.

Specific limitations and exceptions to this ESA are more specifically set forth below:

- Interviews with past or current owners, operators, and occupants were not reasonably ascertainable and thus constitute a data gap. Based on information obtained from other sources (as discussed in Section 3.0), this data gap is not expected to alter the findings of this assessment.
- Partner requested information relative to deed restrictions and environmental liens and a title search. This information was not provided at the time of the assessment. This data gap is not expected to alter the findings of this assessment.
- Partner submitted a Freedom of Information Act (FOIA) request to the Los Angeles Department of Public Health - Public Health Investigation (PHI) Administration for information pertaining to hazardous substances, underground storage tanks, releases, inspection records, etc. for the subject property. As of this writing, this agency has not responded to Partner's request. Based on information obtained from other resources, this limitation is not expected to alter the overall findings of this assessment.

Due to time constraints associated with this report, the Client has requested the report despite the above-listed limitations.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The subject property at 1977 Saturn Street in Monterey Park, California is located on the northern side of Saturn Street and the western side of South Orange Avenue. According to information obtained the Los Angeles County Assessor, the subject property is legally described as "**(EX OF ST) LOT 5*TR=PARCEL MAP AS PER BK 80 P 45-46 OF P M AND (EX OF ST) LOTS 1 THRU 3 AND 16 TRACT NO 33910*," and ownership has been vested in BRE CA Saturn, LLC since 2018.

Please refer to Figure 1: Site Location Map, Figure 2: Site Plan, Figure 3: Topographic Map, and Appendix A: Site Photographs for the location and site characteristics of the subject property.

2.2 Current Property Use

The subject property is improved with a vacant, two-story, split-level commercial building that was formerly occupied by Bank of the West for use as a banking office and data center until 2016. The split level construction of the subject property building is comprised of Levels A and C on the western portion and Levels B and D on the eastern portion. Current on-site operations consist of routine general property management and maintenance. In addition to the current building, the subject property is improved with a hydraulic passenger elevator, asphalt-paved parking areas, concrete-paved walkways and flatwork, four loading docks, a utility building housing an emergency diesel generator on the northern portion, a utility building housing utility service equipment on the southern portion, a three-stage clarifier on the southern exterior of the subject property building, a plugged dry hole on the southwestern portion, stormwater drainage features, and associated landscaping.

The subject property is designated as "O-P Office Professional" with a "P-D Planned Development" overlay for commercial development by the City of Monterey Park.

The subject property is identified as a Los Angeles County - Certified Unified Program Agency Program Records (CUPA LA COUNTY), Delisted California Environmental Reporting System Tanks (DELISTED CTNK), Delisted Storage Tanks (DELISTED TNK), Toxic Pollutant Emissions Facilities (EMISSIONS), Facility Registry Service/Facility Index (FINDS/FRS), Sites in GeoTracker (GEOTRACKER), Generators from Hazardous Waste Manifest Data (HAZ GEN), Historical Hazardous Waste Manifest Data (HIST MANIFEST), Los Angeles County - Hazardous Materials System List (HMS LA), Leaking Underground Fuel Tank Reports (LUST), Resource Conservation and Recovery Act Non-Generators (RCRA NON GEN), Resource Conservation and Recovery Act - Small Quantity Generators List (RCRA SQG), Permitted Underground Storage Tank in GeoTracker (UST), and Underground Storage Tank Statewide Environmental Evaluation and Planning System (UST SWEEPS) site in the regulatory database report, as further discussed in Section 4.2.2.

2.3 Current Use of Adjoining Properties

The subject property is located within a mixed residential and commercial area of Los Angeles County. During the vicinity reconnaissance, Partner observed the land uses on adjoining properties as defined in ASTM E1527-13 as any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but

for a street, road, or other public thoroughfare separating them. The adjoining properties are tabulated below:

Adjoining Properties	
North:	A single-family residence (2204 Iris Way), La Loma Park (1950 Fulton Avenue), and La Loma Reservoir (1980 Clover Drive)
Northeast:	Chuy's Nursery (1996 South Orange Avenue) on the east and west sides of South Orange Avenues
East:	South Orange Avenue followed by vacant land
South:	Saturn Street, beyond which are a commercial office building (1938 and 1968 Saturn Street), parking lots, and MUFG (1980 Saturn Street)
West:	A commercial office building (2001 Saturn Street) and a single-family residence (2000 Clover Drive)

The adjoining properties are identified as CUPA LA COUNTY, California Environmental Reporting System Tanks (CERS TANK), DELISTED TNK, EMISSIONS, FINDS/FRS, HAZ GEN, Handlers from Hazardous Waste Manifest Data (HAZNET), HIST MANIFEST, HMS LA, RCRA NON GEN, UST, UST SWEEPS, and/or DELISTED CTNK sites in the regulatory database report, as further discussed in Section 4.2.3.

2.4 Physical Setting Sources

2.4.1 Topography

The 2022 United States Geological Survey (USGS) *El Monte and Los Angeles, California* Quadrangle 7.5-minute series topographic map was reviewed for this ESA. According to the contour lines on the topographic map, the subject property elevation ranges from approximately 360 to 420 feet above mean sea level (MSL). The contour lines in the area of the subject property indicate the area is sloping moderately towards the west-southwest.

A copy of the reviewed topographic map is included as Figure 3 of this report.

2.4.2 Hydrology

While under natural and undisturbed conditions shallow groundwater flow most frequently follows the topography of the land surface, natural or man-made features can affect flow direction, and the presumed flow may not match the actual flow directions at the subject property and vicinity. Topographic map interpretation suggests the direction of groundwater flow in the vicinity of the subject property is inferred to be toward the west-southwest.

According to a previous subsurface investigation conducted on the subject property (*Soil Sampling Results Related to UST System Removals* prepared by AEM and dated December 5, 2018), "while a regional aquifer is not anticipated beneath the subject property area, an accumulation of relatively shallow groundwater does exist beneath the subject property at 4 to 11.5 feet bgs."

The nearest surface water in the vicinity of the subject property is the Garvey Reservoir located approximately 0.4 miles north of the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

According to available information, a public water system operated by the City of Monterey Park Public Works Water Department serves the subject property vicinity. The sources of public water for the City of Monterey Park are production wells located in the Main San Gabriel Groundwater Basin (Main Basin) and water purchased from the San Gabriel Water Company, which also pumps groundwater from the Main Basin. No public supply wells were identified at the subject property of the adjoining properties.

2.4.3 Geology/Soils

The subject property is situated within the Peninsular Ranges Physiographic Province of the State of California. The Peninsular Ranges is a series of ranges separated by northwest trending valleys, subparallel to faults branching from the San Andreas Fault. The trend of topography is similar to the Coast Ranges, but the geology is akin the Sierra Nevada, with granitic rock intruding the older metamorphic rocks. The Peninsular Ranges extend into lower California and are bounded on the east by the Colorado Desert. According to the Environmental Risk Information Services (ERIS) Physical Setting Report, the shallow subsurface directly beneath the subject property consists of Miocene to Pleistocene Pliocene marine rocks comprised of sandstone, siltstone, shale, and conglomerate.

Based on information obtained from the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey online database, the subject property is mapped as 1210: Urban land-Montebello-Xerorthents complex, zero to 15 percent slopes, terraced and 1232: Counterfeit-Urban land complex, 10 to 35 percent slopes, terraced. Urban land is described as areas where soils have been significantly altered in the past due to anthropogenic activities. The Montebello series consists of deep, well-drained soils that are formed in human-transported materials on graded alluvial fans that originate from granitic sources. Xerorthents refers to man-modified material, including soils rearranged in a cut and fill or as tailings heaps. The Counterfeit series consists of deep soils that formed from human-transported material which originated from material weathered from calcareous sedimentary rocks.

In addition, according to a previous Phase I ESA report prepared by Northgate Environmental Management, Inc. (Northgate) and dated March 31, 2022, which included review of a 2007 Limited Subsurface Investigation Report prepared by BVNAI, lithology beneath the pea gravel associated with former on-site USTs included clayey sand from 8 to 12 feet bgs, sandy clay from 12 to 17 feet bgs, and sand from 17 to 18 feet bgs.

2.4.4 Flood Zone Information

Partner performed a review of the Flood Insurance Rate Map (FIRM), published by the Federal Emergency Management Agency (FEMA). According to Community Panel Number 06037C1665F, dated September 26, 2008, the subject property appears to be located in Zone X (unshaded); defined as minimal risk areas outside the 1-percent and 0.2-percent-annual-chance floodplains.

A copy of the reviewed flood map is included in Appendix B of this report.

3.0 HISTORICAL INFORMATION

Partner obtained historical use information about the subject property from a variety of sources. A chronological listing of the historical data found is summarized in the table below:

Historical Use Information		
Years	**Resource**	**Description/Use**
1894-1976	Aerial Photographs, Previous Reports, Topographic Maps	Unimproved Land
1979-Present	Aerial Photographs, Building Records, City Directories, Client-Provided Information, Interview, Los Angeles County Assessor Records, Previous Reports, Site Observations	Commercial

According to available historical sources, the subject property was formerly unimproved land as early as 1894 and developed with the current structure in 1979. Tenants on the subject property have included Lloyds Bank (1979-1984), Sanwa Bank (1986-2007), United California Bank (2002), Union California Bank (2003), Bank of the West (2008-2016), and FIS (2016).

Partner's review of historical documentation, agency records, and previous reports indicates that the subject property was historically occupied by a printing facility/micro-film laboratory from at least 1982 to an unknown date (likely 2016, according to generated regulated hazardous waste on-site documented on the California Department of Toxic Substances Control [DTSC] - Hazardous Waste Tracking System [HWTS] database). Based on the operation during a time of stringent regulatory oversight, lack of violations or compliance deficiencies noted, and lack of information indicating an unauthorized release of hazardous materials, the historical use of the subject property as a printing facility/micro-film laboratory is considered a BER and no further investigation appears warranted.

Potential environmental concerns were identified in association with the former use of the subject property, as further discussed in Sections 3.3 and 4.0.

3.1 Aerial Photograph Review

Partner obtained available aerial photographs of the subject property and surrounding area from Environmental Risk Information Services (ERIS) on March 17, 2023. The inferred uses of the subject property and adjoining properties as interpreted from the aerial photographs in Appendix B are tabulated below:

Date:	***1927, 1938, 1948***	***Scale:***	***1"=500'***
Subject Property:	Appears to be unimproved land; an apparent stream and unpaved road are visible on the southern portion		
North:	Appears to be unimproved land		
Northeast:	Appears to be unimproved land		
East:	Appears to be unimproved land		
South:	Appears to be unimproved land		
West:	Appears to be unimproved land		

Date:	1956, 1964	Scale:	1"=500'
Subject Property:	No significant changes visible		
North:	Appears to be developed with the current residential structure on the eastern portion and one of two current water tanks on the eastern portion		
Northeast:	An apparent channel is visible; the remaining areas appear to be unimproved land		
East:	No significant changes visible		
South:	No significant changes visible		
West:	Appears to be developed with the current residential structure on the northern portion		

Date:	1972, 1976	Scale:	1"=500'
Subject Property:	No significant changes visible		
North:	Appears to be developed with the current park on the central portion		
Northeast:	No significant changes visible		
East:	No significant changes visible		
South:	No significant changes visible		
West:	No significant changes visible		

Date:	1987, 1994	Scale:	1"=500'
Subject Property:	Appears to be developed with the current commercial structure on the central portion and parking areas on the remaining portions		
North:	No significant changes visible		
Northeast:	Appears to be agricultural land		
East:	No significant changes visible		
South:	Appears to be developed with the current commercial structure and parking areas on the central and western portions across a roadway (Saturn Street)		
West:	Appears to be developed with the current commercial structure		

Date:	2005	Scale:	1"=500'
Subject Property:	No significant changes visible		
North:	Appears to be developed with the second current water tank on the eastern portion		
Northeast:	No significant changes visible		
East:	No significant changes visible		
South:	No significant changes visible		
West:	No significant changes visible		

Date:	2009, 2010, 2012, 2014, 2016, 2018, 2021	Scale:	1"=500'
Subject Property:	No significant changes visible		

Date:	2009, 2010, 2012, 2014, 2016, 2018, 2021	Scale:	1"=500'
North:	No significant changes visible		
Northeast:	No significant changes visible		
East:	No significant changes visible		
South:	Appears to be developed with the current commercial structure on the eastern portion across a roadway (Saturn Street)		
West:	No significant changes visible		

Copies of reviewed aerial photographs are included in Appendix B of this report.

3.2 Fire Insurance Maps

Partner contracted with ERIS to search for fire insurance map (FIM) coverage of the subject property and surrounding area. ERIS's FIM search revealed no coverage for the subject property or adjoining properties.

A copy of the no coverage documentation is included in Appendix B of this report.

3.3 City Directories

Partner reviewed historical city directories obtained from ERIS on March 23, 2023 for past names and businesses that were listed for the subject property and adjoining properties. The findings are tabulated below:

City Directory Search for 1977 Saturn Street (Subject Property)	
Year(s)	**Occupant Listed**
1985	XXXX
2003	United California Bank
2008, 2011	Bank of the West
2016	ATM, FIS, Bank of the West

** XXXX= A phone number is present but is not registered to a tenant or is disconnected*

Based on the city directory review, no environmentally sensitive listings were identified for the subject property address.

City Directory Search for 1980 Saturn Street (South Adjoining Property)	
Year(s)	**Occupant Listed**
1990	Dataserv Cmpta Mntc
1995, 1996, 2000, 2001	XXXX
2008	Bank One Uboc Primary, Union Bank California Na, Eads Telecom North America, Investment Development Services
2016	Union Bank, Union Bank ATM
2020, 2022	Union Bank

** XXXX= A phone number is present but is not registered to a tenant or is disconnected*

City Directory Search for 2001 Saturn Street (West Adjoining Property)	
Year(s)	**Occupant Listed**
2000, 2001	Tyler Trafficante Inc.
City Directory Search for 2000 Clover Drive (West Adjoining Property)	
Year(s)	**Occupant Listed**
1963	Baker Ernest C
1970	Menges Roger C
1972	Menges Roger
1975	Officer Ronald
1979, 1985, 1990, 1995, 1996	Okazaki Mas
2000, 2001	Okazaki Ben, Okazaki Mas
2003	Mas Okazaki
2008	Ben Okazaki, Mas Okazaki
2016	Mas Okazaki, Catalina Kamimura, Benjamin Okazaki
2020	Benjamin Okazaki, Catalina Kamimura
2022	Benjamin Okazaki

Based on the city directory review, no environmentally sensitive listings were identified for the adjoining property addresses.

Copies of reviewed city directories are included in Appendix B of this report.

3.4 Historical Topographic Maps

Partner reviewed historical topographic maps obtained from ERIS on March 17, 2023. The following inferred uses of the subject property and adjoining properties interpreted from topographic maps in Appendix B and are tabulated below:

Date:	***1894, 1896, 1900, 1924***
Subject Property:	Depicted as unimproved land
North:	Depicted as unimproved land
Northeast:	Depicted as unimproved land
East:	Depicted as unimproved land
South:	Depicted as unimproved land
West:	Depicted as unimproved land

Date:	***1926, 1953***
Subject Property:	Depicted with a narrow wash on the southern portion
North:	No significant changes depicted

Northeast:	Depicted with a narrow wash on the central portion
East:	No significant changes depicted
South:	No significant changes depicted
West:	Roads are depicted in 1953

Date:	***1966, 1972, 1981, 1991, 1994***
Subject Property:	No significant changes depicted
North:	Depicted with a water tank on the central portion; shaded to depict urban development on the western portion
Northeast:	Previously depicted narrow wash is no longer visible
East:	No significant changes depicted
South:	No significant changes depicted
West:	Shaded to depict urban development; depicted as developed with a commercial building on the southern portion by 1991

Date:	***2015, 2018, 2022***
Subject Property:	Only landmark features and roadways are depicted
North:	Only landmark features and roadways are depicted
Northeast:	Only landmark features and roadways are depicted
East:	Only landmark features and roadways are depicted
South:	Only landmark features and roadways are depicted
West:	Only landmark features and roadways are depicted

Copies of reviewed topographic maps are included in Appendix B of this report.

4.0 REGULATORY RECORDS REVIEW

4.1 Regulatory Agencies

4.1.1 State Department

Regulatory Agency Data	
Name of Agency:	California Environmental Protection Agency (CalEPA)
Point of Contact:	https://siteportal.calepa.ca.gov/nsite/map/help
Agency Address:	1001 I Street, Sacramento, California
Agency Phone Number:	(916) 323-2514
Date of Contact:	March 16, 2023
Method of Communication:	Online Research
Summary of Communication: The CalEPA Regulated Site Portal is a database and interactive map, which combines information from multiple state and federal data sources. The database provides an overview of regulated equipment, materials and activities for each site, such as underground and aboveground storage tanks, hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and/or toxic materials. The subject property is not identified on the CalEPA Regulated Site Portal as a regulated site.	

4.1.2 Health Department

Regulatory Agency Data	
Name of Agency:	Los Angeles Department of Public Health - Public Health Investigation (PHI) Administration
Point of Contact:	http://publichealth.lacounty.gov/phi/admin.htm
Agency Address:	313 North Figueroa Street, Los Angeles, California
Agency Phone Number:	(213) 240-7785
Date of Contact:	March 16, 2023
Method of Communication:	Emailed Request
Summary of Communication: The PHI Administration serves as the Custodian of Records for the Department of Public Health. As of the date of this report, Partner has not received a response from the PHI Administration for inclusion in this report.	

4.1.3 Fire Department

Regulatory Agency Data	
Name of Agency:	Los Angeles County Fire Department (LACoFD) Health Hazardous Materials Division (HHMD)
Point of Contact:	https://www.fire.lacounty.gov/hhmd/public-records-requests/
Agency Address:	1320 North Eastern Avenue, Los Angeles, California
Agency Phone Number:	(323) 267-7217

Date of Contact:	March 16, 2023
Method of Communication:	Online Research

Summary of Communication:

As of July 1, 2017, all Los Angeles County hazardous material report requests are handled by the LACoFD HHMD.

According to a search of available information, the subject property, identified as 1977 Saturn at 1977 Saturn Street, is listed on a CUPA Inactive Facility Inventory List under Facility ID Number FA0024090, CERS ID Number 10268983, and PE Numbers 7124, 1001, and 3002. The reviewed document on file with the LACoFD, in association with 1977 Saturn, was an Inspection Report summarizing an inspection conducted on July 1, 2015. According to notes indicated in the report, Bank of the West, the most recent occupant, moved from the subject property in 2015 and no hazardous waste was observed to be left at the building premises. In addition, hazardous material and hazardous program elements associated with Bank of the West were reported to be inactivated.

4.1.4 Building Department

Regulatory Agency Data	
Name of Agency:	City of Monterey Park Community Development Department - Building and Safety Division / City of Monterey Park - City Clerk
Point of Contact:	https://aca-prod.accela.com/MONTEREYPARK/Default.aspx
Agency Address:	320 West Newmark Avenue, Monterey Park, California
Agency Phone Number:	(626) 307-1300
Date of Contact:	March 16, 2023
Method of Communication:	Online Research/Online Request

Summary of Communication:

Records were available for review, as further discussed in the following table:

Building Records Reviewed the Subject Property		
Year(s)	**Owner/Applicant**	**Description**
1979	Lloyds Bank California	Building Permit - New construction of an office building (shell only)
1980	Lloyds Bank California	Building Permit - New construction of an office building (remaining structure)
1980	Lloyds Bank	Building Permit - Installation of sprinklers above a fuel oil line
1980	Lloyds Bank of California	Plumbing Permit - Installation of a sewer connection
1982	Lloyds Bank	Building Permit - Installation of interior partition walls for a micro-film photo laboratory
1983	Lloyds Bank California	Building Permit - Wall relocation and building alteration work
1984	Lloyds Bank	Building Permit - Interior partitions and second floor office wall extensions

Building Records Reviewed the Subject Property		
Year(s)	**Owner/Applicant**	**Description**
1986	Sanwa Bank of California	Building Permit - Office rearrangement and installation of non-bearing partitions
1987	Sanwa Bank	Building Permit - Remodeling of interior walls
1987	Sanwa Bank California	Building Permit - Installation of a 1,500-gallon grease interceptor
1988	Sanwa Bank	Plumbing Permit - Installation of one outlet for a commercial grease interceptor
1991	Sanwa Bank California	Building Permit - New construction of a 4,000-square foot utility building
1993	Sanwa Bank	Building Permit - Installation of nonbearing partitions
1994	Sanwa Bank of California	Building Permit - Rooftop structural reinforcement for seismic
1995	Sanwa Bank	Building Permit - Demolition and construction of non-bearing partitions
2004	Sanwa Bank	Building Permit - Reroof work
2007	Sanwa Bank	Building Permit - Replacement of diesel lines for a generator
2012	1977 Saturn, LLC	Certificate of Occupancy - 205,628-square foot administrative office, Occupancy Group B, Construction Type I-A
2018	1977 Saturn, LLC	Building Permit - Interior demolition on Level A
2018	1977 Saturn, LLC	Building Permit - Interior demolition on Level C
2020	1977 Saturn, LLC	Building Permit - Generator replacement
2021	1977 Saturn, LLC	Building Permit - Interior demolition on Level A
2021	1977 Saturn, LLC	Building Permit - Interior demolition on Level C

4.1.5 Planning Department

Regulatory Agency Data	
Name of Agency:	City of Monterey Park Community Development Department - Planning Division
Point of Contact:	https://www.montereypark.ca.gov/543/Zoning-Information---Development-Standard
Agency Address:	320 West Newmark Avenue, Monterey Park, California
Agency Phone Number:	(626) 307-1315
Date of Contact:	March 16, 2023
Method of Communication:	Online Research
Summary of Communication: According to reviewed online documents, the subject property is zoned as "O-P Office Professional" with a "P-D Planned Development" overlay for commercial development by the City of Monterey Park.	

4.1.6 Oil & Gas Exploration

Regulatory Agency Data	
Name of Agency:	California Department of Conservation (DOC), Geologic Energy Management Division (CalGEM)
Point of Contact:	https://www.conservation.ca.gov/calgem/Pages/WellFinder.aspx
Agency Address:	715 P Street, MS 1803, Sacramento, California
Agency Phone Number:	(916) 322-1080
Date of Contact:	March 16, 2023
Method of Communication:	Online Research

Summary of Communication:

According to information obtained from the DOC CalGEM database, one dry hole (Wellbore Number 040372012-00) was installed on the southwestern portion of the subject property. A Report of Well Abandonment prepared by the DOC Division of Oil, Gas, and Geothermal Resources (DOGGR) and dated August 9, 1967 was available for review on the DOC CalGEM database. According to the report, the dry hole was installed to a total depth of 7,920 feet and was not used to produce oil or gas. Furthermore, on July 20, 1967, the dry hole was plugged to a depth of 3,550 feet and abandoned. The DOC DOGGR indicated that their review of associated reports and records determined that all requirements relative to plugging and abandonment of the well, removal of the well equipment and junk, and filling of the well records were fulfilled. As such, the plugged dry hole is not expected to represent a significant environmental concern.

The subject property is not mapped within the boundary of a designated oil field.

4.1.7 Office of the Assessor

Regulatory Agency Data	
Name of Agency:	Los Angeles County Office of the Assessor
Point of Contact:	https://assessor.lacounty.gov/
Agency Address:	500 West Temple Street, Los Angeles, California
Agency Phone Number:	(916) 322-1080
Date of Contact:	March 16, 2023
Method of Communication:	Online Research

Summary of Communication:

According to records reviewed, the subject property is identified by Assessor Parcel Number (APN) 5265-026-054 and ownership has been vested in BRE CA Saturn, LLC since 2018. The current building was constructed in 1979 and totals approximately 205,628 square feet on a 16.026-acre lot.

4.1.8 Air Pollution Control Agency

Regulatory Agency Data	
Name of Agency:	South Coast Air Quality Management District (AQMD)
Point of Contact:	http://www.aqmd.gov/nav/FIND

Agency Address:	21865 Copley Drive, Diamond Bar, California
Agency Phone Number:	(909) 396-2000
Date of Contact:	March 16, 2023
Method of Communication:	Online Research

Summary of Communication:

According to a search of available information made available on the South Coast AQMD - Facility Information Detail (FIND) Database, one listing is associated with the subject property address. Pertinent information is summarized below:

Bank of the West at 1977 Saturn Street is recorded under Facility ID Number 63620. Although the status of the facility is indicated as "Active," observations made during Partner's site reconnaissance indicate that Bank of the West no longer occupies the subject property; therefore, the status is likely outdated. Under the recorded Facility ID Number, the subject property was issued Permits to Operate (PTOs) for various equipment:

- On March 1, 1989, Sanwa Bank California (currently known as Bank of the West) was issued PTOs for two 10,000-gallon, diesel USTs (Permit Numbers: D06057 and D06058; Permit Statuses: Inactive) and one natural gas boiler (Permit Number: D06059; Permit Status: Inactive).
- On May 22, 1989, Sanwa Bank California was issued PTOs for two diesel-fueled emergency electrical generators (Permit Numbers: D07828 and D07831; Permit Status: Inactive).
- On September 17, 1990, Bank of the West was issued a PTO for a natural gas charbroiler (Permit Number: D27227; Permit Status: Inactive).
- On May 3, 1991, Bank of the West was issued a PTO for a 2,000-gallon, diesel-fuel UST (Permit Number: D38071; Permit Status: Inactive).
- On August 6, 1992, Bank of the West was issued PTOs for three diesel-fueled emergency electrical generators (Permit Numbers: D59892, D59893, and D59829; Permit Statuses: Inactive).
- On January 1, 2001, Bank of the West was issued PTOs for three diesel-fueled emergency electrical generators (Permit Numbers D5982, D59892, and D59893; Permit Statuses: Unknown).
- In addition, on July 24, 2008, Bank of the West was issued a Notice to Comply (NTC) for failure to submit Rule 1415 registration for all refrigerant units greater than 50 pounds along with a work site filing fee by the appropriate deadline. The NTC was subsequently returned to compliance following re-evaluation on August 22, 2008.

4.1.9 Regional Water Quality Agency

Regulatory Agency Data	
Name of Agency:	State Water Resources Control Board (SWRCB)
Point of Contact:	https://geotracker.waterboards.ca.gov/
Agency Address:	1001 I Street, Sacramento, California
Agency Phone Number:	(213) 576-6600
Date of Contact:	March 16, 2023
Method of Communication:	Online Research
Summary of Communication:	

GeoTracker is the SWRCB's data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

The subject property, identified as BRE CA Saturn, LLC at 1977 Saturn Street, is listed as a Non-Case Information site under the regulatory oversight of the Los Angeles Regional Water Quality Control Board (RWQCB) (Case Number T10000018576). According to information available on the SWRCB GeoTracker database, along with review of regulatory database listings and previous reports, Case Number T10000018576 was recorded as a Leaking Underground Storage Tanks (LUST) Cleanup site in association with removal and assessment activities for three historical USTs installed on the subject property conducted under the oversight of the LACDPW in 2018. For further discussion of procedures completed with respect to the three historic USTs as well as additional assessment activities dating back to 2006, refer to Section 5.2.6. Pertinent information from documents made available on the SWRCB GeoTracker database under Case Number T10000018576 is summarized below:

- According to a letter prepared by the LACDPW and dated April 27, 2020, the LACDPW reviewed a *Soil Sampling Results Related to UST System Removals* report prepared by AEM and dated December 7, 2018, which is further discussed in Section 5.2.6. As the California RWQCB is the lead agency for the subject property mitigation, the LACDPW indicated that they have referred the matter to the said agency.
- According to a letter prepared by the Los Angeles RWQCB and dated June 28, 2022, based on their review of the aforementioned *Soil Sampling Results Related to UST System Removals* report, the Los Angeles RWQCB determined that "residual concentrations of fuel constituents [in the areas of the three historic USTs] pose low threat to human health and the environment." Therefore, no further action was required at the time of the 2022 letter. Furthermore, the Los Angeles RWQCB indicated that subject property "data indicated that there may be residual concentrations of pollutants in soil at the subject property that could pose an unacceptable risk as a result of future construction/redevelopment activities, and/or change to a more sensitive land use from commercial use. Responsible parties, landowners, and contractors performing subsurface activities at the site should be prepared to manage properly to avoid threats to human health or the environment."'

As of June 28, 2022, the status of the subject property Non-Case Information listing (Case Number T10000018576) is reported to be "Informational Item/Review Complete."

4.1.10 Department of Toxic Substances Control

Regulatory Agency Data	
Name of Agency:	California Department of Toxic Substances Control (DTSC)
Point of Contact:	http://www.envirostor.dtsc.ca.gov/public/ http://hwts.dtsc.ca.gov
Agency Address:	1001 I Street, Sacramento, California
Agency Phone Number:	(916) 323-7811
Date of Contact:	March 16, 2023
Method of Communication:	Online Research
Summary of Communication:	

The EnviroStor database is the DTSCs data management system for tracking cleanup, permitting, enforcement, and investigation efforts at hazardous waste facilities and sites with known contamination or sites where there may be reason to investigate further. No records were identified for the subject property address on the EnviroStor database.

The web based DTSC Hazardous Waste Tracking System (HWTS) was researched for hazardous waste manifest data submitted to the California DTSC. According to available information, the subject property was issued Environmental Protection Agency (EPA) Handler ID Numbers for the generation of regulated hazardous and non-hazardous waste. For further details, refer to Section 4.2.2.

4.1.11 County Department of Public Works

Regulatory Agency Data	
Name of Agency:	Los Angeles County Department of Public Works (LACDPW)
Point of Contact:	https://ladpw.org/epd/cleanla/OpenFileReview.aspx
Agency Address:	900 South Fremont Avenue, Alhambra, California
Agency Phone Number:	(626) 458-5100
Date of Contact:	March 16, 2023
Method of Communication:	Online Research

Summary of Communication:

According to available information, five File Numbers associated with subject property are on file with the LACDPW. Notable information from reviewed available documents is summarized below:

- Bank of the West is recorded under File Numbers 006994-007311 and 006994-I07311. Records filed under File Number 006994-I07311, if any, were not readily available for review. Reviewed records on file under File Number 006994-007311 included various UST integrity and compliance documents prepared between 2009 and 2014 in association with three historical USTs installed on the subject property including Monitoring System Certifications, Secondary Containment Testing Report Forms, a UST Monitoring Plan, Owner Statements of Designated UST Operators, a Storage Tank Certificate of Insurance, UST Inspection Reports, and a 2014 Notice of Violation (NOV) pertaining to missing results from a secondary containment test.
- 1977 Saturn is recorded under File Number 006994-062151. Reviewed records included various UST integrity compliance documents prepared between 2016 and 2017 in association with three historic USTs installed on the subject property including UST Inspection Reports, a Monitoring System Certification, and a Secondary Containment Re-Test Report Form. In addition, NOVs were issued in 2016 and 2017 pertaining to missing test results and compliance documents and recommendations to perform compliance tests. Furthermore, a Closure Authorization for Hazardous Substance USTs was issued on October 25, 2018 to Equity Office for permanent removal of on-site USTs.
- BRE CA Saturn, LLC is recorded under File Number 006994-065226. In addition to previously discussed documents in Section 4.1.5 and a 2018 *Soil Sampling Results Related to UST System Removals* report further discussed in Section 5.2.6., reviewed documents included an NOV issued in 2019 pertaining to submission of required documents and items to the California Environmental Report System (CERS).

- 1977 Saturn Street is recorded under File Number 006994-065372. On July 3, 2018, 1977 Saturn Street was issued an Industrial Waste Disposal Permit (Permit Number 865772) for a 1,500-gallon three-stage clarifier, also known as a grease interceptor, located on the southern exterior of the subject property building. In 2019, 1977 Saturn Street was issued a NOV pertaining to excessive oil/grease/solids and/or prohibited substances in the Industrial Waste Treatment Facility (IWTF) and failure to provide the most recent pumping records/manifest of the IWTF.

4.1.12 County Sanitation District

Regulatory Agency Data	
Name of Agency:	Los Angeles County Sanitation District (LACSD)
Point of Contact:	https://www.lacsd.org/about-us/who-we-are/contact-us/public-record-requests
Agency Address:	1955 Workman Mill Road, Whittier, California
Agency Phone Number:	(562) 908-4288 ext. 2301
Date of Contact:	March 16, 2023
Method of Communication:	Emailed Request
Summary of Communication: No records were identified for the subject property address with the LACSD.	

Copies of pertinent documents are included in Appendix B of this report.

4.2 Mapped Database Records Search

The regulatory database report provided by ERIS documents the listing of sites identified on federal, state, county, city, and tribal (when applicable) standard source environmental databases within the approximate minimum search distance (AMSD) specified by ASTM E1527-13. The data from these sources are updated as these data are released and integrated into one database. The information contained in this report was compiled from publicly available sources.

The environmental database information is used to identify environmental concerns in connection with the subject property. The listings also serve to identify the known indications of the storage, use, generation, disposal, or release of hazardous substance at the subject property and the potential for contaminants to migrate onto the subject property from off-site sources in groundwater or soil in the form of liquids or vapor.

Using the ASTM definition of migration, Partner considers the migration of hazardous substances or petroleum products in any form onto the subject property during the evaluation of each site listed on the regulatory database report, which includes solid, liquid, and vapor.

4.2.1 Regulatory Database Summary

The following table lists the sites as categorized by the regulatory database within the prescribed AMSD. The locations of the sites are plotted utilizing a geographic information system, which geocodes the site addresses. The accuracy of the geocoded locations is approximately +/-300 feet.

Database Report Data				
Database	**AMSD Radius (mile)**	**Listings Identified**		
Federal NPL	1.00	**Subject Property**	**Adjoining Properties**	**Surrounding Area Sites of Concern**
Delisted NPL Site	0.50	No	No	No
Federal SEMS Site	0.50	No	No	No
Federal SEMS-ARCHIVE	0.50	No	No	No
Federal RCRA CORRACTS Facility	1.00	No	No	No
Federal RCRA TSDF Facility	0.50	No	No	No
Federal RCRA Generators Site (LQG, SQG, VSQG, CESQG, NON GEN)	Subject and Adjoining	**Yes**	**Yes**	N/A
Federal IC/EC Registries	Subject Property	No	N	N
Federal ERNS Site	Subject Property	No	N	N
State/Tribal Equivalent NPL	1.00	No	No	No
State/Tribal Equivalent CERCLIS	1.00	No	No	No
State/Tribal Landfill/Solid Waste Disposal Site	0.50	No	No	No
State/Tribal Leaking Storage Tank Site (LUST/LPST)	0.50	**Yes**	No	No
State/Tribal Registered Storage Tank Sites (UST/AST)	Subject and Adjoining	**Yes**	**Yes**	N/A
State/Tribal IC/EC Registries	Subject and Adjoining	No	No	N/A
State/Tribal Voluntary Cleanup Sites (VCP)	0.50	No	No	No
State/Tribal Spills	0.25	No	No	No
Federal Brownfield Sites	0.50	No	No	No
State Brownfield Sites	0.50	No	No	No
Additional Environmental Records	Subject and Adjoining	No	**Yes**	N/A

4.2.2 Subject Property Listings

The subject property is identified as a CUPA LA COUNTY, DELISTED CTNK, DELISTED TNK, EMISSIONS, FINDS/FRS, GEOTRACKER, HAZ GEN, HIST MANIFEST, HMS LA, LUST, RCRA NON GEN, RCRA SQG, UST, and UST SWEEPS site in the regulatory database report, as discussed below:

Subject Property Database Listing	
Database:	CUPA LA COUNTY, DELISTED CTNK, HMS LA, UST
Site Name:	1977 Saturn; 1977 Saturn Street
Address:	1977 Saturn Street
Substance Involved:	One, 2,000-gallon diesel UST Two 10,000-gallon diesel USTs
Years of Operation:	1980 (two, 10,000-gallon diesel USTs installed) to 2018 (two, 10,000-gallon diesel USTs removed) 1991 (one, 2,000-gallon diesel UST installed) to 2018 (one, 2,000-gallon diesel UST removed)
Status:	Inactive
Discussion:	According to the CUPA LA COUNTY listing, 1977 Saturn is listed under Facility ID Number FA0024090, CERS ID Number 10268983, and PE Numbers 1001, 7124, and 3002 as an inactive CUPA program facility that is out of business and/or no longer regulated by the HHMD of the LACoFD. For further discussion of a reviewed record on file with the LACoFD in association with this listing, refer to Section 4.1.3. The HMS LA listing indicates that 1977 Saturn/1977 Saturn Street is listed under Site Number 006994 in the LACDPW Hazardous Materials System (HMS) Database. 1977 Saturn/1977 Saturn Street is recorded under File Numbers 062151 and 065372 and was issued a UST Operating Permit (Permit Number: 000842830; Permit Status: Closed) and an Operating Industrial Waste Permit for discharge to the local sewer (Permit Number: 000895772; Permit Status: Equipment Permitted). For further discussion of reviewed records on file with the LACDPW in association with this listing, refer to Section 4.1.11. The DELISTED CTNK and UST listings indicate that 1977 Saturn is recorded under Site ID Number 10890 and Facility ID Number LACoFA0024090 on a list of AST and UST sites that were removed from the CalEPA Regulated Site Portal and was issued permits to operate three USTs. For further discussion of the historical use of the subject property as a banking data center, in conjunction with the operations of three formerly on-site USTs, and respective environmental concerns, refer to Sections 3.0, 4.1, and 5.2.6.

Subject Property Database Listing	
Database:	DELISTED TNK, EMISSIONS, FINDS/FRS, HAZ GEN, HIST MANIFEST, HMS LA, RCRA SQG, UST SWEEPS
Site Name:	Sanwa Bank; Sanwa Bank California; Bank of the West

Address	1977 Saturn Street
Substance Involved:	One, 2,000-gallon petroleum UST Two waste USTs (unknown capacity)
Years of Operation:	1989 to 2016 (hazardous waste generation)
Status:	Inactive

Discussion: According to the two EMISSIONS listings, Sanwa Bank/Sanwa Bank California is listed under Facility ID Number 63620 and SIC Code 6021 (National Commercial Banks) on a list of criteria and toxic pollutant emissions data for facilities in California made available by the CalEPA - Air Resources Board (ARB). Recorded years for Criteria Data and Toxic Data ranged from 1990 to 1995; however, further details regarding types of quantities of pollutants emitted were not made available.

The FINDS/FRS listing indicates that Bank of the West is listed as a facility subject to environmental regulations under Registry ID Number 110065977090 and the interest type of "state master."

According to the HMS LA listing, Bank of the West is listed under Site Number 006994 in the LACDPW HMS Database. Bank of the West is recorded under File Numbers 007311 and I07311 and was issued a UST Operating Permit (Permit Number: 00005594T; Permit Status: Closed) and an Operating Industrial Waste Permit for discharge to the local sewer (Permit Number: 000009804; Permit Status: Closed). For further discussion of reviewed records on file with the LACDPW in association with this listing, refer to Section 4.1.11.
According to the HAZ GEN, HIST MANIFEST, and RCRA SQG listings, coupled with information from the California DTSC HWTS database, Sanwa Bank California/Bank of the West was issued EPA Handler ID Number CAD982463895 to generate regulated hazardous waste from June 1989 to June 2016, when the issued EPA Handler ID Number expired. Reported quantities of waste generated ranged from 0.08-tons (2007) to 1.06-tons (1994). As of January 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with the Sanwa Bank California/Bank of the West (EPA Handler ID Number CAD982463895).

The DELISTED TNK and UST SWEEPS listings indicate that Sanwa Bank is recorded under Facility ID Number 7311 and CC Number A19-000-7311 on a list of storage tank sites that were removed by the SWRCB and was issued permits to operate three USTs. Although the UST SWEEPS listing indicates that two waste USTs are of unknown capacity, the features are likely in reference to the aforementioned two, 10,000-gallon diesel USTs associated with the UST listing for 1977 Saturn.

For further discussion of the historical use of the subject property as a banking data center, in conjunction with the operations of three formerly on-site USTs, and respective environmental concerns, refer to Sections 3.0, 4.1, and 5.2.6.

Subject Property Database Listing	
Database:	FINDS/FRS

Site Name:	United CA Bank
Address	1977 Saturn Street
Substance Involved:	Not reported
Years of Operation:	Not reported
Status:	Inactive
Discussion:	The FINDS/FRS listing indicates that United CA Bank is listed as a facility subject to environmental regulations under Registry ID Number 110018947773 and the interest type of "small quantity generator and state master." For further discussion of the historical use of the subject property as a banking data center, in conjunction with the operations of three formerly on-site USTs, and respective environmental concerns, refer to Sections 3.0, 4.1, and 5.2.6.

Subject Property Database Listing	
Database:	FINDS/FRS, RCRA NON GEN
Site Name:	Equity Office
Address	1977 Saturn Street
Substance Involved:	Tank bottom waste
Years of Operation:	2018 to 2019 (non-hazardous waste generation)
Status:	Inactive
Discussion:	The FINDS/FRS listing indicates that Equity Office is listed as a facility subject to environmental regulations under Registry ID Number 110070439637 and the interest type of "other hazardous waste activities." According to the RCRA NON GEN listing, coupled with information from the California DTSC HWTS database, Equity Office was issued EPA Handler ID Number CAC002986628 to generate regulated non-hazardous waste from October 2018 to January 2019, when the issued EPA Handler ID Number expired. A 2018 Uniform Hazardous Waste Manifest listing made available on the DTSC HWTS database indicates that 4.17 tons of non-RCRA hazardous waste liquid (water with trace hydrocarbons) was removed from the subject property for disposal. As of January 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with Equity Office (EPA Handler ID Numbers CAC002986628). Based on the observed and reported inactive status of the facility, limited duration of hazardous waste generation, and the nature of the generated waste, these listings are not expected to represent an environmental concern.

Subject Property Database Listing	
Database:	HAZ GEN, HMS LA
Site Name:	BRE CA Saturn, LLC; BRE CA Office Owner, LLC

Address	1977 Saturn Street
Substance Involved:	Tank bottom waste
Years of Operation:	2016 to 2017 (hazardous waste generation)
Status:	Inactive
Discussion:	According to the HAZ GEN listing, coupled with information from the California DTSC HWTS database, BRE CA Office Owner, LLC was issued EPA Handler ID Number CAC002886409 to generate regulated hazardous waste from November 2016 to February 2017, when the issued EPA Handler ID Number expired. A 2018 Uniform Hazardous Waste Manifest listing made available on the DTSC HWTS database indicates that 1.88-tons of non-RCRA hazardous waste liquid (water with trace hydrocarbons) was removed from the subject property for disposal. The HMS LA listing indicates that BRE CA Saturn, LLC is listed under Site Number 006994 in the LACDPW HMS Database. BRE CA Saturn, LLC is recorded under File Number 065226 and was issued a UST Operating Permit (Permit Number: 000892942; Permit Status: Equipment Removed). For further discussion of reviewed records on file with the LACDPW in association with this listing, refer to Section 4.1.11. For further discussion of the historical use of the subject property as a banking data center, in conjunction with the operations of three formerly on-site USTs, and respective environmental concerns, refer to Sections 3.0, 4.1, and 5.2.6.

Subject Property Database Listing	
Database:	GEOTRACKER, LUST
Site Name:	BRE CA Saturn, LLC
Address	1977 Saturn Street
Date of Release:	2018
Substance Released:	Gasoline
Media Impacted:	Soil
Date of Closure:	June 28, 2022
Responsible Party:	BRE CA Saturn, LLC
Status:	Closed
Discussion:	According to the GEOTRACKER listing the subject property, identified as BRE CA Saturn, LLC at 1977 Saturn Street, is listed as a Non-Case Information site under the regulatory oversight of the Los Angeles Regional Water Quality Control Board (RWQCB) (Case Number T10000018576). In association with historical operations, two 10,000-gallon, single-walled, fiberglass, diesel fuel USTs (Tanks 1 and 2) were installed at the subject property in 1980 and one, 2,000-gallon steel double-walled, fiberglass coated, diesel fuel UST (Tank 3) was installed in 1991. Case Number T10000018576 was previously recorded as a Leaking Underground Storage Tanks (LUST) Cleanup site in association with removal of the three historical USTs on the subject property conducted under the oversight of the

	LACDPW in 2018. The subject property subsequently underwent site assessment activities and, after a review of analytical results, the Los Angeles RWQCB opined that no further action was required for the UST areas. As of June 28, 2022 the status of the subject property is indicated to be "Informational Item/Review Complete." For further discussion of procedures completed with respect to the Non-Case Information listing (formerly a LUST Cleanup Site listing) and a timeline that summarizes overall assessment and remedial procedures performed on the subject property dating back to 2006, refer to Section 5.2.6.

4.2.3 Adjoining Property Listings

The adjoining properties are identified as CUPA LA COUNTY, CERS TANK, DELISTED TNK, EMISSIONS, FINDS/FRS, HAZ GEN, HAZNET, HIST MANIFEST, HMS LA, RCRA NON GEN, UST, UST SWEEPS, and DELISTED CTNK sites in the regulatory database report, as discussed below:

Adjoining Property Database Listing	
Property Name:	T-Mobile West Site ID # IE04996A
Address:	1970 Saturn Street
Direction:	South across Saturn Street
Hydrological Gradient:	Down-gradient
Database Listing:	CUPA LA COUNTY
Substance Involved:	Not reported
Years of Operation:	Not reported
Status:	Inactive
Discussion:	According to the CUPA LA COUNTY listing, T-Mobile West Site ID # IE04996A is listed under Facility ID Number FA0041161 as an inactive CUPA program facility that is out of business and/or no longer regulated by the HHMD of the LACoFD. Based on the inactive status of the facility, inferred groundwater flow direction, lack of violations or compliance deficiencies noted, and lack of information indicating an unauthorized release of hazardous substances this listing is not expected to represent an environmental concern to the subject property.

Adjoining Property Database Listing	
Property Name:	Union Bank; Union Bank Operations Center; Union Bank (Volk Center); Daniel Rosales; Jones Lange Lasalle; Union Bank of California; CBRE Agent for Union Bank; 1X Union Bank
Address:	1980 Saturn Street
Direction:	South across Saturn Street
Hydrological Gradient:	Down-gradient

Database Listing:	CERS TANK, CUPA LA COUNTY, DELISTED TNK, EMISSIONS, FINDS/FRS, HAZ GEN, HAZNET, HIST MANIFEST, HMS LA, RCRA NON GEN, UST, UST SWEEPS
Substance Involved:	One, 4,000-gallon diesel UST One, 10,000-gallon diesel UST Generated waste includes alkaline solution without metals (pH > 12.5); Corrosive waste; Waste oil and mixed oil; Unspecified oil-containing waste; Liquids with halogenated organic compounds > 1000 mg/l; Benzene; Tetrachloroethylene; Aqueous solution with <10% total organic residues; Tank bottom waste; Aqueous solution with <10% total organic residues; Unspecified oil-containing waste; Other organic solids; Liquids with pH < 2; Asbestos-containing waste; Unspecified solvent mixture; Oil/water separation sludge; Off-specification, aged, or surplus organics; Photo chemicals / photo processing waste
Years of Operation:	1986 (one, 4,000-gallon diesel UST and one, 10,000-gallon diesel UST installed) to Unknown 1988-2022 (hazardous and non-hazardous waste generation)
Status:	Unknown

Discussion: According to the CERS TANK listing, Union Bank is listed under Site ID Number 404823 on the CalEPA Regulated Site Portal and was issued a permit to operate USTs and store chemicals. Various violations were reported between 2014 and 2022, which were returned to compliance shortly after evaluations.

The CUPA LA COUNTY listing indicates that Union Bank is listed under Facility ID Number FA0024092 and CERS ID Number 10263178 as an inactive CUPA program facility that is out of business and/or no longer regulated by the HHMD of the LACoFD.

According to the EMISSIONS listing, Union Bank (Volk Center) is listed under Facility ID Number 51882 and SIC Code 6021 (National Commercial Banks) on a list of criteria and toxic pollutant emissions data for facilities in California made available by the CalEPA - Air Resources Board (ARB). Recorded years for Criteria Data and Toxic Data ranged from 1990 to 1995; however, further details regarding types of quantities of pollutants emitted were not readily available.

The two FINDS/FRS listings indicate that Daniel Rosales/Union Bank is listed as a facility subject to environmental regulations under Registry ID Numbers 110070805844 and 110066549079, NAICS Codes 237130 (Power and Communication Line and Related Structures Construction) and 522110 (Commercial Banking), and the interest types of "unspecified universe, other hazardous waste activities, and state master."

According to the HMS LA listing. Union Bank Operations Center is listed under Site Number 009094 in the LACDPW HMS Database. Union Bank Operations Center is recorded under File Number 008139 and was issued a UST Operating Permit (Permit Number 00001066T). The status of the permit is indicated as "Equipment Permitted."

	The HAZ GEN, HIST MANIFEST, and RCRA NON GEN listings, coupled with information from the California DTSC HWTS database, indicate that the south adjoining property was issued EPA Handler ID Numbers CAC000072285 (1988-2000), CAL000030909 (1990-2001), CAC002624712 (2007-2008), CAC002636790 (2008-2009), CAC002678253 (2011-2012), CAC002776206 (2014), CAC002762786 (2014), CAC002852770 (2016), CAC002877989 (2016), CAC002864894 (2016), CAC002882250 (2016-2017), CAC002930430 (2018), CAC003062333 (2020), CAC002971095 (2018), CAC003155280 (2022), and CAC003192019 (2022) to generate regulated hazardous and non-hazardous waste. Reported quantities of waste generated ranged from 0.1-ton (2016) to 13.56 tons (2014). As of January 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with the south adjoining property (EPA Handler ID Numbers CAC003062333, CAC003155280, CAC003192019, and CAC002971095). According to the DELISTED TNK, UST, and UST SWEEPS listings, the south adjoining property is recorded under Facility ID Number 8139 and Facility ID Number LACoFA0024092 on a list of storage tank sites that were removed by the SWRCB and was issued permits to operate at least two USTs. Based on the inferred groundwater flow direction, status of reported violations (returned to compliance), and lack of information indicating an unauthorized release of hazardous materials these listings are not expected to represent an environmental concern for the subject property.

Adjoining Property Database Listing	
Property Name:	Union Bank; 2001 Saturn Street; 2001 Saturn, LLC
Address:	2001 Saturn Street
Direction:	Adjoining to the west
Hydrological Gradient:	Down-gradient
Database Listing:	CUPA LA COUNTY, DELISTED CTNK, RCRA NON GEN
Substance Involved:	Not reported
Years of Operation:	2022 to 2023 (non-hazardous waste generation)
Status:	Unknown
Discussion:	According to the CUPA LA COUNTY listing, Union Bank is listed under Facility ID Number FA0040835 and CERS ID Number 10267867 as an active CUPA program facility that is regulated by the HHMD of the LACoFD. The DELISTED CTNK listing indicates that 2001 Saturn Street is recorded under Site ID Number 78726 on a list of Aboveground Petroleum Storage and UST sites that were removed from in the CalEPA Regulated Site Portal. According to the two RCRA NON GEN listings, coupled with information from the California DTSC HWTS database, 2001 Saturn, LLC was issued EPA Handler ID Numbers CAC003195784 and CAC003198580 to generate regulated non-hazardous waste from

	September 2022 to December 2022 and from October 2022 to January 2023, respectively. Details regarding quantities of waste and types of waste generated were not made available on the DTSC HWTS database. As of January 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with 2001 Saturn, LLC (EPA Handler ID Numbers CAC003195784 and CAC003198580). Based on the inferred groundwater flow direction, lack of violations or compliance deficiencies noted, and lack of information indicating an unauthorized release of hazardous materials these listings are not expected to represent an environmental concern for the subject property.

Based on the findings, vapor migration from the adjoining properties is not expected to represent a significant environmental concern at this time.

4.2.4 Surrounding Area Listings of Concern to Subject Property

Based on various mitigating factors including relative distance from the subject property, inferred direction of groundwater flow, media affected, and/or regulatory status, the remaining sites listed within the specified search radius of the subject property which appeared on local, State, or Federally published databases that report releases of hazardous substances, are not expected to represent an environmental concern.

Based on the findings, vapor migration from the surrounding properties is not expected to represent an environmental concern at this time.

4.2.5 Unplottable Listings

No unplottable listings are identified in the regulatory database report.

A copy of the regulatory database report is included in Appendix C of this report.

5.0 USER PROVIDED INFORMATION AND INTERVIEWS

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *Brownfields Amendments*), the *User* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The *User* should provide the following information to the *environmental professional*. Failure to provide this information could result in a determination that *all appropriate inquiries* is not complete. The *User* is asked to provide information or knowledge of the following:

- Review Title and Judicial Records for Environmental Liens and AULs
- Specialized Knowledge or Experience of the User
- Actual Knowledge of the User
- Reason for Significantly Lower Purchase Price
- Commonly Known or *Reasonably Ascertainable* information
- Degree of Obviousness
- Reason for Preparation of this Phase I ESA

Fulfillment of these user responsibilities is key to qualification for the identified defenses to CERCLA liability. Partner requested our Client to provide information to satisfy User Responsibilities as identified in Section 6 of the ASTM guidance.

Pursuant to ASTM E1527-13, Partner requested the following site information from StratCap Global Data Center Group (User of this report).

User Responsibilities		
Item	**Provided By User**	**Not Provided By User**
AAI User Questionnaire		**X**
Title Records, Environmental Liens, and AULs		**X**
Specialized Knowledge		**X**
Actual Knowledge		**X**
Valuation Reduction for Environmental Issues		**X**
Identification of Key Site Manager	**X**	
Reason for Performing Phase I ESA	**X**	
Prior Environmental Reports	**X**	
Other		**X**

5.1 Interviews

5.1.1 Interview with Owner

The owner of the subject property since 2018, identified as BRE CA Saturn, LLC, was not available to be interviewed at the time of the assessment.

5.1.2 Interview with Report User

Please refer to Section 5.2 below for information requested from the Report User. The information requested was not received prior to the issuance of this report. The lack of this information is not considered to represent a significant data gap.

5.1.3 Interview with Key Site Manager

Mr. Robert Del Hierro, key site manager, indicated that they had no information pertaining to any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

Mr. Del Hierro further stated that there are no USTs, ASTs, oil/water separators, groundwater monitoring wells, or hazardous substance use/storage/generation on the subject property to the best of their knowledge, except for the diesel AST associated with the emergency generator, discussed in Section 6.2.2.

5.1.4 Interviews with Past Owners, Operators and Occupants

Interviews with past owners, operators, and occupants were not reasonably ascertainable and thus constitute a data gap.

5.2 User Provided Information

5.2.1 Title Records, Environmental Liens, and AULs

Partner was not provided with title records or environmental lien and AUL information for review as part of this assessment.

5.2.2 Specialized Knowledge

No specialized knowledge of environmental conditions associated with the subject property was provided by the User at the time of the assessment.

5.2.3 Actual Knowledge of the User

No actual knowledge of any environmental lien or AULs encumbering the subject property or in connection with the subject property was provided by the User at the time of the assessment.

5.2.4 Valuation Reduction for Environmental Issues

No knowledge of valuation reductions associated with the subject property was provided by the User at the time of the assessment.

5.2.5 Commonly Known or Reasonably Ascertainable Information

The User did not provide information that is commonly known or reasonably ascertainable within the local community about the subject property at the time of the assessment.

5.2.6 Previous Reports and Other Provided Documentation

The following information was provided to Partner for review during the course of this assessment:

Phase I Environmental Site Assessment Report, prepared by Northgate Environmental Management, Inc. (Northgate), dated March 31, 2022

Northgate Environmental Management, Inc. (Northgate) prepared this report on behalf of EQ Office. The assessment was reportedly performed in accordance with ASTM Standard E1527-13 and consisted of a site reconnaissance, interviews with knowledgeable personnel, review of historical information, and a review of federal, state, and local regulatory databases. Pertinent information contained in this report is summarized below:

- At the time of the 2022 assessment, the subject property was vacant and last occupied by a Bank of the West office.
- According to the Northgate report, the historical use of the subject property "consisted of primarily undeveloped land with a former oil and gas exploration well (abandoned in 1967) until 1980 when it was redeveloped into the current configuration. Historic operations at the commercial office were reported to include a commercial kitchen with a grease interceptor as well as a small print shop and photo room with an industrial waste discharge permit to the sewer. A utility building was constructed to the north of the commercial office building in 1990 that primarily housed an emergency generator system."
- Identified former tenants of the subject property in the 2022 assessment included Sanwa Bank (1994), an unknown occupant (1999), Bank of the West (2004-2014), Marriott International, Inc. (2004-2009), and SODEXHO Corp. (2009). In addition, Bank of the West was reported to have been identified under various business names due to several acquisitions including Lloyd's Bank (1980-1986), Sanwa Bank (1986-2001), United California Bank (2002), followed by Bank of the West.
- The following notable observations were made during Northgate's site reconnaissance:
    - "No chemicals or hazardous materials or wastes were observed to be generated, stored, or used in any portion of the commercial office building.
    - A smaller utility building located to the north of the commercial office building was observed to house a diesel-powered emergency backup generator. No staining or evidence of a release was observed at the generator or in this area."
- According to the Northgate report, two 10,000-gallon single-walled fiberglass tanks containing diesel fuel were installed at the subject property in 1980 and a 2,000-gallon steel double-walled fiberglass coated tank containing diesel was installed in 1991. The three USTs were reported to historically operate at the subject property to supply the emergency generator system and no dispensing operations were noted. Northgate noted the following:
    - In 2006, the original piping associated with the USTs was reportedly removed and replaced with double walled piping. At the time of piping removal, soil samples were collected that reported low concentrations of diesel at 12 and 15 milligrams per kilogram (mg/kg). In 2007, a limited subsurface investigation was conducted and analytical results indicated low

concentrations of total petroleum hydrocarbons as diesel (TPH-d) in two of five soil samples collected. TPH-d was reported in soil samples collected from the same location at depths of 14.5 to 15 feet below ground surface (bgs) at 658 mg/kg and at a depth of 17.5 to 18 feet bgs at a concentration of 238 mg/kg. Northgate noted that concentrations were shown to attenuate with depth and are below the Regional Water Quality Control Board – Los Angeles Region (RWQCB) Soil Screening Level of 1,000 mg/kg.

- An additional limited subsurface investigation conducted in 2014 by the LACDPW did not report concentrations of TPH-d or volatile organic compounds (VOCs) above the laboratory reporting limits in any of the 23 soil samples collected from four borings advanced to 40 feet bgs at the subject property.
- The tanks were removed from the subject property in 2018 with soil and water samples collected at the time of removal from within the excavation cavity and below the former piping. Samples collected at the time of tank removal did not report concentrations of TPH-d above the laboratory method reporting limits within the tank excavation cavity and only low concentration of TPH-d were reported below regulatory screening criteria in samples beneath the former piping. However, it was noted that no soil sampling was conducted beneath the concrete pads below the UST. A closure report documenting the above referenced soil sampling dated December 7, 2018, was submitted to and received by the LACDPW in January 2019.
- A no further action (NFA) letter was recommended and the LACDPW referred the subject property to the RWQCB on April 27, 2020. At the time of the 2022 assessment, the subject property was identified as an inactive Leaking Underground Storage Tank (LUST) Cleanup Site as of February 11, 2022, that was under review by the RWQCB.

Northgate reviewed previous reports for the subject property provided by EQ Office or obtained from the agency file reviews as summarized below:

- *Phase I Environmental Site Assessment,* prepared by Bureau Veritas North America, Inc. (BVNAI), dated June 18, 2007
    - At the time of the 2007 assessment, the subject property was occupied by a bank data center that included a cafeteria with a kitchen on Level C.
    - According to the BVNAI report, on August 18, 1988, the subject property was issued an industrial waste disposal permit for the operation of a 1,500-gallon grease interceptor likely associated with the former kitchen.
    - During the site reconnaissance, BVNAI noted the presence of a floor drain that was reportedly closed in 1998 by the LADPW and a trench and sump pump that were reportedly installed in 1993 at the kitchen area on Level C.
    - BVNAI indicated that, in October 1989, a survey for asbestos-containing materials (ACMs) was conducted at the subject property which consisted of the visual inspection of accessible areas, construction material sampling, and air monitoring. ACMs were reported to be detected in samples of pipe run insulation (east roof hot water heater room), floor

tile mastic (print shop), and roofing mastic. An Operations and Maintenance Program was noted to be in place for the subject property.

  - BVNAI identified the presence of three USTs (two, 10,000-gallon diesel USTs and one, 2,000-gallon diesel UST) at the subject property as a REC and recommended soil sampling in the vicinity of the USTs.

- *Limited Subsurface Investigation Report for Two 10,000-Gallon Diesel USTs at 1977 Saturn Street, Monterey Park, California,* prepared by BVNAI), dated June 26, 2007
  - The purpose of the Limited Subsurface Investigation was to assess potential subsurface impacts in the area of two of three identified USTs outlined in the 2007 BVNAI Phase I ESA.
  - Subsurface investigation activities included a geophysical survey, advancement of five soil borings to 18 feet bgs, and soil sample collection. Due to refusal encountered at 8 feet bgs at one location, only four borings were advanced at the corners of the UST area. A map was not provided to indicate the location of the borings relative to the USTs or the subject property.
  - Diesel staining was observed at a depth of approximately 14 feet bgs in one boring (BVSB-1). In addition, according to the Chief Engineer of the subject property at the time of the investigation, Mr. Joe Robelo, in 1991, approximately five gallons of diesel were released in the area of boring BVSB-1 during a piping re-modification project. Mr. Robelo indicated that the contractor cleaned up the release and no further information was available.
  - Soil samples were collected from each of the four borings at approximately 17.5 to 18 feet bgs and an additional sample was collected at a depth of 14.5 to 15 feet bgs from boring BVSB-1. Concentrations of TPH-d were reported in the two samples collected at depths of 14.5 to 15 feet bgs and 17.5 to 18 feet bgs in boring BVSB-1 at concentrations of 658 and 238 mg/kg, respectively.
- *Phase I Environmental Site Assessment Report,* prepared by Leighton Consulting, Inc. (LCI), dated December 10, 2014
  - At the time of the 2014 assessment, the subject property was occupied by a banking operations and office center.
  - The following notable observations were made during LCI's site reconnaissance:
    - A utility building on the northern portion of the subject property, constructed in 1991, housed a generator room with three 55-gallon aboveground storage tanks and a 2,000-gallon diesel UST.
    - LCI observed 55-gallon drum-sized containers for the storage of compressed oil, oil pit sludge and water, waste diesel/water mix, and chemicals for roof-level cooling equipment located in the generator room, Level A storage room, and on the roof.
  - According to the LCI report, in 2014, a subsurface environmental assessment was conducted on the subject property by the LACDPW to assess potential releases associated

with the on-site USTs. The assessment reportedly did not identify any significant soil staining and no evidence suggesting a fuel release from the USTs was reported. As such, the LACDPW concluded that the subject property was not impacted in the areas assessed and no further assessment was recommended.

- LIC identified one plugged and abandoned oil well (API 03720192) to potentially be located on the subject property or possibly off-site to the south as the precise location could not be determined. The well was reportedly drilled to a total depth of 7,920 feet bgs and was abandoned shortly after in 1967.
    - Further research conducted by Northgate as part of the 2022 Phase I ESA indicated that the feature is a plugged and abandoned dry hole that did not produce oil or gas located on the subject property.
- LIC did not identify any RECs associated with the subject property; however, their report identified the following environmental conditions of potential concern and provided the associated recommendations:
    - The potential presence of one plugged and abandoned oil well located on the southwestern portion of the subject property was identified as a part of the assessment. LCI recommended direct field investigation to assess the location of the former oil well prior to new construction in this portion of the subject property. If an oil well is identified, LCI noted that the Division of Oil, Gas, and Geothermal Resources (presently identified as CalGEM) should be contacted to evaluate requirements for investigation and possible re-abandonment to current regulatory standards before any improvements commence at the Site.
    - The presence of three diesel USTs at the subject property for the operation of a backup generator system were identified as a part of the assessment. LCI recommended that if the USTs are not going to be used for proposed future operations that they be properly removed according to applicable regulatory guidelines with observation for evidence of releases beneath the tanks and piping.
    - A small on-site print shop and photo room with an industrial waste permit to discharge waste to the sewer were identified as a part of the assessment. No inappropriate discharge or leaks were identified; however, LCI recommended that observations for evidence of releases beneath the sewer lines be conducted if the building and associated utilities are demolished.
    - ACMs, (lead-based paint) LBP, and universal waste were reported to be located within the on-site structures. The locations, estimated quantities, and recommendations for their handling if disturbed during renovation or demolition activities are noted to be reported under a separate cover that was not made available to Northgate.

- *Observation of Limited Subsurface Investigation Activities,* prepared by URS, dated December 11, 2014

- URS prepared a letter summary of their observations of a limited subsurface investigation conducted by the LACDPW, which appears to be the investigation referenced in the LCI Phase I ESA above, dated December 11, 2014.
- On October 4 and 5, 2014, three borings were advanced to 40 feet bgs. Four borings were originally proposed to a total depth of 50 feet bgs; however, pea gravel was encountered in one boring (B-3). As such, the LACDPW decided to not advance boring B-3 to avoid impacting the integrity of the overlying surface parking lot. The total depth of the borings was not extended to the originally proposed 50 feet bgs as no field evidence of impacts were observed through 40 feet bgs.
- URS collected six split samples concurrent with the LACDPW investigation. Soil samples were collected at depths of 15 and 25 feet bgs from two borings (B-1 and B-2) and at depths of 10 and 20 feet bgs from the third boring (B-4). The soil samples were selected based on the judgement of an associated field geologist and were generally determined to be below the depths of the tank bottoms. URS noted that the LACDPW collected eight soil samples from borings B-1 and B-4 and seven soil samples from boring B-2.
- Soil samples were analyzed for TPH-d and VOCs and no VOCs or TPH-d were reported above their laboratory method reporting limits in any of the six soil samples collected for analysis by URS.
- Northgate noted that a copy of the laboratory analytical report for collected samples was provided as an appendix to the summary letter. A review of the analytical report indicated that no VOCs or TPH-d were reported above the laboratory method reporting limits in any of the 23 soil samples collected for analysis by LACDPW.

- *Soil Sampling Results Related to UST System Removals,* prepared by ALTA EM, Inc. (ALTA), dated December 7, 2018
  - ALTA prepared this report summarizing the results of tank system removals and associated soil sampling activities conducted at the subject property in 2018.
  - Details of the removed USTs were reported to be two, 10,000-gallon diesel fuel USTs (Tank 1 and 2) adjoining to one another and one, 2,500-gallon diesel fuel UST (Tank 3) located approximately 140 feet east of the larger tanks. All three tanks were used to supply emergency generators and were reported to be buried 3 to 4 feet bgs.
  - On November 8, 2018, soil samples (PS1 To PS13) were collected along the fuel product lines at depths ranging from 3.5 to 5 feet bgs and at least 2 feet below the removed lines. The tank pit containing Tanks 1 and 2 contained groundwater at approximately 11.5 feet bgs and a larger concrete pad beneath the tanks at approximately 13.5 feet bgs. As a result, soil sampling could not be performed and representative samples (TPGW1 and TPGW2) were collected from the groundwater at this location.
    - The tank pit for Tank 3 also contained a concrete pad at the bottom of the tank pit at approximately 11.5 feet bgs, but no groundwater was present. As soil samples could not be collected due to the presence of the concrete pad, sidewall samples

were collected just above the concrete pad. With the exception of one sampling location beneath the former piping at a depth of approximately 4 feet bgs where a slight hydrocarbon odor was observed, there were no other field indications of a release including odor or discoloration of the soil.

  - The soil and groundwater samples were analyzed for TPH-d, benzene, toluene, ethylbenzene, and xylenes (BTEX), and fuel oxygenates in accordance with modified EPA method no. 8015 (for TPH-d) and EPA method no. 5035/8260B (for BTEX and fuel oxygenates).
  - Two detections of TPH-d were reported in a sample collected at 4 feet bgs below the piping system (15.2 mg/kg) and at 10 feet bgs in the sidewall of the Tank 3 tank pit (10.5 mg/kg). BTEX, and fuel oxygenates were not detected above their respective laboratory method reporting limits in any of the soil or groundwater samples and TPH-d was not detected above the laboratory method reporting limit in either of the groundwater samples.
  - Based on the field observations and laboratory data, ALTA opined that there was no evidence indicating a significant release of diesel fuel from the removed UST systems. As such, ALTA concluded that no further action is recommended and requested a no further action letter for the subject property on behalf of the responsible party.

- *Hazardous Substances Underground Storage Closure/Site Assessment Report, Closure Application No 905166,* prepared LACDPW, dated April 27, 2020
  - On April 27, 2020, the LADCPW issued a letter to the RWQCB that indicated their review of the 2018 Soil Sampling Report and referral the matter to the RWQCB for further action. At the time of Northgate's 2022 assessment, the case was pending the RWQCB's review and response.

Northgate identified the three historical USTs as a REC and, in the absence of a closure/no further action (NFA) letter from the RWQCB at the time of the assessment, Northgate recommended contacting the RWQCB if redevelopment work was planned in the areas of the USTs to ensure that the work is in compliance with their requirements. Based on Northgate's review of data provided in previous reports, Northgate opined that there was a reasonable expectation that the RWQCB will grant a non-case determination for the subject property. As such, no further investigation was recommended at the time of the 2022 assessment.

Partner notes that NFA status was granted by the RWQCB in June 2022.

Copies of pertinent pages reviewed are included in Appendix B of this report.

6.0 SITE RECONNAISSANCE

The weather at the time of the site visit was overcast. Refer to Section 1.5 for limitations encountered during the site reconnaissance and Sections 2.1 and 2.2 for subject property operations. The table below provides the site assessment details:

Site Assessment Data	
Site Assessment Performed By:	Destiny Johnson of Partner
Site Assessment Conducted On:	March 22, 2023

The table below provides the subject property personnel interviewed during the site reconnaissance:

Site Visit Personnel for the Subject Property			
Name	**Title/Role**	**Contact Number**	**Site Walk* (Yes/No)**
Mr. Robert Del Hierro	Building Engineer	(323) 430-7081	Yes

** Accompanied Partner during the site reconnaissance activities and provided information pertaining to the current operations and maintenance of the subject property*

No potential environmental concerns were identified during the on-site reconnaissance.

6.1 General Site Characteristics

6.1.1 Solid Waste Disposal

Solid waste generated at the subject property is disposed of in commercial dumpsters and trash cans located on the northern exterior of the subject property building. An independent solid waste disposal contractor, Athens Services, removes solid waste from the subject property. No evidence of illegal dumping of solid waste was observed during the Partner site reconnaissance.

6.1.2 Sewage Discharge and Disposal

Sanitary discharges on the subject property are directed into the municipal sanitary sewer system. The City of Monterey Park Public Works Department services the subject property vicinity. No wastewater treatment facilities were observed or reported on the subject property. No septic systems were observed or reported on the subject property.

6.1.3 Stormwater and Surface Water Drainage

Stormwater is removed from the subject property primarily by sheet flow action across the paved surfaces towards stormwater drains located throughout the subject property parking lot and in the public right-of-way as well as ground infiltration. On-site storm water drains discharge to municipal owned and maintained storm sewer system. No drywells were identified on the subject property.

6.1.4 Source of Heating and Cooling

Heating and cooling systems as well as domestic hot water equipment are fueled by electricity and natural gas provided by Southern California Edison (SCE) and Southern California Gas (SoCalGas), respectively. The

mechanical system is comprised of three cooling towers as well as air handling units located on the roof. Hot water is provided by central natural gas water heaters.

6.1.5 Wells and Cisterns

Partner observed numerous abandoned monitoring wells at the parking lot on the northern exterior of the subject property building. The identified monitoring wells were associated with three former USTs on the subject property (removed in 2018) and the subject property's Non-Case Information status that was formerly recorded as a LUST Cleanup Site (SWRCB Case Number T10000018576). For further discussion of assessment and remedial procedures and respective environmental concerns associated with the case, refer to Section 5.2.6.

In addition, although not observed during the site reconnaissance, the subject property is improved with a dry hole on the southwestern portion. As of 1967, the dry hole has been plugged and abandoned. For further discussion of the feature, refer to Sections 4.1.6 and 5.2.6.

6.1.6 Wastewater

Domestic wastewater generated at the subject property is disposed by means of the sanitary sewer system. No industrial processes are currently performed at the subject property.

6.1.7 Septic Systems

No septic systems were observed or reported on the subject property.

6.1.8 Additional Site Observations

No additional general site characteristics were observed during the site reconnaissance.

6.2 Potential Environmental Hazards

6.2.1 Hazardous Substances and Petroleum Products Used or Stored at the Site

Partner identified hazardous substances or petroleum products used, stored, and/or generated on the subject property as noted in the following table:

Hazardous Substances and/or Petroleum Products Noted On-site					
Substance	**Container Type and Quantity/Size**	**Location**	**Nature of Use**	**Secondary Containment**	**Environmental Concern**
Cleaning compounds and janitorial and maintenance supplies	Various sized containers, ranging from aerosol cans to one-gallon pails	Janitorial supply closets	Subject property cleaning and maintenance	No	No
Hydraulic Oil	One, 10-gallon tin can	Elevator Maintenance Room	Hydraulic elevator operations	No	No

The materials were found to be properly labeled and store at the time of the assessment with no signs of leaks, stains, or spills. Secondary containment is not provided. Based on the nature of the use and observed conditions, the storage and use of the observed substances do not appear to pose a significant threat to the environmental integrity of the subject property at this time.

Although not observed during Partner's site reconnaissance, according to knowledgeable subject property personnel as well as a previous 2022 Phase I ESA performed by Northgate, the subject property is improved with three cooling towers located on the roof of the commercial building that use water treatment chemicals. At the time of the 2022 assessment, the following hazardous substances were observed:

- Chem Aqua Formula 42171 (5-gallons)
- Chem Aqua Formula 40215 (10-gallons)
- Chem Aqua Formula 51999 (10-gallons)
- Chem Aqua Formula 31155 (10-gallons)

The observed substances were found to be stored in secondary containment and no staining or evidence of a release was noted. The presence of cooling tower treatment chemicals is not expected to represent a significant environmental concern.

6.2.2 Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)

Partner observed an area of patched asphalt on the northern exterior of the subject property building indicating the location of two of three former USTs (removed in 2018). In addition, Partner was shown the general area of the third former UST (removed in 2018) located on the eastern exterior of the northern utility building. For further discussion of the features, refer to Sections 4.1.9 and 5.2.6.

Partner also observed one diesel AST within the Generator Room of a utility building located on the northern portion of subject property. According to knowledgeable subject property personnel, the Generator Room formerly housed two additional emergency generators with ASTs associated with previous occupants. No staining, leaks, or spills were noted within in the vicinity of the current or former ASTs, and no releases have been reported to the California State Water Resources Control Board (SWRCB). Based on the observed conditions and lack of reported releases, the presence of the current and former ASTs is not expected to represent a significant environmental concern.

6.2.3 Evidence of Releases

No spills, stains, or other indications that a surficial release has occurred at the subject property were observed.

6.2.4 Polychlorinated Biphenyls (PCBs)

Older transformers and other electrical equipment could contain PCBs at a level that subjects them to regulation by the U.S. EPA. PCBs in electrical equipment are controlled by United States Environmental Protection Agency regulations 40 CFR, Part 761. Under the regulations, there are three categories into which electrical equipment can be classified: 1) Less than 50 parts per million (ppm) of PCBs – "Non-PCB;" 2) 50 ppm-500 ppm – "PCB-Contaminated;" and, 3) Greater than 500 ppm – "PCB-Containing." The manufacture, process, or distribution in commerce or use of any PCB in any manner other than in a totally enclosed manner was prohibited after July 2, 1979.

Transformers and Hydraulic Equipment				
Type of Equipment	**Location**	**Number**	**PCB-Containing**	**Concern**
Dock Levelers	Loading dock located on the northeastern portion of the subject property building	Two	Unlikely	No
Hydraulic Elevator	Elevator Maintenance Room	One	Unlikely	No
Pad-Mounted Transformers	Throughout commercial building interior; Interior of northern and southern utility buildings	Numerous	Unlikely	No
Trash Compactor	Loading dock located on the northwestern portion of the subject property building	One	Unlikely	No

Partner observed two dock levelers at the loading dock located on the northeastern portion of the subject property building. No visual evidence of spills or releases of hydraulic oil were noted near the equipment. Based on the observed good conditions of the equipment, their presence is not expected to represent a significant environmental concern.

One hydraulic elevator services the subject property building. Equipment with respect to the elevator is located in the Elevator Maintenance Room located on Level A of the commercial building. According to Mr. Robert Del Hierro, the Building Engineer of the subject property, the elevator equipment is serviced by Otis Elevator Company. The Elevator Maintenance Room was noted to have a 10-gallon hydraulic oil tin can for elevator service purposes. No visual evidence of spills or releases of hydraulic oil were noted near the equipment. Based on the observed good condition and regular maintenance of the elevator equipment, their presence is not expected to represent a significant environmental concern.

Partner also observed numerous pad-mounted transformers throughout the subject property. No staining or leakage was observed in the vicinity of the transformers. In addition, Partner identified a high-voltage transformer room at the utility building located on the southern portion of the subject property. The transformer room was inaccessible during the site reconnaissance as Mr. Del Hierro indicated that the transformer is accessed by SCE personnel for service. Based on the observed good conditions of the equipment and reported maintenance, the transformers are not expected to represent a significant environmental concern.

Lastly, Partner observed a trash compacter at a loading dock located on the northwestern portion of the subject property building. The trash compactor was reported to not be in use due to the vacant status of the subject property. No visual evidence of spills or releases of hydraulic oil were noted near the equipment. Based on the good conditions observed and nature of the use, the presence of the trash compactor is not expected to represent an environmental concern.

Additionally, no other potential PCB-containing equipment (oil-filled switches, hoists, lifts, , balers, etc.) was observed on the subject property during Partner's reconnaissance.

6.2.5 Strong, Pungent or Noxious Odors

No strong, pungent or noxious odors were evident during the site reconnaissance.

6.2.6 Pools of Liquid

No pools of liquid were observed on the subject property during the site reconnaissance.

6.2.7 Drains, Sumps and Clarifiers

Partner observed the following drains, sumps, and/or clarifiers located on the subject property:

Drains, Sumps, and Clarifiers Observed On-site			
	Floor Drains	**Sump(s)**	**Clarifier**
Number Observed:	Numerous	None	One
Location:	Throughout subject property parking lot; Throughout C Level of the subject property building	N/A	Southern exterior of the subject property building
Point of Discharge:	Municipal	N/A	Municipal
Sealed/Bermed:	Sealed	N/A	Sealed

Partner observed stormwater drains throughout the subject property parking lot. The features are solely associated with stormwater drainage within the subject property and no significant stains or evidence of improper discharge of hazardous materials or petroleum products were observed within the vicinity of the features. As such, the presence of these features is not expected to represent a significant environmental concern.

Partner also observed floor drains throughout Level C of the commercial building. According to Mr. Del Hierro, the drains were associated with former kitchen operations conducted by a historical tenant of the subject property. The observed drains were reported to be connected to a subsurface three-stage clarifier, also referred to as a grease interceptor, located on the southern exterior of the subject property building. The clarifier was used to treat wastewater streams generated from the former kitchen operations. Based on the food grade nature of the clarifier, the presence of this feature is not expected to represent a significant environmental concern.

Furthermore, Partner observed a floor drain within the Generator Room of a utility building located on the northern portion of subject property. No significant stains or evidence of improper discharge of hazardous materials or petroleum products were observed within the vicinity of the feature. As such, the presence of the floor drain is not expected to represent a significant environmental concern.

6.2.8 Pits, Ponds and Lagoons

No pits, ponds, or lagoons were observed on the subject property.

6.2.9 Stressed Vegetation

No stressed vegetation was observed on the subject property.

6.2.10 Additional Potential Environmental Hazards

No additional environmental hazards, including landfill activities or radiological hazards, were observed.

6.3 Non-ASTM Services

6.3.1 Asbestos-Containing Materials (ACMs)

Asbestos is the name given to a number of naturally occurring, fibrous silicate minerals mined for their useful properties such as thermal insulation, chemical and thermal stability, and high tensile strength. The Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 requires certain construction materials to be presumed to contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building that have not been appropriately tested are "presumed asbestos-containing material" (PACM).

The subject property building was constructed in 1979. Partner has conducted a limited, visual evaluation of accessible areas for the presence of suspect ACM at the subject property. The objective of this visual survey was to note the presence and condition of suspect ACM observed. Please refer to the table below for identified suspect ACM:

Suspect ACMs			
Suspect ACM	**Location**	**Friable (Yes/No)**	**Physical Condition**
Drywall Systems	Throughout Building Interior	No	Good
Ceiling Tiles	Throughout Building Interior	No	Fair to Good
Flooring Materials/Mastic	Throughout Building Interior	No	Fair to Good
Roofing Materials	Building Roof	No	Not Assessed

Based on this building's date of construction, prior to disturbance, Partner recommends a comprehensive asbestos survey of the property be completed to determine the presence, condition, friability and likely future condition of suspect or confirmed ACM. All suspect materials must be handled as ACM according to local, state and federal regulations until the results of sampling and analysis indicate the material is a non-ACM.

Partner was provided building plans or specifications for review, which may have been useful in determining areas likely to have used ACM.

6.3.2 Lead-Based Paint (LBP)

Lead is a highly toxic metal that affects virtually every system of the body. LBP is defined as any paint, varnish, stain, or other applied coating that has 1 mg/cm2 (or 5,000 ug/g or 0.5% by weight) or more of lead. Congress passed the Residential Lead-Based Paint Hazard Reduction Act of 1992, also known as "Title X," to protect families from exposure to lead from paint, dust, and soil. Under Section 1017 of Title X, intact LBP on most walls and ceilings is not considered a "hazard," although the condition of the paint should be monitored and maintained to ensure that it does not become deteriorated. Further, Section 1018 of this law directed the Housing and Urban Development (HUD) and the US EPA to require the disclosure of known information on LBP and LBP hazards before the sale or lease of most housing built before 1978.

It is unlikely that LBP is present in buildings constructed after 1977. Therefore, due to the age of the subject property buildings, it is unlikely that LBP is present. Actual material samples would need to be collected in order to determine if LBP is present.

6.3.3 Radon

Radon is a colorless, odorless, naturally occurring, radioactive, inert, gaseous element formed by radioactive decay of radium (Ra) atoms. The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, according to the table below:

EPA Radon Zones		
EPA Zones	**Average Predicted Radon Levels**	**Potential**
Zone 1	Exceed 4.0 pCi/L	Highest
Zone 2	Between 2.0 and 4.0 pCi/L	Moderate
Zone 3	Less than 2.0 pCi/L	Low

It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the US EPA recommends site-specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Radon sampling was not conducted as part of this assessment. Review of the US EPA Map of Radon Zones places the subject property in Zone 2. Based upon the radon zone classification, radon is not considered to be a significant environmental concern.

6.3.4 Lead in Drinking Water

According to available information, a public water system operated by the City of Monterey Park Public Works Water Department serves the subject property vicinity. The sources of public water for the City of Monterey Park are production wells located in the Main San Gabriel Groundwater Basin (Main Basin) and water purchased from the San Gabriel Water Company, which also pumps groundwater from the Main Basin. According to the City of Monterey Park Public Works Water Department 2021 Annual Water Quality Report, water supplied to the subject property is in compliance with all State and Federal regulations pertaining to drinking water standards, including lead and copper. Water sampling was not conducted to verify water quality.

6.3.5 Mold

Molds are microscopic organisms found virtually everywhere, indoors and outdoors. Mold will grow and multiply under the right conditions, needing only sufficient moisture (e.g.in the form of very high humidity, condensation, or water from a leaking pipe, etc.) and organic material (e.g., ceiling tile, drywall, paper, or natural fiber carpet padding).

Partner observed accessible, interior areas for the subject property building for significant evidence of mold growth with the exceptions detailed in Section 1.5 of this report; however, this ESA should not be used as a mold survey or inspection. Additionally, this limited assessment was not designed to assess all areas of potential mold growth that may be affected by mold growth on the subject property. Rather, it is intended to give the client an indication as to whether or not conspicuous (based on observed areas) mold growth is present at the subject property. This evaluation did not include a review of pipe chases, mechanical systems, or areas behind enclosed walls and ceilings.

No obvious indications of water damage or mold growth were observed during Partner's visual assessment.

6.3.6 Wetlands

The subject property does not appear to be a designated wetland area based on information obtained from the United States Fish and Wildlife Service; however, a comprehensive wetlands survey would be required in order to formally determine actual wetlands on the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

6.4 Adjoining Property Reconnaissance

The adjoining property reconnaissance consisted of observing the adjoining properties from the subject property premises. No items of environmental concern were identified on the adjoining properties during the site assessment, including hazardous substances, petroleum products, ASTs, USTs, evidence of releases, PCBs, strong or noxious odors, pools of liquids, sumps or clarifiers, pits or lagoons, stressed vegetation, or other potential environmental hazards.

7.0 FINDINGS AND CONCLUSIONS

Findings and Opinions

Recognized Environmental Condition

A recognized environmental condition (REC) refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment.

- Partner did not identify evidence of RECs during the course of this assessment.

Controlled Recognized Environmental Condition

A controlled recognized environmental condition (CREC) refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

- The subject property, identified as BRE CA Saturn, LLC at 1977 Saturn Street, is listed as a Non-Case Information site under the regulatory oversight of the Los Angeles Regional Water Quality Control Board (RWQCB) (Case Number T10000018576). According to information made available on the State Water Resources Control Board (SWRCB) GeoTracker database, along with review of regulatory database listings and previous environmental reports, Case Number T10000018576 was previously recorded as a Leaking Underground Storage Tanks (LUST) Cleanup site in association with removal and assessment activities, conducted under the oversight of the Los Angeles County Department of Public Works (LACDPW), for three historical underground storage tanks (USTs) installed on the subject property. According to available regulatory records, building records, and previous reports two 10,000-gallon, single-walled, fiberglass, diesel fuel (USTs) (Tanks 1 and 2) were installed on the northern exterior of the subject property building in 1980 and one, 2,500-gallon steel double-walled, fiberglass coated, diesel fuel UST (Tank 3) was installed on the western exterior of the utility building located on the northern portion of the subject property in 1991. The three USTs operated to supply an on-site emergency generator system associated with former tenants of the subject property.

  As further discussed in Section 5.2.6, according to a *Soil Sampling Results Related to UST System Removals* report prepared by AEM and dated December 7, 2018, upon removal of the USTs in 2018, soil samples and groundwater samples were collected and analyzed for total petroleum hydrocarbons as diesel (TPH-d), benzene, toluene, ethylbenzene, and xylenes (BTEX), and fuel oxygenates in accordance with modified Environmental Protection Agency (EPA) method no. 8015 (for TPH-d) and EPA method no. 5035/8260B (for BTEX and fuel oxygenates). Two detections of TPH-d were reported in a sample collected from beneath the piping system (15.2 milligrams per kilogram [mg/kg]) and at 10 feet bgs in the sidewall of the Tank 3 tank pit (10.5 mg/kg). BTEX and fuel oxygenates were not detected above their respective laboratory method reporting limits in any of the soil or groundwater samples and TPH-d was not detected above the laboratory method reporting limit in either of the groundwater samples.

On April 27, 2020, the LADCPW issued a letter to the RWQCB that indicated their review of the 2018 *Soil Sampling Results Related to UST System Removals* report and referral of the matter to the RWQCB for further action.

According to a letter prepared by the Los Angeles RWQCB and dated June 28, 2022, based on their review of the documentation, the Los Angeles RWQCB determined that "residual concentrations of fuel constituents [in the areas of the three historic USTs] pose low threat to human health and the environment." Therefore, no further action was required. Furthermore, the Los Angeles RWQCB indicated that subject property "data indicated that there may be residual concentrations of pollutants in soil at the subject property that could pose an unacceptable risk as a result of future construction/redevelopment activities, and/or change to a more sensitive land use from commercial use. Responsible parties, landowners, and contractors performing subsurface activities at the site should be prepared to manage properly to avoid threats to human health or the environment."

Based on the regulatory closure, reported removal of the identified USTs, completion of assessment and remedial activities, and indicated analytical results meeting the applicable regulatory standards for commercial use, the historical USTs and closed LUST case are considered a CREC, and no further investigation appears warranted at this time.

Historical Recognized Environmental Condition

A historical recognized environmental condition (HREC) refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

- Partner did not identify evidence of HRECs during the course of this assessment.

Business Environmental Risk

A *Business Environmental Risks (BER)* is a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice. The following was identified during the course of this assessment:

- Due to the age of the subject property building, there is a potential that asbestos-containing materials (ACMs) are present. Readily visible suspect ACMs were observed in fair to good condition. Should these materials be disturbed, the identified suspect ACMs would need to be sampled to confirm the presence or absence of asbestos prior to any renovation or demolition activities to prevent potential exposure to workers and/or building occupants.

No significant data gaps affecting the ability of the Environmental Professional to identify a REC were encountered during this assessment.

Conclusions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM E1527-13 of 1977 Saturn Street in Monterey Park, Los Angeles County, California (the

"subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of RECs or HRECs in connection with the subject property; however, a CREC and BER were identified. Based on the conclusions of this assessment, Partner recommends no further investigation of the subject property at this time.

8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Partner has performed a Phase I Environmental Site Assessment of the property located at 1977 Saturn Street in Monterey Park, Los Angeles County, California in conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

By signing below, Partner declares that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR §312. Partner has the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. Partner has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By:



Destiny Johnson
Project Scientist

Reviewed By:



Chris Randall
Senior Author

9.0 REFERENCES

Reference Documents

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E1527-21

Environmental Risk Information Services (ERIS), Regulatory Database Report, March 2023

Federal Emergency Management Agency (FEMA), Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via the internet, March 2023

Phase I Environmental Site Assessment Report, Northgate Environmental Management, Inc. (Northgate), (March 31, 2022)

Soil Sampling Results Related to UST System Removals, ALTA EM, Inc. (AEM), (December 7, 2018)

United States Department of Agriculture, Natural Resources Conservation Service, *Web Soil Survey*, accessed via the internet, March 2023

United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the internet, March 2023

United States Fish and Wildlife Service, National Wetlands Inventory, accessed via the internet, March 2023

United States Geological Survey, accessed via the internet, March 2023

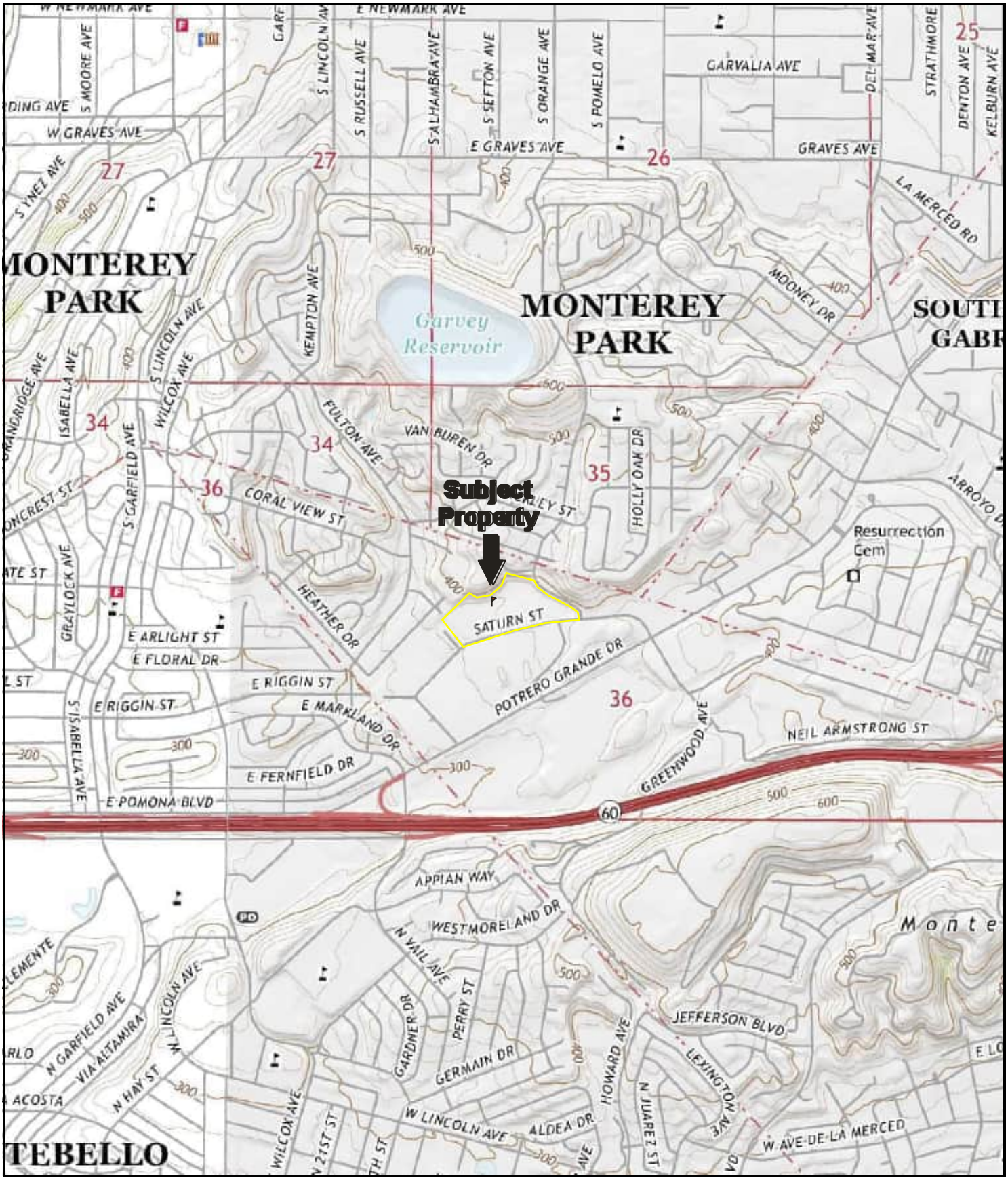
United States Geological Survey Topographic Map 2022, 7.5-minute series, accessed via Environmental Risk Information Services (ERIS), March 2023

FIGURES

1: Site Location Map

2: Site Plan

3: Topographic Map



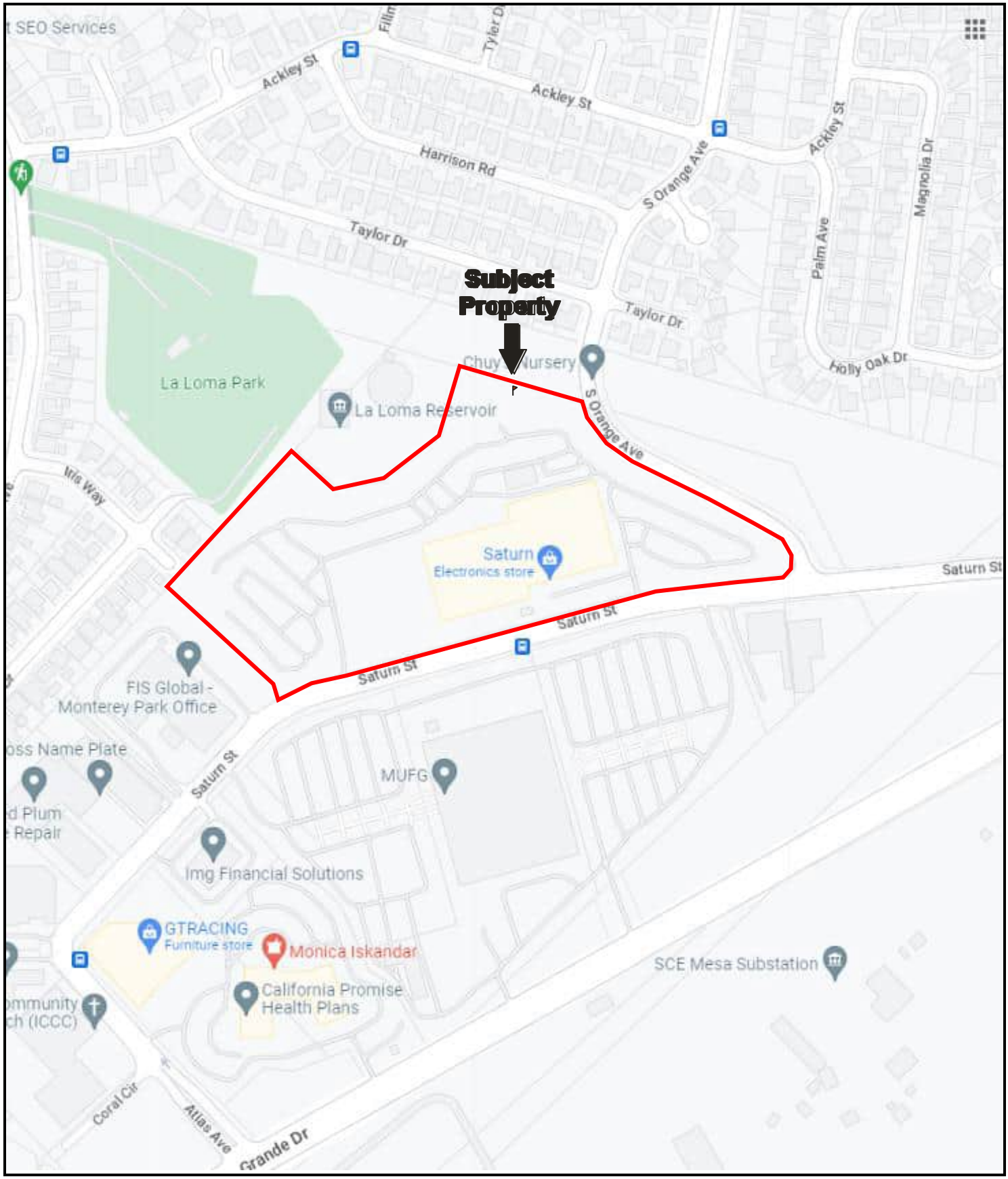
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USGS 7.5 Minute *El Monte and Los Angeles, California* Quadrangle
Created: 2022

KEY:
Subject Property

FIGURE 3: TOPOGRAPHIC MAP
Project No. 23-395605.1

PARTNER



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Drawing Not To Scale

KEY:
Subject Property

FIGURE 1: SITE LOCATION MAP
Project No. 23-395605.1

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GROUNDWATER FLOW

KEY:
Subject Property

FIGURE 2: SITE PLAN
Project No. 22-395605.1

PARTNER



FIGURE 2: SITE PLAN
Project No. 22-395605.1

PARTNER

APPENDIX A: SITE PHOTOGRAPHS



1. View of the subject property exterior from the southwest



2. View of the subject property exterior from the southwest



3. View of the subject property exterior from the southwest



4. View of the subject property western parking lot entrance from the southeast



5. View of the subject property exterior from the southwest



6. View of the subject property exterior from the southeast



7. View of the subject property eastern parking lot entrance from the southwest



8. View of signage located on the southern exterior of the subject property



9. View of the subject property eastern parking lot from the east



10. View of the subject property from the north



11. View of the subject property from the north



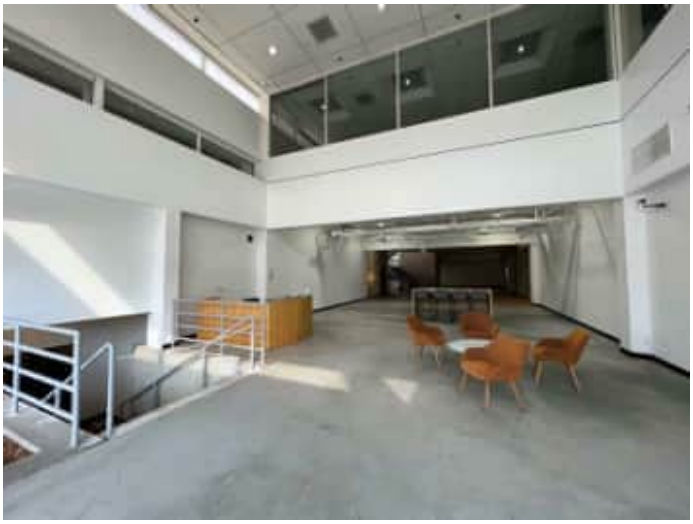
12. View of the subject property building entrance from the south



13. View of the subject property building entrance from the south



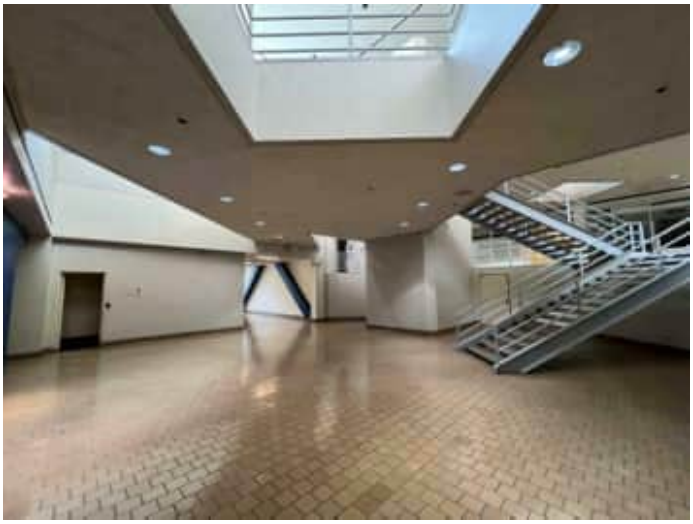
14. View of the southern parking lot



15. View of the entrance lobby area (Level B)



16. View of the entrance lobby area (Level B)



17. View of the stairway landing (Level A)



18. View of a hallway (Level A)



19. View of a commercial office space (Level A)



20. View of flooring materials (Level A)



21. View of a typical restroom (Level A)



22. View of a hallway (Level A)



23. View of a warehouse area (Level A)



24. View of a warehouse area (Level A)



25. View of a warehouse area (Level A)



26. View of a warehouse area (Level A)



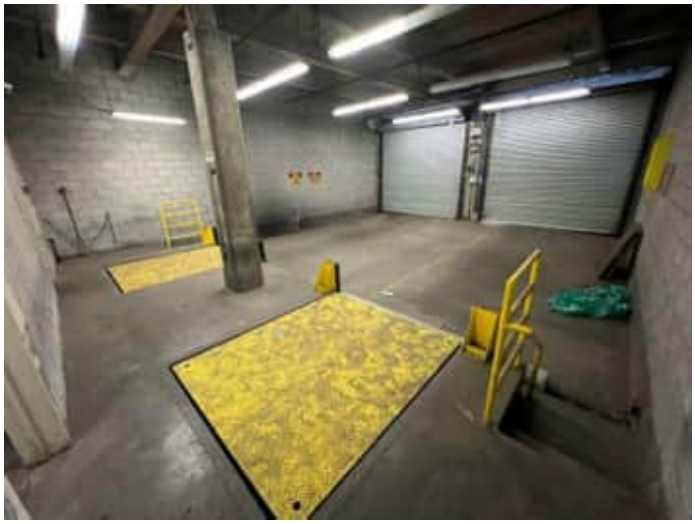
27. View of an air compressor (Level A)



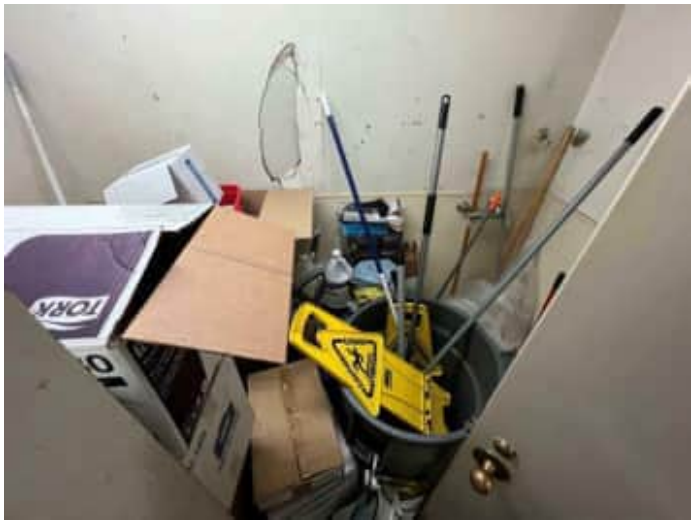
28. View of a trash compactor located at one of two northeastern loading docks (Level A)



29. View of one of two northeastern loading docks (Level A)



30. View of northwestern loading docks (Level A)



31. View of a janitorial supply closet (Level A)



32. View of the hydraulic elevator (Level A)



33. View of the elevator equipment room entrance (Level A)



34. View of the elevator equipment room (Level A)



35. View of the elevator equipment room (Level A)



36. View of a conference room (Level B)



37. View of a commercial space (Level B)



38. View of a commercial space (Level B)



39. View of a commercial space (Level B)



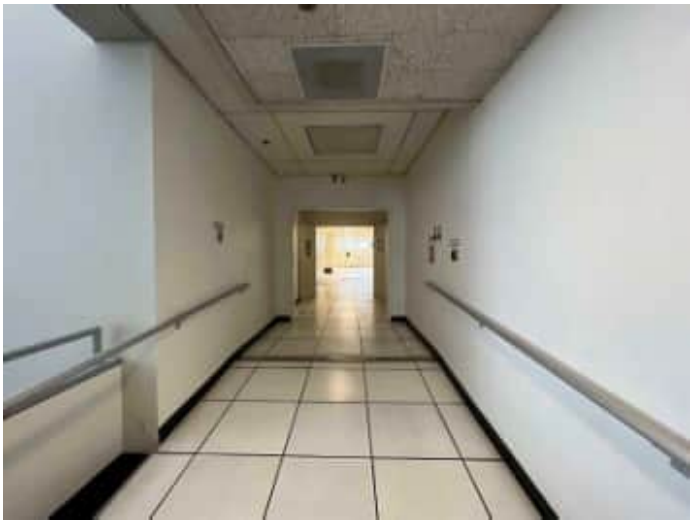
40. View of a commercial space (Level C)



41. View of a commercial space (Level C)



42. View of a commercial space (Level C)



43. View of a hallway (Level D)



44. View of a commercial space (Level D)



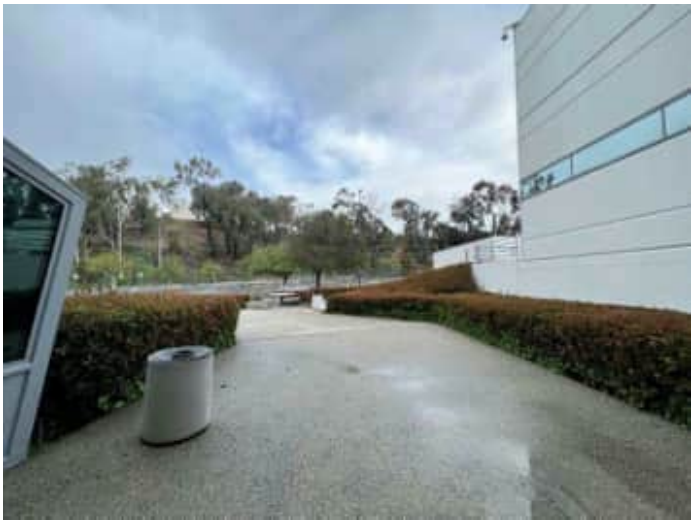
45. View of a commercial space (Level D)



46. View of a commercial space (Level D)



47. View of a doorway leading to the northern exterior



48. View of a pathway on the northern exterior



49. View of the northern utility building



50. View of the northern utility building and location of one of three former USTs



51. View of the northern utility building



52. View of the Generator Room (northern utility building)



53. View of a Battery Room (northern utility building)



54. View of a Battery Room (northern utility building)



55. View of an Uninterruptible Power Supplies (UPS) Room



56. View of the western portion of the northern parking lot



57. View of the eastern portion of the northern parking lot



58. View of the western portion of the subject property from the north



59. View of the subject property from the northwest



60. View of the western portion of the subject property from the east



61. View of a stormwater drain located on the northwestern portion of the subject property



62. View of the location of two of three former USTs



63. View of an abandoned monitoring well



64. View of an abandoned monitoring well



65. View of the subject property from the north



66. View of the northern portion of the subject property from the east



67. View of a commercial dumpster and trash bins located on the northern exterior of the subject property building



68. View of the subject property from the northwest



69. View of the subject property from the north



70. View of a typical stormwater drain located on the northern portion of the subject property



71. View of the subject property from the north



72. View of the three-stage clarified located on the southern portion of the subject property



73. View of the southern utility building



74. North adjoining property (2204 Iris Way)



75. North adjoining property (1950 Fulton Avenue)



76. North adjoining property (1980 Clover Drive)



77. North adjoining property (1980 Clover Drive)



78. Northeast adjoining property (1996 South Orange Avenue)



79. Northeast adjoining property (1996 South Orange Avenue)



80. East adjoining vacant land (situs address not available)



81. East adjoining vacant land (situs address not available)



82. South adjoining property (1938 and 1968 Saturn Street)



83. South adjoining parking lot (situs address not available)



84. South adjoining property (1980 Saturn Street)



85. South adjoining parking lot (situs address not available)

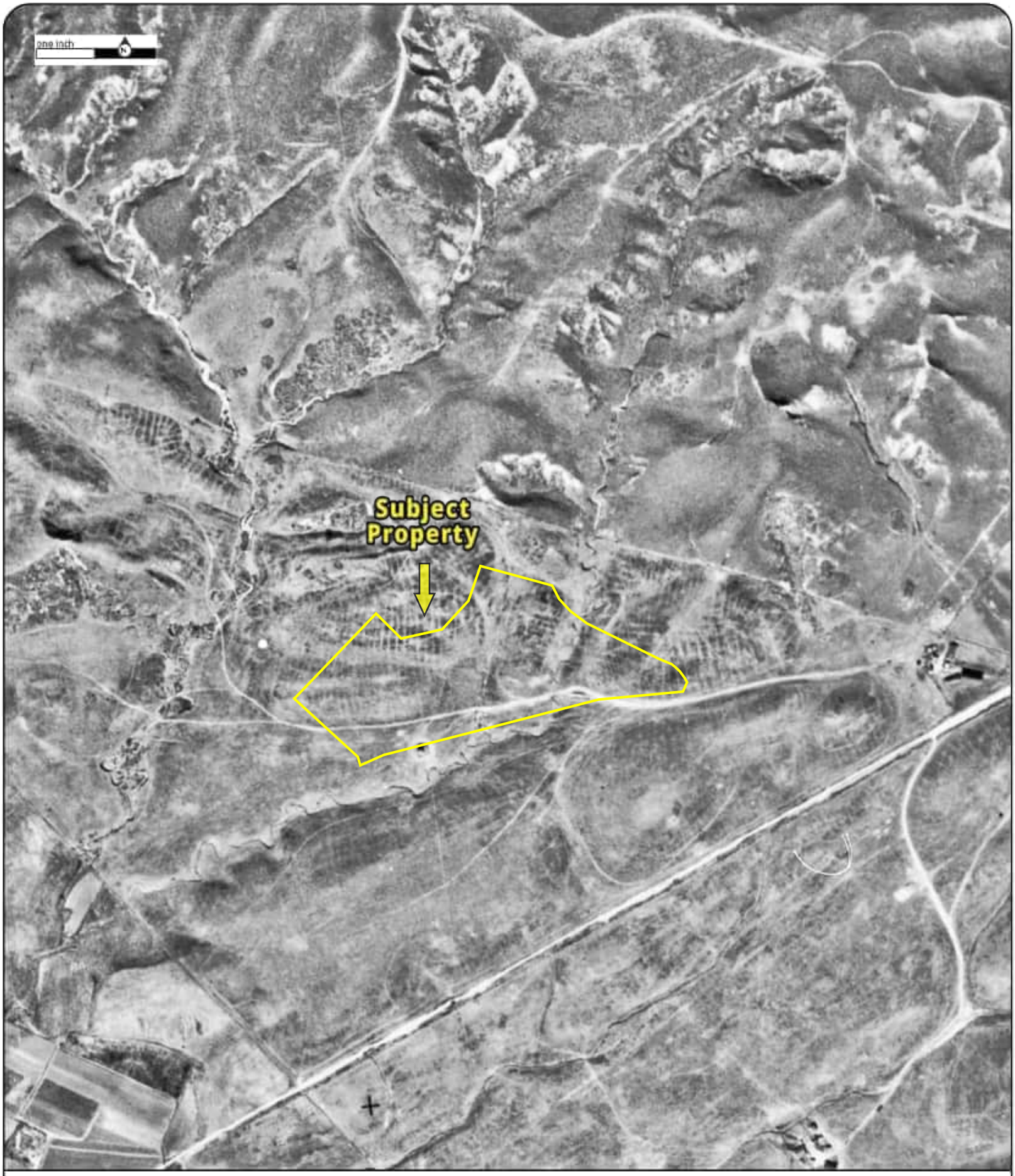


86. West adjoining property (2001 Saturn Street)



87. West adjoining property (2000 Clover Drive)

APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION

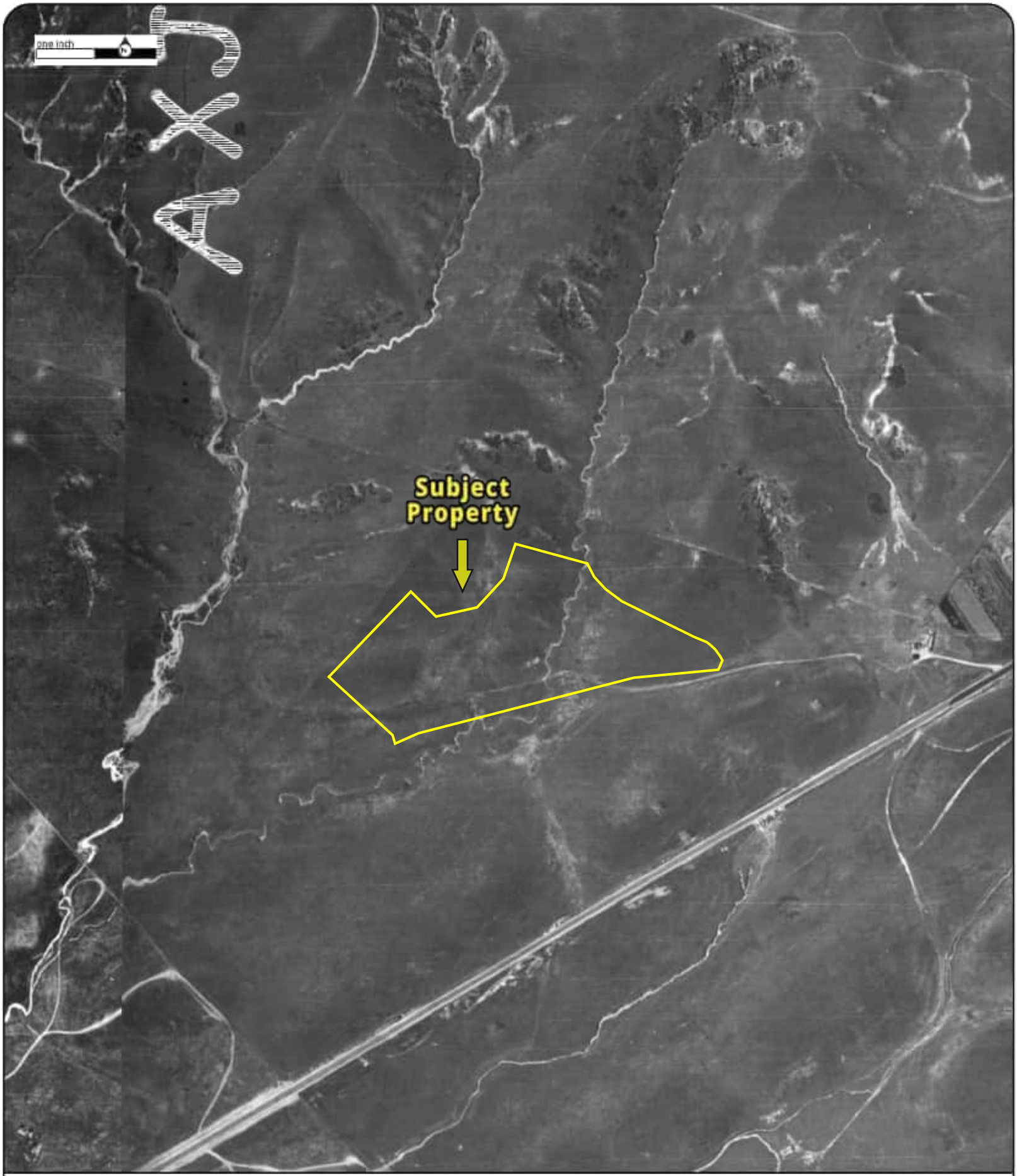


Year: 1927
Source: FAIRCHILD
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER

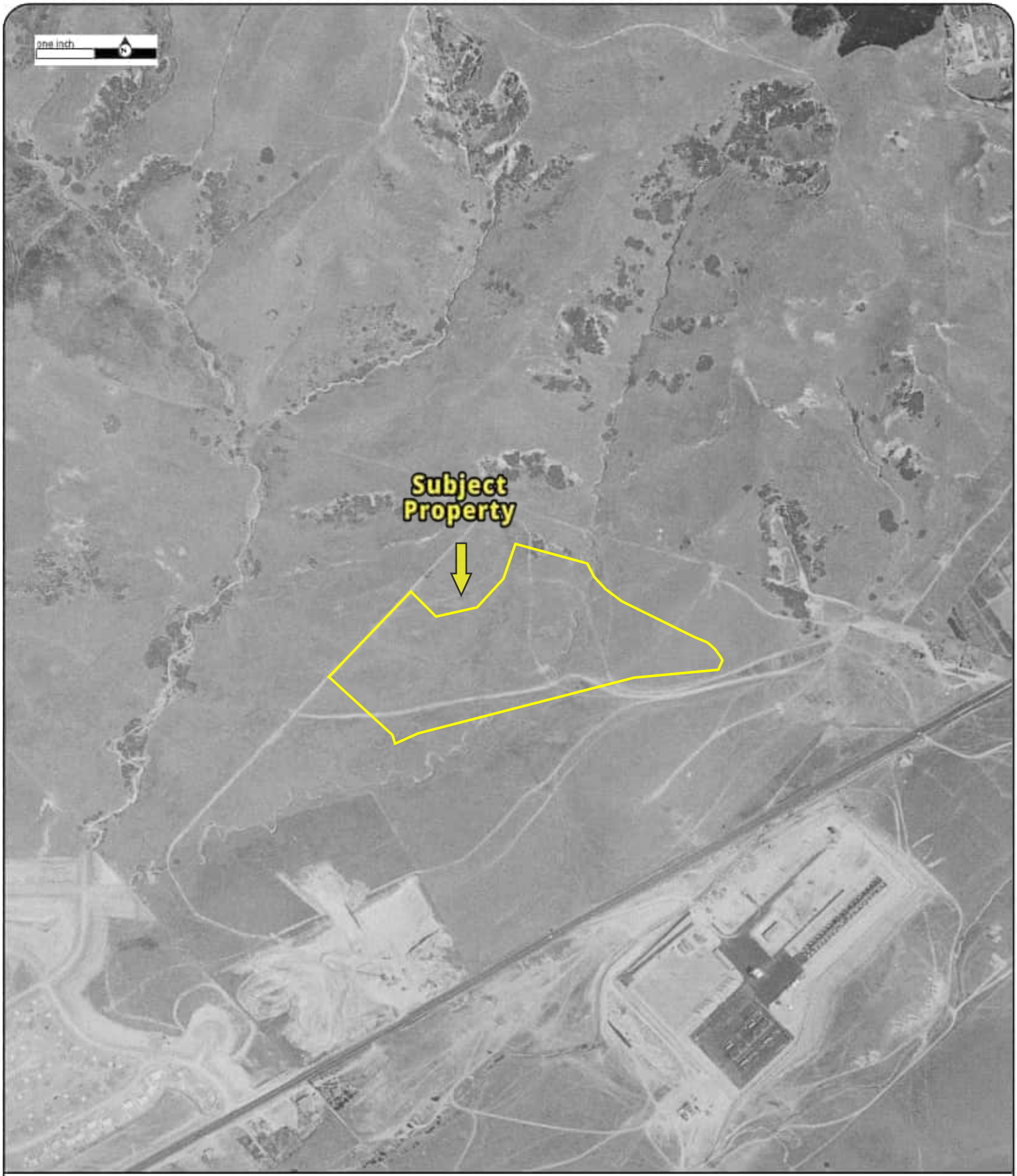


Year: 1938
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER

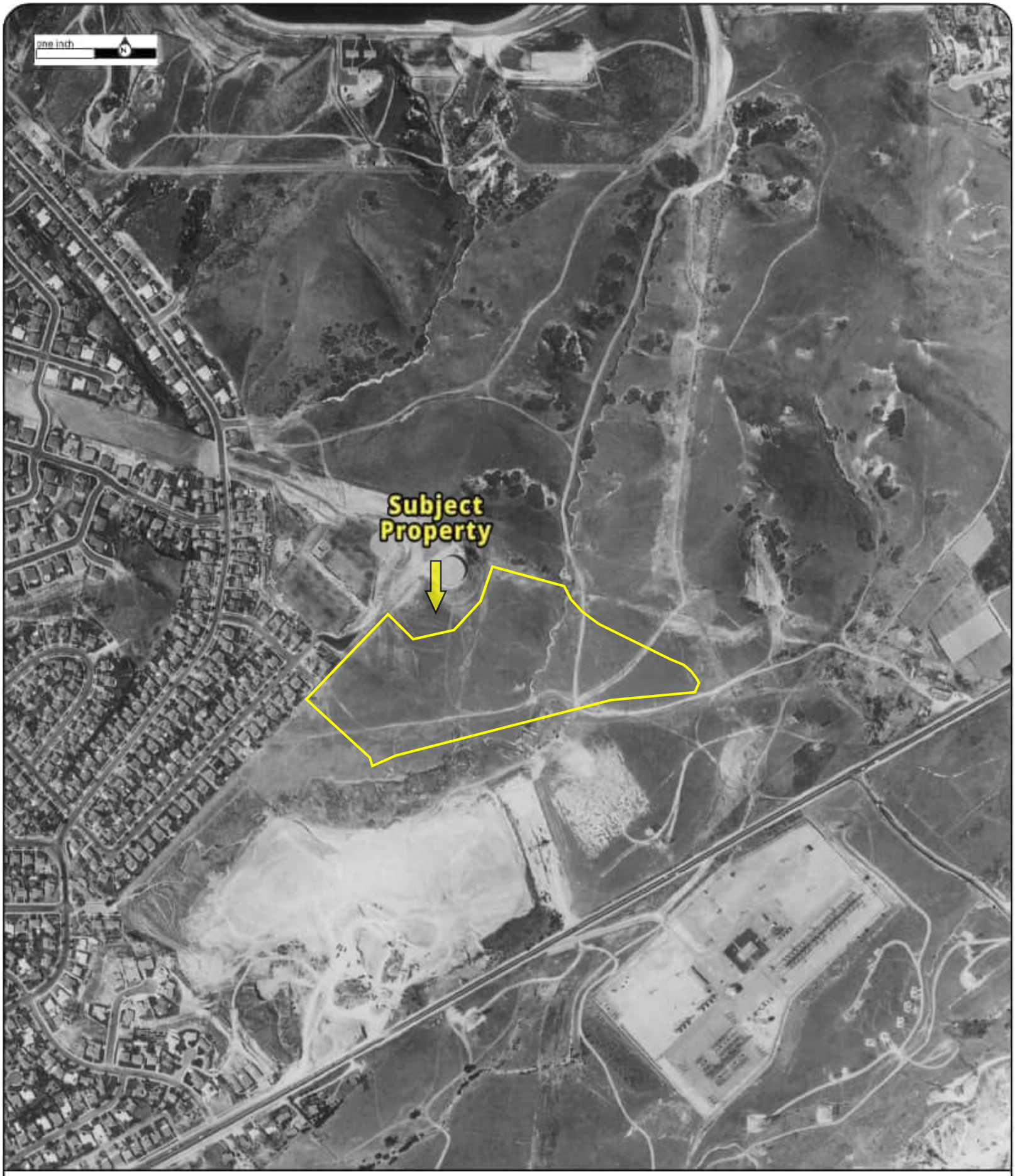


Year: 1948
Source: USGS
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 1956
Source: FAIRCHILD
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER

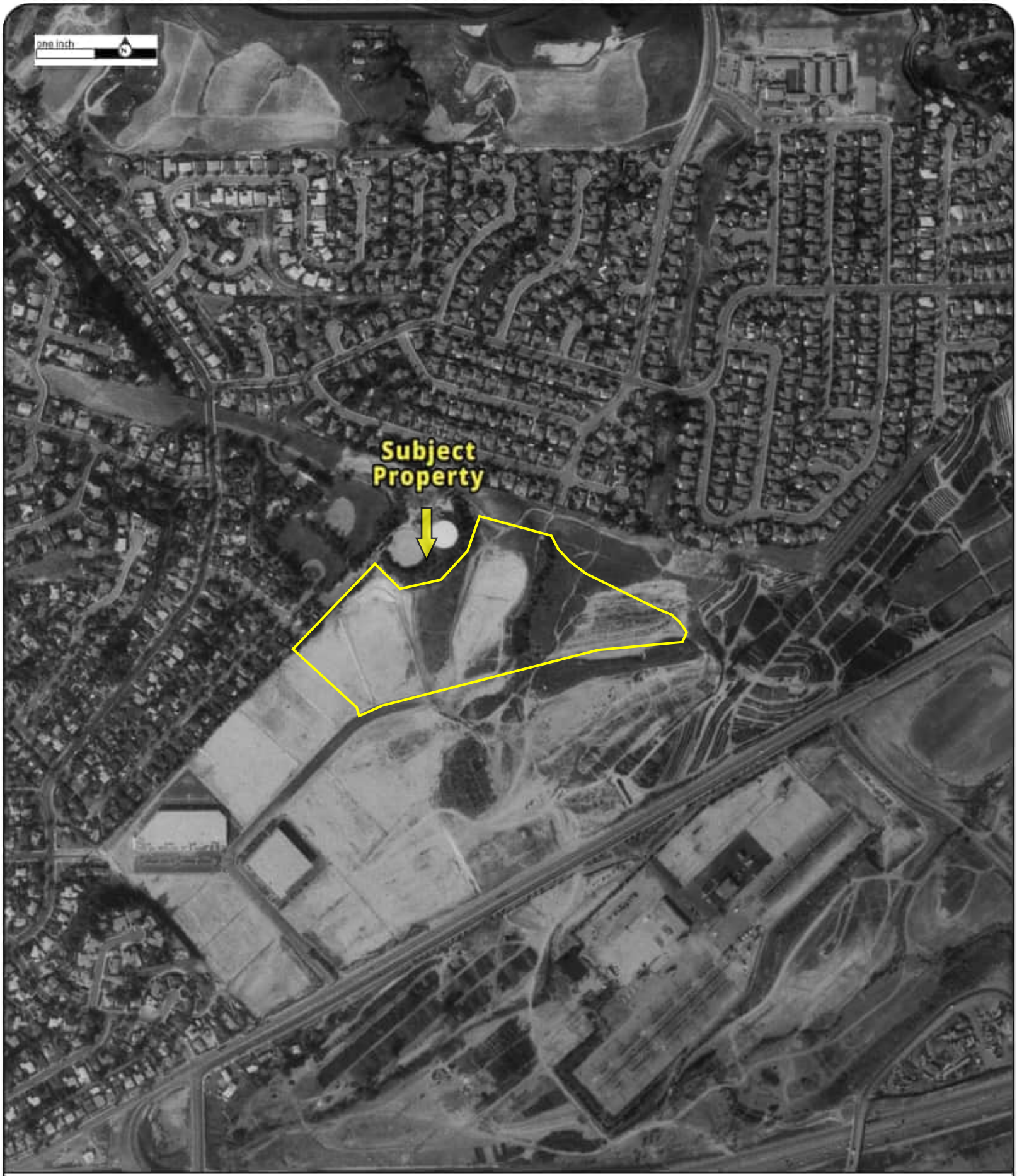


Year: 1964
Source: USGS
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 1972
Source: USGS
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 1976
Source: TG
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 1987
Source: USGS
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER

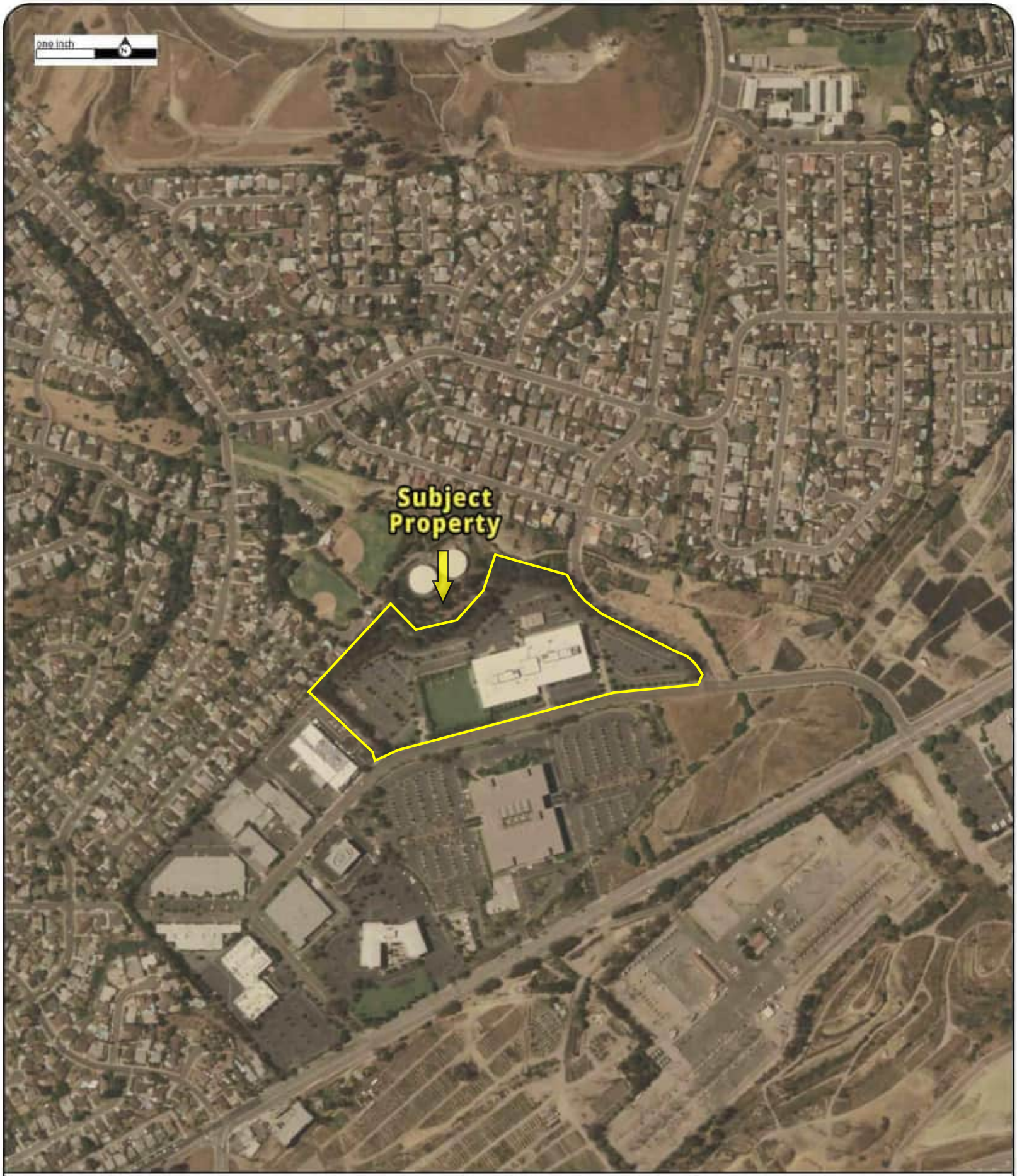


Year: 1994
Source: USGS
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 2005
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 2009
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 2010
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 2012
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 2014
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 2016
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 2018
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER



Year: 2021
Source: MAXAR
Scale: 1" = 500'
Comment:

Address: 1977 Saturn Street, MONTEREY PARK, CA
Approx Center: -118.11416127,34.04046355

Order No: 23031600529

PARTNER

ERIS

FIRE INSURANCE MAPS

Project Property:	1977 Saturn 1977 Saturn Street MONTEREY PARK CA 91755
Project No:	22-395605.1
Requested By:	Partner Engineering and Science, Inc.
Order No:	23031600529
Date Completed:	March 17, 2023

Please note that no information was found for your site or adjacent properties.

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

ERIS

CITY DIRECTORY

Project Property:	*1977 Saturn* *1977 Saturn Street* *MONTEREY PARK,CA 91755*
Project No:	*22-395605.1*
Requested By:	*Partner Engineering and Science, Inc.*
Order No:	*23031600529*
Date Completed:	*March 23, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

March 23, 2023
RE: CITY DIRECTORY RESEARCH
1977 Saturn Street
MONTEREY PARK,CA 91755

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:
all of Clover Dr
1970-2075 of Fulton Ave
all of Iris Way
1900-2010 of S Orange Ave
all of Saturn St
Search Notes:

Search Results Summary

Date	Source	Comment
2022	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2011	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2000-01	HAINES	
1995-96	HAINES	
1990	HAINES	
1985	HAINES	
1979	HAINES	
1975	HAINES	
1972	HAINES	
1970	POLKS	
1965	POLKS	
1963	POLKS	
1949	LA DIRECTORY CO	
1943	LA DIRECTORY CO	
1941	LA DIRECTORY CO	
1939	LA DIRECTORY CO	
1935	LOS ANGELES DIRECTORY CO	
1930	LOS ANGELES DIRECTORY CO	
1926	LOS ANGELES DIRECTORY CO	

2022 CLOVER DR

SOURCE: DIGITAL BUSINESS DIRECTORY

2000 **BENJAMIN OKAZAKI**...*RESIDENTIAL*
2004 **JOSEPH DELGADILLO**...*RESIDENTIAL*
2005 **RUBEN DELATORRE**...*RESIDENTIAL*
2005 **TORRE DELA**...*RESIDENTIAL*
2007 **ERIK CALDERON**...*RESIDENTIAL*
2008 **CINDY HONG**...*RESIDENTIAL*
2008 **VINCENT VONG**...*RESIDENTIAL*
2011 **MARIA LOPEZ**...*RESIDENTIAL*
2012 **FIONEVANTE GIANNINO**...*RESIDENTIAL*
2020 **MARGARITA FRAGALE**...*RESIDENTIAL*
2023 **ATHENA YING**...*RESIDENTIAL*
2024 **JOHN ROMERO**...*RESIDENTIAL*
2027 **YAO CHONG KONG**...*RESIDENTIAL*
2028 **JOE CHAVEZ**...*RESIDENTIAL*
2035 **TRI NGO**...*RESIDENTIAL*
2036 **TJHIN-LUK LIONG**...*RESIDENTIAL*
2044 **NYAN THEAN**...*RESIDENTIAL*
2047 **ANNA FAN**...*RESIDENTIAL*
2048 **ARTHUR DE CURTINS**...*RESIDENTIAL*
2055 **GILBERT BAZURTO**...*RESIDENTIAL*
2056 **HOWARD ROBERTS**...*RESIDENTIAL*
2060 **JAIME DE LA TORRE**...*RESIDENTIAL*
2063 **JASON TSAI**...*RESIDENTIAL*
2063 **WARREN CHANG**...*RESIDENTIAL*
2064 **CAROLYN SHIMIZU**...*RESIDENTIAL*
2068 **SHIRLEY NAKAMURA**...*RESIDENTIAL*
2076 **ROBERT CHEUNG**...*RESIDENTIAL*
2076 **YAN AU**...*RESIDENTIAL*
2080 **FRANK GIOIA**...*RESIDENTIAL*

2022 FULTON AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1975 **ARMEN SEBASTIAN**...*RESIDENTIAL*
1978 **MERCEDES GARCIA**...*RESIDENTIAL*
1980 **VANCE IKKANDA**...*RESIDENTIAL*
1981 **ANDRE SOSNOWSKI II**...*RESIDENTIAL*
2001 **ROBERT FREDERIKSEN**...*RESIDENTIAL*
2008 **DIXIE BONAPARTE**...*RESIDENTIAL*
2009 **ABEL CASTELLANOS**...*RESIDENTIAL*
2009 **DOLORES CASTELLANOS**...*RESIDENTIAL*
2009 **JACQULINE PEREZ**...*RESIDENTIAL*
2012 **DEBRA QUINLY**...*RESIDENTIAL*
2013 **GABRIEL CERVANTES**...*RESIDENTIAL*
2016 **AKIKO MATSUMOTO**...*RESIDENTIAL*
2016 **JOE FENG**...*RESIDENTIAL*
2016 **MIKIO TAKASE**...*RESIDENTIAL*
2017 **JOHN ENG**...*RESIDENTIAL*
2021 **THANESSAK CHANTA**...*RESIDENTIAL*
2024 **ALLAN KAWAHARADA**...*RESIDENTIAL*
2025 **DIANE GOTORI**...*RESIDENTIAL*
2028 **TANG CHEUNG**...*RESIDENTIAL*
2033 **DAVID RUIZ**...*RESIDENTIAL*
2036 **EMERIC DUENAS**...*RESIDENTIAL*
2037 **CARMEN KARANASOS**...*RESIDENTIAL*
2041 **MICHAEL SILVA**...*RESIDENTIAL*
2044 **JOANN ARVIZU**...*RESIDENTIAL*
2044 **STEVEN BENITES**...*RESIDENTIAL*
2045 **ALLAN WONG**...*RESIDENTIAL*
2048 **JANICE MA**...*RESIDENTIAL*
2049 **EDWARD CHU**...*RESIDENTIAL*
2052 **CARLOS VALENZUELA**...*RESIDENTIAL*
2056 **KENNETH FIEBELKORN**...*RESIDENTIAL*
2060 **TAI KITCHING**...*RESIDENTIAL*
2061 **EDDIE PEREZ**...*RESIDENTIAL*
2064 **RAMON MOLINA**...*RESIDENTIAL*
2065 **RICHARD BENENQUECHEA**...*RESIDENTIAL*
2068 **FRANCESCA ARCHILLA**...*RESIDENTIAL*
2069 **DAVID SANGEN**...*RESIDENTIAL*
2073 **MUI LUONG**...*RESIDENTIAL*

2022 IRIS WAY

SOURCE: DIGITAL BUSINESS DIRECTORY

2106 **JENNIE REYNA**...*RESIDENTIAL*
2110 **ANH LAM**...*RESIDENTIAL*
2114 **VERONICA TORRES**...*RESIDENTIAL*
2118 **ROBERT MARTINEZ**...*RESIDENTIAL*

2022 S ORANGE AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2022 SATURN ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1980 **UNION BANK**...*BANKS*
2019 **MONTEREY PARK KENMORE REPAIR**...*APPLIANCES-HOUSEHOLD-MAJOR-REPAIRING*
2019 **MONTEREY PARK KENMORE REPAIR**...*APPLIANCES-HOUSEHOLD-SMALL-REPAIRING*
2019 **ROBERT ODAMA**...*RESIDENTIAL*
2019 **VETERINARY HEALTHCARE CTR**...*ANIMAL HOSPITALS*
2051 **TMC POWER EQUIPMENT CO**...*IMPORTERS (WHLS)*
2051 **TMC POWER EQUIPMENT CO**...*FISHING TACKLEDEALERS*
2051 **TMC POWER EQUIPMENT CO**...*SAWS*
2051 **TMC POWER EQUIPMENT CO**...*ENGINES-GASOLINE*

2020 CLOVER DR

SOURCE: DIGITAL BUSINESS DIRECTORY

2000 **BENJAMIN OKAZAKI**...*RESIDENTIAL*
2000 **CATALINA KAMIMURA**...*RESIDENTIAL*
2004 **JOSEPH DELGADILLO**...*RESIDENTIAL*
2005 **RUBEN DELATORRE**...*RESIDENTIAL*
2005 **TORRE DELA**...*RESIDENTIAL*
2007 **ERIK CALDERON**...*RESIDENTIAL*
2008 **CINDY HONG**...*RESIDENTIAL*
2011 **GILBERT LOPEZ**...*RESIDENTIAL*
2012 **BEATRICE GIANNINO**...*RESIDENTIAL*
2015 **CHRISTINE PENA**...*RESIDENTIAL*
2020 **MARGARITA FRAGALE**...*RESIDENTIAL*
2023 **ATHENA YING**...*RESIDENTIAL*
2024 **ADELINA ROMERO**...*RESIDENTIAL*
2027 **XIAO KONG**...*RESIDENTIAL*
2028 **EVA CHAVEZ**...*RESIDENTIAL*
2035 **HEATHER NGO**...*RESIDENTIAL*
2035 **RICK NGO**...*RESIDENTIAL*
2036 **MAN LIONG**...*RESIDENTIAL*
2036 **YANG LIN**...*RESIDENTIAL*
2039 **JUSTIN YEO**...*RESIDENTIAL*
2040 **ALBERT ROBLES**...*RESIDENTIAL*
2044 **NYAN THEAN**...*RESIDENTIAL*
2047 **ANNA FAN**...*RESIDENTIAL*
2047 **SHING FAN**...*RESIDENTIAL*
2048 **ARTHUR DE CURTINS**...*RESIDENTIAL*
2055 **GILBERT BAZURTO**...*RESIDENTIAL*
2056 **DOLORES ROBERTS**...*RESIDENTIAL*
2060 **JAIME DE LA TORRE**...*RESIDENTIAL*
2063 **JASON TSAI**...*RESIDENTIAL*
2063 **TIM CHANG**...*RESIDENTIAL*
2063 **WENDY CHANG**...*RESIDENTIAL*
2064 **CAROLYN SHIMIZU**...*RESIDENTIAL*
2067 **GUSTAVO JIMENEZ**...*RESIDENTIAL*
2068 **SHIRLEY NAKAMURA**...*RESIDENTIAL*
2072 **EMILINE PROUD**...*RESIDENTIAL*
2076 **ROBERT CHEUNG**...*RESIDENTIAL*
2076 **YAN AU**...*RESIDENTIAL*

2020 FULTON AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1975 **ARMEN SEBASTIAN**...*RESIDENTIAL*
1978 **ANN GARCIA**...*RESIDENTIAL*
1979 **MIRA DURAN**...*RESIDENTIAL*
1981 **DENISE SOSNOWSKI**...*RESIDENTIAL*
2001 **PATRICIA FREDERIKSEN**...*RESIDENTIAL*
2008 **DIXIE BONAPARTE**...*RESIDENTIAL*
2009 **ABEL CASTELLANOS**...*RESIDENTIAL*
2009 **JACQULINE PEREZ**...*RESIDENTIAL*
2012 **DEBRA QUINLY**...*RESIDENTIAL*
2013 **GABRIEL CERVANTES**...*RESIDENTIAL*
2016 **AKIKO MATSUMOTO**...*RESIDENTIAL*
2016 **JOE FENG**...*RESIDENTIAL*
2016 **MIKIO TAKASE**...*RESIDENTIAL*
2017 **JOHN ENG**...*RESIDENTIAL*
2021 **SOOKPANEE CHANTA**...*RESIDENTIAL*
2024 **ALLAN KAWAHARADA**...*RESIDENTIAL*
2025 **DIANE GOTORI**...*RESIDENTIAL*
2028 **JEANNIE CHEUNG**...*RESIDENTIAL*
2029 **FRANK VASQUEZ**...*RESIDENTIAL*
2029 **LYDIA VASQUEZ**...*RESIDENTIAL*
2036 **EMERIC DUENAS**...*RESIDENTIAL*
2037 **CARMEN KARANASOS**...*RESIDENTIAL*
2038 **HENRY LI**...*RESIDENTIAL*
2041 **MICHAEL SILVA**...*RESIDENTIAL*
2044 **JOANN ARVIZU**...*RESIDENTIAL*
2045 **ALLAN WONG**...*RESIDENTIAL*
2048 **JANICE MA**...*RESIDENTIAL*
2049 **EDWARD CHU**...*RESIDENTIAL*
2052 **CARLOS VALENZUELA**...*RESIDENTIAL*
2053 **FUMIKO JINKAWA**...*RESIDENTIAL*
2056 **BETTY FIEBELKORN**...*RESIDENTIAL*
2060 **TAI KITCHING**...*RESIDENTIAL*
2061 **ANGELA PEREZ**...*RESIDENTIAL*
2061 **JACKIE YBARRA**...*RESIDENTIAL*
2065 **RICHARD BENENQUECHEA**...*RESIDENTIAL*
2069 **DAVID SANGEN**...*RESIDENTIAL*
2072 **MARY VARTANIAN**...*RESIDENTIAL*
2073 **JASMINE KO**...*RESIDENTIAL*
2073 **MUI LUONG**...*RESIDENTIAL*

2020 IRIS WAY

SOURCE: DIGITAL BUSINESS DIRECTORY

2106 **JENNIE REYNA**...*RESIDENTIAL*
2114 **VERONICA TORRES**...*RESIDENTIAL*
2118 **ROBERT MARTINEZ**...*RESIDENTIAL*

2020 S ORANGE AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1950 **EUPHEMIA LEE**...*RESIDENTIAL*

2020 SATURN ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1980 **UNION BANK**...*BANKS*
2019 **ROBERT ODAMA**...*RESIDENTIAL*
2019 **VETERINARY HEALTHCARE CTR**...*ANIMAL HOSPITALS*
2051 **TMC POWER EQUIPMENT CO**...*ENGINES-GASOLINE*
2051 **TMC POWER EQUIPMENT CO**...*FISHING TACKLEDEALERS*
2051 **TMC POWER EQUIPMENT CO**...*IMPORTERS (WHLS)*
2051 **TMC POWER EQUIPMENT CO**...*SAWS*

2016 CLOVER DR

SOURCE: DIGITAL BUSINESS DIRECTORY

2000 **BENJAMIN OKAZAKI**...*RESIDENTIAL*
2000 **CATALINA KAMIMURA**...*RESIDENTIAL*
2000 **MAS OKAZAKI**...*RESIDENTIAL*
2004 **JOSEPH DELGADILLO**...*RESIDENTIAL*
2005 **RUBEN DELATORRE**...*RESIDENTIAL*
2005 **TERRI DELATORRE**...*RESIDENTIAL*
2005 **TORRE DELA**...*RESIDENTIAL*
2008 **CINDY HONG**...*RESIDENTIAL*
2008 **VINCENT VONG**...*RESIDENTIAL*
2011 **GILBERT LOPEZ**...*RESIDENTIAL*
2011 **MARIA LOPEZ**...*RESIDENTIAL*
2011 **NICHOLAS LOPEZ**...*RESIDENTIAL*
2011 **VANESSA LOPEZ**...*RESIDENTIAL*
2012 **BEATRICE GIANNINO**...*RESIDENTIAL*
2012 **FIONEVANTE GIANNINO**...*RESIDENTIAL*
2015 **CHRISTINE PENA**...*RESIDENTIAL*
2015 **EDDIE PENA**...*RESIDENTIAL*
2020 **MARGARITA FRAGALE**...*RESIDENTIAL*
2023 **ATHENA YING**...*RESIDENTIAL*
2023 **CHENGYEN YING**...*RESIDENTIAL*
2023 **DEANNA YING**...*RESIDENTIAL*
2024 **ADELINA ROMERO**...*RESIDENTIAL*
2024 **CHRISTOPHER ROMERO**...*RESIDENTIAL*
2024 **JOHN ROMERO**...*RESIDENTIAL*
2027 **XIAO KONG**...*RESIDENTIAL*
2027 **YAO CHONG KONG**...*RESIDENTIAL*
2028 **EVA CHAVEZ**...*RESIDENTIAL*
2028 **JOE CHAVEZ**...*RESIDENTIAL*
2035 **HEATHER NGO**...*RESIDENTIAL*
2035 **RICK NGO**...*RESIDENTIAL*
2035 **SUSIE AU**...*RESIDENTIAL*
2035 **TRACY NGO**...*RESIDENTIAL*
2035 **TRI NGO**...*RESIDENTIAL*
2036 **MAN LIONG**...*RESIDENTIAL*
2036 **TJHIN-LUK LIONG**...*RESIDENTIAL*
2036 **YANG LIN**...*RESIDENTIAL*
2039 **JUSTIN YEO**...*RESIDENTIAL*
2040 **ALBERT ROBLES**...*RESIDENTIAL*
2044 **NYAN THEAN**...*RESIDENTIAL*
2047 **ANNA FAN**...*RESIDENTIAL*
2047 **CONNIE FAN**...*RESIDENTIAL*
2047 **SHING FAN**...*RESIDENTIAL*
2055 **GILBERT BAZURTO**...*RESIDENTIAL*
2055 **HELENE BAZURTO**...*RESIDENTIAL*
2056 **DOLORES ROBERTS**...*RESIDENTIAL*
2056 **HOWARD ROBERTS**...*RESIDENTIAL*
2060 **JAIME DE LA TORRE**...*RESIDENTIAL*
2060 **MARIA DE LA TORRE**...*RESIDENTIAL*
2060 **MAYRA DELATORRE**...*RESIDENTIAL*
2063 **TIM CHANG**...*RESIDENTIAL*
2063 **WARREN CHANG**...*RESIDENTIAL*
2063 **WENDY CHANG**...*RESIDENTIAL*
2064 **CAROLYN SHIMIZU**...*RESIDENTIAL*
2067 **GUSTAVO JIMENEZ**...*RESIDENTIAL*
2068 **SHIRLEY NAKAMURA**...*RESIDENTIAL*
2072 **EMILINE PROUD**...*RESIDENTIAL*
2076 **ROBERT CHEUNG**...*RESIDENTIAL*
2076 **YAN AU**...*RESIDENTIAL*

2016 FULTON AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1970 **JOSEPH PANACCI**...*RESIDENTIAL*
1970 **MARY PANACCI**...*RESIDENTIAL*
1974 **JASON KREUTZER**...*RESIDENTIAL*
1975 **ARMEN SEBASTIAN**...*RESIDENTIAL*
1975 **TERESA SEBASTIAN**...*RESIDENTIAL*
1978 **ANN GARCIA**...*RESIDENTIAL*
1978 **MERCEDES GARCIA**...*RESIDENTIAL*
1979 **MIRA DURAN**...*RESIDENTIAL*
1981 **ANDRE SOSNOWSKI II**...*RESIDENTIAL*
1981 **DENISE SOSNOWSKI**...*RESIDENTIAL*
1981 **ERLINDA SOSNOWSKI**...*RESIDENTIAL*
1981 **ROBERT SOSNOWSKI**...*RESIDENTIAL*
2001 **PATRICIA FREDERIKSEN**...*RESIDENTIAL*
2001 **ROBERT FREDERIKSEN**...*RESIDENTIAL*
2005 **YUNSHENG LEI**...*RESIDENTIAL*
2008 **DIXIE BONAPARTE**...*RESIDENTIAL*
2009 **JACQULINE PEREZ**...*RESIDENTIAL*
2012 **DEBRA QUINLY**...*RESIDENTIAL*
2012 **ERIKA QUINLY**...*RESIDENTIAL*
2013 **GABRIEL CERVANTES**...*RESIDENTIAL*
2016 **AKIKO MATSUMOTO**...*RESIDENTIAL*
2016 **JOE FENG**...*RESIDENTIAL*
2016 **MIKIO TAKASE**...*RESIDENTIAL*
2017 **JOHN ENG**...*RESIDENTIAL*
2017 **WINNIE ENG**...*RESIDENTIAL*
2021 **SOOKPANEE CHANTA**...*RESIDENTIAL*
2021 **THANESSAK CHANTA**...*RESIDENTIAL*
2024 **ALLAN KAWAHARADA**...*RESIDENTIAL*
2024 **JUNE KAWAHARADA**...*RESIDENTIAL*
2025 **DIANE GOTORI**...*RESIDENTIAL*
2025 **YAYOI GOTORI**...*RESIDENTIAL*
2029 **FRANK VASQUEZ**...*RESIDENTIAL*
2029 **LYDIA VASQUEZ**...*RESIDENTIAL*
2032 **RUDY CARVAJAL**...*RESIDENTIAL*
2036 **EMERIC DUENAS**...*RESIDENTIAL*
2036 **FRANCYN DUENAS**...*RESIDENTIAL*
2037 **CARMEN KARANASOS**...*RESIDENTIAL*
2037 **MIKE KARANASOS**...*RESIDENTIAL*
2038 **HENRY LI**...*RESIDENTIAL*
2038 **SIAD-SHUN LI**...*RESIDENTIAL*
2038 **WAYNE LI**...*RESIDENTIAL*
2038 **XIA MING LI**...*RESIDENTIAL*
2041 **MICHAEL SILVA**...*RESIDENTIAL*
2041 **SONIA SILVA**...*RESIDENTIAL*
2044 **ESTHER BENITES**...*RESIDENTIAL*
2044 **STEVEN BENITES**...*RESIDENTIAL*
2045 **ALLAN WONG**...*RESIDENTIAL*
2045 **AMY WONG**...*RESIDENTIAL*
2045 **ANNIE WONG**...*RESIDENTIAL*
2045 **RUBY WONG**...*RESIDENTIAL*
2048 **JANICE MA**...*RESIDENTIAL*
2049 **EDWARD CHU**...*RESIDENTIAL*
2052 **CARLOS VALENZUELA**...*RESIDENTIAL*
2053 **FUMIKO JINKAWA**...*RESIDENTIAL*
2056 **BETTY FIEBELKORN**...*RESIDENTIAL*
2056 **KENNETH FIEBELKORN**...*RESIDENTIAL*
2060 **TAI KITCHING**...*RESIDENTIAL*
2061 **ANGELA PEREZ**...*RESIDENTIAL*
2061 **EDDIE PEREZ**...*RESIDENTIAL*
2064 **YOLANDA PARRA**...*RESIDENTIAL*
2065 **RICHARD BENENQUECHEA**...*RESIDENTIAL*
2065 **ROSIE BENQUECHEA**...*RESIDENTIAL*
2065 **VICTORIA BENQUECHEA**...*RESIDENTIAL*
2069 **DAVID SANGEN**...*RESIDENTIAL*
2072 **MARY VARTANIAN**...*RESIDENTIAL*
2073 **JASMINE KO**...*RESIDENTIAL*
2073 **LORI KO**...*RESIDENTIAL*
2073 **MUI LUONG**...*RESIDENTIAL*

2016 IRIS WAY

SOURCE: DIGITAL BUSINESS DIRECTORY

2106 **JENNIE REYNA**...*RESIDENTIAL*
2114 **VERONICA TORRES**...*RESIDENTIAL*
2118 **ROBERT MARTINEZ**...*RESIDENTIAL*
2204 **MARY SARNI**...*RESIDENTIAL*
2204 **TONY SARNI**...*RESIDENTIAL*

2016 S ORANGE AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1950 **EUPHEMIA LEE**...*RESIDENTIAL*
1950 **FAY LEE**...*RESIDENTIAL*
1950 **LINDA LEE**...*RESIDENTIAL*
1950 **MARY KAY COSMETICS**...*COSMETICS & PERFUMES-RETAIL*

2016 SATURN ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1977 **ATM**...*AUTOMATED TELLER MACHINES*
1977 **BANK OF THE WEST**...*BANKS*
1977 **F I S**...*UNCLASSIFIED ESTABLISHMENTS*
1980 **UNION BANK**...*AUTOMATED TELLER MACHINES*
1980 **UNION BANK**...*BANKS*
1980 **UNION BANK ATM**...*AUTOMATED TELLER MACHINES*
2019 **MONTEREY PARK KENMORE REPAIR**...*APPLIANCE REPAIR & MAINTENANCE*
2019 **ROBERT ODAMA**...*RESIDENTIAL*
2051 **TMC POWER EQUIPMENT CO**...*ENGINES-GASOLINE*
2051 **TMC POWER EQUIPMENT CO**...*IMPORTERS (WHLS)*
2100 **CHUI PROFESSIONAL ENGINEER**...*ENGINEERS*
2100 **IMG FINANCIAL SOLUTIONS**...*FINANCIAL PLANNING CONSULTANTS*
2100 **WIND MEDIA INC**...*MULTIMEDIA (MFRS)*

2011 CLOVER DR

SOURCE: DIGITAL BUSINESS DIRECTORY

2004 **JOSEPH DELGADILLO**...*RESIDENTIAL*
2008 **CINDY HONG**...*RESIDENTIAL*
2008 **VINCENT VONG**...*RESIDENTIAL*
2012 **BEATRICE GIANNINO**...*RESIDENTIAL*
2015 **EDDIE PENA**...*RESIDENTIAL*
2015 **WILLIAM PENA**...*RESIDENTIAL*
2016 **WALLY TSUI**...*RESIDENTIAL*
2020 **MARGARITA FRAGALE**...*RESIDENTIAL*
2023 **ATHENA YING**...*RESIDENTIAL*
2023 **CHENGYEN YING**...*RESIDENTIAL*
2023 **DEANNA YING**...*RESIDENTIAL*
2024 **ADELINA ROMERO**...*RESIDENTIAL*
2027 **WAO KONG**...*RESIDENTIAL*
2035 **TRACY NGO**...*RESIDENTIAL*
2035 **TRINH NGO**...*RESIDENTIAL*
2036 **MATTHEW LIN**...*RESIDENTIAL*
2036 **OIKHIM LIONG**...*RESIDENTIAL*
2036 **SILVIA LIONG**...*RESIDENTIAL*
2036 **SUK LIONG**...*RESIDENTIAL*
2036 **TJHIN LIONG**...*RESIDENTIAL*
2036 **YANG LIONG**...*RESIDENTIAL*
2039 **SIGNE MARANZANO**...*RESIDENTIAL*
2040 **ALBERT ROBLES**...*RESIDENTIAL*
2043 **AARON REGALADO**...*RESIDENTIAL*
2043 **JAMILLE REGALADO**...*RESIDENTIAL*
2043 **TERRI REGALADO**...*RESIDENTIAL*
2044 **NYAN THAN**...*RESIDENTIAL*
2048 **RUTH DECURTINS**...*RESIDENTIAL*
2056 **HOWARD ROBERTS**...*RESIDENTIAL*
2060 **JAIME DELATORRE**...*RESIDENTIAL*
2060 **MARIA DELATORRE**...*RESIDENTIAL*
2063 **SUSAN CHANG**...*RESIDENTIAL*
2063 **TIM CHANG**...*RESIDENTIAL*
2063 **WARREN CHANG**...*RESIDENTIAL*
2063 **WENDY CHANG**...*RESIDENTIAL*
2064 **CAROLYN SHIMIZU**...*RESIDENTIAL*
2067 **GUSTAVO JIMENEZ**...*RESIDENTIAL*
2071 **ANTHONY FARINA**...*RESIDENTIAL*
2071 **JOSEPHINE FARINA**...*RESIDENTIAL*
2076 **YAN AU**...*RESIDENTIAL*

2011 FULTON AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1970 **JOE PANACCI**...*RESIDENTIAL*
1974 **PAOLA SKOGLAND**...*RESIDENTIAL*
1975 **TERESA SEBASTIAN**...*RESIDENTIAL*
1979 **MIRA DURAN**...*RESIDENTIAL*
1981 **ERLINDA SOSNOWSKI**...*RESIDENTIAL*
1981 **ROBERT SOSNOWSKI**...*RESIDENTIAL*
2000 **ETHAN BUCKHORN**...*RESIDENTIAL*
2000 **MERCEDES BUCKHORN**...*RESIDENTIAL*
2001 **PATRICIA FREDERIKSEN**...*RESIDENTIAL*
2008 **DIXIE BONAPARTE**...*RESIDENTIAL*
2009 **JACQULINE PEREZ**...*RESIDENTIAL*
2016 **JOSEPH FENG**...*RESIDENTIAL*
2017 **BRIAN ENG**...*RESIDENTIAL*
2017 **DAVID ENG**...*RESIDENTIAL*
2017 **JOHN ENG**...*RESIDENTIAL*
2017 **VINCENT ENG**...*RESIDENTIAL*
2017 **WINNIE ENG**...*RESIDENTIAL*
2024 **ALLAN KAWAHARADA**...*RESIDENTIAL*
2024 **JON KAWAHARADA**...*RESIDENTIAL*
2024 **JUNE KAWA**...*RESIDENTIAL*
2024 **KIM KATO**...*RESIDENTIAL*
2024 **PAIGE KATO**...*RESIDENTIAL*
2028 **JEANNIE CHEUNG**...*RESIDENTIAL*
2028 **TANG CHEUNG**...*RESIDENTIAL*
2029 **FRANK VASQUEZ**...*RESIDENTIAL*
2029 **LYDIA VASQUEZ**...*RESIDENTIAL*
2033 **DAVID RUIZ**...*RESIDENTIAL*
2033 **FERNANDO RUIZ**...*RESIDENTIAL*
2037 **CARMEN KARANASOS**...*RESIDENTIAL*
2037 **MIKE KARANASOS**...*RESIDENTIAL*
2038 **SIAO LI**...*RESIDENTIAL*
2038 **XIA LI**...*RESIDENTIAL*
2044 **ESTHER BENITES**...*RESIDENTIAL*
2045 **ALLAN WONG**...*RESIDENTIAL*
2045 **ANNIE WONG**...*RESIDENTIAL*
2045 **RUBY WONG**...*RESIDENTIAL*
2048 **JANICE MA**...*RESIDENTIAL*
2056 **BETTY FIEBELKORN**...*RESIDENTIAL*
2056 **KENNTH FIEBELKORN**...*RESIDENTIAL*
2056 **SALLY FIEBELKORN**...*RESIDENTIAL*
2060 **GREG RAMIREZ**...*RESIDENTIAL*
2060 **MADELYN RAMIREZ**...*RESIDENTIAL*
2060 **NOAH RAMIREZ**...*RESIDENTIAL*
2061 **EDDIE PEREZ**...*RESIDENTIAL*
2061 **EDUARDO PEREZ**...*RESIDENTIAL*
2068 **FRANCESCA ARCHILLA**...*RESIDENTIAL*

2011 IRIS WAY

SOURCE: DIGITAL BUSINESS DIRECTORY

2110 **ANH LAM**...*RESIDENTIAL*
2110 **LINDA LAM**...*RESIDENTIAL*
2200 **ARTHUR PURVIS**...*RESIDENTIAL*
2200 **MARIE PURVIS**...*RESIDENTIAL*

2011 S ORANGE AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1950 **EUPHEMIA LEE**...*RESIDENTIAL*
1950 **LINDA LEE**...*RESIDENTIAL*
1950 **MARY KAY COSMETICS**...*COSMETIC & BEAUTY SUPPLY STORES*
1950 **SPENSER LEE**...*RESIDENTIAL*

2011 SATURN ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1977 **BANK OF THE WEST**...*COMMERCIAL BANKING*
2019 **FKC INTL INC**...*MARKETING RESEARCH & PUBLIC OPEN POLLING*
2051 **TMC POWER EQUIPMENT CO**...*ALL OTHER DURABLE GOODS MERCHANT WHOLS*
2100 **CARETRANS FREIGHT SVC INC**...*FREIGHT TRANSPORTATION ARRANGEMENT*
2100 **CHUI PROFESSIONAL ENGINEER**...*ENGINEERING SVCS*
2100 **FOREVER LIGHT FOUNDATION**...*OTHER INDIVIDUAL & FAMILY SVCS*
2100 **HAO LIN INVESTMENT USA LTD**...*ALL OTHER DURABLE GOODS MERCHANT WHOLS*
2100 **INNOVATIVE MORTGAGE GROUP INC**...*REAL ESTATE CREDIT*
2100 **J C CORE CORP**...*COMMERCIAL BUILDING CONSTRUCTION*
2100 **LIMA HIZON LUZANA ARCHITECTS**...*ARCHITECTURAL SVCS*
2100 **SEACLIFF DIAGNOSTICS MED GROUP**...*MEDICAL LABORATORIES*
2100 **SPRING EDUCATION INSTITUTE**...*EDUCATIONAL SUPPORT SVCS*
2100 **VINCENT CHUI CONSULTING ENGR**...*ENGINEERING SVCS*
2100 **WIND MEDIA INC**...*ALL OTHER PUBLISHERS*

2008 CLOVER DR

SOURCE: DIGITAL BUSINESS DIRECTORY

2000 **BEN OKAZAKI**...*RESIDENTIAL*
2000 **MAS OKAZAKI**...*RESIDENTIAL*
2004 **R DELGADILLO**...*RESIDENTIAL*
2008 **VINCENT VONG**...*RESIDENTIAL*
2012 **F B GIANNINO**...*RESIDENTIAL*
2016 **GAVIN B LAWRENCE**...*RESIDENTIAL*
2019 **ANNA GLASS**...*RESIDENTIAL*
2020 **FRANK FRAGALE**...*RESIDENTIAL*
2023 **CHEE K KWONG**...*RESIDENTIAL*
2023 **CHENG-YEN YING**...*RESIDENTIAL*
2023 **JIAN Q LIN**...*RESIDENTIAL*
2036 **TJHINLUK LIONG**...*RESIDENTIAL*
2043 **JAMILLE REGALADO**...*RESIDENTIAL*
2048 **ARTHUR R DE CURTINS**...*RESIDENTIAL*
2052 **JASON TSAI**...*RESIDENTIAL*
2056 **H L ROBERTS**...*RESIDENTIAL*
2060 **TORRE JAIME DE LA**...*RESIDENTIAL*
2068 **S T NAKAMURA**...*RESIDENTIAL*
2071 **PETE S FARINA**...*RESIDENTIAL*

2008 FULTON AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1970 **JOE PANACCI**...*RESIDENTIAL*
1974 **AL SKOGLAND**...*RESIDENTIAL*
1974 **JASON KREUTZER**...*RESIDENTIAL*
1975 **CYNTHIA REAL**...*RESIDENTIAL*
1979 **MIRA DURAN**...*RESIDENTIAL*
2001 **EARL B FREDERIKSEN**...*RESIDENTIAL*
2004 **CHANG CHANG G LI**...*RESIDENTIAL*
2004 **CHANG G LI**...*RESIDENTIAL*
2017 **JOHN Y ENG**...*RESIDENTIAL*
2020 **YUN M CHEN**...*RESIDENTIAL*
2021 **PARICHUT SRICHOO**...*RESIDENTIAL*
2024 **ALLAN KAWAHARADA**...*RESIDENTIAL*
2029 **FRANK VASQUEZ**...*RESIDENTIAL*
2038 **XIA MING LI**...*GENERAL CROP FARM*
2053 **BEN JINKAWA**...*RESIDENTIAL*
2056 **KENNTH L FIEBELKORN**...*RESIDENTIAL*
2060 **GREG RAMIREZ**...*RESIDENTIAL*
2060 **NOAH J RAMIREZ**...*RESIDENTIAL*
2068 **KENTARO KISHI**...*RESIDENTIAL*
2068 **TAKAO MATSUSHIMA**...*RESIDENTIAL*

2008 IRIS WAY

SOURCE: DIGITAL BUSINESS DIRECTORY

2110 **W KEENA**...*RESIDENTIAL*
2118 **MICHAEL MARTINEZ**...*RESIDENTIAL*

2008 S ORANGE AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1950 **MARY KAY COSMETICS**...*TOILETRIES,COSM,PERF*

2008 SATURN ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1977 **BANK OF THE WEST**...*NATIONAL COML BANKS*
1980 **BANK ONE UBOC PRIMARY**...*NATIONAL COMMERCIAL BANK*
1980 **EADS TELECOM NORTH AMERICA**...*REPAIR TELEPHONE EQUIP*
1980 **INVESTMENT DEVELOPMENT SVCS**...*REAL ESTATE AGENTS AND MANAGERS*
1980 **UNION BANK CALIFORNIA NA**...*NATIONAL COMMERCIAL BANK*
2019 **AXT OPTO ELECTRONICS**...*MFG FIBER OPTIC COMPONENTS*
2019 **FKC INTL INC**...*MRKTING CONSULT SVCS*
2019 **INTERNATIONAL INC**...*IMPORTERS*
2019 **VETERINARY HEALTHCARE CTR**...*VETERINARY SPC SVS*
2051 **ELEMENTAL PRODUCTS INC**...*ELEMENTARY/SECONDARY SCHOOL*
2051 **TMC POWER EQUIPMENT CO**...*IMPORTERS*
2100 **AMSON INVESTMENT LLC**...*INVESTOR*
2100 **CARETRANS FREIGHT SVC INC**...*FREIGHT FORWARDING*
2100 **HAKKA FOUNDATION**...*ENGINEERING SERVICE*
2100 **HAO LIN INVESTMENT USA LTD**...*IMPORTERS*
2100 **INNOVATIVE MORTGAGE GROUP INC**...*MORTGAGE BANKERS*
2100 **J C CORE CORP**...*COMM/OFF BLDG NEW CON*
2100 **LIMA HIZON LUZANA ARCHITECTS**...*ARCHITECTURAL SVS*
2100 **MILL GROUP**...*MORTGAGE BANKERS*
2100 **SEACLIFF DIAGNOSTICS MED GROUP**...*MEDICAL LABORATORY*
2100 **SPRING EDUCATION INSTITUTE**...*EDUCATIONAL SERVICES*
2100 **VINCENT CHUI CNSLTNG ENGINEER**...*ENGINEERING SERVICE*

2003 CLOVER DR

SOURCE: DIGITAL BUSINESS DIRECTORY

2000 **MAS OKAZAKI**...*RESIDENTIAL*
2001 **R L MCDANIEL**...*RESIDENTIAL*
2016 **GAVIN B LAWRENCE**...*RESIDENTIAL*
2019 **SAML GLASS**...*RESIDENTIAL*
2020 **FRANK FRAGALE**...*RESIDENTIAL*
2023 **CHENG-YEN YING**...*RESIDENTIAL*
2024 **PAUL R ORTIZ**...*RESIDENTIAL*
2036 **AMELIA MELODY ANG**...*RESIDENTIAL*
2040 **LAWRENCE ROBLEDO**...*RESIDENTIAL*
2043 **JAMILLE MRS REGALADO**...*RESIDENTIAL*
2044 **ALFRED DURAN**...*RESIDENTIAL*
2048 **ARTHUR R DE CURTINS**...*RESIDENTIAL*
2055 **DAVID T ESTRADA**...*RESIDENTIAL*
2056 **H L ROBERTS**...*RESIDENTIAL*
2060 **TORRE JAIME DE LA**...*RESIDENTIAL*
2068 **S T NAKAMURA**...*RESIDENTIAL*
2071 **PETE S FARINA**...*RESIDENTIAL*
2072 **MILTON LEVY**...*RESIDENTIAL*

2003 FULTON AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1970 **JOE PANACCI**...*RESIDENTIAL*
1974 **AL SKOGLAND**...*RESIDENTIAL*
1974 **JASON KREUTZER**...*RESIDENTIAL*
1979 **MIRA DURAN**...*RESIDENTIAL*
2001 **EARL B FREDERIKSEN**...*RESIDENTIAL*
2008 **FAY M KNOTTS**...*RESIDENTIAL*
2012 **TONY PROPERNICK**...*RESIDENTIAL*
2013 **HARRY DOBKIN**...*RESIDENTIAL*
2016 **MARK QUINLY**...*RESIDENTIAL*
2017 **JOHN Y ENG**...*RESIDENTIAL*
2024 **ALLAN KAWAHARADA**...*RESIDENTIAL*
2029 **FRANK VASQUEZ**...*RESIDENTIAL*
2033 **MILTON MIZER**...*RESIDENTIAL*
2036 **CARL M MELLIES**...*RESIDENTIAL*
2044 **FRANK F BENITES**...*RESIDENTIAL*
2044 **STEVEN P BENITES**...*RESIDENTIAL*
2053 **BEN JINKAWA**...*RESIDENTIAL*
2056 **KENNTH L FIEBELKORN**...*RESIDENTIAL*
2060 **NOAH J RAMIREZ**...*RESIDENTIAL*
2068 **JASON TSANG**...*RESIDENTIAL*

2003 IRIS WAY

SOURCE: DIGITAL BUSINESS DIRECTORY

2110 **W KEENA**...*RESIDENTIAL*

2003 S ORANGE AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

1925 **ALFREDO ALVAREZ**...*RESIDENTIAL*
1950 **MARY KAY COSMETICS**

2003 SATURN ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1977 **UNITED CALIFORNIA BANK**
2019 **AXT INC**...*ELECTRONIC CIRCUITS*
2051 **TMC POWER EQUIPMENT CO**...*VIDEO AND AUDIO EQUIPMENT*

2000-01 CLOVER DR

SOURCE: HAINES

2000	OKAZAKI BEN
2000	OKAZAKI MAS
2001	DIOSDADO ANDRES
2004	DELGADILLOR
2005	DELATORRE RUBEN
2008	VONG VINCENT
2011	LOPEZ NICOLAS
2012	GIANNINO F B
2015	PENA EDDIE
2016	LAWRENCE GAVIN B
2019	GLASS ANNA
2020	FRAGALE FRANK
2023	KWONG CHEE KUN
2023	YING CHENG
2024	ORTIZ GLORIA L
2024	ROMERO JOHN
2024	SALES SHERRY A
2027	KONG YAO
2028	CHAVEZ JOE
2036	LIONG TIHINLUK
2043	REGALADO JAMILE
2044	KAM MAN
2047	FAN SHING
2048	DECURTINS ARTHUR R
2051	NICKOVICH DAN
2052	OBER GARY
2054	KAMGAKI ALBERT
2055	ESTRADA AUGUSTINE
2056	ROBERTS HL
2059	WIESNER SHERWAN
2060	DELATORRE JAIME
2063	CHANG WARREN
2067	JIMENEZ GUSTAVO
2068	NAKAMURA S T
2071	FARINA PETE S
2072	PROUD EDWARD
2075	SIKSAMAT B
2076	BIEDERMAN SHARON

2000-01 FULTON AVE

SOURCE: HAINES

1969	LEE KONNY
1970	PANACCI JOE
1971	LOYOLA HENRY
1974	KREUTZER JASON
1974	SKOGLAND AI
1975	REAL CYNTHIA
1978	GARCIA MERCEDES
1979	DURAN MIRA
1980	IKKANDA VANCE
2000	SW DIANE
2001	FREDERIKSEN EARL B
2004	CHANG GONG
2004	KAT FENG
2004	WU YAN Y
2005	MORICONI ROSE
2008	KNOTTS FAY M
2009	CASTELLANOS ABEL
2012	PROPERNICK MARY
2013	XXXX
2016	QUINLY MARK
2017	ENG JOHN Y
2020	CHEN YUN MEI
2020	HUANG ZHONGWEN
2021	CHANTA THANESSAK
2024	KAWAHARADA AKAN
2024	KAWAHARADA JON
2025	GOTORI FRANK
2028	JOENS VIOLA
2029	VASQUEZ FRANK
2032	KIN WAI
2033	MIZER MILTON
2036	DUENAS EMERIC
2036	MELLIES CARL M
2037	KARANASOS MIKE
2037	SANCHEZ CARMEN
2038	LI SAO
2040	XXXX
2041	SILVA MICHAEL
2044	XXXX
2045	WONG RUBY
2048	JUDGE CYNTHIA
2049	CHU EDWARD
2052	VALENZUELA CARLOS
2053	JINKAWA BEN
2056	FIEBELKORN KENNTH L
2057	ONG JACK
2060	RAMIREZ GREG
2060	RAMIREZ NOAH J
2061	PEREZ EDUARDO
2065	BENQUECHEA GIBERT
2068	BECERRA MARIO
2068	WU LOUISA
2069	SANGEN DAVID
2072	VARTANIAN MARY
2073	HURTADO JOE
2149	VASQUEZ RAFAEL

2000-01 IRIS WAY

SOURCE: HAINES

2110 **KEENA W**
2114 **TOARESFLORE V**

2000-01 S ORANGE AVE

SOURCE: HAINES

1871 **YAMANOUYE DENNIS**
1925 **ALVAREZ ARREDO**

2000-01 SATURN ST

SOURCE: HAINES

1980	**XXXX**
2001	**TYLER TRAFFICANTE INC**
2019	**ALPHA PHOTONICS INC**
2051	**TMC POWER EQP CO**

1995-96 CLOVER DR

SOURCE: HAINES

2000	**OKAZAKI MAS**
2001	**MCDANIEL R L**
2004	**XXXX**
2007	**FOSTER MARGARET Z**
2016	**LAWRENCE GAVIN B**
2019	**GLASS SAML**
2020	**FRAGALE FRANK**
2023	**YING CHENG YEN**
2024	**ORTIZ PAUL R**
2027	**XXXX**
2036	**ANG AMELIA MELODY**
2039	**XXXX**
2043	**REGALADO JAMILLE**
2044	**DURAN ALFRED**
2047	**XXXX**
2048	**DECURTINS ARTHUR R**
2052	**XXXX**
2055	**XXXX**
2056	**ROBERTS H L**
2060	**DELATORRE JAIME**
2063	**XXXX**
2064	**XXXX**
2068	**NAKAMURA ST**
2071	**FARINA PETE S**
2072	**LEVY MILION**

1995-96 FULTON AVE

SOURCE: HAINES

1969	**FEILES DAVID**
1970	**PANACCI JOE**
1974	**KREUTZER JASON**
1974	**SKOGLAND AL**
1975	**XXXX**
1978	**XXXX**
1979	**XXXX**
1980	**XXXX**
2001	**FREDERIKSEN EARL B**
2004	**XXXX**
2005	**XXXX**
2008	**KNOTTS FAY M**
2009	**PRIETTO CESAR A**
2012	**PROPERNICK TONY**
2013	**DOBKIN HARRY**
2016	**QUINLY MARK**
2017	**ENG JOHN Y**
2020	**XXXX**
2021	**XXXX**
2024	**KAWAHARADA ALLAN**
2025	**XXXX**
2029	**VASQUEZ FRANK**
2032	**SUM KIN**
2033	**MIZER MILLON**
2036	**MELLIES CARL M**
2037	**XXXX**
2040	**GAN JIAN**
2041	**XXXX**
2044	**BENITES FRANK F**
2044	**BENITES SLEVEN P**
2045	**XXXX**
2048	**XXXX**
2049	**XXXX**
2053	**JINKAWA BEN**
2056	**FIEBELKORN KENNETH**
2057	**XXXX**
2060	**RAMIREZ NOAH J**
2064	**XXXX**
2065	**XXXX**
2068	**TSANG JASON**
2069	**XXXX**
2073	**XXXX**
2149	**XXXX**

1995-96 IRIS WAY

SOURCE: HAINES

2110	**KEENA W**
2114	**FLORES HERBERT**
2200	**XXXX**
2204	**XXXX**

1995-96 S ORANGE AVE

SOURCE: HAINES

1896	**GARCIA EMILIO**
1925	**ALVAREZ ALFREDO**
1950	**LEE SPENSER**

1995-96 SATURN ST

SOURCE: HAINES

1980	**XXXX**
2019	**MITSUMI ELECTRONICS**
2019	**UNITIZED CMPNT TECH**
2051	**T M C POWER EQP CO**

1990 CLOVER DR

SOURCE: HAINES

2000	OKAZAKI MAS
2001	MCDANIEL R L
2004	XXXX
2007	FOSTER MARGARET Z
2016	LAWRENCE GAVIN B
2019	GLASS SAML
2020	FRAGALE FRANK
2023	YING CHENG YEN
2024	CHAVEZ L
2024	ORTIZ PAUL A
2027	BAYMIS YASAR
2027	KARIAN SEROP
2036	ANG AMELIA MELODY
2036	ZABAT MANUEL 3D
2039	MARANZANO ROBT
2040	ROBLEDO LAWRENCE M
2043	REGALADO JAMILLE
2044	DURAN ALFRED
2047	GOMEZ ESTELA
2048	DECURTINS ARTHUR A
2052	XXXX
2055	XXXX
2056	ROBERTS H L
2060	DELATORRE JAIME
2063	SPIRITO WM C
2064	TAKAHASHI S
2068	NAKAMURA ST
2071	FARINA PETE S
2072	LEVY MILTON
2075	XXXX
2076	XXXX
2080	XXXX

1990 FULTON AVE

SOURCE: HAINES

1969	FEILES DAVID
1970	PANACCI JOE
1974	SKOGLAND AI
1975	XXXX
1978	XXXX
1979	DURAN CARLOS G
1980	XXXX
2001	FREDERIKSEN EAD 8
2004	XXXX
2005	XXXX
2008	KNOTTS FAY M
2009	PAIETTO CESAR A
2012	PROPERNICK TONY
2013	DOBKIN HARRY
2016	QUINLY MARK
2017	ENG JOHN Y
2020	XXXX
2021	XXXX
2024	KAWAHARADA ALLAN
2025	XXXX
2029	VASQUEZ FRANK
2032	XXXX
2033	MIZER MILTON
2036	MELLIES CARL M
2037	XXXX
2040	XXXX
2041	XXXX
2044	BENITES FRANK F
2044	BENITES STEVEN P
2045	XXXX
2048	XXXX
2049	XXXX
2053	JINKAWA BEN
2056	FIEBELKORN KENNETH
2057	HARVEY JOS H JR
2060	RAMIREZ NOAH J
2064	XXXX
2065	XXXX
2068	TSANG JASON
2069	XXXX
2073	XXXX
2149	XXXX

1990 IRIS WAY

SOURCE: HAINES

2110 **KEENA W**
2200 **PURVIS ROBT**
2204 **XXXX**

1990 S ORANGE AVE

SOURCE: HAINES

1880 **HIGA L S**
1925 **ALVAREZ ALFREDO**

1990 SATURN ST

SOURCE: HAINES

1980	DATASERV CMPTA MNTC
2019	UNITIZED CHPNT TECH
2019	UNITIZED CMPNT TECH
2051	T M C POWER EQP CO

1985 CLOVER DR

SOURCE: HAINES

2000	OKAZAKI MAS
2001	MCDANIEL R L
2004	XXXX
2007	FOSTER MARGARET Z
2016	LAWRENCE GAVIN B
2019	GLASS SAML
2020	FRAGALE FRANK
2023	YING CHENG YEN
2024	CHAVEZ L
2024	ORTIZ PAUL R
2027	KARIAN JOHN
2036	KAITANGIAN BILL
2036	KAITANGIAN JOHN A
2039	MARANZANO ROBT
2040	XXXX
2043	REGALADO JAMILLE
2044	DURAN ALFRED
2044	DURAN MOLLY
2047	GOMEZ ESTELA
2048	DECURTINS ARTHUR R
2052	ZHA GE YING YING
2055	XXXX
2056	ROBERTS HL
2063	SPIRITO WM C
2064	NOJIRI HIROYUKI
2068	NAKAMURA ST
2071	FARINA PETE S
2072	LEVY MILTON
2075	XXXX
2076	XXXX
2080	WEINSTOCK CHAS

1985 FULTON AVE

SOURCE: HAINES

1969	FEILES DAVID
1970	PANACCI JOE
1974	SKOGLAND AL
1975	CAMARENA GUILLERMO
1978	XXXX
1979	DURAN CARLOS G
1980	XXXX
2001	FREDERIKSEN EARL B
2004	XXXX
2005	XXXX
2008	KNOTTS FAY M
2012	PROPERNICK TONY
2013	DOBKIN HARRY
2016	QUINLY RALPH N
2017	ENG JOHN Y
2020	XXXX
2021	CHEN MARK M
2021	HAN JENNIE
2024	KAWAHARADA ALLAN
2025	XXXX
2028	STOCKMEL HELEN E
2029	VASQUEZ FRANK
2032	XXXX
2033	MIZER MILTON
2036	MELLIES CARL M
2037	XXXX
2040	BRANCH E M
2041	XXXX
2044	BENITES FRANK F
2045	SCHEIBEL REUBEN
2048	XXXX
2049	XXXX
2053	JINKAWA BEN
2056	FIEBELKORN KENNETH
2057	HARVEY JOS H JA
2060	RAMIREZ NOAH J
2064	XXXX
2065	BENQUECHEA GILBERT
2068	XXXX
2069	XXXX
2073	XXXX
2149	XXXX

1985 IRIS WAY

SOURCE: HAINES

2110	KEENA W
2200	PURVIS ROBT
2204	XXXX

1985 S ORANGE AVE

SOURCE: HAINES

1880	**HIGA L S**
1925	**ALVAREZ ALFREDO**
1950	**OCONNOR J**
1950	**UNICORN SECRETARIAL**

1985 SATURN ST

SOURCE: HAINES

1977	**XXXX**
2019	**UNITIZED COMPONET**
2051	**TAS MOTOR CO INC**

1979 CLOVER DR

SOURCE: HAINES

2000	OKAZAKI MAS
2001	MCDANIEL R L
2004	CARBAJAL ROBERTA
2007	FOSTER MARGARET Z
2016	LAWRENCE GAVIN B
2019	GLASS SAML
2020	FRAGALE FRANK
2023	PARKER JESSE ROBT
2024	ORTIZ PAUL R
2027	KAROGLU VARUJAN
2036	KAITANGIAN BILL
2036	KAITANGIAN JOHN R
2039	MARANZANO ROBT
2040	ROBLEDO MANUEL
2043	REGALADO JAMILLE
2044	DURAN ALFRED
2044	DURAN MOLLY
2047	GOMEZ ESTELA
2048	DECURTINS ARTHUR R
2052	BOYLE PAUL
2055	XXXX
2056	ROBERTS H L
2063	SPIRITO WM C
2064	ICHIHARA TERUHISA
2068	NAKAMURA S T
2071	FARINA PETE S
2072	LEVY MILTON
2075	XXXX
2076	SWENOHA FRITZ
2080	WEINSTOCK CHAS

1979 FULTON AVE

SOURCE: HAINES

1969	FEILES DAVID
1970	PANACCI JOE
1974	SKOGLAND AL
1975	CAMARENA GUILLERMO
1978	FRICKBERG ARNE
1979	DURAN CARLOS G
1980	KONDO KOMAO
2000	FISCHER B J
2001	FREDERIKSEN EARL B
2004	UYEDA ROGER M
2005	XXXX
2008	KNOTTS FAY M
2012	PROPERNICK TONY
2013	DOBKIN HARRY
2016	QUINLY RALPH N
2017	LUANGRAJ BOUALONG
2020	XXXX
2021	CHEN MARK M
2021	HAN JENNIE
2024	KAWAHARADA ALLAN
2025	XXXX
2028	STOCKMEL HELEN E
2029	VASQUEZ FRANK
2032	XXXX
2033	MIZER MILTON
2036	MELLIES CARL M
2040	BRANCH E M
2041	MASUDA ROBT H
2044	BENITES FRANK F
2045	SCHEIBEL REUBEN
2048	XXXX
2049	XXXX
2053	JINKAWA BEN
2056	FIEBELKORN KENNETH
2057	HARVEY JOS H JR
2060	RAMIREZ NOAH J
2064	XXXX
2065	BENQUECHEA GILBERT
2068	FERNANDEZ ANTHONY
2069	ISHIKAWA TOSHI
2072	VARTANIAN SAHAG
2073	XXXX
2149	EBIHARA H

1979 IRIS WAY

SOURCE: HAINES

2110	**XXXX**
2200	**MONTERY ART GALLERY**
2200	**PURVIS ALBERT**
2204	**BERNARD MATHEW D**

1979 S ORANGE AVE

SOURCE: HAINES

0	**DUNN R H & CO**
1871	**GOULET A**
1925	**ALVAREZ A**
1925	**ALVAREZ ALFREDO**
1925	**ALVAREZ LETICIA M**
1950	**LEE SPENSER**

1979 SATURN ST

SOURCE: HAINES

2019 **UNITIZED CMPNT TCHN**
2019 **UNITIZED COMP TCHNL**
2051 **TAS MOTOR CO INC**

1975 CLOVER DR

SOURCE: HAINES

2000 **OFFICER RONALD**
2001 **MCDANIEL R L**
2004 **XXXX**
2007 **FOSTER MARGARET Z**
2016 **LAWRENCE GAVIN B**
2019 **GLASS SAML**
2020 **FRAGALE FRANK**
2023 **PARKER JESSE ROBT**
2027 **KAROGLU VARUJAN**
2036 **KAITANGIAN BILL**
2036 **KAITANGIAN JOHN**
2039 **MARANZANO ROBT**
2040 **ROBLEDO MANUEL**
2043 **REGALADO JAMILLE**
2044 **DURAN ALFRED**
2044 **DURAN MOLLY**
2047 **GOMEZ ESTELA**
2048 **DECURTINS ARTHUR R**
2052 **XXXX**
2055 **XXXX**
2056 **ROBERTS H L**
2063 **SPIRITO WM C**
2064 **PEREZ RAFAEL M**
2068 **NAKAMURA ST**
2071 **FARINA PETE S**
2072 **LEVY MILTON**
2075 **HANPACHERN ARAN**
2076 **SWENOHA FRITZ**
2080 **WEINSTOCK CHAS**

1975 FULTON AVE

SOURCE: HAINES

1969	FEILES FAYE
1970	PANACCI JOE
1974	SKOGLAND AL
1975	CAMARENA GUILLERMO
1978	FRICKBERG ARNE
1979	DURAN CARLOS G
1980	KONDO KOMAO
2000	FISCHER B J
2001	FREDERIKSEN EARL B
2004	UYEDA ROGER M
2005	MORICONI ANGELO
2008	KNOTTS FAY M
2012	PROPERNICK TONY
2013	DOBKIN HARRY
2016	QUINLY RALPH N
2017	FUNG KHONG HÆ N L
2020	MORALES FRANK
2021	MATSUNO JEAN
2021	MATSUNO MINORU J
2024	KAWAHARADA ALLAN
2025	XXXX
2028	STOCKMEL HELEN E
2029	VASQUEZ FRANK
2032	XXXX
2033	MIZER MILTON
2036	MELLIES CARL M
2040	BRANCHEM
2041	XXXX
2044	BENITES ESTHER
2044	BENITES FRANK F
2045	SCHEIBEL REUBEN
2048	XXXX
2049	XXXX
2053	JINKAWA BEN
2056	FIERELKORN KENNETH
2057	HARVEY JOS H JR
2060	RAMIREZ NOAH J
2064	XXXX
2065	BENCUECHEA GILBERT
2068	FERNANDEZ ANTHONY
2069	YAMASHITA T
2072	VARTANIAN SAHAG
2073	MATSUKIYO YOKO
2149	MARDONES RAUL

1975 IRIS WAY

SOURCE: HAINES

2110	KEENA WILMA
2110	KEENA WM
2200	MONTEREY ART GLLRES
2200	PURVIS ALBERT
2204	XXXX

1975 S ORANGE AVE

SOURCE: HAINES

1871	**ROSENFELD B L DR**
1925	**OLD DAVID A**
1925	**PEDERSEN THORVALD**
1950	**XXXX**

1975 SATURN ST

SOURCE: HAINES

STREET NOT LISTED

1972 CLOVER DR

SOURCE: HAINES

2000	MENGES ROGER
2001	MCDANIEL R L
2007	FOSTER MARGARET Z
2016	LAWRENCE GAVIN B
2019	GLASS SAML
2020	FRAGALE FRANK
2023	PARKER JESSE ROBT
2027	HAGOPIAN SUREN
2036	KAITANGIAN JOHN
2039	MARANZANO ROBT
2040	ROBLEDO MANUEL
2043	REGALADO JAMILLE
2044	DURAN ALFRED
2044	DURAN MOLLY
2047	GOMEZ ESTELA
2048	DECURTINS ARTHUR R
2052	LYONS FRANK
2055	ORTIZ GERRARD R
2056	ROBERTS H L
2063	SPIRITO WM C
2064	PEREZ RAFAEL M
2068	NAKAMURA GEO O
2071	FARINA PETE S
2072	LEVY MILTON
2075	MINAMOTO MASATAKE
2076	SWENOHA FRITZ
2080	WEINSTOCK CHAS

1972 FULTON AVE

SOURCE: HAINES

1969	FEILES FAYE
1970	PANACCI JOE
1974	SKOGLAND AL
1975	CAMARENA GUILLERMO
1978	FRICKBERG ARNE
1979	DURAN CARLOS G
1979	W R S PNTG CNTRCTRS
1980	STILLERMAN MILTON
2000	FISCHER BETTY J
2001	FREDERIKSEN EARL B
2004	KORENAGA GEO
2005	MORICONI ANGELO
2008	KNOTTS FAY M
2012	KECK DONNA
2012	PROPERNICK TONY
2013	DOBKIN HARRY
2016	QUINLY RALPH N
2017	RUDNICK AL
2020	MORALES FRANK
2021	MATSUNO JEAN
2021	MATSUNO MINORU J
2024	KAWAHARADA ALLAN
2025	GOTORI FRANK S
2028	STOCKMEL HELEN E
2029	VASQUEZ FRANK
2032	DANSON RICHARD
2033	MIZER MILTON
2036	MELLIES CARL M
2040	BRANCH EM
2041	KREUTZER FOSTER MRS
2044	BENITES ESTHER
2044	BENITES FRANK F
2045	SCHEIBEL REUBEN
2048	XXXX
2049	SANCHEZ RAYMOND
2053	JINKAWA BEN
2056	FIEBELKORN KENNETH
2057	HARVEY JOS H JR
2060	RAMIREZ NOAH J
2064	XXXX
2065	BENQUECHEA GILBERT
2065	BENQUECHEA V
2068	FERNANDEZ ANTHONY
2072	VARTANIAN SAHAG
2073	BOWERS BENTON JR
2149	MARDONES RAUL

1972 IRIS WAY

SOURCE: HAINES

2110 **KEENA WILMA**
2110 **KEENA WM**
2200 **MONTEREY ART GLLRES**
2200 **PURVIS ALBERT**
2204 **DINA THOS**

1972 S ORANGE AVE

SOURCE: HAINES

1820 **MCGUIRE VERNON K**
1950 **WOOLUM JOHN**

1972 SATURN ST

SOURCE: HAINES

STREET NOT LISTED

1970 CLOVER DR

SOURCE: POLKS

2000	MENGES ROGER C
2001	MC DANIEL ROBT L
2004	MADRAZO ROGELIO
2005	DE LA TORRE RUBEN
2007	FOSTER MARGT Z MRS
2008	RAUM PAUL L JR
2011	PETROVICH ALEX J
2012	GIANNINO ABNER B
2015	NO RETURN
2016	LAWRENCE GAVIN B
2019	GLASS SAML
2020	FRAGALE FRANK
2023	PARKER JESSE R
2024	GARCIA SALVADOR D
2027	NO RETURN
2028	CHAVEZ JOE
2031	WONG NORA L MRS
2032	PARSON RUSSELL E JR
2035	NO RETURN
2036	KAITANGIAN LEONOR MRS
2039	MARANZANO ROBT C
2040	ROBLEDO MANUEL
2043	REGALADO ZEKE
2044	NO RETURN
2047	CARDENAS EDMUNDO F
2048	DE CURTINS ARTH R
2051	NICKOVICH DAN
2052	LYONS FRANK
2055	ORTIZ GERRARD R
2056	ROBERTS HOWARD L
2059	WIESNER SHERWIN R
2060	QUAN MARY
2063	SPIRITO WM C
2064	PEREZ RAFAEL M
2067	DE LEON LIONEL R
2068	NAKAMURA GEO O
2071	FARINA PETE S
2072	LEVY MILTON
2075	MINAMOTE MASATAKE
2076	NO RETURN
2080	WEINSTOCK CHARLES

1970 FULTON AVE

SOURCE: POLKS

1969	FEILES DAVID D
1970	NO RETURN
1971	NO RETURN
1974	SKOGLAND ALF
1975	NO RETURN
1978	FRICKBERG ARNE E
1979	DURAN CARLOS G
1979	DURAN PAINTING CONTRACTORS
1980	NO RETURN
1981	SOSNOWSKI ROBT
2000	FISCHER BETTY J MRS
2001	FREDER IKSEN EARL B
2004	KORENAGA GEO Y
2005	MORICONI ANGELO
2008	MORGAN GENEVIEVE M MRS
2009	COSTELLANOS ABEL F
2012	PROPERNICK TONY J
2013	NO RETURN
2016	QUINLY RALPH N
2017	NO RETURN
2020	MORALES FRANK
2021	MATSUNO MINORU J
2024	KAWAHARADA ALLAN
2025	GOTORI FRANK S
2028	JOENS VIOLA A MRS MRS
2029	VASQUEZ FRANK
2032	DAWSON RICHD R
2033	MIZER MILTON S
2036	MELLIES CARL M
2037	GREENBAUM DONALD H
2040	BRANCH EARL M
2041	KREUTZER FOSTER W
2041	KREUTZER GEOFFREY
2044	BENITES FRANK
2045	NO RETURN
2048	KLEIN MILTON
2049	SANCHEZ RAYMOND
2052	VALENZUELA CARLOS B
2053	NO RETURN
2056	FIEBELKORN KENNETH L
2057	HARVEY JOSEPH H
2060	RAMIREZ NOAH J
2061	PEREZ EDDIE N
2064	MOLINA RAY N
2065	BENQUECHEA GILBERT
2068	NO RETURN
2069	BORELLO VINCENT
2072	GEVORKIAN MARY MRS
2073	BOWERS BENTON M JR
2149	NO RETURN

1970 IRIS WAY

SOURCE: POLKS

2106	PRAGER PETER R
2110	KEENA WM L
2114	RAMIREZ PAUL
2118	BRANT JOHN R
2200	PURVIS ALBERT
2204	DINA THOS

1970 S ORANGE AVE

SOURCE: POLKS

1896 **GARCIA EMILIO H**
1925 **KADLUB RUDOLPH**
1950 **NAGEL RICHD W**

1970 SATURN ST

SOURCE: POLKS

STREET NOT LISTED

1965 CLOVER DR

SOURCE: POLKS

2001	MC DANIEL ROBT L
2004	SAWITZKY FRED W
2005	HATHAWAY WM
2007	FOSTER EDW D
2008	SADON DONALD L
2011	PETROVICH ALEX J
2012	GIANNINO ABNER B
2015	PENA EDDIE M
2016	LAWRENCE GAVIN B
2019	GLASS SAML
2020	FRAGALE FRANK
2023	PARKER JESSE R
2024	GARCIA SALVADOR D
2027	HAGOPIAN SUREN
2028	CHAVEZ JOE
2031	WONG NORA L MRS MRS
2032	PARSONS RUSSELL E JR
2035	ORNELAS MANUEL
2036	KAITANGIAN JOHN
2039	MARANZANO ROBT C
2040	HERBERT RUSSELL C
2043	REGALADO ZEKE
2044	DURAN ALF A
2047	SCHNYDER DAVID
2048	DE CURTINS ARTH R
2051	NICKOVICH DAN
2052	LEHRER GEO S
2055	LEWIS WALTER H
2056	ROBERTS HOWARD L
2059	WIESNER SHERWIN R
2060	WONG MARY
2063	SPIRITO WM C

1965 FULTON AVE

SOURCE: POLKS

1969	FEILES DAVID D
1970	PANACCI JOSEPH R
1971	ROSELINSKY FRANK D SCRAPMN
1974	SKOGLAND ALF
1975	BENSCHOP HENRY T
1978	FRICKBERG ARNE E
1979	DURAN CARLOS G
1980	STILLERMAN MILTON
1981	GREEN RUBEN
2000	FISCHER WM G
2001	FREDERIKSEN EARL B
2004	KORENAGA GEO Y
2005	MORICONI ANGELO
2008	MORGAN GENEVIEVE M MRS
2009	COSTELLANOS ABEL F
2012	SHACKLES FRANK J
2013	DOBKIN HARRY N
2016	QUINLY RALPH N
2017	RUDNICK AL
2020	MORALES FRANK
2021	MATSUNO JACK M
2024	CLARK DANNY M
2025	GOTORI FRANK S
2028	JOENS VIOLA A MRS
2029	VASQUEZ FRANK
2032	MARTINEZ RUDY R
2033	MIZER MILTON S
2036	MELLIES CARL M
2037	GREENBAUM DONALD H
2040	BRANCH EARL M
2041	KREUTZER FOSTER W
2041	KREUTZER GEOFFREY
2044	BENITES FRANK
2045	SCHEIBEL REUBEN A
2048	KLEIN MILTON
2052	BEHAR MORRIE
2053	FEDOR LESLIE
2056	FIELELKORN KENNETH
2057	HARVEY JOSEPH E
2060	RAMIREZ NOAH J
2061	DIAZ LEO
2064	MOLINA RAMON
2065	BENQUECHEA GILBERT
2065	BURGE HARRY DEAN
2068	FERNANDEZ ANTHONY
2069	NO RETURN
2072	GEVORKIAN MARY MRS
2073	BOWERS BENTON M JR
2149	AGREDANO LOUIS D

1965 IRIS WAY

SOURCE: POLKS

1206	**RISEN ELEANORE MRS**
2110	**GODINEZ JOE**
2114	**CHAVEZ RUPERTO**
2118	**BRANT JOHN R**
2200	**PURVIS ALBERT T**
2204	**VACANT**

1965 S ORANGE AVE

SOURCE: POLKS

1896	**VARTANIAN BEN**
1925	**KACLUB RUDOLPH**
1950	**NAGEL RICHD W**

1965 SATURN ST

SOURCE: POLKS

STREET NOT LISTED

1963 CLOVER DR

SOURCE: POLKS

2000	BAKER ERNEST C
2001	MC DANIEL ROBT R L
2004	SAWITZKY FRED W
2005	DEEM ROBT T
2007	FOSTER EDW D
2008	LETTERMAN ACEY O
2011	PETROVICH ALEX J
2012	GIANNINO ABNER
2015	PENA EDDIE M
2016	NO RETURN
2019	GLASS SAML
2020	FRAGALE FRANK
2023	PARKER JESSE R
2024	GARCIA SALVADOR D
2027	HAGOPIAN SUREN
2028	MC CLISTER GEO A
2031	TRONCALE CARL
2032	PARSONS RUSSELL E JR
2035	KELLY LAWRENCE
2036	KAITANGIAN JOHN
2039	MARANZANO ROBT
2040	HERBERTS RUSSELL
2043	REGALADO ZEKE
2044	DURAN ALFRED
2047	SCHNYDER DAVID
2048	DE CURTINS ARTH
2051	NICKOVICH DAN
2052	MORROW ROBT W
2055	LEWIS WALTER H
2056	ROBERTS HOWARD L
2059	WIESNER SHERWIN R
2060	VACANT
2063	SPIRITO WM C
2064	MASTRO ARTH
2067	DE LEON LIONEL R
2068	NO RETURN
2071	FARINA PETE S
2072	LEVY MILTON
2075	BEREKIAN ARA
2076	LEE J ALVIN
2080	WEINSTOCK CHARLES

1963 FULTON AVE

SOURCE: POLKS

1969	FIELES DAVID
1970	PANACCI JOSEPH R
1971	ROSEL INSKY FRANK D
1974	SKOGLAND ALF
1975	EBERLE JAMES H
1978	FRIEKBERG ARNE E
1979	DURAN CARLOS G
1980	STILLERMAN MILTON
1981	GREEN RUBEN
2000	FISCHER WM G
2001	FREDERIKSEN EARL B
2004	KORENAGA GEO Y
2005	MORICONI ANGELO
2008	KNOTTS VICTOR D
2009	MORROW EDW L
2012	SHACKLES FRANK J
2013	DOBKIN HARRY N
2016	QUINLY RALPH N
2017	RUDNICK AL
2020	MORALES FRANK
2021	RUSSO PAUL S
2024	KUREGIAN ARMENAK
2025	GOTORI FRANK S
2028	JOENS J ORVIN
2029	VASQUEZ FRANK
2032	LOMASK RUSSELL
2033	MIZER MILTON S
2036	MELLIES CARL M
2037	VACANT
2040	BRANCH EARL M
2041	KREUTZER DENNIS
2041	KREUTZER FOSTER W
2044	ANDERSON JOHN K
2045	SCHEIBEL REUBEN A
2048	KLEIN MILTON
2052	JOHNSON LORRAINE MRS
2053	FEDOR LESLIE
2056	FIEBELKORN KENNETH L
2057	HARVEY JOSEPH E
2060	RAMIREZ NOAH J
2061	DIAZ LEO
2064	MOLINA RAMON
2065	BURGE HARRY DEAN
2068	FERNANDEZ ANTHONY
2069	BORELLO VINCENT J
2072	GEVORKIAN MARY MRS
2073	BOWERS BENTON M JR
2149	AGREDANO LOUIS D

1963 IRIS WAY

SOURCE: POLKS

2106	RISEN KENNETH L
2110	ANARADIAN LEON
2110	GODINEZ JOE
2114	VACANT
2118	BRANT JOHN R
2200	PURVIS ALBERT T
2204	VACANT

1963 S ORANGE AVE

SOURCE: POLKS

1896 **VARTANIAN BEN**
1925 **KADLUB RUDOLPH**
1950 **VARNIER RONALD D**

1963 SATURN ST

SOURCE: POLKS

STREET NOT LISTED

1949 CLOVER DR

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1949 FULTON AVE

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1949 IRIS WAY

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1949 S ORANGE AVE

SOURCE: LA DIRECTORY CO

RANGE NOT LISTED

1949 SATURN ST

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1943 CLOVER DR

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1943 FULTON AVE

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1943 IRIS WAY

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1943 S ORANGE AVE

SOURCE: LA DIRECTORY CO

RANGE NOT LISTED

1943 SATURN ST

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1941 CLOVER DR

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1941 FULTON AVE

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1941 IRIS WAY

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1941 S ORANGE AVE

SOURCE: LA DIRECTORY CO

RANGE NOT LISTED

1941 SATURN ST

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1939 CLOVER DR

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1939 FULTON AVE

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1939 IRIS WAY

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1939 S ORANGE AVE

SOURCE: LA DIRECTORY CO

RANGE NOT LISTED

1939 SATURN ST

SOURCE: LA DIRECTORY CO

STREET NOT LISTED

1935 CLOVER DR

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1935 FULTON AVE

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1935 IRIS WAY

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1935 S ORANGE AVE

SOURCE: LOS ANGELES DIRECTORY CO

RANGE NOT LISTED

1935 SATURN ST

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1930 CLOVER DR

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1930 FULTON AVE

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1930 IRIS WAY

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1930 S ORANGE AVE

SOURCE: LOS ANGELES DIRECTORY CO

RANGE NOT LISTED

1930 SATURN ST

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1926 CLOVER DR

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1926 FULTON AVE

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1926 IRIS WAY

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED

1926 S ORANGE AVE

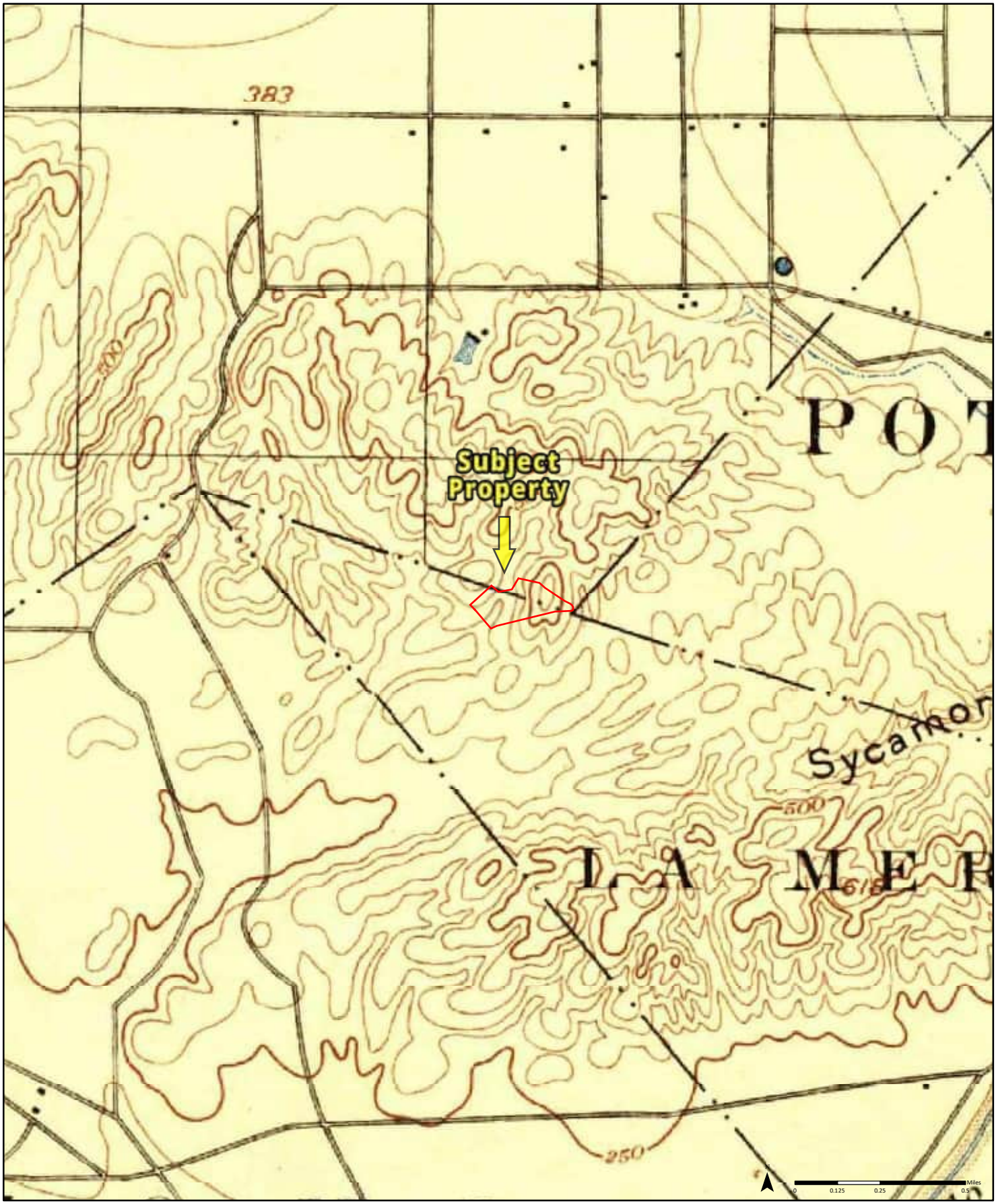
SOURCE: LOS ANGELES DIRECTORY CO

RANGE NOT LISTED

1926 SATURN ST

SOURCE: LOS ANGELES DIRECTORY CO

STREET NOT LISTED



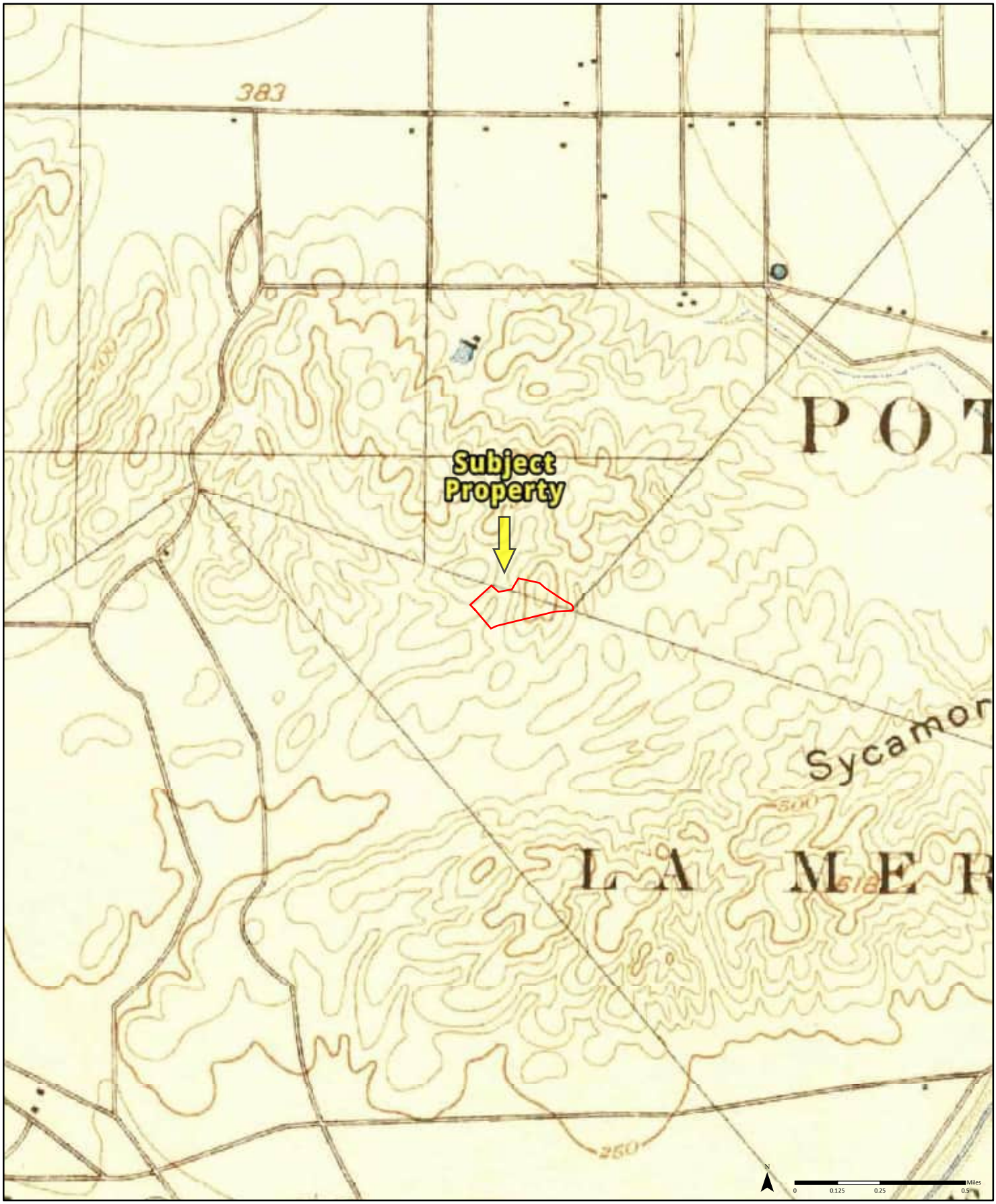
1894

Quadrangle(s): Los Angeles, CA

Order No. 23031600529

Source: USGS 15 Minute Topographic Map

PARTNER



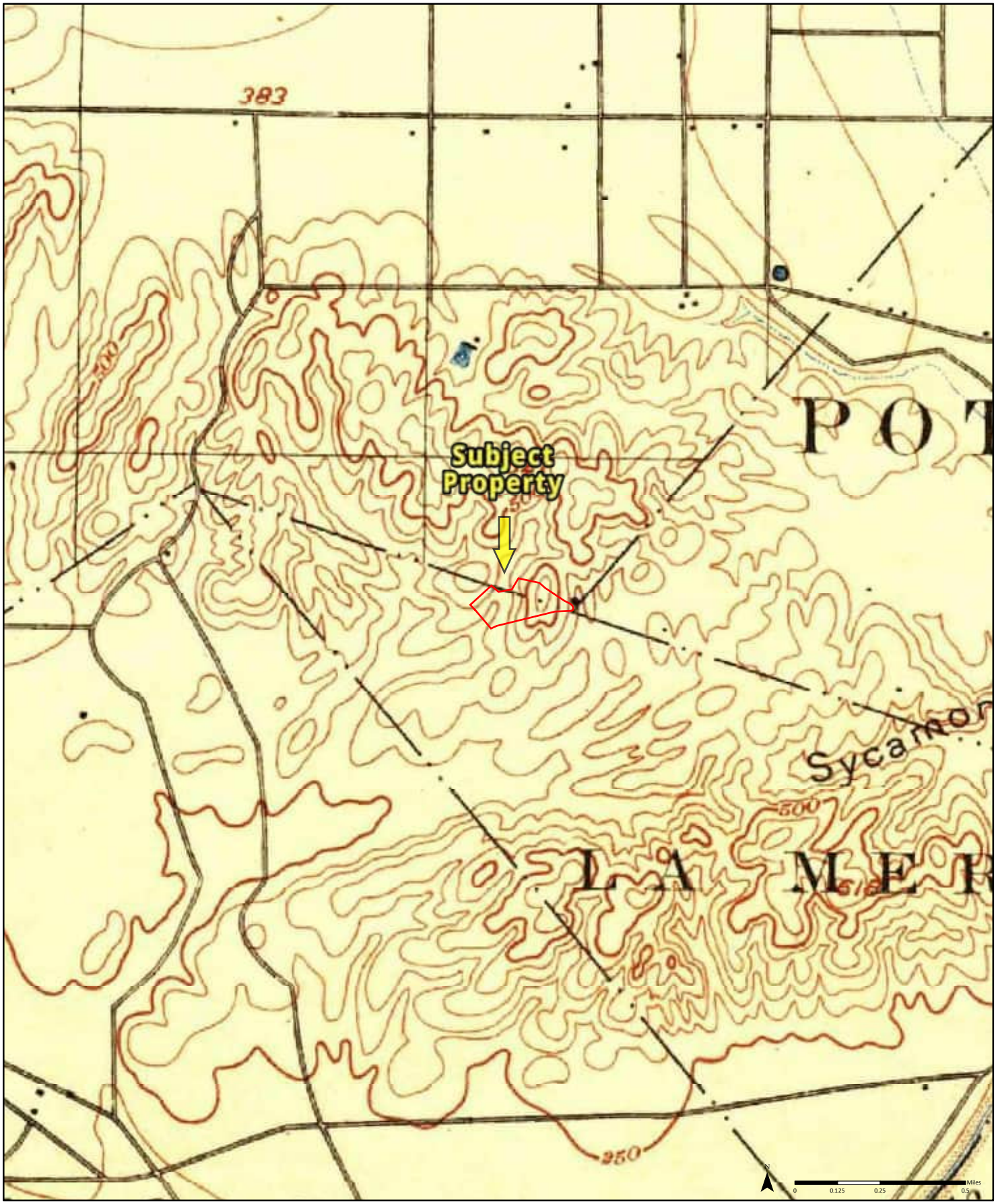
1896

Quadrangle(s): Los Angeles, CA
Pasadena, CA

Order No. 23031600529

Source: USGS 15 Minute Topographic Map

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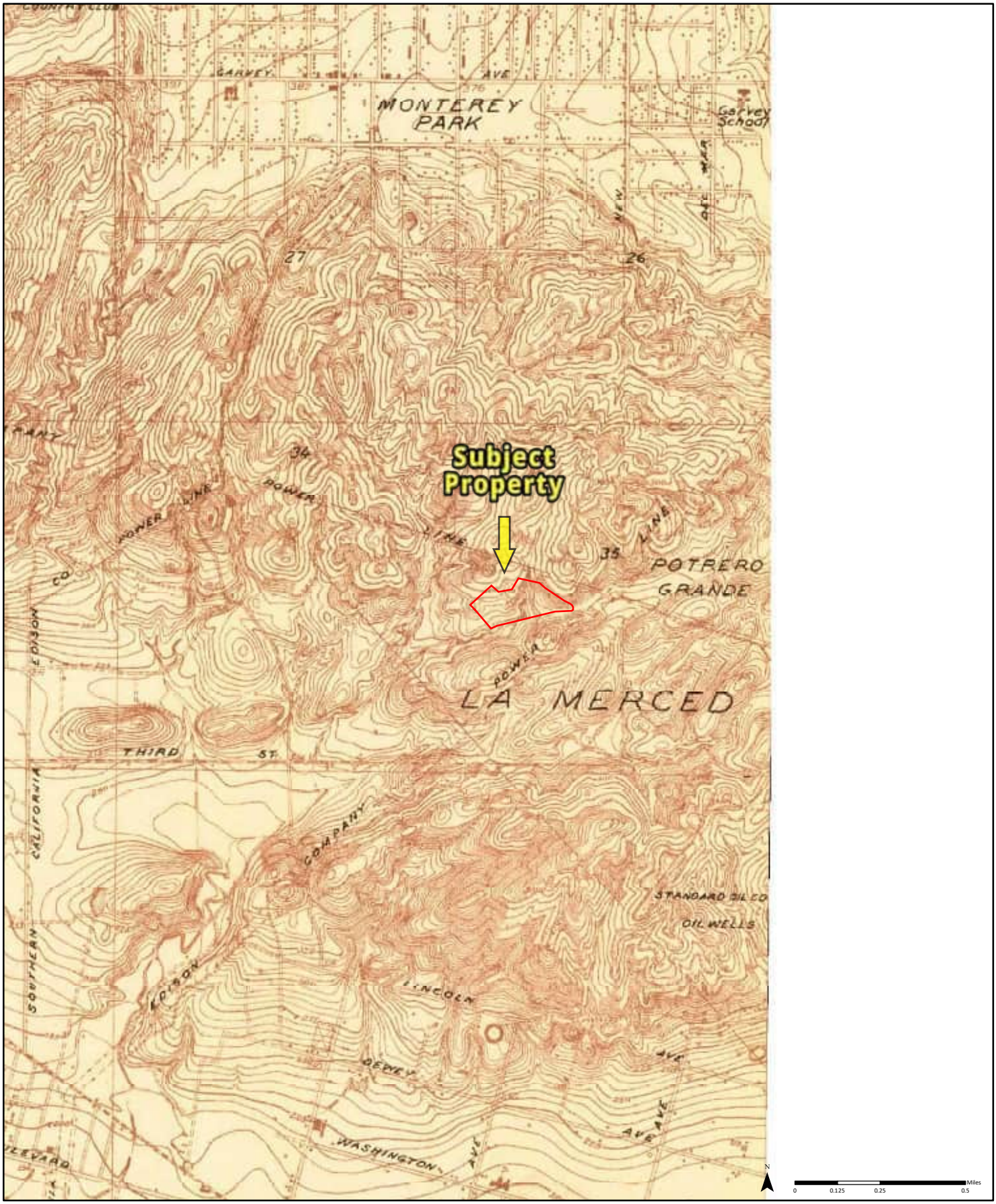
1900

Quadrangle(s): Los Angeles, CA
Pasadena, CA

Order No. 23031600529

Source: USGS 15 Minute Topographic Map

PARTNER



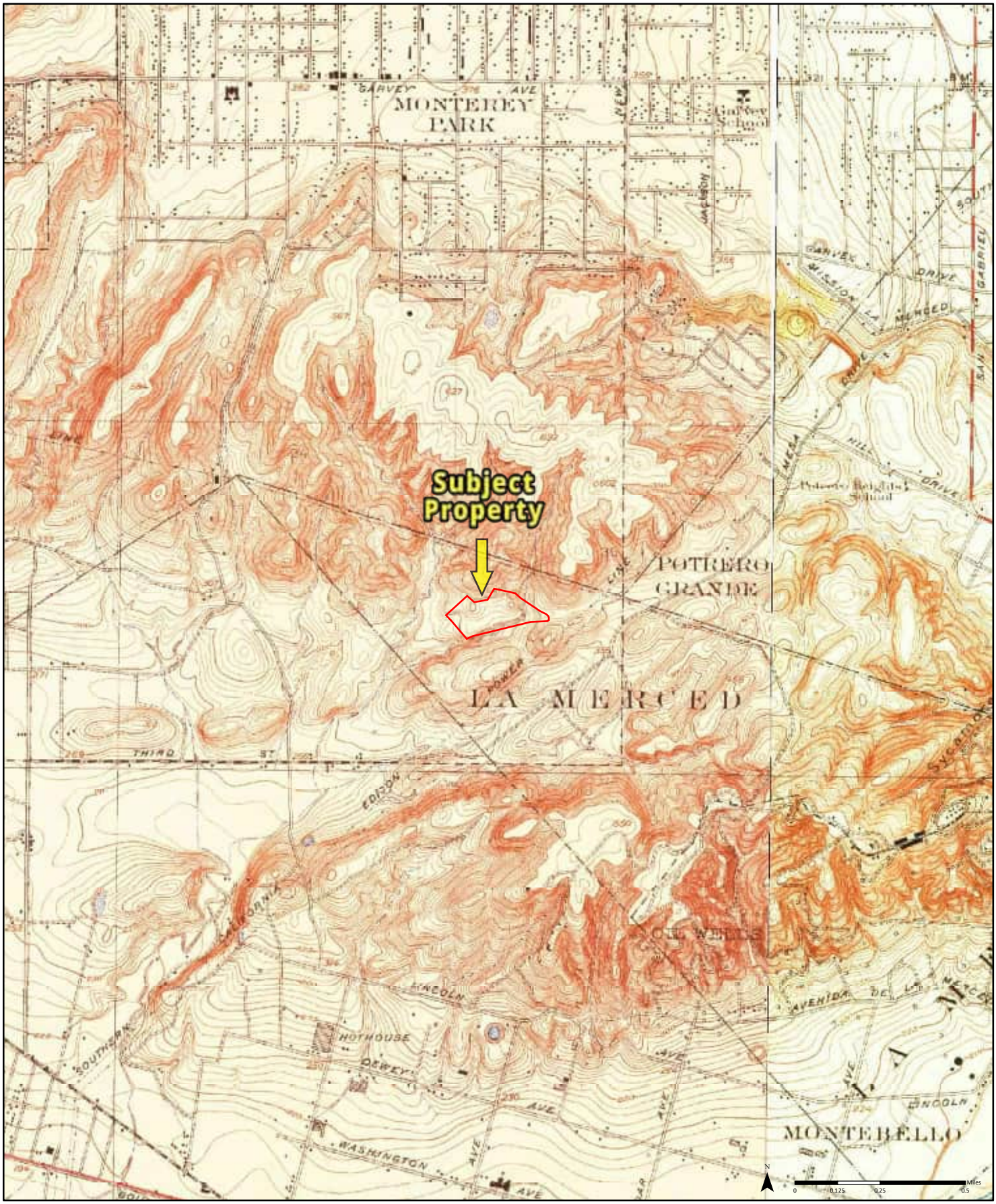
1924

Quadrangle(s): Alhambra, CA

Order No. 23031600529

Source: USGS 7.5 Minute Topographic Map

PARTNER



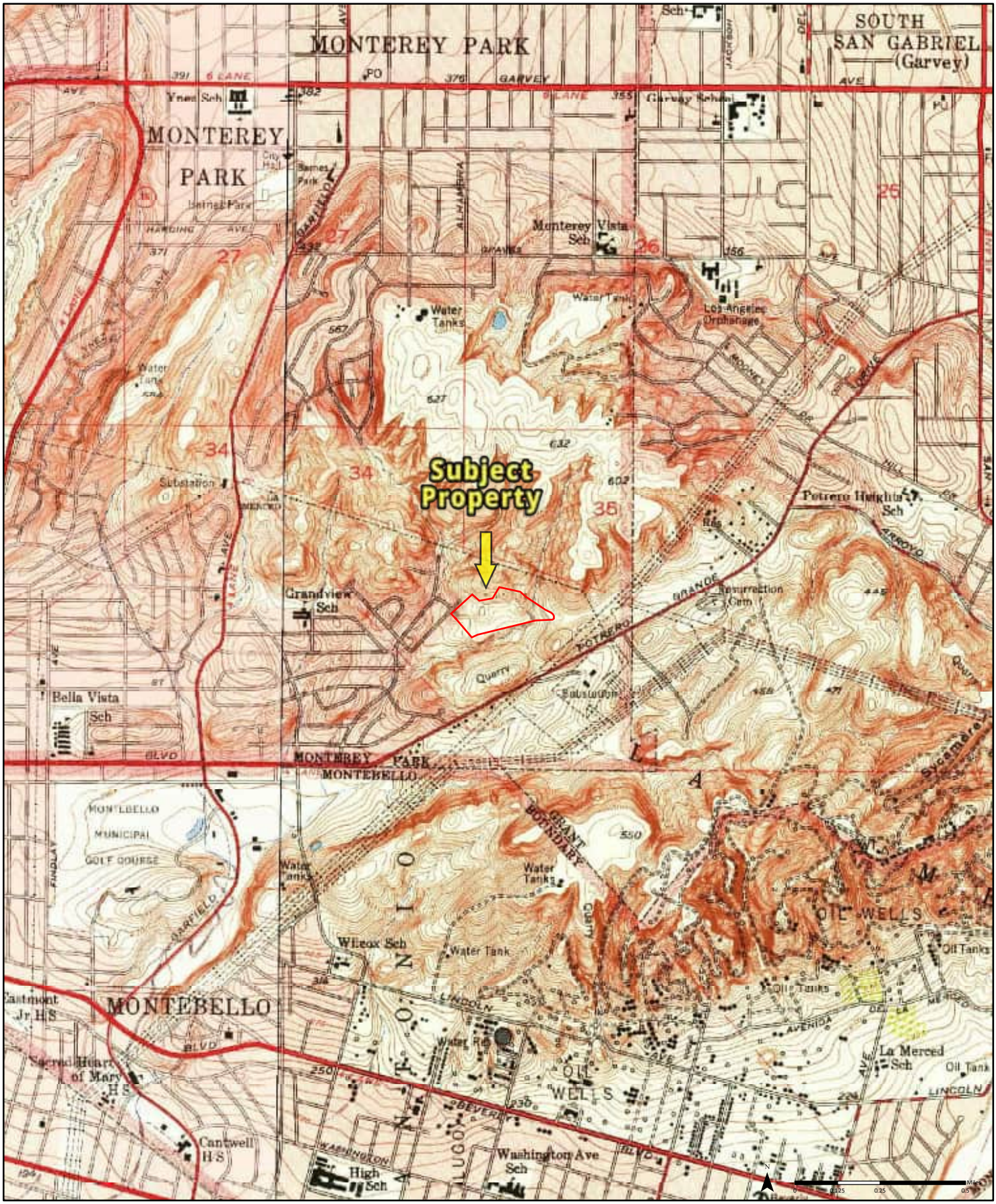
1926

Quadrangle(s): Alhambra, CA
El Monte, CA

Order No. 23031600529

Source: USGS 7.5 Minute Topographic Map

PARTNER



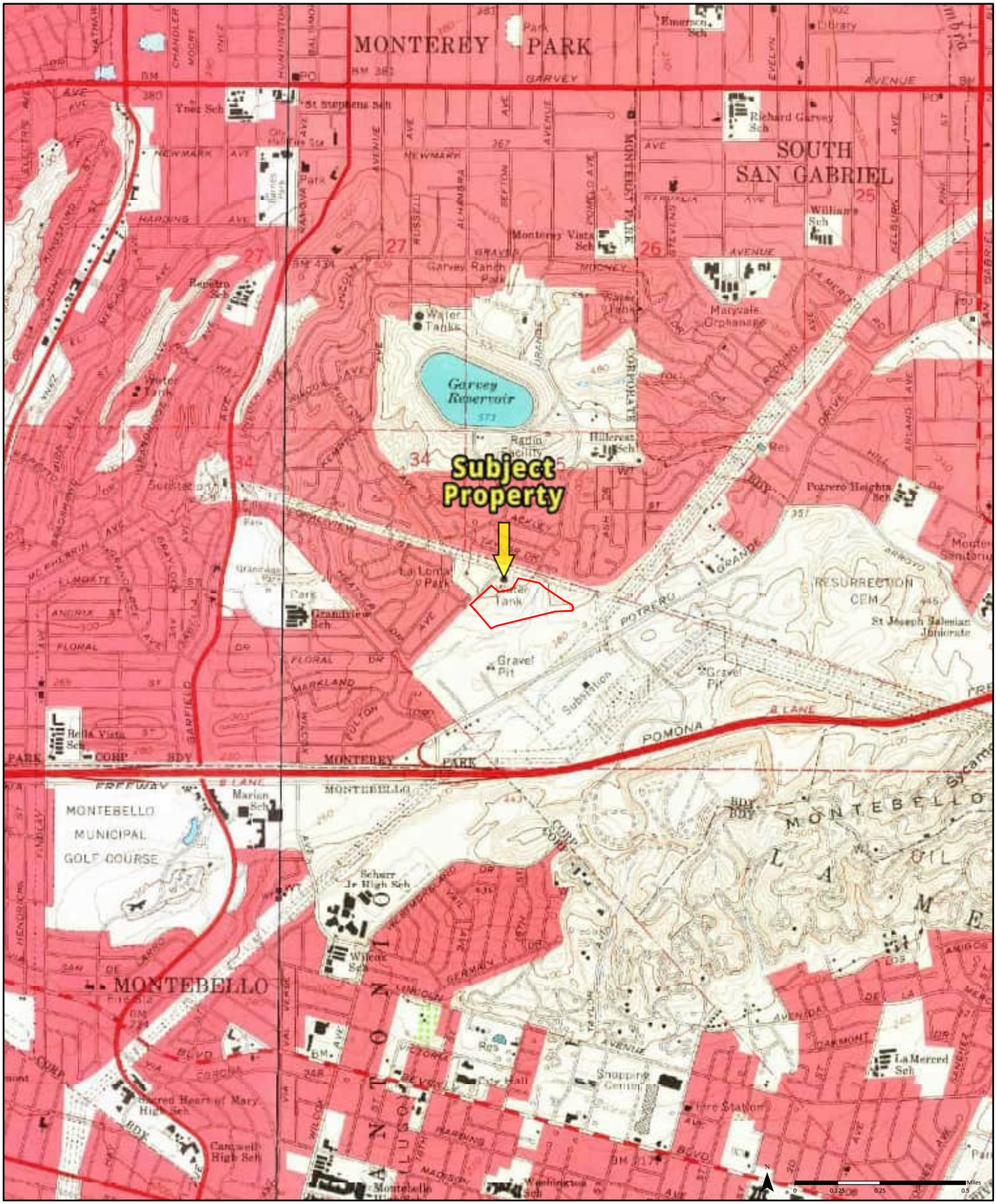
1953

Quadrangle(s): **El Monte, CA**(1-1953)
Alhambra, CA
Los Angeles, CA(2-1953)

Source: USGS 7.5 Minute Topographic Map

Order No. 23031600529

PARTNER



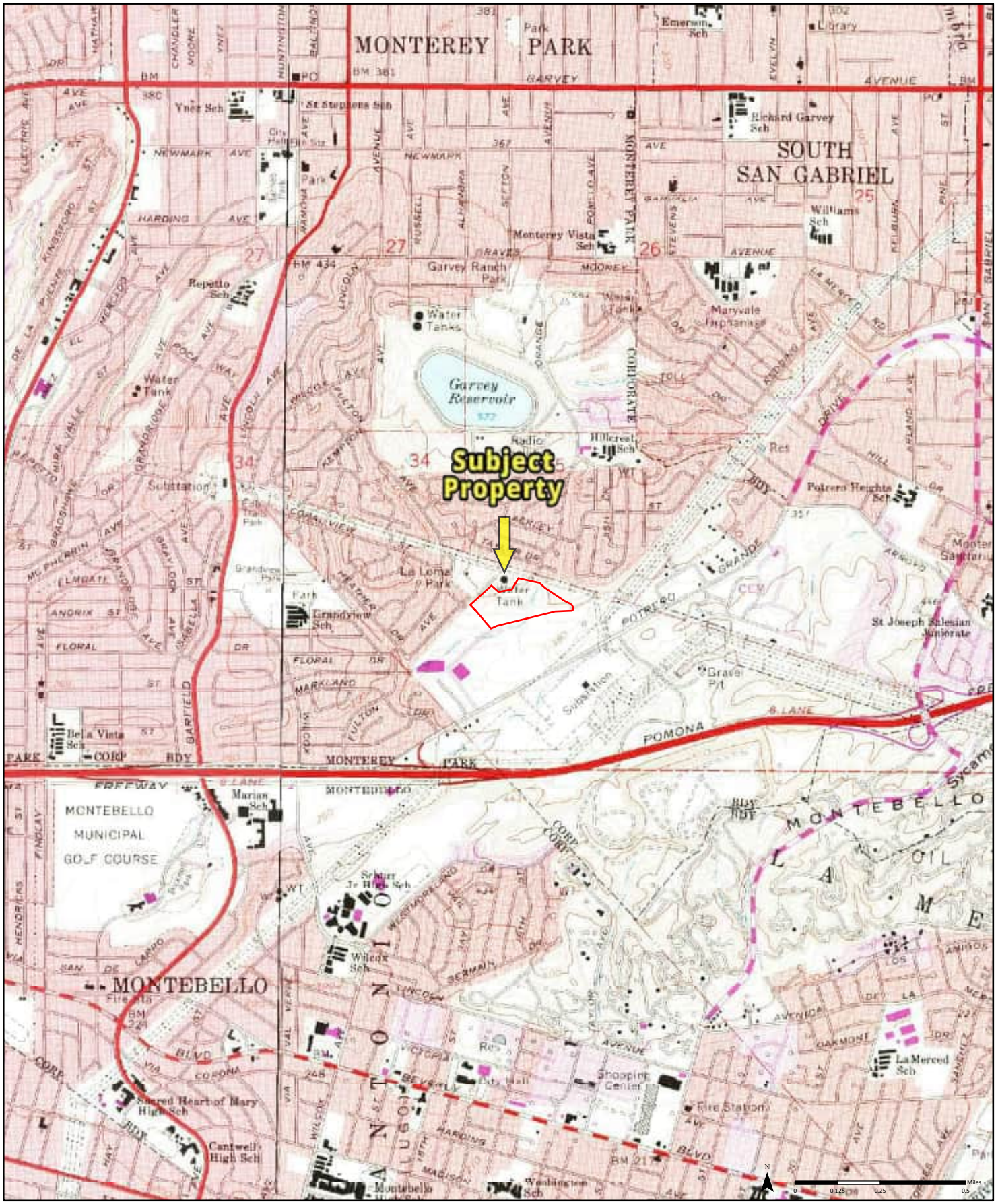
1966

Quadrangle(s): **Alhambra, CA**
El Monte, CA(2-1966)
Los Angeles, CA(1-1966)

Source: USGS 7.5 Minute Topographic Map

Order No. 23031600529

PARTNER



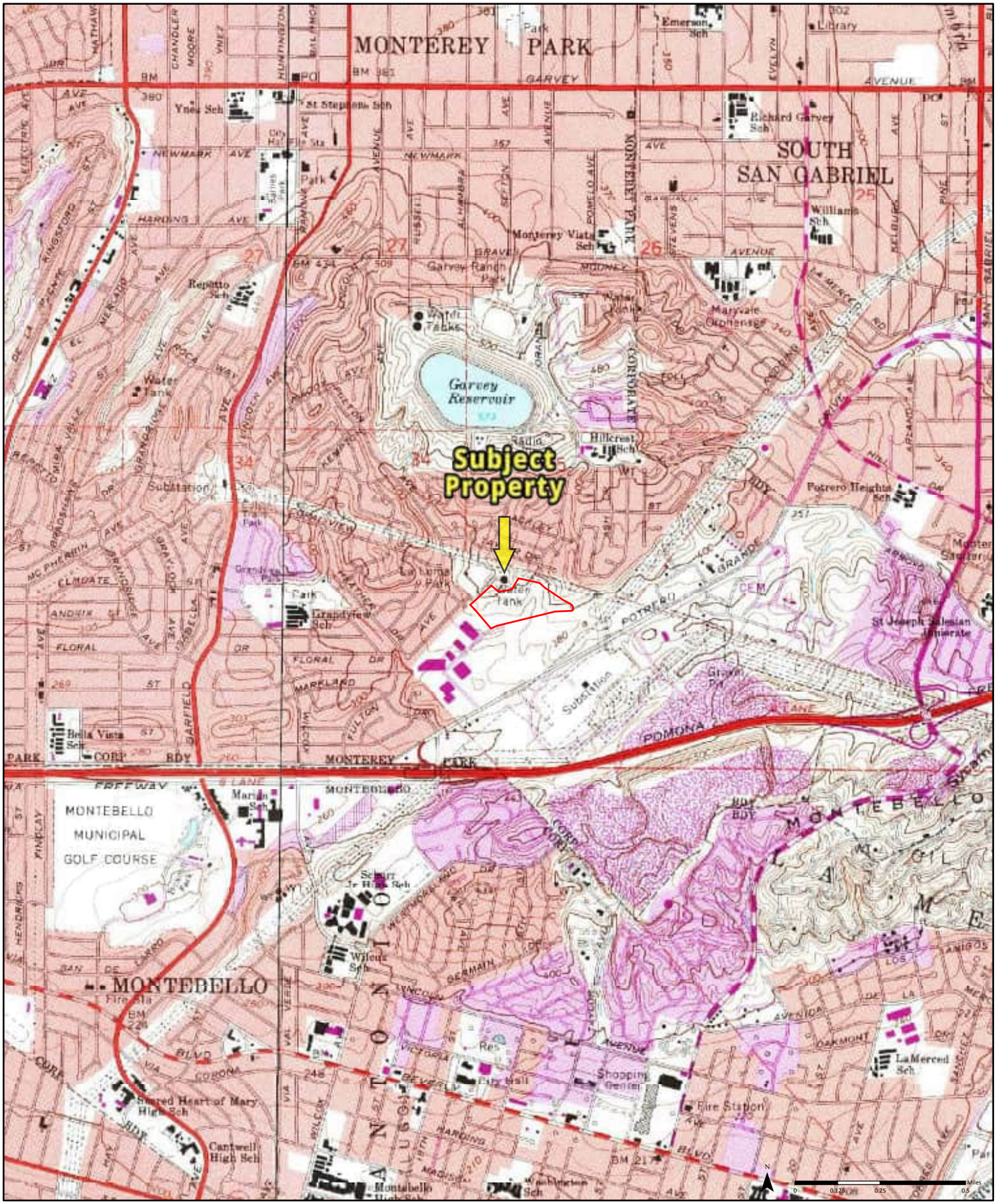
1972

Quadrangle(s): **Alhambra, CA**
El Monte, CA(1-1972)
Los Angeles, CA(2-1972)

Source: USGS 7.5 Minute Topographic Map

Order No. 23031600529

PARTNER



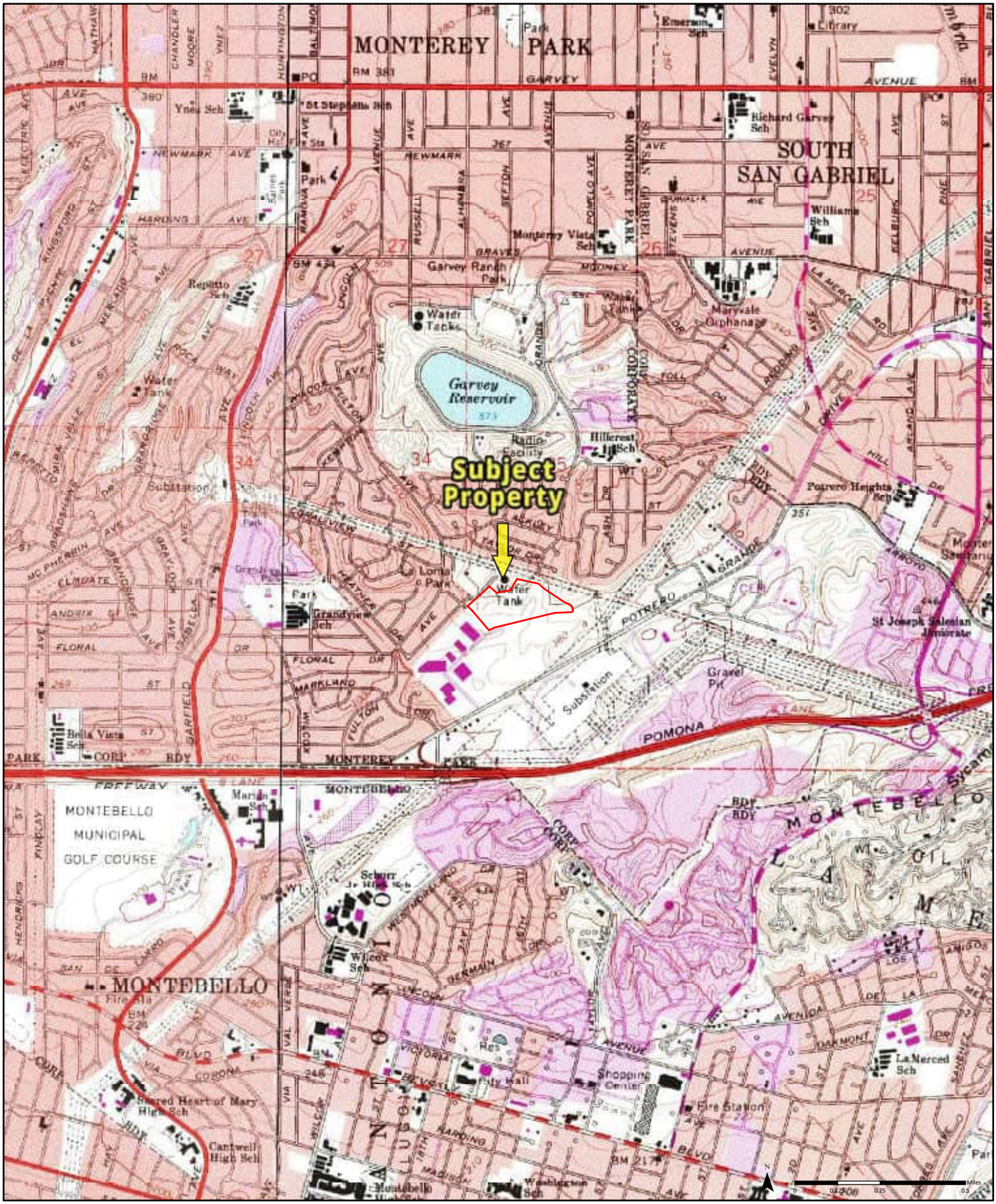
1981

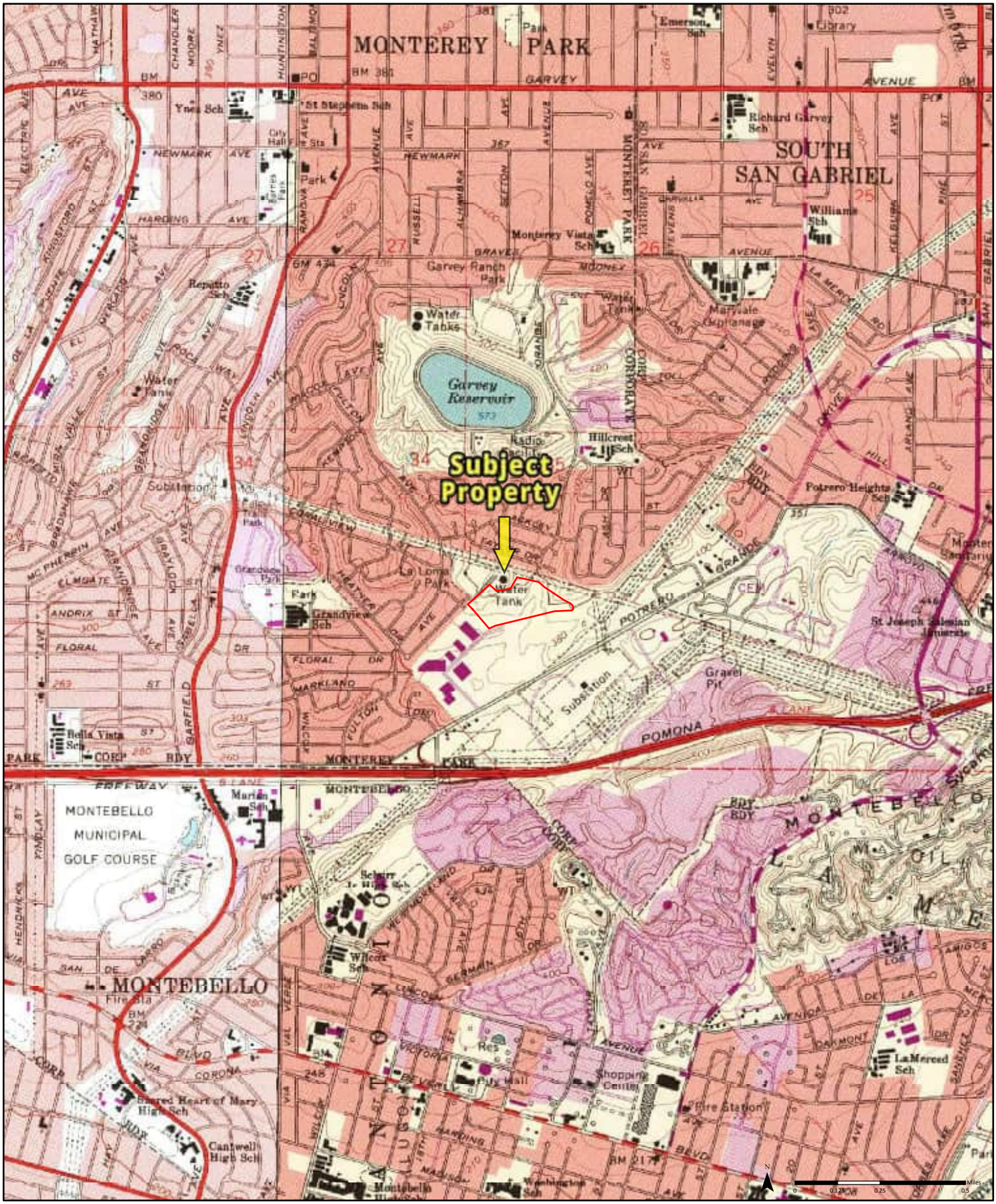
Quadrangle(s): **El Monte, CA(1-1981)**
Alhambra, CA
Los Angeles, CA(2-1981)

Source: USGS 7.5 Minute Topographic Map

Order No. 23031600529

PARTNER


MONTEREY PARK
SOUTH SAN GABRIEL
Garvey Reservoir
Subject Property
Water Tank
MONTEBELLO
MUNICIPAL
GOLF COURSE
MONTEBELLO
POMONA
Gravel Pit
Shopping Center
Fire Station
Sacred Heart of Mary High Sch
Cantwell High Sch
La Merced Sch
Marvale Orphanage
Potrero Heights Sch
St Joseph Salesian Juniorate
Hillcrest Sch
Grandview Sch
Bella Vista Sch
Garvey Ranch Park
Monterey Vista Sch
Richard Garvey Sch
Williams Sch
Repetto Sch
Ynez Sch
Loma Park
Park
Library
Emerson Sch
Subtation
Radio Facility
Water Tanks
Water Tank
Gravel Pit
Scharr Jr High Sch
Wilcox Sch
Washington Sch
Montebello
Fire Sta
City Hall
Res
Park
Subtation
Subtation
Water Tanks
Water Tank
Water Tank
Water Tank



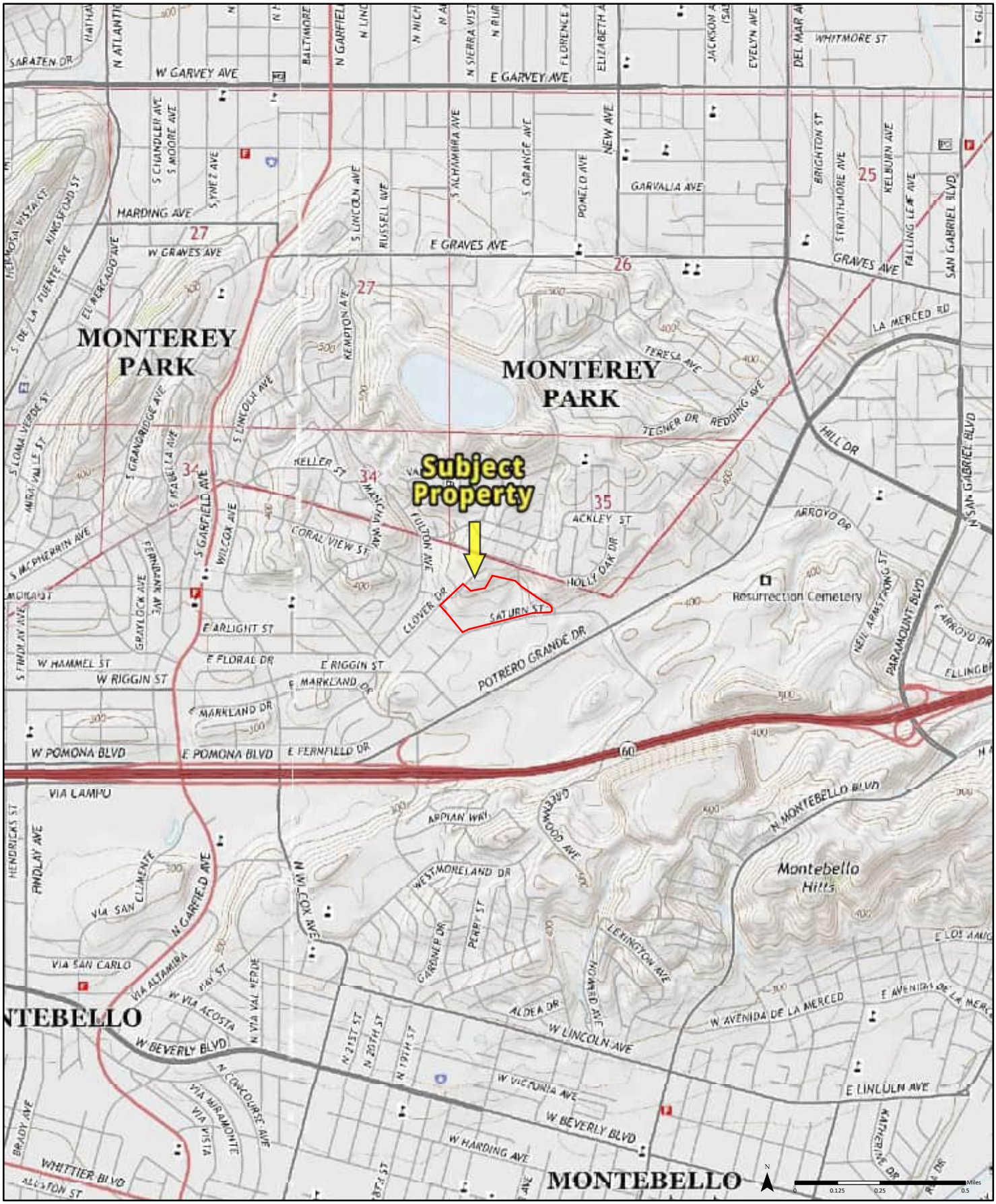
1994

Quadrangle(s): Alhambra, CA
El Monte, CA(1-1994)
Los Angeles, CA(2-1994)

Source: USGS 7.5 Minute Topographic Map

Order No. 23031600529

PARTNER



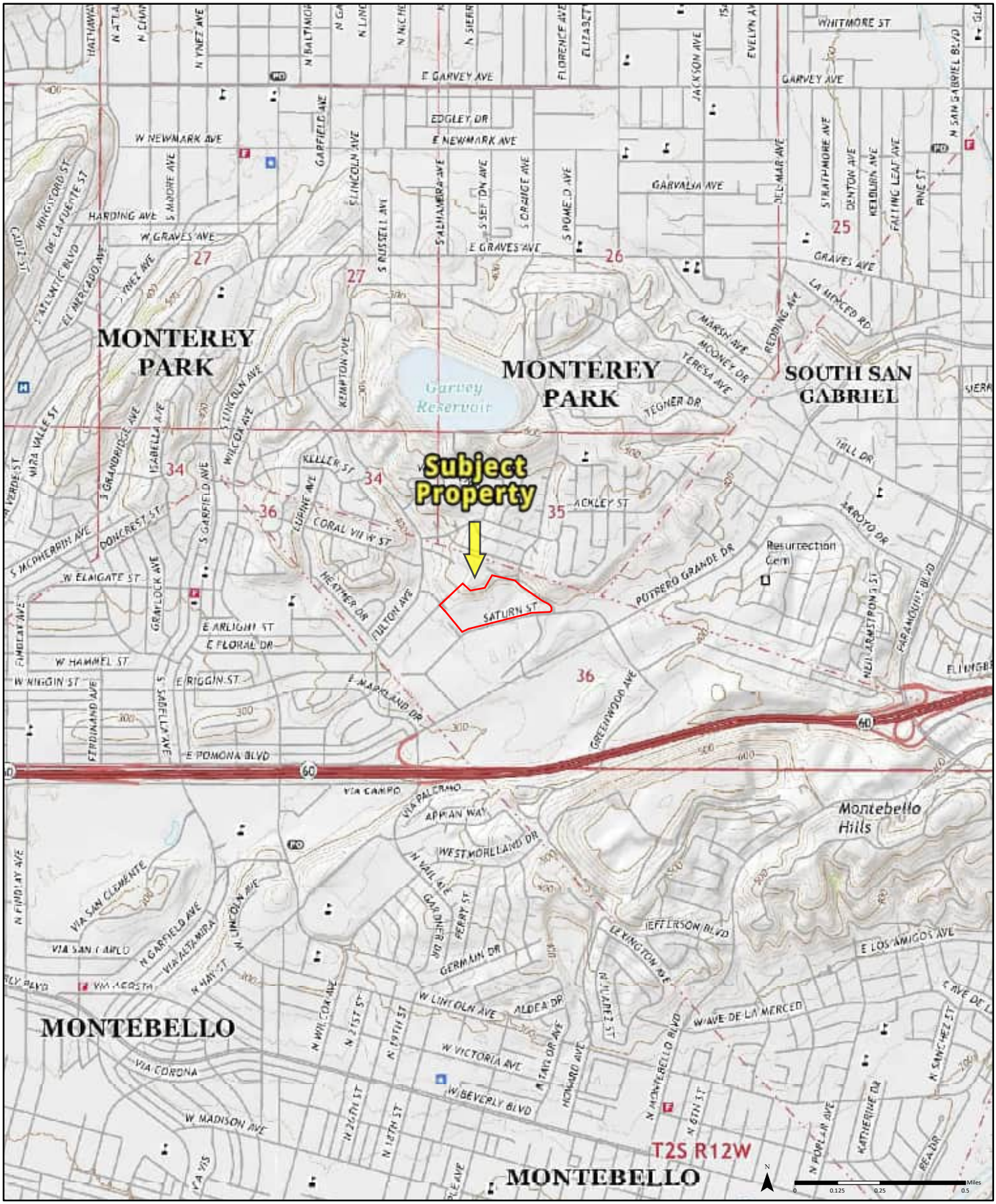
2015

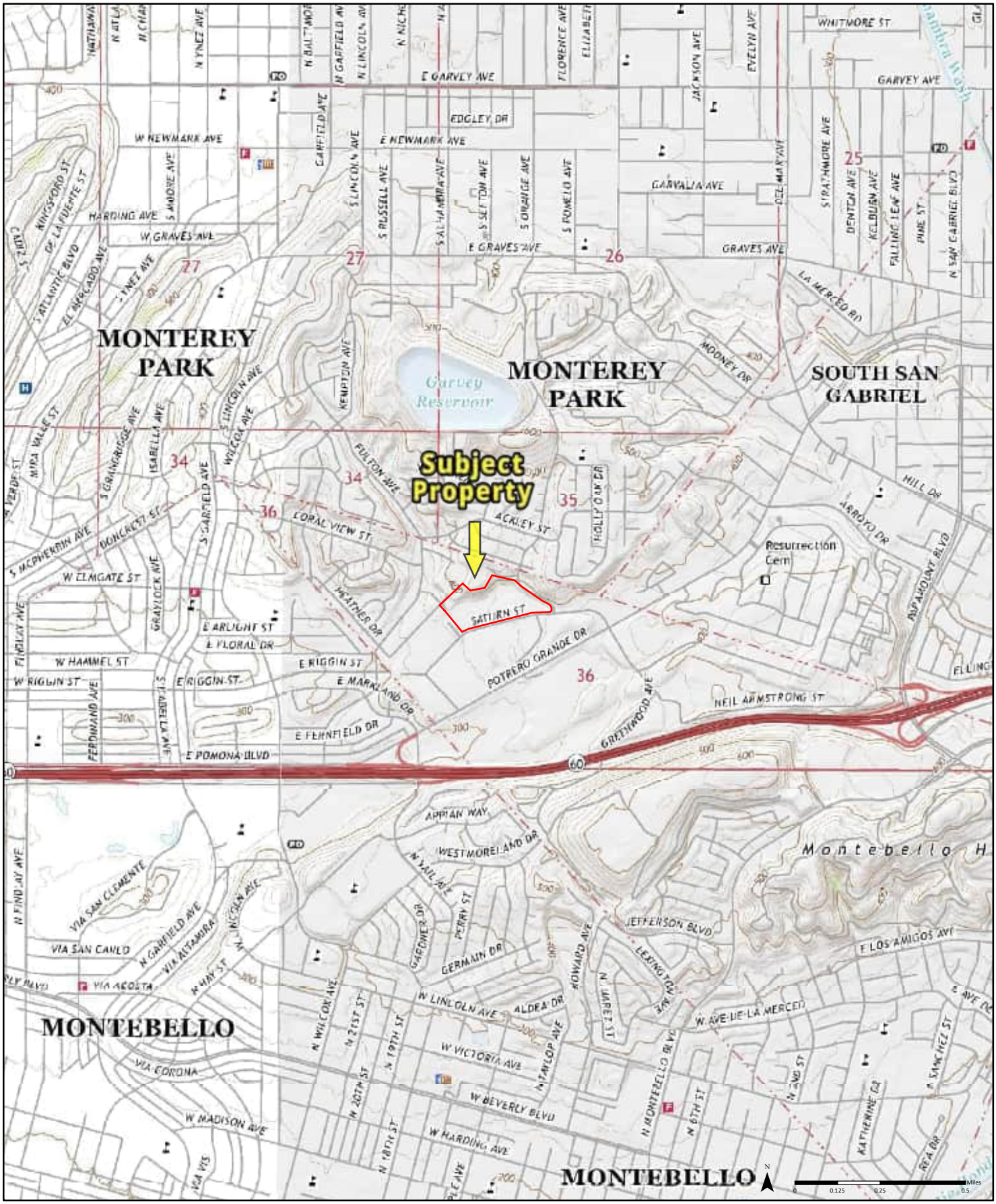
Quadrangle(s): El Monte, CA
Los Angeles, CA

Order No. 23031600529

Source: USGS 7.5 Minute Topographic Map

PARTNER


Subject Property
MONTEREY PARK
MONTEREY PARK
SOUTH SAN GABRIEL
MONTEBELLO
MONTEBELLO
Montebello Hills
Garvey Reservoir
Resurrection Cem
T2S R12W
E GARVEY AVE
W NEWMARK AVE
E NEWMARK AVE
GARVEY AVE
WHITMORE ST
EDGLEY DR
HARDING AVE
W GRAVES AVE
E GRAVES AVE
GRAVES AVE
GARVALIA AVE
LA MERCED RD
MARSH AVE
MCCONEY DR
TEGNER DR
TELL DR
ACKLEY ST
KELLER ST
CORAL VIEW ST
HEATHER DR
SATURN ST
POTRERO GRANDE DR
ARROYO DR
E ELIGATE ST
E ARLIGHT ST
E FLORAL DR
W HAMMEL ST
W RIGGIN ST
E RIGGIN ST
E MAPLELAND DR
E POMONA BLVD
VIA CAMPO
VIA PALERMO
APPIAN WAY
WESTMORELAND DR
VIA SAN CLEMENTE
VIA SAN CARLO
VIA ALTAMIRA
GERMAIN DR
JEFFERSON BLVD
E LOS AMIGOS AVE
W LINCOLN AVE
ALDEA DR
W VICTORIA AVE
W BEVERLY BLVD
W MADISON AVE
VIA CORONA
AVE DE LA MERCED
GREENWOOD AVE
PARAMOUNT BLVD
N GARFIELD AVE
N LINCOLN AVE
N ATLANTIC BLVD
S ATLANTIC BLVD
N YNEZ AVE
S YNEZ AVE
S GRANDRIDGE AVE
S GARFIELD AVE
S MCPHERRIN AVE
S WILCOX AVE
S KENTON AVE
S ORANGE AVE
S POMELO AVE
S RUSSELL AVE
S SALHAMBRA AVE
S MONTEREY RD
N MONTEBELLO BLVD
N 1ST ST
N 6TH ST
N 9TH ST
N 14TH ST
N 21ST ST
N WILCOX AVE
HOWARD AVE
ATLAS DR AVE
N POPLAR AVE
KATHERINE DR
REA DR
N SANCHEZ ST
N SAN GABRIEL BLVD
STRATHMORE AVE
DENTON AVE
KERSLURA AVE
FALLING LEAF AVE
PINE ST
DEL MAR AVE
JACKSON AVE
EVELYN AVE
ELIZABETH ST
FLORENCE AVE
N BALTIMORE
N LINCOLN
N NICHOLS
N SIERRA
N GARFIELD
N CLEVELAND
N ATLANTIC
HATHAWAY
WINSTON RD
DE LA FUENTE ST
EL MERCADO AVE
VIRA VALLE ST
N VERDE ST
ISABELLA AVE
DONCREST ST
GRAYLOCK AVE
FERDINAND AVE
FINDLAY AVE
N FINDLAY AVE
W ELIGATE ST
W RIGGIN ST
S ISABELLA AVE
S GARFIELD AVE
E FLORAL DR
E ARLIGHT ST
FULTON AVE
EUPHINE AVE
KEMPTON AVE
S LINCOLN AVE
WILCOX AVE
N VAIL AVE
GARDNER ST
PERRY ST
LEXINGTON AVE
N MONTEBELLO BLVD
N 1ST AVE
N 6TH ST
N 9TH ST
N 14TH ST
N 21ST ST
W VICTORIA AVE
W BEVERLY BLVD
W MADISON AVE
VIA CORONA
W LINCOLN AVE
ALDEA DR
HOWARD AVE
ATLAS DR AVE
W AVE DE LA MERCED
E LOS AMIGOS AVE
JEFFERSON BLVD
GERMAIN DR
W HAM ST
VIA ALTAMIRA
VIA SAN CARLO
VIA SAN CLEMENTE
N GARFIELD AVE
N LINCOLN AVE
N FINDLAY AVE
APPIAN WAY
WESTMORELAND DR
VIA PALERMO
VIA CAMPO
E POMONA BLVD
GREENWOOD AVE
PARAMOUNT BLVD
NEIL ARMSTRONG ST
ELINGER
FAIRMONT BLVD
ARROYO DR
POTRERO GRANDE DR
SATURN ST
HEATHER DR
FULTON AVE
EUPHINE AVE
CORAL VIEW ST
ACKLEY ST
TELL DR
TEGNER DR
MCCONEY DR
MARSH AVE
REDDING AVE
LA MERCED RD
GRAVES AVE
GARVALIA AVE
DEL MAR AVE
STRATHMORE AVE
DENTON AVE
KERSLURA AVE
FALLING LEAF AVE
PINE ST
N SAN GABRIEL BLVD
WHITMORE ST
GARVEY AVE
EDGLEY DR
E NEWMARK AVE
W NEWMARK AVE
HARDING AVE
W GRAVES AVE
E GRAVES AVE
GARFIELD AVE
LINCOLN AVE
S MONTEREY RD
S RUSSELL AVE
S SALHAMBRA AVE
S KENTON AVE
S ORANGE AVE
S POMELO AVE
FLORENCE AVE
ELIZABETH ST
JACKSON AVE
EVELYN AVE
N YNEZ AVE
N BALTIMORE
N LINCOLN
N NICHOLS
N SIERRA
HATHAWAY
N ATLANTIC
N CLEVELAND
WINSTON RD
DE LA FUENTE ST
EL MERCADO AVE
S ATLANTIC BLVD
S YNEZ AVE
VIRA VALLE ST
N VERDE ST
S GRANDRIDGE AVE
ISABELLA AVE
DONCREST ST
S MCPHERRIN AVE
GRAYLOCK AVE
FERDINAND AVE
FINDLAY AVE
N FINDLAY AVE
W ELIGATE ST
W RIGGIN ST
W HAMMEL ST
E FLORAL DR
E ARLIGHT ST
E RIGGIN ST
S ISABELLA AVE
S GARFIELD AVE
S WILCOX AVE
KEMPTON AVE
S LINCOLN AVE
FULTON AVE
EUPHINE AVE
HEATHER DR
SATURN ST
CORAL VIEW ST
KELLER



2022

Quadrangle(s): **El Monte, CA**
Los Angeles, CA

Order No. 23031600529

Source: USGS 7.5 Minute Topographic Map

PARTNER

We want you to know that water quality continues to be a main priority with the City of Monterey Park (City). This report provides important information about your water quality, and we encourage you to read it and to contact us with any questions you may have.

The state and federal government require that this annual water quality report be made available to every customer to ensure you are kept informed regarding the quality of your water. The City continues to meet, and in many cases exceed, all drinking water requirements. In 2021, we conducted thousands of water quality tests to ensure that your water is clean and safe to drink.

In 2021, the City tested for additional contaminants that have known health risks but are not yet regulated in drinking water by U.S. Environmental Protection Agency (USEPA) or the State Water Resources Control Board, Division of Drinking Water (DDW). Unregulated contaminant monitoring helps USEPA and DDW determine where certain contaminants occur and whether new regulations need to be established for those contaminants. Also, the Main San Gabriel Basin Watermaster tests the City's wells annually as an early warning system for several industrial contaminants that have already contaminated other parts of the Main San Gabriel Basin. The City will continue to maintain a high quality, reliable water supply; we would appreciate your support in using this valuable and precious resource wisely.

For more information or questions about this report, please contact the Water Utility Manager at 626-307-1295.

Richard Gonzales
Water Utility Manager

WHAT ARE WATER QUALITY STANDARDS?

In order to ensure that tap water is safe to drink, USEPA and the DDW prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The U.S. Food and Drug Administration regulations and California law also establish limits for contaminants in bottled water that provide the same protection for public health. Drinking water standards established by USEPA and DDW set limits for substances that may affect consumer health or aesthetic qualities of drinking water. The chart in this report shows the following types of water quality standards:

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs as is economically and technologically feasible.

Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial pathogens.

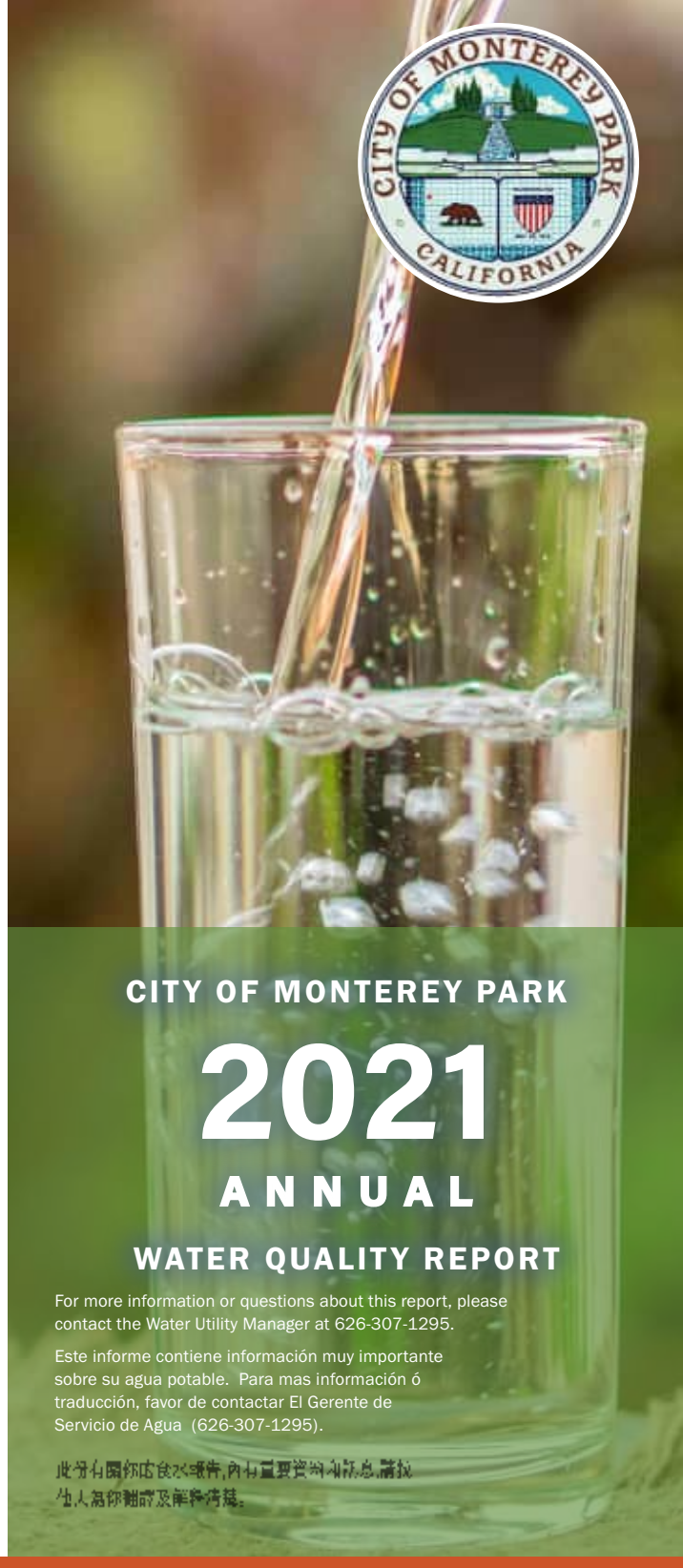
Primary Drinking Water Standard: MCLs for contaminants that affect health along with their monitoring and reporting requirements and water treatment requirements.

Regulatory Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Notification Level (NL): An advisory level which, if exceeded, requires the drinking water system to notify the governing body of the local agency in which users of the drinking water reside (i.e. city council, county board of supervisors).

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City Of Monterey Park
Public Works Water Department
320 W. Newmark Ave.
Monterey Park,Ca 91754



CITY OF MONTEREY PARK

2021 ANNUAL WATER QUALITY REPORT

For more information or questions about this report, please contact the Water Utility Manager at 626-307-1295.

Este informe contiene información muy importante sobre su agua potable. Para mas información ó traducción, favor de contactar El Gerente de Servicio de Agua (626-307-1295).

此分析報告包含飲水訊息,內容重要資訊如有疑問請找
他人為你翻譯及解釋清楚。

Where Does My Drinking Water Come From?

The City's water supply comes from production wells located in the Main San Gabriel Groundwater Basin (Main Basin). In addition, the City purchased water from San Gabriel Valley Water Company, which also pumps groundwater from the Main Basin. As a result of historical industrial discharge, groundwater in some areas of the Main Basin is contaminated. The City has worked with San Gabriel Basin Water Quality Authority to clean up groundwater contamination. Several water treatment facilities, which include an air stripper and three separate granular activated carbon units were constructed by the City to remove contaminants in the groundwater.

Are There Any Precautions the Public Should Consider?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

If present, elevated levels of lead can cause serious problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at https://www.epa.gov/lead.

Drinking Water Source Assessment

In accordance with the federal Safe Drinking Water Act, an assessment of the drinking water sources for the City was completed in December 2002. The assessment concluded that the City's sources are considered vulnerable to the following activities or facilities associated with contaminants detected in the water supply: fleet/truck/bus terminals, utility stations maintenance areas, gasoline stations, dry cleaners, known contaminant plumes, metal plating/ finishing/fabricating, plastics/ synthetics producers, chemical/petroleum processing/storage. The sources are also considered most vulnerable to the following activities or facilities not associated with contaminants detected in the water supply: leaking underground storage tanks and transportation corridors. A copy of the complete assessment is available at the City of Monterey Park Water Department at 320 West Newmark Avenue, Monterey Park, California 91754. You may request a summary of the assessment by contacting the Water Utility Manager at 626-307-1295.

San Gabriel Valley Water Company completed its groundwater source assessments in 2002 and new assessments were completed in 2005 and 2008 for new sources added to the system. Groundwater sources are considered vulnerable to discharge from industry, factories, landfills, dry cleaners, automobile repair shops, gasoline stations, high density housing, fleet truck and bus terminals, underground storage tanks, and sewer collection systems. A copy of the complete assessment is available at the City of Monterey Park Water Department at 320 West Newmark Avenue, Monterey Park, California 91754. You may request a summary of the assessment by contacting the Water Utility Manager at 626-307-1295.

What is in My Drinking Water?

Your drinking water is tested by certified professional water system operators and certified laboratories to ensure its safety. The City of Monterey Park Public Works Department routinely tests drinking water from its wells, treatment facilities, and distribution system pipes for bacterial and chemical contaminants. The chart in this report shows the average and range of concentrations of the constituents tested in your drinking water during year 2021 or from the most recent tests. The State allows the City to monitor for some contaminants less than once per year because the concentrations of these contaminants in groundwater do not change frequently. Some of our data, although representative, are more than one year old. The chart lists all the contaminants detected in your drinking water that have federal and state drinking water standards. Detected unregulated contaminants of interest are also included. We are proud to report that during 2021, the drinking water provided by the City to your home met or surpassed all federal and state drinking water standards. We remain dedicated to providing you with a reliable supply of high quality drinking water.

- NITRATE: Although nitrate in your drinking water never exceeds the MCL of 10 milligrams per liter (mg/l), nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. Nitrate in drinking water at levels above 10 mg/l is a health risk for infants of less than six months of age. Such nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen, resulting in a serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels above 10 mg/l may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women and those with certain specific enzyme deficiencies. If you are caring for an infant, or you are pregnant, you should ask for advice from your health care provider.

- ARSENIC: The following advisory is issued because in 2021 we recorded an arsenic measurement in the drinking water supply between 5 and 10 micrograms per liter (µg/l). While your drinking water meets the 10 µg/l MCL for arsenic, it does contain low levels of arsenic. The arsenic standard balances the current understanding of arsenic's possible health effects against the cost of removing arsenic from drinking water. The USEPA continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and in linked to other health effects such as skin damage and circulatory problems.

- COLIFORM BACTERIA: This Consumer Confidence Report reflects changes in drinking water regulatory requirements during 2021. These revisions add the requirements of the federal Revised Total Coliform Rule, effective since April 1, 2016, to the existing state Total Coliform Rule. The revised rule maintains the purpose to protect public health by ensuring the integrity of the drinking water distribution system and monitoring for the presence of microbials (i.e., total coliform and E. coli bacteria). The USEPA anticipates greater public health protection as the rule requires water systems that are vulnerable to microbial contamination to identify and fix problems. Water systems that exceed a specified frequency of total coliform occurrences are required to conduct an assessment to determine if any sanitary defects exist. If found, these must be corrected by the water system. The state Revised Total Coliform Rule became effective July 1, 2021. because in 2021 we recorded an arsenic measurement in the drinking water supply between 5

- 1,4-DIOXANE: 1,4-Dioxane is a chemical primarily used as an industrial stabilizer to enhance performance of solvents in many manufacturing processes. It is found in food (shrimp, chicken, tomatoes, etc.), food additives, and ordinary household products (cosmetics, deodorants, and shampoos). The USEPA has classified 1,4-dioxane as a probable human carcinogen. There is no federal or state MCL for 1,4-dioxane in drinking water; however, DDW established a Notification Level (NL) and a reporting limit in 1998 of 3 µg/l. A Notification Level is a health-based advisory level established by DDW for chemicals in drinking water that lack MCLs. The City has been required to test several of its wells and treated water for 1,4-Dioxane since 2004 and has never exceeded the initial NL of 3 µg/l. In 2010, DDW revised the 1,4-dioxane NL and reporting limit lower to 1 µg/l resulting in detections in some City wells that exceeded the new 1 µg/l NL. In 2021, 1,4-dioxane levels in City wells ranged from non-detect to 1.2 µg/l. We believe the 1,4-dioxane found in these wells originated from discharge from industrial sources. The City's 1,4-dioxane level are below the DDW's response level, the level at which removal of the source from service, is now 35 µg/l.

How Can You Participate In Water Decisions?

Regularly scheduled meetings of the City Council are held on the first and third Wednesday of each month at 7:00 PM at 320 West Newmark Avenue, Monterey Park. These meetings provide an opportunity for public participation in decisions that may affect the quality of your water.



CITY OF MONTEREY PARK 2021 WATER QUALITY

CONSTITUENT AND (UNITS)	MCL or [MRDL]	PHG or (MCLG) [MRDLG]	DLR	City of Monterey Park Groundwater			SGVWC Groundwater (a)			TYPICAL ORIGINS
				Results (b)	Range (Min-Max)	Most Recent Sampling	Results (b)	Range (Min-Max)	Most Recent Sampling	
PRIMARY DRINKING WATER STANDARDS--Health-Related Standards										
MICROBIOLOGICAL										
Total Coliform (c)	During any given month, no more than 5.0% of total samples collected can be total coliform-positive.	(0)	n/a	During May 2019, 2 of 78 monthly samples (2.6% of total samples collected) were total coliform-positive.	--	Weekly	--	--	--	Naturally present in the environment
MICROBIOLOGICAL (July-December 2021)										
E. coli	(d)	0	n/a	0 (highest number of detentions)	--	Weekly	--	--	--	Human and animal fecal waste
DISINFECTANT AND DISINFECTION PRODUCTS (d)										
Chlorine Residual (mg/l)	[4]	[4]	n/a	0.69	0.23 - 1.2	Weekly	--	--	--	Drinking water disinfectant added for treatment
Haloacetic Acids (HAA5) (µg/l)	60	n/a	1-2	2.9	1.2 - 3.1	Quarterly	--	--	--	Byproduct of drinking water disinfection
Total Trihalomethanes (TTHMs) (µg/l)	80	n/a	1	15	2.1 - 15	Quarterly	--	--	--	Byproduct of drinking water disinfection
ORGANIC CHEMICALS										
Tetrachloroethylene (µg/l)	5	0.06	0.5	<0.5	ND - 0.53	Weekly	ND	ND	2021	Discharge from industrial sources
INORGANIC CHEMICALS										
Arsenic (µg/l) (e)	10	0.004	2	<2.0	ND - 5.8	Weekly	<2	ND - 2.9	2021	Erosion of natural deposits
Copper (mg/l) (g)	AL = 1.3	0.3	0.05	0.13	--	2021	--	--	--	Internal corrosion of household plumbing system
Fluoride (mg/l)	2	1	0.1	0.64	0.41 - 0.97	2021	0.54	0.4 - 0.78	2021	Erosion of natural deposits
Lead (µg/l) (g)	AL = 15	0.2	5	ND	--	2021	--	--	--	Internal corrosion of household plumbing system
Nitrate as N (mg/l) (h)	10	10	0.4	4	1.4 - 6.4	Weekly	2.7	ND - 5.2	2021	Runoff and leaching from fertilizer use
RADIOACTIVITY										
Gross Alpha Activity (pCi/l)	15	(0)	3	4.5	ND - 11	2021	4.4	ND - 10	2019	Erosion of natural deposits
Combined Radium (pCi/l)	5	0	1	<1	ND - 1.2	2021	ND	ND	2016	
Uranium (pCi/l)	20	0.43	1	4.2	ND - 13	2021	6.9	1.9 - 10	2019	
SECONDARY DRINKING WATER STANDARDS--Aesthetic Standards, Not Health-Related										
Chloride (mg/l)	500	n/a	n/a	27	11 - 48	2021	19	3.8 - 34	2021	Runoff/leaching from natural deposits
Manganese (µg/l)	50	n/a	20	<20	ND - 39	2021	ND	ND	2021	Runoff/leaching from natural deposits
Odor (threshold odor number)	3	n/a	1	1	ND - 2	2021	1	1	2021	Naturally-occurring organic materials
Specific Conductance (µmho/cm)	1,600	n/a	n/a	580	310 - 950	2021	530	320 - 690	2021	Substances that form ions in water
Sulfate (mg/l) (h)	500	n/a	0.5	70	32 - 160	Weekly	62	19 - 110	2021	Runoff/leaching from natural deposits
Total Dissolved Solids (mg/l)	1,000	n/a	n/a	370	170 - 660	2021	330	190 - 470	2021	Runoff/leaching from natural deposits
Turbidity (NTU)	5	n/a	0.1	0.22	ND - 0.55	2021	<0.1	ND - 0.15	2021	Runoff/leaching from natural deposits
OTHER CONSTITUENTS OF INTEREST										
Alkalinity, total (mg/l as CaCO3)	n/a	n/a	n/a	150	77 - 220	2021	190	140 - 220	2021	Runoff/leaching from natural deposits
Boron (mg/l)	NL = 1	n/a	0.1	0.1	ND - 0.16	2018	--	--	--	Runoff/leaching from natural deposits
Calcium (mg/l)	n/a	n/a	n/a	56	11 - 97	2021	61	28 - 86	2021	Runoff/leaching from natural deposits
1,4-Dioxane (µg/l)	NL = 1	n/a	1	<1	ND - 1.2	2021	--	--	--	Discharge from industrial sources
Hardness as CaCO3 (mg/l)	n/a	n/a	n/a	210	31 - 380	2021	220	83 - 320	2021	Runoff/leaching from natural deposits
Hardness as grains per gallon	n/a	n/a	n/a	12	2 - 22	2021	13	4.8 - 19	2021	Runoff/leaching from natural deposits
Magnesium (mg/l)	n/a	n/a	n/a	17	0.84 - 33	2021	16	3.1 - 26	2021	Runoff/leaching from natural deposits
Perfluorooctanoic Acid (ng/l)	NL = 5.1	n/a	n/a	<4	ND - 8.5	2021	--	--	--	Discharge from industrial sources
Perfluorohexane Sulfonic Acid (ng/l)	n/a	n/a	n/a	<4	ND - 4.4	2021	--	--	--	Discharge from industrial sources
Perfluorooctane Sulfonic Acid (ng/l)	NL = 6.5	n/a	n/a	<4	ND - 8.8	2021	--	--	--	Discharge from industrial sources
pH (pH units)	n/a	n/a	n/a	7.6	7.2 - 8.5	2019	7.8	7.4 - 8.1	2021	Hydrogen ion concentration
Sodium (mg/l)	n/a	n/a	n/a	41	28 - 64	2021	26	21 - 37	2021	Runoff/leaching from natural deposits
UNREGULATED CHEMICALS REQUIRING MONITORING										
Bromide (µg/l)	n/a	n/a	n/a	120	33 - 190	2019	--	--	--	Discharge from industrial sources
Manganese (µg/l) (i)	SMCL = 50	n/a	n/a	0.62	ND - 1.7	2019	--	--	--	Runoff/leaching from natural deposits
Total Organic Carbon (mg/l)	n/a	n/a	n/a	<1	ND - 1.4	2019	--	--	--	Various natural and man-made sources
UNREGULATED CHEMICALS REQUIRING MONITORING IN THE DISTRIBUTION SYSTEM										
Haloacetic acids (HAA5) (µg/l)	n/a	n/a	n/a	0.67	0.35 - 1.1	2019	--	--	--	By-products of drinking water disinfection
Haloacetic acids (HAA6Br) (µg/l)	n/a	n/a	n/a	0.88	0.35 - 1.7	2019	--	--	--	By-products of drinking water disinfection
Haloacetic acids (HAA9) (µg/l)	n/a	n/a	n/a	0.88	0.35 - 1.7	2019	--	--	--	By-products of drinking water disinfection

NOTES

(a) Water quality data provided by San Gabriel Valley Water Company (SGVWC).

(b) The results reported in the table are average concentrations of the constituents detected in your drinking water during 2019 or from the most recent tests, except for TTHMs, HAA5, Chlorine Residual, Lead, and Copper which are described below.

(c) Samples were collected in the distribution system. The result is the highest percentage of positive samples collected in a month during 2019. During February 2019 and May 2019, 75 total samples and 78 total samples, respectively, were collected each month for total coliform analysis:

(i) In February 2019, one sample tested positive for total coliform, which was 1.3% of the total samples collected during the month; however, all follow-up confirmation samples were negative for Total Coliforms and Fecal/E. coli bacteria.

(ii) In May 2019, two samples (one routine and one confirmation) tested positive for total coliform, which was 2.6% of the total samples collected during the month. One of three initial follow-up confirmation samples was positive for Total Coliforms but were negaive for Fecal/E. coli bacteria in all three confirmation samples. All subsequent follow-up confirmation samples were negative for Total Coliforms and Fecal/E. coli bacteria.

(d) Samples were collected in the distribution system. The running annual average is reported as "Results" while the maximum and minimum of the individual results are reported as "Range."

(e) The City of Monterey Park tests the Delta Plant drinking water weekly to comply with the State Water Resources Control Board, Division of Drinking Water approved blending plan for Arsenic.

(f) Concentrations are measured at the tap. The 90th percentile concentration is reported in the table. Out of 37 distribution system locations sampled, copper was detected in 27 samples, none of which exceeded the AL for copper; out of 37 distribution system locations sampled, lead was not detected in any sample. The samples were collected in 2018. During 2019, three schools submitted a request to be sampled for lead.

(g) The City of Monterey Park tests nitrate weekly at all three treatment plants.

(h) The City of Monterey Park tests sulfate weekly at the Well 5 Treatment Plant and the Wells 9, 12, and 15 Treatment Plant.

(i) Manganese was included as part of the unregulated chemicals requiring monitoring.

AL: Action Level

DLR: Detection Limit for Purposes of Reporting

MCL: Maximum Contaminant Level

MCLG: Maximum Contaminant Level Goal

µg/l: parts per billion or micrograms per liter

mg/l: parts per million or milligrams per liter

ng/l: parts per trillion or nanograms per liter

µmho/cm: micromhos per centimeter

MRDL: Maximum Residual Disinfectant Level

MRDLG: Maximum Residual Disinfectant Level Goal

n/a: No Applicable Limit

ND: Not Detected at DLR

NL: Notification Level

NTU: Nephelometric Turbidity Units

pCi/l: picoCuries per liter

PHG: Public Health Goal

SMCL: Secondary MCL

"<": Detected but the average is less than the indicated DLR

WHAT IS A WATER QUALITY GOAL?

In addition to mandatory water quality standards, USEPA and DDW have set voluntary water quality goals for some contaminants. Water quality goals are often set at such low levels that they are not achievable in practice and are not directly measurable. Nevertheless, these goals provide useful guideposts and direction for water management practices. The chart in this report includes three types of water quality goals:

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by USEPA.

Public Health Goal (PHG): The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a disinfectant added for water treatment below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

WHAT CONTAMINANTS MAY BE PRESENT IN SOURCES OF DRINKING WATER?

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include:

Microbial contaminants, such as viruses and bacteria that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

Inorganic contaminants, such as salts and metals, that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.

Pesticides and herbicides that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.

Radioactive contaminants that can be naturally-occurring or be the result of oil and gas production and mining activities.

Organic chemical contaminants, including synthetic and volatile organic chemicals that are byproducts of industrial processes and petroleum production, and can also come from gasoline stations, urban stormwater runoff, agricultural application and septic systems.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

WHAT IS IN MY DRINKING WATER?

Your drinking water is tested by certified professional water system operators and certified laboratories to ensure its safety. The City of Monterey Park Public Works Department routinely tests drinking water from its wells, treatment facilities, and distribution system pipes for bacterial and chemical contaminants. The chart in this report shows the average and range of concentrations of the constituents tested in your drinking water during year 2020 or from the most recent tests. The State allows the City to monitor for some contaminants less than once per year because the concentrations of these contaminants in groundwater do not change frequently. Some of our data, although representative, are more than one year old. The chart lists all the contaminants detected in your drinking water that have federal and state drinking water standards. Detected unregulated contaminants of interest are also included. We are proud to report that during 2020, the drinking water provided by the City to your home met or surpassed all federal and state drinking water standards. We remain dedicated to providing you with a reliable supply of high quality drinking water.

NITRATE

Although nitrate in your drinking water never exceeds the MCL of 10 milligrams per liter (mg/l), nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. Nitrate in drinking water at levels above 10 mg/l is a health risk for infants of less than six months of age. Such nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen, resulting in a serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels above 10 mg/l may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women and those with certain specific enzyme deficiencies. If you are caring for an infant, or you are pregnant, you should ask for advice from your health care provider.

COLIFORM BACTERIA

This Consumer Confidence Report reflects changes in drinking water regulatory requirements during 2016. All water systems are required to comply with the state Total Coliform Rule. Effective April 1, 2016, all water systems are also required to comply with the federal Revised Total Coliform Rule. The new federal rule maintains the purpose to protect public health by ensuring the integrity of the drinking water distribution system and monitoring for the presence of microbials (i.e., total coliform and E. coli bacteria). The USEPA anticipates greater public health protection as the new rule requires water systems that are vulnerable to microbial contamination to identify and fix problems. Water systems that exceed a specified frequency of total coliform occurrences are required to conduct an assessment to determine if any sanitary defects exist. If found, these must be corrected by the water system.

1,4-DIOXANE

1,4-Dioxane is a chemical primarily used as an industrial stabilizer to enhance performance of solvents in many manufacturing processes. It is found in food (shrimp, chicken, tomatoes, etc.), food additives, and ordinary household products (cosmetics, deodorants, and shampoos). The USEPA has classified 1,4-dioxane as a probable human carcinogen. There is no federal or state MCL for 1,4-dioxane in drinking water; however, DDW established a Notification Level (NL) and a reporting limit in 1998 of 3 µg/l. A Notification Level is a health-based advisory level established by DDW for chemicals in drinking water that lack MCLs. The City has been required to test several of its wells and treated water for 1,4-Dioxane since 2004 and has never exceeded the initial NL of 3 µg/l. In 2010, DDW revised the 1,4-dioxane NL and reporting limit lower to 1 µg/l resulting in detections in some City wells that exceeded the new 1 µg/l NL. In 2020, 1,4-dioxane levels in City wells ranged from non-detect to 1.3 µg/l. We believe the 1,4-dioxane found in these wells originated from discharge from industrial sources. The City's 1,4-dioxane level are below the DDW's response level, the level at which removal of the source from service, is now 35 µg/l.

Our water system failed to monitor as required for drinking water standards during the past year. Therefore, it violated the regulations. Even though this failure was not an emergency, as our customers, you have a right to know what and when this happened and what we did to correct this situation and ensure it will not occur. Below is a table to explain this.

The City of Monterey Park samples for perchlorate throughout our treatment system every week. Although sampling was missed in the treatment process, rest assured that The City did achieve a negative detection sample for perchlorate at our last sample point (SP-6), which is the final sample point before the finishing potable water enters our distribution system and is delivered to our customers. Perchlorate samples tested at SP-6 in all cases met water quality compliance during the weeks of March 2021, December 2021, and January 2021. These levels of perchlorate have continued to meet and exceed the health standards required for regulatory water quality compliance.

VIOLATION	EXPLANATION	DURATION	ACTIONS TAKEN TO CORRECT VIOLATION	HEALTH EFFECTS LANGUAGE
Permit Provision March 2021 December 2021 January 2022	Failed to collect from the treated water of the City's Delta GAC treatment facility sample point SP-5 for perchlorate	March 2021 30 Days December 2021 January 2022 60 Days	Staff has successfully completed a training course and an extensive review of our Chain of Custody documents to ensure that this problem does not occur again. The City has also met with its laboratory provider to ensure they are in possession of the most current COCs. Increased perchlorate sampling from monthly to weekly for redundancy.	Perchlorate's interference with iodide uptake by the thyroid gland can decrease production of thyroid hormone, which in needed for prenatal and postnatal growth and development, as well as for normal metabolism and mental function in the adult.

CITY OF MONTEREY PARK

320 West Newmark Avenue • Monterey Park • California 91754-2896

www.montereypark.ca.gov

City Council
Peter Chan
Hans Liang
Henry Lo
Yvonne Yiu

City Clerk
Vincent D. Chang

City Treasurer
Joseph Leon

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene informacion muy importante sabre su agua potable.
Traduzcalo o hable con alguien que lo entienda bien.

MONITORING REQUIREMENTS NOT MET FOR THE CITY OF MONTEREY PARK

Our water system failed to monitor as required for drinking water standards during the past year and, therefore, was in violation of the regulations. Even though this failure was not an emergency, as our customers, you have a right to know what you should do, what happened, and what we did to correct this situation.

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During the months of **March 2021, December 2021, and January 2022,** we failed to collect from the treated water of the City's Delta GAC treatment facility sample point SP-5 for perchlorate and therefore, cannot be sure of the quality of our drinking water during that time.

What should I do?

- There is nothing you need to do at this time.
- The table below lists the contaminant(s) we did not properly test for during the last year, how many samples we are required to take and how often, how many samples we took, and the date when samples should have been taken.
- If you have health issues concerning the consumption of this water, you may wish to consult your doctor.

CONTAMINANT	REQUIRED SAMPLING FREQUENCY	NUMBER OF SAMPLES TAKEN	WHEN ALL SAMPLES SHOULD HAVE BEEN TAKEN
Perchlorate	Weekly	Three of four	January 2022
	Weekly	Three of four	December 2021
	Weekly	Four of five	March 2021

The perchlorate samples were absent on the chain of custody causing the samples to be missed at (SP-5) during the 1st week of perchlorate weekly monitoring of March 2021, December 2021, and January 2022. The sample point (SP-5) is midway through our completed treatment process.

We have since corrected this issue internally and are in compliance.

A. Of the 208 perchlorate samples taken in 2021, two missed samples is an equivalent of less than one percent.

B. Of the 208 perchlorate sample scheduled to be taken in 2022, the one missed represents less than ½% of the total samples.

Each and every week the City of Monterey Park (City) samples for perchlorate immediately before entering the population served at sample point (SP-6). These levels of perchlorate have continued to meet and exceed health standards required for regulatory water quality compliance. In fact, perchlorate samples tested at SP-6 in all cases met water quality compliance during the weeks of March 2021, December 2021, and January 2022.

Staff has undergone an extensive review of its Chain of Custody (COC) documentation to ensure that this problem does not occur again. The City has also met with its laboratory provider to ensure they are in possession of the most current COCs.

For more information, please contact Richard Gonzales at 626-307-1295 or 2657 Delta Avenue, Rosemead, California, 91770.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by the **City of Monterey Park**

State Water System ID#: **1910092**

Population Served: **62,183**

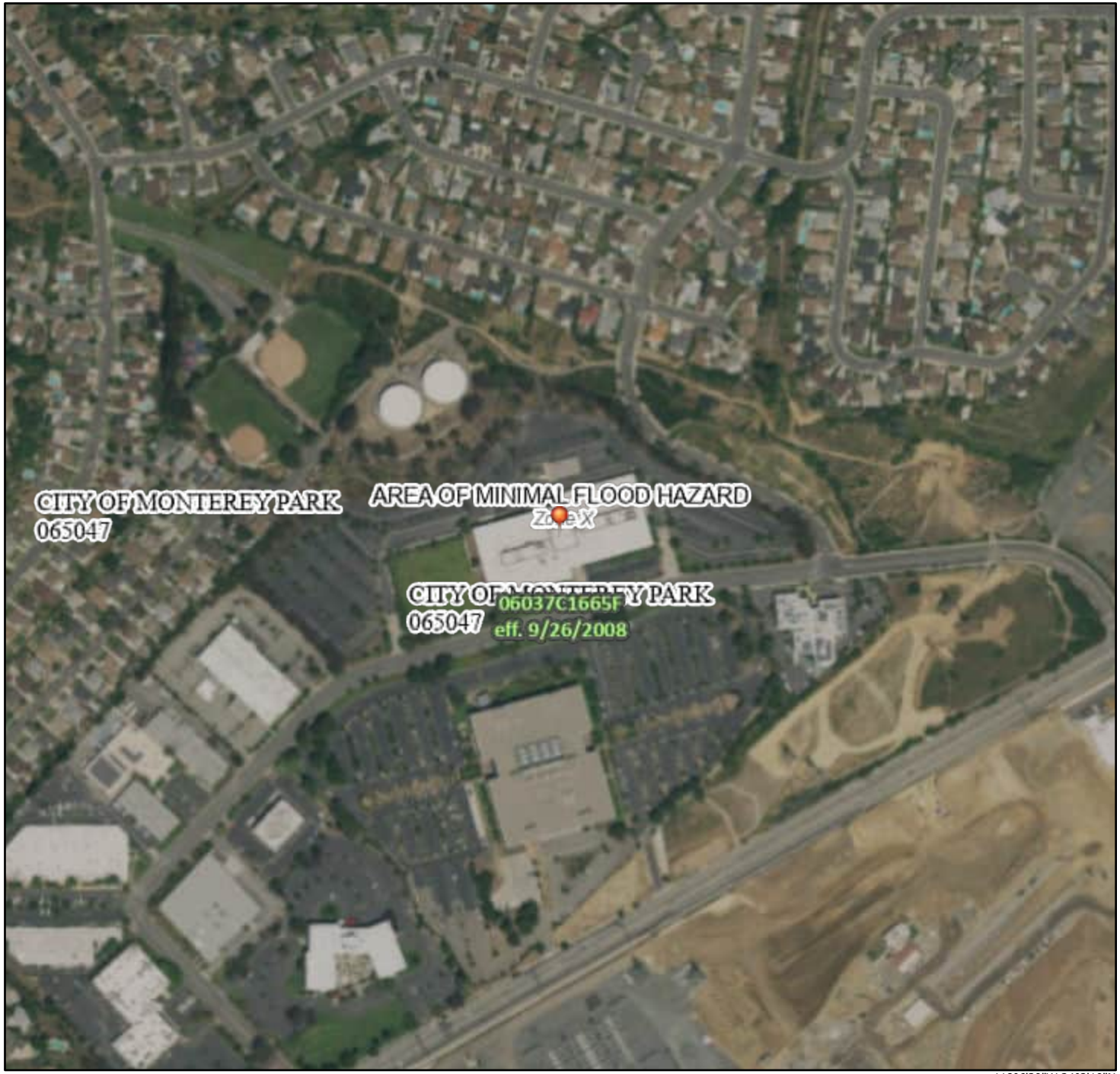
Date distributed: **6/30/2022**

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National Flood Hazard Layer FIRMette

FEMA

118°7'8"W 34°2'40"N



118°6'30"W 34°2'10"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/17/2023 at 6:54 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

U.S. Fish and Wildlife Service
National Wetlands Inventory

1977 Saturn Street



March 17, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

United States Department of Agriculture

NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Los Angeles County, California, Southeastern Part



March 17, 2023

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report
Soil Map



Map Scale: 1:4,550 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 50 100 200 300

Feet: 0 200 400 800 1200

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 11N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Los Angeles County, California, Southeastern Part
Survey Area Data: Version 9, Sep 1, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 14, 2022—Apr 23, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background

MAP LEGEND

MAP INFORMATION

imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
1210	Urban land-Montebello-Xerorthents complex, 0 to 15 percent slopes, terraced	53.2	53.2%
1232	Counterfeit-Urban land complex, 10 to 35 percent slopes, terraced	46.9	46.8%
Totals for Area of Interest		**100.0**	**100.0%**

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The

delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Los Angeles County, California, Southeastern Part

1210—Urban land-Montebello-Xerorthents complex, 0 to 15 percent slopes, terraced

Map Unit Setting

National map unit symbol: 2qdsh
Elevation: 200 to 2,040 feet
Mean annual precipitation: 15 to 26 inches
Mean annual air temperature: 63 to 66 degrees F
Frost-free period: 300 to 365 days
Farmland classification: Not prime farmland

Map Unit Composition

Urban land: 40 percent
Montebello and similar soils: 25 percent
Xerorthents, coarse fill, and similar soils: 20 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Urban Land

Setting

Landform: Fan remnants

Properties and qualities

Slope: 0 to 15 percent
Depth to restrictive feature: 0 inches to manufactured layer
Runoff class: Very high

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 8
Ecological site: R019XG911CA - Loamy Fan
Hydric soil rating: No

Description of Montebello

Setting

Landform: Fan remnants
Landform position (three-dimensional): Tread, riser
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Human-transported material consisting mostly of alluvium derived from granite

Typical profile

^C1 - 0 to 41 inches: sandy clay loam
^C1 - 41 to 55 inches: sandy loam
^C2 - 55 to 79 inches: sandy clay loam

Properties and qualities

Slope: 0 to 15 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 5.0
Available water supply, 0 to 60 inches: Moderate (about 8.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: B
Ecological site: R019XG911CA - Loamy Fan
Hydric soil rating: No

Description of Xerorthents, Coarse Fill

Setting

Landform: Fan remnants
Landform position (three-dimensional): Riser, tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Human-transported material over alluvium derived from granite

Typical profile

^A - 0 to 7 inches: loam
^C1 - 7 to 13 inches: sandy clay loam
^C2 - 13 to 24 inches: sandy loam
^C3 - 24 to 33 inches: sandy loam
^C4 - 33 to 41 inches: sandy loam
^C5 - 41 to 54 inches: sandy clay loam
2Bt - 54 to 79 inches: sandy clay loam

Properties and qualities

Slope: 0 to 15 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water supply, 0 to 60 inches: Moderate (about 9.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: B
Ecological site: R019XG911CA - Loamy Fan
Hydric soil rating: No

Minor Components

Azuvina

Percent of map unit: 10 percent
Landform: Fan remnants
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

Palmview

Percent of map unit: 5 percent
Landform: Fan remnants
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

1232—Counterfeit-Urban land complex, 10 to 35 percent slopes, terraced

Map Unit Setting

National map unit symbol: 2pt4f
Elevation: 160 to 1,330 feet
Mean annual precipitation: 14 to 19 inches
Mean annual air temperature: 64 to 66 degrees F
Frost-free period: 320 to 365 days
Farmland classification: Not prime farmland

Map Unit Composition

Counterfeit and similar soils: 45 percent
Urban land: 40 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Counterfeit

Setting

Landform: Hillslopes
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Side slope, tread, riser
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Human-transported material consisting mostly of colluvium and/or residuum weathered from sedimentary rock

Typical profile

^Au - 0 to 5 inches: clay loam
^Cu1 - 5 to 18 inches: clay
^Cu2 - 18 to 37 inches: clay
^Cu3 - 37 to 57 inches: clay loam
^C - 57 to 79 inches: sandy loam

Properties and qualities

Slope: 10 to 35 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat poorly drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 12 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water supply, 0 to 60 inches: High (about 10.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: C
Ecological site: F019XG913CA - Loamy Hills <30"ppt
Hydric soil rating: No

Description of Urban Land

Setting

Landform: Hillslopes

Properties and qualities

Slope: 0 to 10 percent
Depth to restrictive feature: 0 inches to manufactured layer
Runoff class: Very high

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 8
Hydric soil rating: No

Minor Components

Zaca

Percent of map unit: 6 percent
Landform: Hillslopes
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Convex
Across-slope shape: Convex
Hydric soil rating: No

Apollo, warm

Percent of map unit: 6 percent
Landform: Hillslopes

Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Convex
Across-slope shape: Convex
Hydric soil rating: No

Balcom

Percent of map unit: 3 percent
Landform: Hillslopes
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Convex
Across-slope shape: Convex
Hydric soil rating: No

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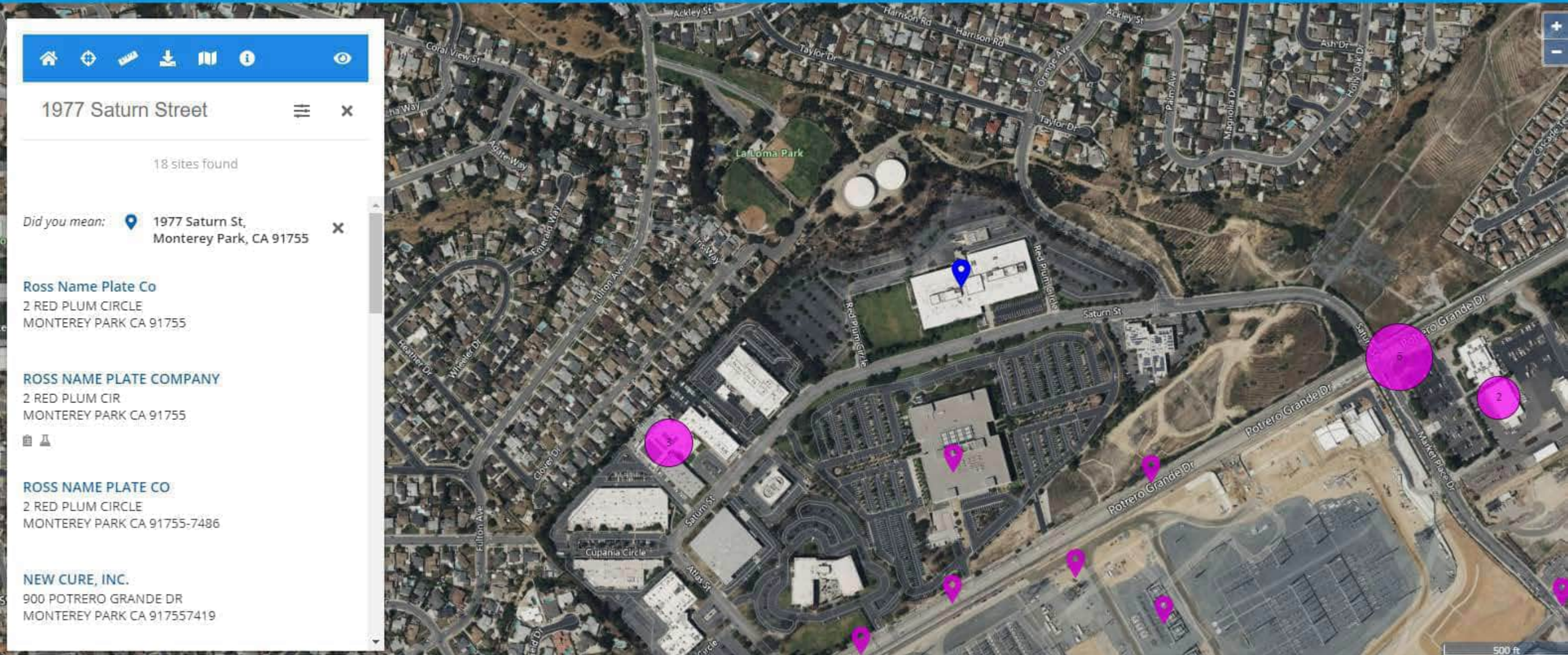
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1977 Saturn Street
18 sites found
Did you mean:
1977 Saturn St,
Monterey Park, CA 91755
Ross Name Plate Co
2 RED PLUM CIRCLE
MONTEREY PARK CA 91755
ROSS NAME PLATE COMPANY
2 RED PLUM CIR
MONTEREY PARK CA 91755
ROSS NAME PLATE CO
2 RED PLUM CIRCLE
MONTEREY PARK CA 91755-7486
NEW CURE, INC.
900 POTRERO GRANDE DR
MONTEREY PARK CA 917557419
La Loma Park
Saturn St
Potrero Grande Dr
Red Plum Circle
Cupania Circle
Fulton Ave
Ackley St
Taylor Dr
Harrison Rd
Coral View St
Emerald Way
Heather Dr
Wheeler Dr
Clore Dr
Alpine St
Palm Ave
Magnolia Dr
Holly Oak Dr
Ash Dr
Market Place Dr
500 ft

LOS ANGELES COUNTY CUPA
INACTIVE - FACILITY INVENTORY

FACILITY NAME	SITE ADDRESS				CITY	ZIP	CERS ID	Facility ID	PE
THOMSON ELECTROPLATING	13900		SATICOY	ST	VAN NUYS	91402	0	FA0024045	1001
STATE OF CA-DEPT OF FOOD & AGRI	13915		SATICOY	ST	PANORAMA CITY	91402	10246423	FA0036204	1200
STATE OF CA-DEPT OF FOOD & AGRI	13915		SATICOY	ST	PANORAMA CITY	91402	10246423	FA0036204	1002
RIGGINS ENG & MFG CO	13932		SATICOY	ST	PANORAMA CITY	91402	10239517	FA0023987	1003
VAN NUYS ICE CREAM	15321		SATICOY	ST	VAN NUYS	91406	0	FA0031744	1000
STRICTLY PERFORMANCE	15703		SATICOY	ST	VAN NUYS	91406	0	FA0024019	1001
S & S SMOG	15715	W	SATICOY	ST	VAN NUYS	91406	0	FA0024022	1001
WESTERN JET AVIATION	16101		SATICOY	ST 901-A	VAN NUYS	91406	10713826	FA0024050	1003
REPAIRTECH	16134		SATICOY	ST	VAN NUYS	91406	10262938	FA0044336	1003
KAISER MARQUARDT	16555		SATICOY	ST	VAN NUYS	91406	0	FA0024056	1004
AAA DRAPERY SERVICE	16735		SATICOY	ST 110	VAN NUYS	91406	0	FA0024049	1000
VAN NUYS AUTO WRECKING	16829		SATICOY	ST	VAN NUYS	91406	0	FA0023917	1001
PROMOTIONAL PRINTING	16931		SATICOY	ST	VAN NUYS	91406	0	FA0023931	1001
MORABITO BMW PLACE	17720		SATICOY	ST 2	RESEDA	91335	0	FA0024075	1000
MILLERS CARPET CARE	18045		SATICOY	ST	RESEDA	91335	0	FA0024037	1001
MUFFLERS NAYARIT	20146		SATICOY	ST A5	WINNETKA	91306	10883947	FA0024077	1001
JOEL'S AUTO REPAIR	20146		SATICOY	ST	WINNETKA	91306	0	FA0024078	1000
SATICOY CLEANERS	20175		SATICOY	ST	WINNETKA	91306	0	FA0024081	1001
FOTO ESQ	20175		SATICOY	ST	WINNETKA	91306	0	FA0033400	1006
MORABITO PLACE	20222		SATICOY	ST	WINNETKA	91306	0	FA0024025	1000
ALEX AUTO SERVICE	20222		SATICOY	ST	CANOGA PARK	91306	10252369	FA0024061	1001
VALLEY ALTERNATORS	20224		SATICOY	ST	CANOGA PARK	91306	10252372	FA0024062	1001
ALEX AUTO SERVICE	20226		SATICOY	ST	WINNETKA	91306	0	FA0031365	1001
RAY DUFF AUTO REPAIR 4 LESS	20230		SATICOY	ST	CANOGA PARK	91306	0	FA0024063	1000
JS AUTOMOTIVE	20256		SATICOY	ST C	WINNETKA	91306	0	FA0024024	1001
GM TIRES AND AUTO REPAIR	20256		SATICOY	ST B	CANOGA PARK	91306	10716163	FA0045432	1001
EARL SCHEIB #573	21339		SATICOY	ST	CANOGA PARK	91304	0	FA0024028	1001
GRAND AMERICAN TIRE & SERVICE	21339		SATICOY	ST	CANOGA PARK	91304	10878598	FA0024082	1002
FAME QUALITY CLEANERS	22807		SATICOY	ST	CANOGA PARK	91304	0	FA0024048	1001
WEST HILLS CLEANERS	23233		SATICOY	ST 110	CANOGA PARK	91304	10252303	FA0024060	1001
METROPCS CALIFORNIA, LLC LA0289	1855		SATURN	ST	MONTEREY PARK	91754	10298659	FA0040083	3000
T-MOBILE WEST SITE ID#IE04996A	1970		SATURN	ST	MONTEREY PARK	91755	0	FA0041161	3000
1977 SATURN	1977		SATURN	ST	MONTEREY PARK	91755	10268983	FA0024090	7124
1977 SATURN	1977		SATURN	ST	MONTEREY PARK	91755	10268983	FA0024090	1001
1977 SATURN	1977		SATURN	ST	MONTEREY PARK	91755	10268983	FA0024090	3002
1977 SATURN	1977		SATURN	ST	MONTEREY PARK	91755	10268983	FA0024090	7124

INSPECTION REPORT

Los Angeles County Fire Department - Health Hazardous Materials Division
Certified Unified Program Agency - Participating Agency
Central District Office
5825 Rickenbacker Road, Commerce, CA 90040
Tel: (323) 890-4107 / Fax: (323) 724-5976
www.fire.lacounty.gov/hhmd

Business: BANK OF THE WEST			**Inspection Date:** 07/01/2015
Address: 1977 SATURN ST		**City/State:** MONTEREY PARK, CA 91755	**Telephone:** (818) 334-2241
Owner: BANK OF THE WEST		**Email:** katrina_jones@equityoffice.com	
FA #: FA0024090	**PR:** PR0047783	**Program Element:** HW GEN, 3-5 EMPLOYEES	**Inspection Type:** ROUTINE INSPECTION
CERS ID #: 10268983		**STATE EPA ID #:** **FEDERAL EPA ID #:**	

☒ - No violations observed at the time of inspection.

OUT = Out of Compliance COS = Corrected on Site RPT = Repeat Violation

OVERALL INSPECTION COMMENTS

Consent Given By:
Jack Caffey (Security Officer)
Observed no significant violation on site. Bank of The West has moved out from this location since 06/30/2015.

Attention: Your facility may be subject to reinspection at any time to verify compliance. Failure to comply with the violations cited may result in reinspection fees, permit revocation, and/or administrative/civil/criminal penalties. Any time granted for correction of the violation(s) does not preclude any enforcement action by this Department or other agencies.

It is improper and illegal for any County officer, employee or inspector to solicit bribes, gifts, or gratuities in connection with performing their official duties. Improper solicitations include requests for anything of value such as cash, discounts, free services, paid travel or entertainment, or tangible items such as food or beverages. Any attempt by a County employee to solicit bribes, gifts or gratuities for any reason should be reported immediately to either the County manager responsible for supervising the employee or the Fraud hotline at (800) 544-6861 or www.lacountyfraud.org. YOU MAY REMAIN ANONYMOUS.

Signatures

[redacted]
A
Hazardous Materials Specialist II

PREVIOUS INSPECTIONS

Activity Date	PE	Rercord ID	Serial No.	Group Code	Service	Result	Action	Activity Min	Travel Min	Inspector ID

VIOLATIONS LIST

Open	Activity Date	Program Element	Viol Status	Service	Result	Action	Violation Degree	Comply on Date	Description

LOG SHEET

07/01/2015, A.N. I conducted routine HM & HW inspections. Observed building is vacant and moved out from this location. Confirmed with Jack Caffey, Security Officer on site and Stan Olson, Sr. Vice President, Bank of the West that all items have been removed from building. Inactivated both HM & HW program element as of 06/30/2015.

INSPECTOR FIELD NOTES

07/01/2015

Bank of the West
1977 Saturn St., Monterey Park, CA 91755 FA0024090

I. Consent: Jack Caffey (Security Officer)

Nature of Business: Business closed.

II. Walk Through:

The front door was locked, window was closed. Met security officer, Jack Caffey at the rear of the building. He stated that the entire building is completely vacant and closed. Bank of the West has moved to 13300 Crossroad Parkway, City of Industry. Observed no hazardous waste left at the building premises. Confirmed with Stan Olson, Sr. Vice President of Bank of the West that Bank of the West all items have been moved out from this location by 06/30/2015. Inactivated both HM & HW program elements.

III. Documents: N/A

IV. Closing Conference: N/A

V. Violations: N/A

Consent Given by: Jack Caffey
Inspector: Alexander Ng Employee ID: 152
1st Date of Inspection: 07/01/2015

INSPECTION REPORT

Los Angeles County Fire Department - Health Hazardous Materials Division
Certified Unified Program Agency - Participating Agency
Central District Office
5825 Rickenbacker Road, Commerce, CA 90040
Tel: (323) 890-4107 / Fax: (323) 724-5976
www.fire.lacounty.gov/hhmd

Business: BANK OF THE WEST			**Inspection Date:** 07/01/2015
Address: 1977 SATURN ST	**City/State:** MONTEREY PARK, CA 91755		**Telephone:** (818) 334-2241
Owner: BANK OF THE WEST		**Email:** katrina_jones@equityoffice.com	
FA #: FA0024090	**PR:** PR0006841	**Program Element:** HM HANDLER, FEE GROUP 02	**Inspection Type:** ROUTINE INSPECTION
CERS ID #: 10268983			

☒ - No violations observed at the time of inspection.

OUT = Out of Compliance COS = Corrected on Site RPT = Repeat Violation

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Signatures

[redacted]
Alexander Ng
Hazardous Materials Specialist II

PREVIOUS INSPECTIONS

Activity Date	PE	Rercord ID	Serial No.	Group Code	Service	Result	Action	Activity Min	Travel Min	Inspector ID

VIOLATIONS LIST

Open	Activity Date	Program Element	Viol Status	Service	Result	Action	Violation Degree	Comply on Date	Description

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V. Violations: N/A

Consent Given by: Jack Caffey
Inspector: Alexander Ng Employee ID: 152
1st Date of Inspection: 07/01/2015

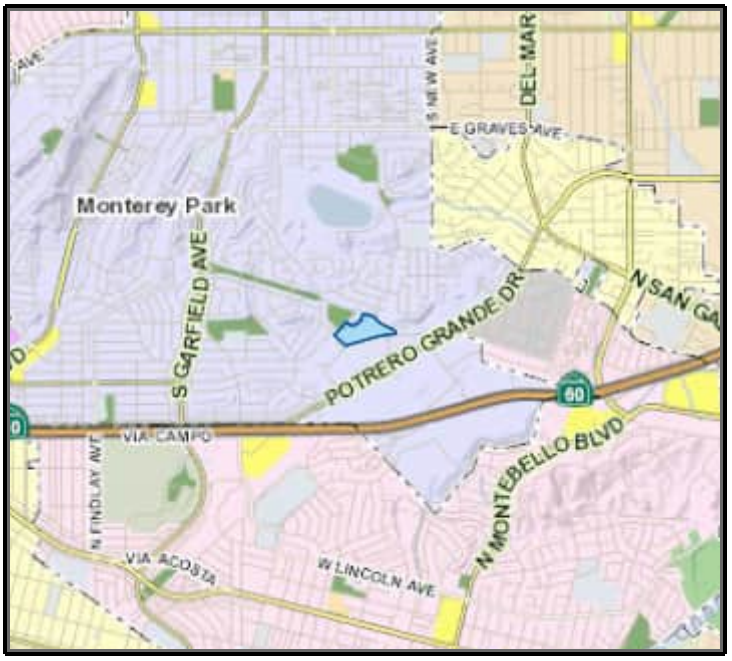
Parcel Profile Report

Report date: 3/17/2023 3:12:35 PM

APN: 5265-026-054

Address: 1977 SATURN ST MONTEREY PARK CA 91755





Address: 1977 SATURN ST

City: MONTEREY PARK CA

Owner:

Mailing Address:

Mailing City:

Lot Size Sq Ft: 689771

Lot Size Acres: 15.83

Legal Description:

*(EX OF ST) LOT 5*TR=PARCEL MAP AS PER BK 80 P 45-46 OF P M AND (EX OF ST) LOTS 1 THRU 3 AND 16 TRACT NO 33910

Use Code: 1702

Use Description: Office Buildings

Tax Rate Area: 06383

Transfer Date:

Last Sale Date:

Last Sale Amount:

Building 1

Design Type: 1700

Bedrooms: 0

Quality Class Shape: AX

Baths: 0

Year Built: 1979

Bldg Sq Ft: 203491

Units: 0

Effective Yr: 1980

NOTE: The information and materials contained herein are provided as a public service to provide planning and zoning information for the unincorporated areas of Los Angeles County. Parcel information shown on this page is from the Assessor's Office. The County has made every reasonable effort to ensure the accuracy of the information and materials contained within.

APN: 5265-026-054

Address: 1977 SATURN ST MONTEREY PARK CA 91755

General

Census Tract 2010

TRACT: 482800

TOT_POP: 4074

City and Community

City Name: MONTEREY PARK

Type:

Community Name:

Jurisdiction: INCORPORATED CITY

Community Standards District

No Results Found

CSD Area Specific Boundary

No Results Found

DRP Field Office Service Area

No Results Found

DRP Service Area

Name: East Service Area

Equestrian District

No Results Found

Fire Hazards - VHFHSZ Only

No Results Found

Green Zones - 500' Sensitive Use Buffers

No Results Found

Green Zones District

No Results Found

Historic Resources

No Results Found

Housing Element (2021 - 2029) - Rezoning

No Results Found

Housing Element (2021 - 2029) - Sites Inventory

No Results Found

Leased Parcel (Marina del Rey)

No Results Found

LUP Community/Area Plan

No Results Found

LUP General Plan

No Results Found

Rural Outdoor Lighting District (Dark Skies)

No Results Found

SB9 Eligibility

No Results Found

Significant Ecological Area (SEA)

No Results Found

Significant Ridgeline

No Results Found

Supervisorial District

Name: 1ST SUP. DISTRICT

District: 1

Supervisor Name: 1ST DISTRICT:

Transit Oriented District

No Results Found

Watershed

Name: LOS ANGELES RIVER

Zoned District

No Results Found

Zoning (Boundary)

No Results Found

Zoning Map Grid

No Results Found

Zoning SP Category

No Results Found

NOTE: The information and materials contained herein are provided as a public service to provide planning and zoning information for the unincorporated areas of Los Angeles County. Parcel information shown on this page is from the Assessor's Office. The County has made every reasonable effort to ensure the accuracy of the information and materials contained within.

APN: 5265-026-054

Address: 1977 SATURN ST MONTEREY PARK CA 91755



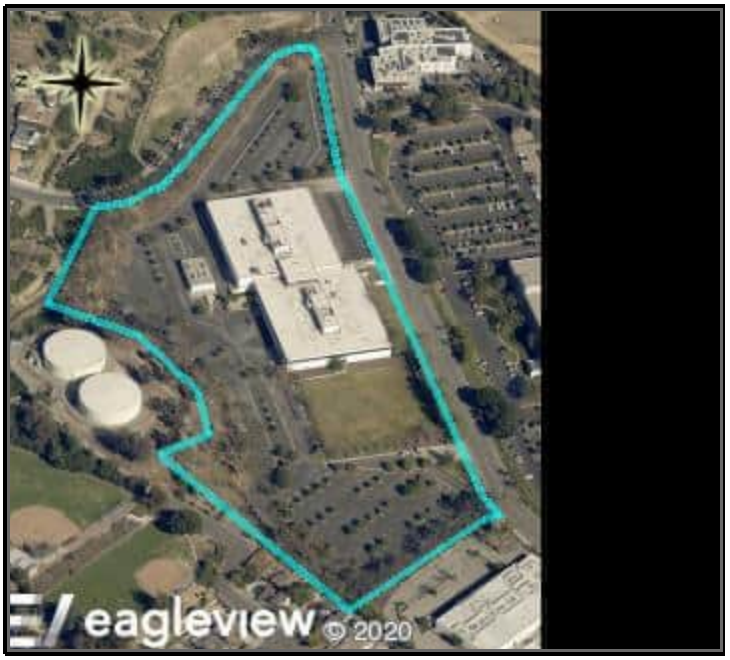
View Looking North



View Looking South

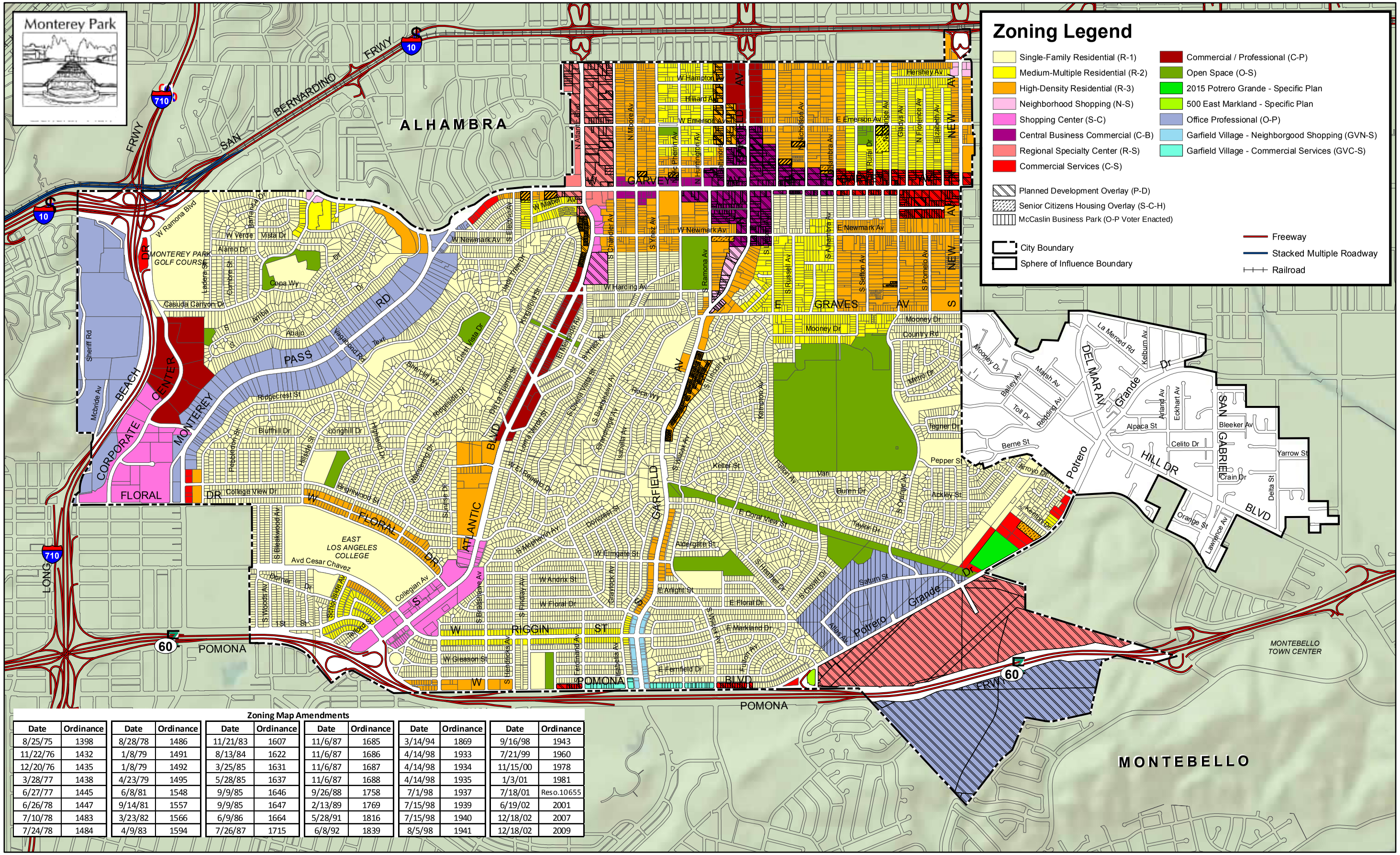


View Looking West



View Looking East

NOTE: The information and materials contained herein are provided as a public service to provide planning and zoning information for the unincorporated areas of Los Angeles County. Parcel information shown on this page is from the Assessor's Office. The County has made every reasonable effort to ensure the accuracy of the information and materials contained within.



Zoning Map Amendments

Date	Ordinance	Date	Ordinance	Date	Ordinance	Date	Ordinance	Date	Ordinance	Date	Ordinance
8/25/75	1398	8/28/78	1486	11/21/83	1607	11/6/87	1685	3/14/94	1869	9/16/98	1943
11/22/76	1432	1/8/79	1491	8/13/84	1622	11/6/87	1686	4/14/98	1933	7/21/99	1960
12/20/76	1435	1/8/79	1492	3/25/85	1631	11/6/87	1687	4/14/98	1934	11/15/00	1978
3/28/77	1438	4/23/79	1495	5/28/85	1637	11/6/87	1688	4/14/98	1935	1/3/01	1981
6/27/77	1445	6/8/81	1548	9/9/85	1646	9/26/88	1758	7/1/98	1937	7/18/01	Reso.10655
6/26/78	1447	9/14/81	1557	9/9/85	1647	2/13/89	1769	7/15/98	1939	6/19/02	2001
7/10/78	1483	3/23/82	1566	6/9/86	1664	5/28/91	1816	7/15/98	1940	12/18/02	2007
7/24/78	1484	4/9/83	1594	7/26/87	1715	6/8/92	1839	8/5/98	1941	12/18/02	2009

Source: Los Angeles County Assessor Data, 2007.

0 1,300 2,600 3,900 5,200 Feet

City of Monterey Park

Zoning Map

Parcel Details

- Property records are kept at the Headquarters Office
- How frequently is this site updated? (and other FAQs)

Property Information

Assessor's ID No:	5265-026-054
Address:	1977 SATURN ST MONTEREY PARK CA 91755
Property Type:	Commercial / Industrial
Region / Cluster:	23 / 23675
Tax Rate Area (TRA):	06383

- View Assessor Map
- View Index map

Recent Sales Information

Latest Sale Date:
Indicated Sale Price:

Search for Recent Sales

2022 - Roll Values

Recording Date:	05/15/2018
Land:	$17,155,233
Improvements:	$24,660,648
Personal Property:	$0
Fixtures:	$0
Homeowners' Exemption:	$0
Real Estate Exemption:	$0
Personal Property Exemption:	$0
Fixture Exemptions:	$0

Tax bill payment information for 2022/23, as well as any changes to the 2022 Roll Values will be available after September 30, 2022

- Estimate supplemental taxes

Property Boundary Description

*(EX OF ST) LOT 5*TR=PARCEL MAP AS PER BK 80 P 45-46 OF P M AND (EX OF ST) LOTS 1 THRU 3 AND 16 TRACT NO 33910

Building Description

Building Improvement 1

Square Footage:	203,491
Year Build / Effective Year Built:	1979 / 1980
Bedrooms / Bathrooms	0 / 0
Units	0



Summary

AIN: 5265-026-054 9

Situs Address:
1977 SATURN ST
MONTEREY PARK CA 91755-7418

Use Type:	Commercial
Parcel Type:	Regular Fee Parcel
Tax Rate Area:	06383
Parcel Status:	**ACTIVE**
Create Date:	
Delete Date:	
Tax Status:	**CURRENT**
Year Defaulted:	
Exemption:	None

Building (0101) & Land Overview

Use Code:	1702
Design Type:	1700
Quality Class:	AX
# of Units:	0
Beds/Baths:	0/0
Building SqFt:	203,491
Year Built:	1979
Effective Year:	1980
Land SqFt:	


(https://maps.assessor.lacounty.gov/GeoCortex/Essentials/PAIS/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5265-026)

Parcel Map (https://maps.assessor.lacounty.gov/GeoCortex/Essentials/PAIS/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5265-026) / Map Index (https://maps.assessor.lacounty.gov/GeoCortex/Essentials/PAIS/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=5265-NDX)

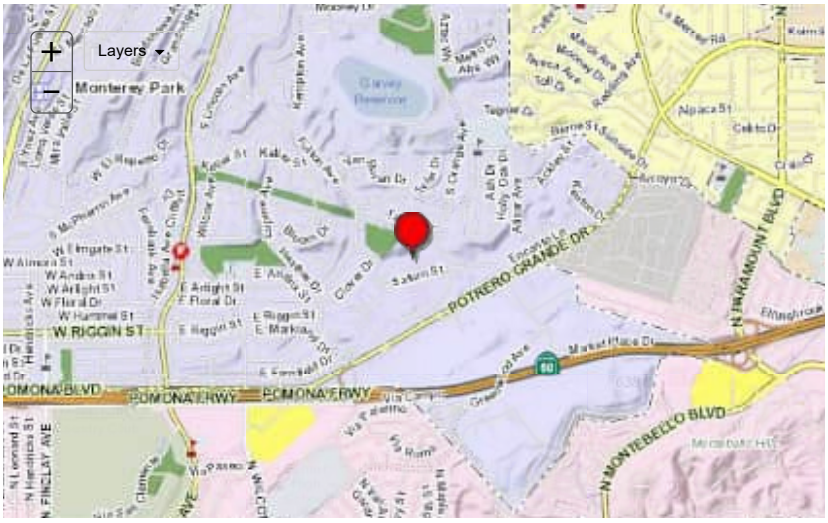
	2023 Roll Preparation		2022 Current Roll	RC	Year		2018 Base Value
$	17,498,337	$	17,155,233	T	2018	$	16,000,000
$	25,153,860	$	24,660,648	T	2018	$	23,000,000
$	42,652,197	$	41,815,881			$	39,000,000

Assessor's Responsible Division

District:	Hall of Administration
Region:	23
Cluster:	23675 ALHAMBRA

Hall of Administration (https://maps.google.com/?q=500+W.+Temple+St.+Room+180+Los+Angeles%2C+CA+90012-2770)
500 W. Temple St. Room 180
Los Angeles, CA 90012-2770

Phone: (213) 974-3108
Toll Free: 1 (888) 807-2111
M-F 7:30 am to 5:00 pm



Building and Land Characteristics

Land Information

Use Code = 1702 (Commercial)
Total SqFt (GIS): 0
Total SqFt (PDB):
Usable SqFt: 0
Acres:
Land W' x D': 0 x 0

Sewers:
Flight Path:
X-Traffic:
Freeway:

Corner Lot:
Golf Front:
Horse Lot:
View:

Zoning: (Refer Issuing Agency)
Code Split:
Impairment: None

Situs Address:
1977 SATURN ST MONTEREY PARK CA 91755-7418

Legal Description *(for assessment purposes)*:
*(EX OF ST) LOT 5*TR=PARCEL MAP AS PER BK 80 P 45-46 OF P M AND (EX OF ST) LOTS 1 THRU 3 AND 16 TRACT NO 33910

Use Code: 1702 (Commercial)
1 = Commercial
7 = Office Building
0 = Unused or Unknown Code (No Meaning)
2 = Two Stories

Building Information

SUBPART: ***0101***
Design Type: 1700
Quality Class: AX

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 203,491

Year Built: 1979
Effective Year: 1980
Depreciation: / / 0

RCN Other: $ 0
RCN Other Trended: $ 0
Year Change: 1981

Design Type: 1700
1 = Commercial
7 = Office Building
0 = Unused or Unknown Code (No Meaning)
0 = Unused or Unknown Code (No Meaning)

SUMMARY: ***Total***

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 203,491
Avg SqFt/Unit:

Events History

Ownership () Parcel Change ()

Show Re-Assessable Only: ☐

Recording Date	Seq. #	Re-Assessed	# Parcels	%	Ver. Code	DTT Sale Price	Assessed Value
05/15/2018	50	Yes	1	00%-0	K	$ 9	$ 39,000,000
07/20/2015	50	Yes	1	00%-0	K	$ 25,288,252	$ 37,600,000
06/29/2007	50	Yes	1	00%-0	1	$ 54,070,540	$ 54,070,000
07/02/2001	50	Yes	1	00%-0		$ 0	$ 30,300,000
08/31/1986	50	Yes		00%-0		$ 0	$ 27,757,000
12/10/1985	50	Yes		00%-0		$ 0	$ 19,487,187
12/04/1981	50	Yes		00%-0		$ 0	$ 0

Assessment History

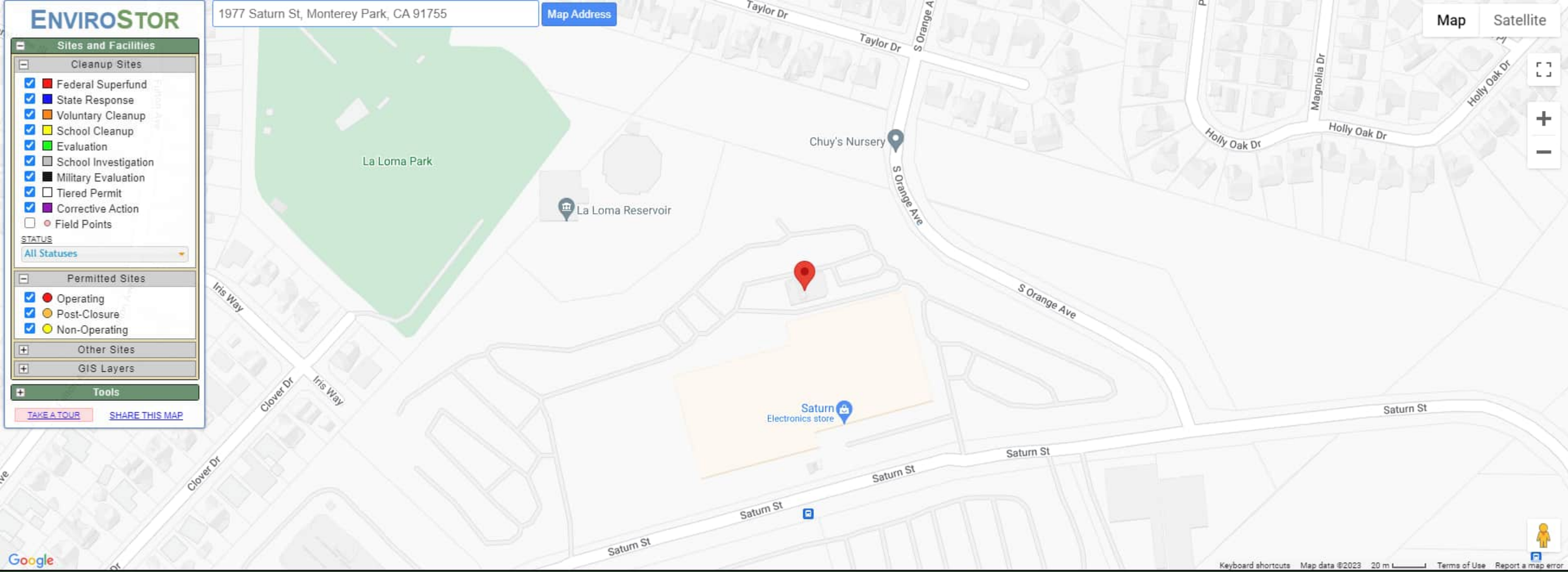
Show All: ☐ **Hide Inactive Rolls:** ☐ Showing 1 to 10 of 65 entries.

Bill Number	Bill Type	Bill Status	Date to Auditor	Recording Date	Total Value	Land Value	Improvement Value
223-PSEG				05/15/2018	$ 42,652,197	$ 17,498,337	$ 25,153,860
2220000	R	A	07/26/2022	05/15/2018	$ 41,815,881	$ 17,155,233	$ 24,660,648
2210000	R	A	07/06/2021	05/15/2018	$ 40,995,962	$ 16,818,856	$ 24,177,106
2200000	R	A	07/06/2020	05/15/2018	$ 40,575,600	$ 16,646,400	$ 23,929,200
2190000	R	A	07/01/2019	05/15/2018	$ 39,780,000	$ 16,320,000	$ 23,460,000
2180100	T	A	06/17/2019	05/15/2018	$ 39,000,000	$ 16,000,000	$ 23,000,000
2180001	C	A	05/05/2019	07/20/2015	$ 39,119,040	$ 16,646,400	$ 22,472,640
2180000	R	I	07/19/2018	07/20/2015	$ 50,979,600	$ 39,535,200	$ 11,444,400
2170100	T	A	06/17/2019	05/15/2018	$ 39,000,000	$ 16,000,000	$ 23,000,000
2170001	C	A	05/05/2019	07/20/2015	$ 38,352,000	$ 16,320,000	$ 22,032,000

« 1 2 3 4 5 … »

© 2023- Los Angeles County Assessor
Contact Us (https://assessor.lacounty.gov/contact-us/) | Disclaimer (disclaimer) | FAQ (faq)
PDB Effective Date: 03/07/2023

(https://facebook.com/LACAssessor) (https://www.twitter.com/LACASSESSOR) (https://www.linkedin.com/company/los-angeles-county-office-of-the-assessor) (https://youtube.com/u



SITES CURRENTLY VISIBLE ON MAP — 0 SITES LISTED — EXPORT THIS LIST TO EXCEL

PROJECT NAME	STATUS	PROJECT TYPE	ADDRESS	CITY

PUBLIC RECORDS REQUEST FORM

ATTENTION REQUESTOR: To fulfill your request for records, please fill out this form completely, and identify specifically the type of records you are requesting. Requests must reasonably describe identifiable records prepared, owned, used, or retained by the Sanitation Districts.

REQUESTOR INFORMATION

Name: Stephanie Wilmot		Date: 3/16/2023
Company: Partner Engineering and Science		
Mailing Address: 2154 Torrance Blvd		
City: Torrance	State: CA	Zip Code: 90501
Phone No: (310) 220-6281	Fax No. (optional)	
Email (recommended): swilmot@partneresi.com		

REQUESTED RECORDS

Please clearly describe each requested record or document.
Use additional copies of this form, as necessary. *

Time Period of Document Requested	From: 1/1/1940	To: 3/16/2023

Building, demolition, mechanical, electrical, and plumbing permits, as well as certificates of occupancy

NO RECORDS FOUND

Time Period of Document Requested	From: 1/1/1940	To: 3/16/2023

Records, building permits, and public works documents pertaining to industrial waste discharge, underground storage tanks (USTs), above ground storage tanks (ASTs),and subsurface features including clarifiers, grease traps, and septic systems

Time Period of Document Requested	From: 1/1/1940	To: 3/16/2023

Records pertaining to hazardous material permits, inspections, releases, and cleanup/violation documentation

* Requests that are not specific and focused will be returned for more information. If requested, the Sanitation Districts will assist you in making focused and effective requests for identifiable records. The Sanitation Districts will not create new documents or records in response to a request.

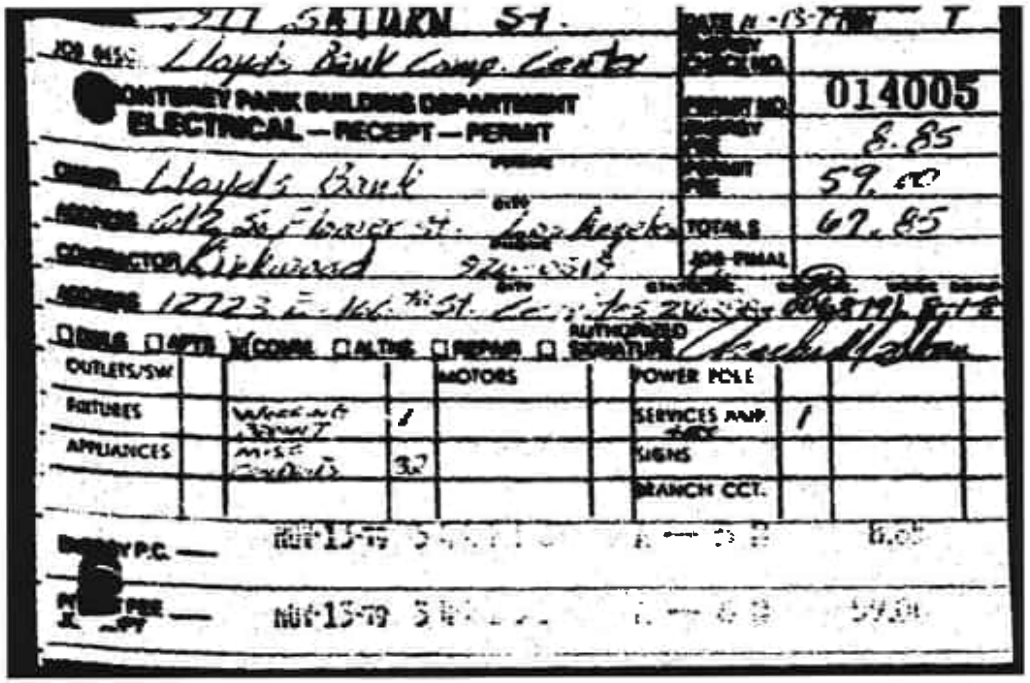
Stephanie Wilmot

Signature of Requestor

Submit requests by email, mail or fax to:

LOS ANGELES COUNTY SANITATION DISTRICTS
Converting Waste Into Resources

Records Administrator
Los Angeles County Sanitation Districts
P.O. Box 4998
Whittier, CA 90607-4998
RecordsAdministrator@lacsd.org
Fax: (562) 699-5422



211 SATURN ST.

JOB NAME Lloyd's Bank Comp. Center

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEPT — PERMIT

OWNER Lloyd's Bank

ADDRESS 612 So. Flower St. CITY Los Angeles

CONTRACTOR Kirkwood PHONE 924-0515

ADDRESS 12723 E. 166th St. CITY La Mirada

☐ BSMT ☐ APTS ☒ COMM ☐ ALTNS ☐ REPAIR ☐ AUTHORIZED SIGNATURE

DATE 11-13-79 I

JOB ADDRESS

PERMIT NO. 014005

ENERGY FEE 8.85

PERMIT FEE 59.00

TOTALS 67.85

JOB FINAL

OUTLETS/SW				MOTORS		POWER PCLE		
FIXTURES		Wall unit heat	1			SERVICES AMP SIZE	1	
APPLIANCES		misc Controls	32			SIGNS		
						BRANCH CCT.		

ENERGY P.C. — NOV-13-79 [illegible] 8.85

PERMIT FEE — NOV-13-79 [illegible] 59.00

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211
328 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

		FEES
DATE	10-15-79	
PLAN CHECK		—
ENERGY ANALYSIS		—
BUILDING PERMIT	11239	16,923.00

LEGAL DESCRIPTION LOT 1,2,3,4,5 BLOCK PAR. ROOM TRACT 33940

JOB ADDRESS 1977 SATURN ST.

OWNER LLOYDS BANK CALIFORNIA PHONE 613-2153

OWNER ADDRESS 612 S. FLOWER ST. CITY L.A. ZIP 90017

LENDER LLOYDS BANK CITY L.A. PHONE 613-2153

ARCH. DESIGNER - ENGINEER DANIEL L. DWORSKY STATE LIC. C-15CC CITY LIC. PHONE 552-0822

CONTRACTOR O.L. PACK CONTRACTOR STATE LIC. 482753 CITY LIC. PHONE 391-6711

CONTRACTOR ADDRESS 9303 WILSHIRE BLVD CITY L.A. ZIP 90210

JOB DESCRIPTION OFFICE BLDG. SHELL ONLY

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT
256,250 SQ. FT.	0 SQ. FT.	2	30	1

MATERIAL OF CONSTRUCTION: EXT. WALLS CONCRETE; ROOF STEEL; FLOOR STEEL

JOB ADDRESS 1977 SATURN ST. PLOT PLAN ON BACK

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO COMPLETE AND USE PROPOSED BUILDING $ 5,562,000.00

ENERGY ANALYSIS APPROVED PLAN CHECK 10/22 APPROVED DATE

BUILDING PERMIT APPROVED Randall

I CERTIFY THAT I HAVE READ AND UNDERSTAND THIS APPLICATION AND THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY ORDINANCES AND STATE LAWS RELATING TO BUILDING CONSTRUCTION AND I SHALL EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF CALIFORNIA. CERTIFICATE OF WORKERS COMPENSATION INSURANCE OR PROOF OF EXEMPTION IS REQUIRED PRIOR TO ISSUANCE OF ANY PERMIT.

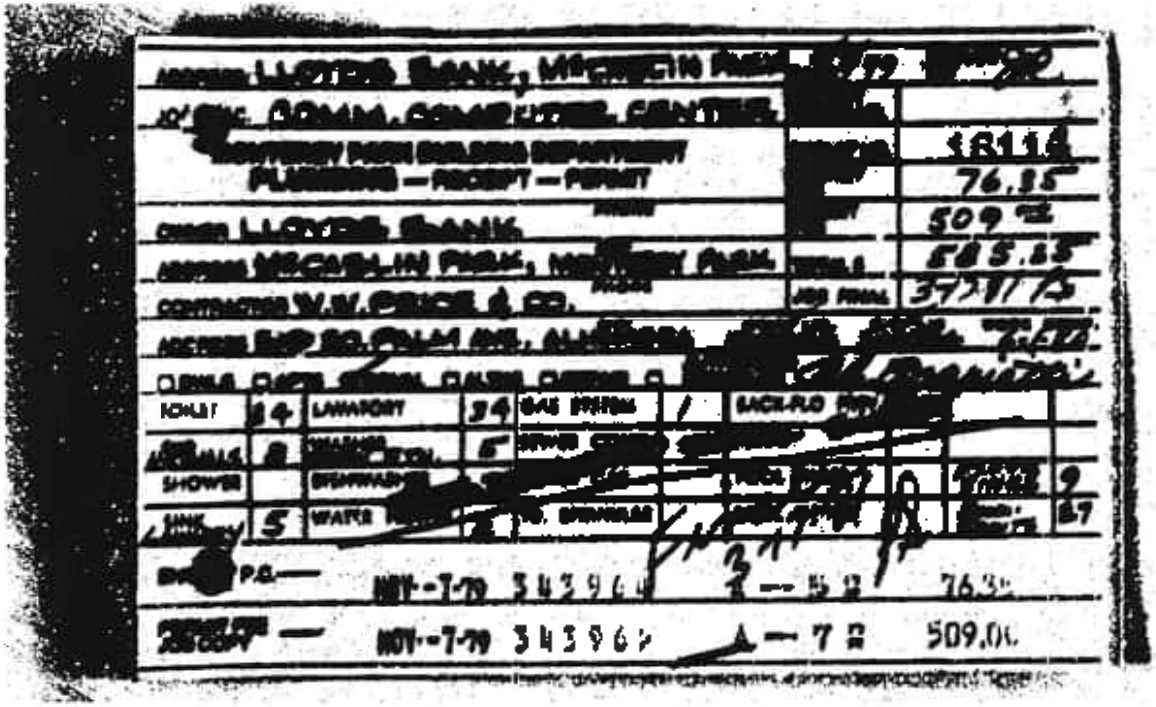
AUTHORIZED SIGNATURE OWNER CONT. or Agent: Grant Wilson c/o L. PACK

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

EARTH QUAKE			389.34
PLAN STORE			40.00
TOTAL			19,352.34
MAP NO.			8
ZONE			M
OCCUP GROUP			
CONST. TYPE			I
FIRE ZONE			
LOT SIZE			
PLANNING	L.P.	9/29/79	
AFFIDAVIT	Struct. Check	10-22-79	
DWELL. UNITS			
PARKING			
ENGINEERING			
TRAFFIC			
GRADING			
FIRE DEPT	E. Cadle	9/27/79	
WORK COMP	70-1-80		
FINAL INSPECTION			

CASHIER'S USE ONLY

PLAN CHECK	—			
ENERGY ANALYSIS	—			
BUILDING PERMIT	—	OCT-16-79	341[illegible]	A — [illegible]
EARTH QUAKE	—	OCT-16-79	341[illegible]	A — [illegible]
PLAN STORAGE	—	OCT-16-79	341[illegible]	A — [illegible]



PLUMBING — RECEIPT — PERMIT

76.35

509 00

585.35

KOHLER 34 LAVATORY 34

SHOWER

NOV-7-79 343964

NOV-7-79 343962

509.00

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211
320 West Newmark Ave. • Monterey Park, California
BUILDING PERMIT APPLICATION

11-15-79

11239 16,923.00

LEGAL DESCRIPTION LOT 4 & 5, BLOCK

JOB ADDRESS 1977 SOTHOW ST.

OWNER ALHAMBRA BANK CALIFORNIA PHONE

ADDRESS 412 S. GARFIELD ST. L.A. 90017 CITY STATE

LENDER ALHAMBRA BANK L.A. CITY STATE

ARCHITECT/ENGINEER CITY STATE

CONTRACTOR C.L. PACK CONSTRUCTION CITY STATE

CONTRACTOR'S ADDRESS 8303 WILSHIRE BLVD L.A. 90211 CITY STATE

DESCRIPTION OF WORK REMODEL BANK

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT	PLOT PLAN ON FILE
SQ. FT.	SQ. FT.				
CONSTRUCTION	GARAGE TYPE	ROOF	FLOOR		

1977 SOTHOW ST.

VALUATION $ 16,923.00

APPROVED PLAN CHECK DATE

ENERGY ANALYSIS

BUILDING PERMIT APPROVED

I HEREBY CERTIFY THAT I HAVE READ AND EXAMINED THIS APPLICATION AND KNOW THE SAME TO BE TRUE AND CORRECT. ALL PROVISIONS OF LAWS AND ORDINANCES GOVERNING THIS TYPE OF WORK WILL BE COMPLIED WITH WHETHER SPECIFIED HEREIN OR NOT. THE GRANTING OF A PERMIT DOES NOT PRESUME TO GIVE AUTHORITY TO VIOLATE OR CANCEL THE PROVISIONS OF ANY STATE OR LOCAL LAW REGULATING CONSTRUCTION OR THE PERFORMANCE OF CONSTRUCTION. PERMIT EXPIRES IF WORK IS NOT STARTED WITHIN 180 DAYS OF ISSUANCE OR IF WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AT ANY TIME AFTER WORK IS COMMENCED. A SEPARATE PERMIT MUST BE OBTAINED FOR EACH FUNCTION OR TRADE. ON PENALTY OF PERJURY I HEREBY CERTIFY THAT I HAVE READ AND EXAMINED THIS DOCUMENT AND KNOW THE CONTENTS THEREOF AND THAT THE SAME IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. I AM LICENSED UNDER PROVISIONS OF CHAPTER 9 (COMMENCING WITH SECTION 7000) OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE AND MY LICENSE IS IN FULL FORCE AND EFFECT. I AM EXEMPT FROM LICENSURE PURSUANT TO SECTION 7031.5 OF THE BUSINESS AND PROFESSIONS CODE AND I HAVE AND WILL MAINTAIN WORKER'S COMPENSATION INSURANCE AS REQUIRED BY SECTION 3700 OF THE LABOR CODE FOR THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED. I HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES. (NOTE: SIGNATURE OF APPLICANT MUST BE OBTAINED ON FRONT OF APPLICATION BEFORE PERMIT MAY BE ISSUED.)

APPLICANT A. Lloyd Wilson c/o C.L. PACK

ADDRESS 8303 WILSHIRE BLVD. BEVERLY HILLS CITY

PLAN CHECK —

—	OCT-16-79	341933	A — B 16,923.00
—	OCT-16-79	341934	A 16 — 389.31
—	OCT-16-79	341935	A 28 — 40.00

PT. 11-29-79

11-1-80

FINAL INSPECTION

Final 6-10-81 Paul Johnson

ADDRESS: 1977 Salmon

JOB DESC. Temp Power

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

OWNER PHONE

ADDRESS CITY

CONTRACTOR PHONE

ADDRESS CITY STATE LIC. CITY LIC. WORK COMP

DATE 10/26/79 ISSUED BY T

ENERGY CHECK NO.

PERMIT NO. 013972

ENERGY FEE 4.05

PERMIT FEE 27.00

TOTALS 31.05

JOB FINAL

☐ DWLG ☐ APTS ☐ COMM ☐ ALTNS ☐ REPAIR ☐ AUTHORIZED SIGNATURE

OUTLETS/SW				MOTORS		POWER POLE	1
FIXTURES						SERVICES AMPS	
APPLIANCES						SIGNS	
						REMOTE CCT	

ENERGY P.C. — OCT-26-79 34[illegible] 4.05

PERMIT FEE JOB COPY — OCT-26-79 34[illegible] 27.00

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

	DATE	5-13-80	FEES
	PLAN CHECK		12,127.6
	ENERGY ANALYSIS		-0-
	BUILDING PERMIT	12009	14,790.00
			EARTH QUAKE 332.54
			PLAN STORE -0-
			TOTAL 27,250.34
			MAP NO. 8
			ZONE M
			OCCUP GROUP
			CONST. TYPE I
			FIRE ZONE
			LOT SIZE irregular

LEGAL DESCRIPTION LOT 1,2,3,4,5 1,2,3 BLOCK PM 10094 TRACT 33910

JOB ADDRESS 1977 Saturn Street

OWNER Lloyds Bank California PHONE 613-2153

OWNER ADDRESS 612 S. Flower St., CITY Los Angeles ZIP 90017

LENDER Lloyds Bank CITY Los Angeles PHONE 613-2153

ARCH-DESIGNER-ENGINEER Daniel L. Dworsky STATE LIC. C-1500 CITY LIC. PHONE 552-0822

CONTRACTOR C.L. Peck, Contractor STATE LIC. 182753 CITY LIC. PHONE 381-6711

CONTRACTOR ADDRESS 3303 Wilshire Blvd, L.A. CITY 90010 ZIP

JOB DESCRIPTION Office Building (remaining structure)

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT
206,250 SQ. FT.	0 SQ. FT.	2	30	1

MATERIAL OF CONSTRUCTION: EXT. WALLS Concrete; ROOF steel; FLOOR steel

JOB ADDRESS 1977 Saturn Street — PLOT PLAN ON BACK

VALUATION TO INCLUDE ALL FIXED EQUIPMENT TO COMPLETE AND OCCUPY PROPOSED BUILDING $ 4,750,500.

ENERGY ANALYSIS ✓ APPROVED

PLAN CHECK RR/P.D. APPROVED

BUILDING PERMIT APPROVED R. Randall DATE 5-13-80

I CERTIFY THAT I HAVE READ AND UNDERSTAND THIS APPLICATION AND THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY ORDINANCES AND STATE LAWS RELATING TO BUILDING CONSTRUCTION AND I SHALL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF CALIFORNIA. A CERTIFICATE OF WORKERS COMPENSATION INSURANCE OR PROOF OF EXEMPTION IS REQUIRED PRIOR TO ISSUANCE OF ANY PERMIT.

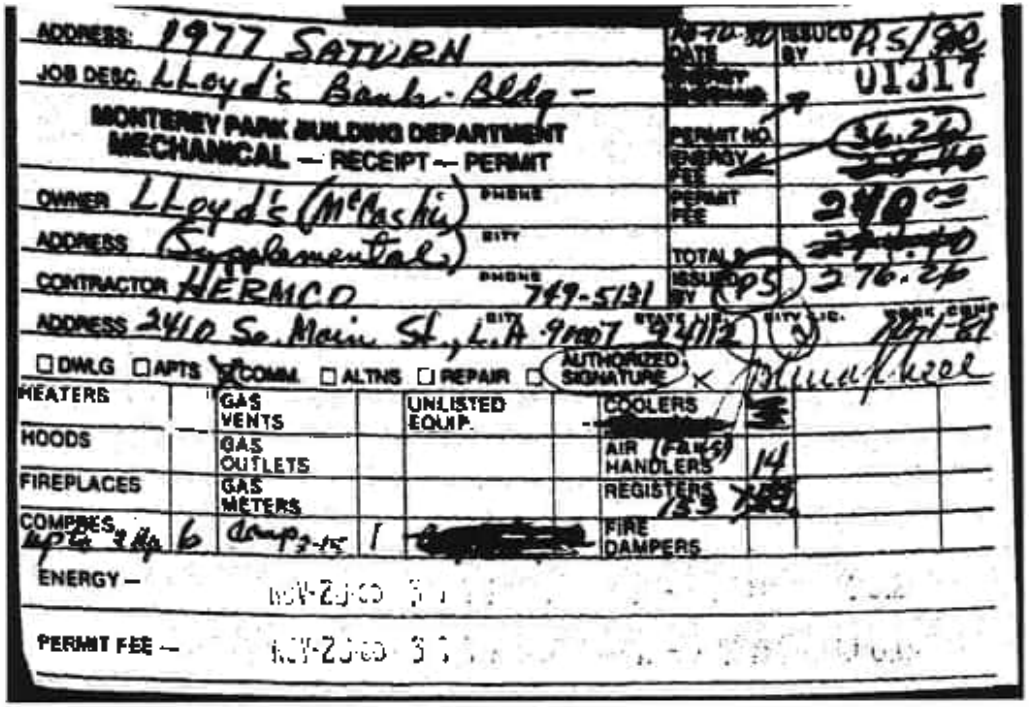
AUTHORIZED SIGNATURE
OWNER CONT. or Agent [signature]

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

CASHIER'S USE ONLY

PLAN CHECK — MAY-15-80 3[illegible]
ENERGY ANALYSIS —
BUILDING PERMIT — MAY-15-80 3[illegible]
EARTH QUAKE — MAY-15-80 3[illegible]
PLAN STORAGE —

AFFIDAVITS	
DWELL. UNITS	
PARKING ✓	
ENGINEERING	
TRAFFIC	
GRADING	
FIRE DEPT	E. Cordell 9/27/79
WORK COMP	10/1/80
FINAL INSPECTION	
PLANNING	L.P. 9/29/79



ADDRESS: 1977 SATURN
JOB DESC. LLoyd's Bank - Bldg -
MONTEREY PARK BUILDING DEPARTMENT
MECHANICAL — RECEIPT — PERMIT
OWNER LLoyd's (McCaskill)
ADDRESS (Supplemental)
CONTRACTOR HERMCO PHONE 749-5131
ADDRESS 2410 So. Main St., L.A. 90007
☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR ☐
AUTHORIZED SIGNATURE
ISSUED BY RS/PS
PERMIT NO. U1317
PERMIT FEE 240.00
TOTAL 376.24
ISSUED BY (PS)

HEATERS		GAS VENTS		UNLISTED EQUIP.		COOLERS					
HOODS		GAS OUTLETS				AIR HANDLERS	14				
FIREPLACES		GAS METERS				REGISTERS	139				
COMPRES.	6	Comp 3-15	1	[redacted]		FIRE DAMPERS					

ENERGY —
PERMIT FEE —

ADDRESS: 1977 Saturn St

LOCATION: Monterey Park

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

PERMIT NO. J14527

OWNER Lloyds Bank PHONE 613-2153

ADDRESS 612 So Flower CITY L.A.

CONTRACTOR Ellday Acoustics PHONE 925-7411

ADDRESS 14535 Woodruff Ave CITY Bellflower

STATE LIC. 257 1/4 CITY LIC. 4644 YEAR EXPIRES 12-31-78

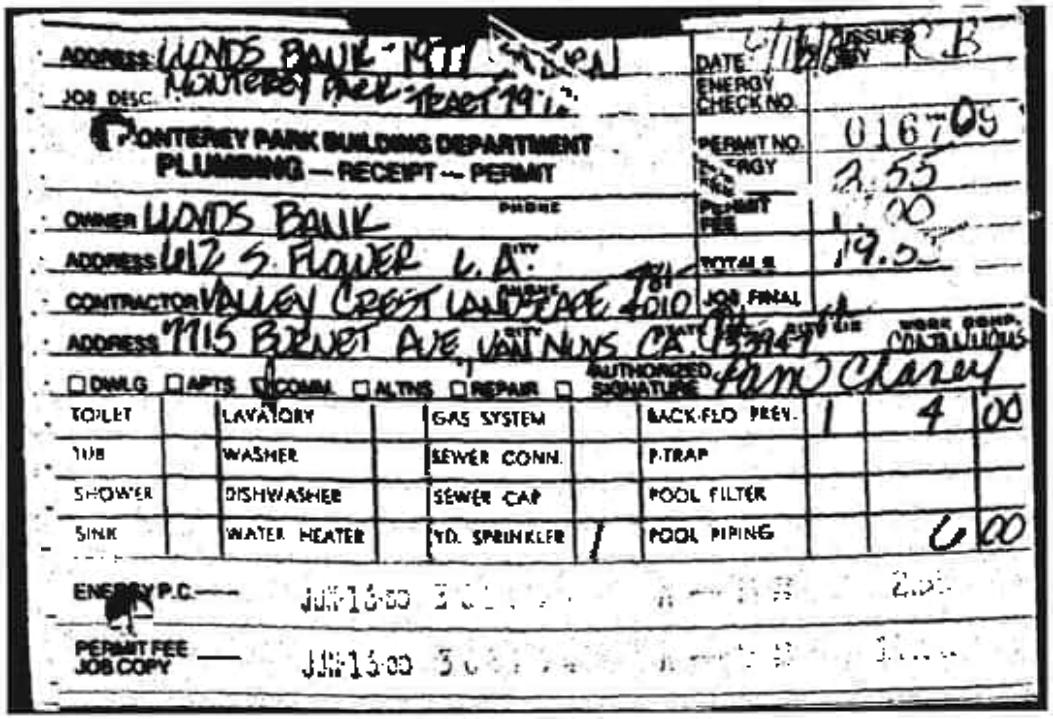
AUTHORIZED SIGNATURE Richard Bailey

☐ DWLG ☐ APTS ☐ COMM ☐ ALTNS ☐ REPAIR ☐

LIGHT OUTLETS	[redacted]	LIGHT FIXTURES	1010	DUCTS RACEWYS		TRANS-FORMERS		MOTORS 0-2 HP	
RECEPT. OUTLETS		ELECT OVENS		SERVICES 0-200A		SIGNS		2-30 HP	
SWITCH OUTLETS	75	ELECT RANGE		201-600A		TEMP. POWER		20-100 HP	
TOTAL OUTLETS		HEATERS		601-1200A		WORKING PERMIT		OTHER	

ENERGY P.C. — [illegible]

PLAN CHECK FEE — [illegible]



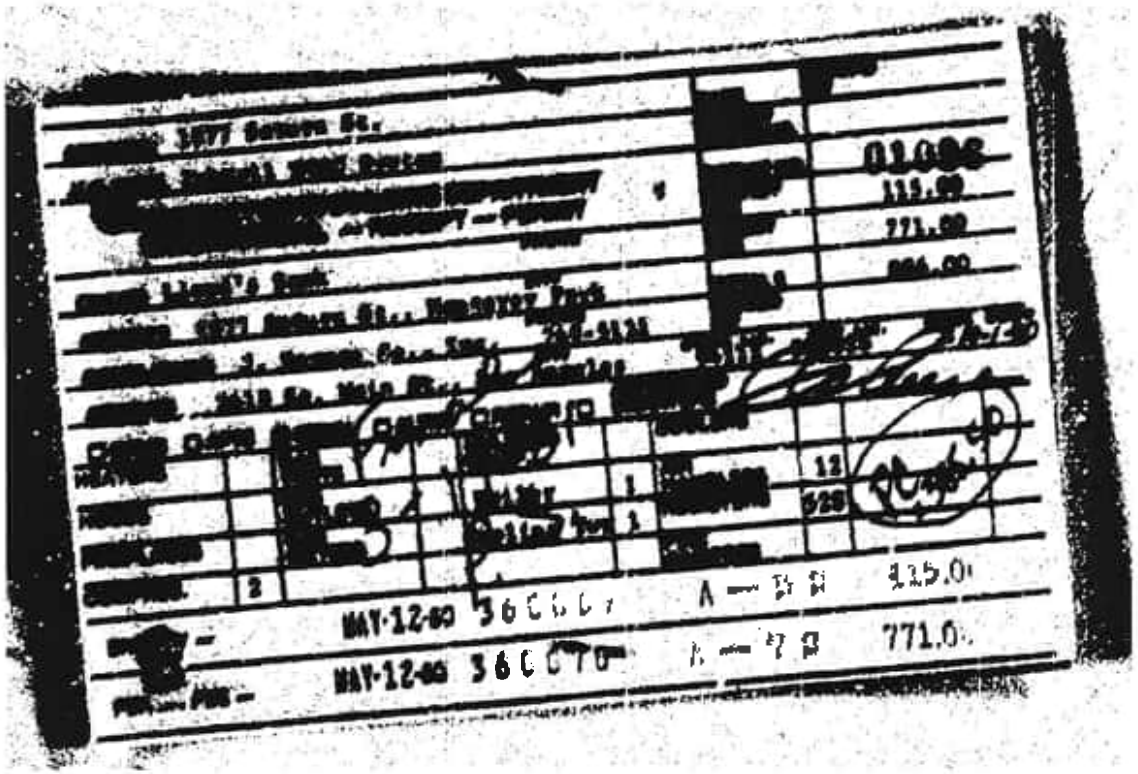
ADDRESS: LLOYDS BANK - RTI
JOB DESC: MONTEREY MALL TRACT 19[illegible]
DATE: [illegible] ISSUED BY: RB
ENERGY CHECK NO.:
PERMIT NO.: 016705
ENERGY: 2.55
PERMIT FEE: 1.00
TOTAL $: 19.55
JOB FINAL:

MONTEREY PARK BUILDING DEPARTMENT
PLUMBING — RECEIPT — PERMIT

OWNER: LLOYDS BANK PHONE:
ADDRESS: 612 S. FLOWER L.A. CITY:
CONTRACTOR: VALLEY CREST LANDSCAPE PHONE: 781-4010
ADDRESS: 7715 BALBOA AVE. VAN NUYS CA. CITY: [illegible] ST: [illegible] ZIP: [illegible]
WORK COMP. CONTRACTOR'S
☐ DWLG ☐ APTS ☐ COMM. ☐ ALTNS ☐ REPAIR ☐ AUTHORIZED SIGNATURE: Pam Clancy

TOILET		LAVATORY		GAS SYSTEM		BACK-FLO PREV.	1	4	00
TUB		WASHER		SEWER CONN.		P-TRAP			
SHOWER		DISHWASHER		SEWER CAP		POOL FILTER			
SINK		WATER HEATER		YD. SPRINKLER	1	POOL PIPING		6	00

ENERGY P.C. — JUN 16 00 [illegible]
PERMIT FEE JOB COPY — JUN 16 00 [illegible]


MAY-12-80
MAY-12-80
135.0
771.0

DECLARATIONS

The Declarations below are required by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and other applicable processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the city.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am / am not licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-16 License No. 182273

Exp. Date 5/31/81 Contractor VIKING FIRE PROT.

VIKING FIRE PROT. INC 682-6800
CONTRACTOR (DBA) Phone
2990 E. MIRALOMA ANAHEIM CA.
Address City Zip 92806

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031, California Business and Professions Code): Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. _____ B. & P. C. for this reason

Date _____ Owner _____

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC 427-71-64 Company CROSBY & HARVEY

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 9-23-80 Applicant P. Smith

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X P. Smith 9-23-80
Signature of Owner or Contractor (AGENT ONLY) Date

Owner Verified By	City Lic. Verified By

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, the permit shall become null and void by this limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211
320 West Newmark Ave., Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO. 12541

LEGAL DESCRIPTION LOT _____ BLOCK _____ TRACT _____

JOB ADDRESS 1977 SATURN

OWNER LLOYDS BANK PHONE _____

OWNER'S ADDRESS SAME CITY _____ ZIP _____

ENGINEER _____ STATE LIC. _____ PHONE _____

ARCH.-DESIGNER _____ STATE LIC. _____ PHONE _____

CONTRACTOR VIKING FIRE PROT. PHONE _____

PLAN CHECK FEE	0
ENERGY ANALYSIS FEE	0
BUILDING PERMIT FEE	17.50
SMIP FEE	.50
STATE FEE	0
TOTAL $ FEE	18.00

JOB DESCRIPTION: NEW ☐ ADD ☐ DEMO ☐ FIRE ☐

INSTALL SPRINKLER : ABOVE FUEL OIL LINE

BUILDING AREA | GARAGE AREA | SPRINKLERS | HEIGHT | NO. STORIES | NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION: EXT. WALLS | ROOF | FLOOR

JOB ADDRESS 1977 SATURN

VALUATION $ 1500.00

ENERGY ANALYSIS APPROVED PLAN CHECK R APPROVED

BUILDING PERMIT APPROVED M. Randall DATE 9-23-80

Alum. Shop 819 - 2nd floor & East Half - D.

NO. UNITS | BEDROOMS/UNIT | PARKS & RECREATION FEE | DEMO DR. _____ AMT. DUE $ _____

PARKING | PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

MAP NO.	8
ZONE	M1
OCCUP GROUP	
CONST. TYPE	I Sprinklered
LOT SIZE	
APPROVALS	
ENGINEERING	
PLANNING	
PERMIT	Issued 9/7/80
WORK COMP	1-1-81
FINAL INSPECTION	Paul Chrisman

CASHIER USE ONLY

PLAN CHECK Final 6-16-81

ENERGY —

ADDITIONS —

BUILDING SEP-23-80 371502 A

PLUMBING SEP-23-80 371503 A

ELECTRIC —

HEATING —

MECHANICAL —

STORAGE —

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

5-13-80

12009

FEES	
	12,127.80
	14,790.00
	332.54
	-0-
TOTAL	27,250.34
	8
ZONE	M
	1
LOT SIZE	Irregular

LEGAL DESCRIPTION: LOT 1,2,3,4,5 BLOCK TRACT 33910

JOB ADDRESS: 1977 Saturn Street

OWNER: Lloyds Bank California PHONE 613-2193

OWNER'S ADDRESS: 612 S. Flower St., CITY Los Angeles ZIP 90017

LENDER: Lloyds Bank CITY Los Angeles PHONE 613-2193

ARCH.-DESIGNER-ENGINEER: Daniel L. Dworsky STATE LIC. C-1500 CITY LIC. PHONE 552-0822

CONTRACTOR: C.L. Beck, Contractor STATE LIC. 182753 CITY LIC. PHONE 381-6711

CONTRACTOR'S ADDRESS: 3303 Wilshire Blvd. L.A. CITY 90010

DESCRIPTION: Office Building (remaining structure)

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT
206,250 SQ. FT.	0 SQ. FT.	2	30	1

BUILDING CONSTRUCTION	ROOF	FLOOR	FOUNDATION
Concrete	steel		steel

FLOOD ZONE: L.P. 9/29/79

AFFIDAVITS:

JOB ADDRESS: 1977 Saturn Street

PLOT PLAN ON BACK

VALUATION: $ 4,750,500.

SHELL UNITS:

ENERGY ANALYSIS: APPROVED PLAN CHECK: APPROVED DATE 5-13-80

PARKING: ✓

BUILDING PERMIT APPROVED:

ENGINEERING:

I CERTIFY THAT I HAVE READ AND UNDERSTAND THE APPLICATION AND THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY ORDINANCES AND STATE LAWS RELATING TO BUILDING CONSTRUCTION AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES. (NOTE: A CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED UNTIL ALL VIOLATIONS OF THIS BUILDING CODE OR OTHER ORDINANCES HAVE BEEN CORRECTED AND APPROVED BY THE BUILDING OFFICIAL. A FINAL INSPECTION OR PROOF OF EXEMPTION IS REQUIRED PRIOR TO ISSUANCE OF ANY PERMIT.)

TRAFFIC:

ENGINEER: E. Cordell 9/27/79

WATER DEPT.: 10/1/80

FINAL INSPECTION: 3-17-81 P.S.

SIGNATURE OF OWNER OR AGENT

WRITTEN AUTHORIZATION OF OWNER REQUIRED IF SIGNED BY AGENT

CHECKED BY CITY CLERK

PLAN CHECK —

—

—

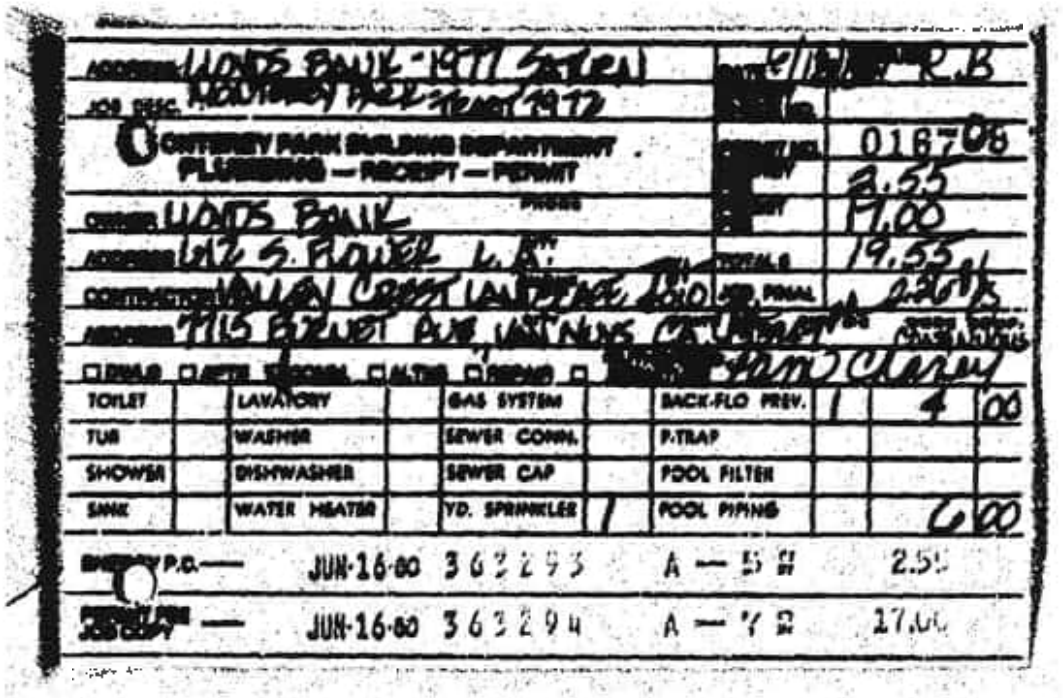
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MAY-13-80 360114 A — B # 14,790.00

MAY-13-80 360115 A — # 332.54



CULVER CITY PARK BUILDING DEPARTMENT
PLUMBING — RECEIPT — PERMIT

WANTS BANK - 9711 SEPULVEDA
NEW TENANT IMPROVEMENT 1972

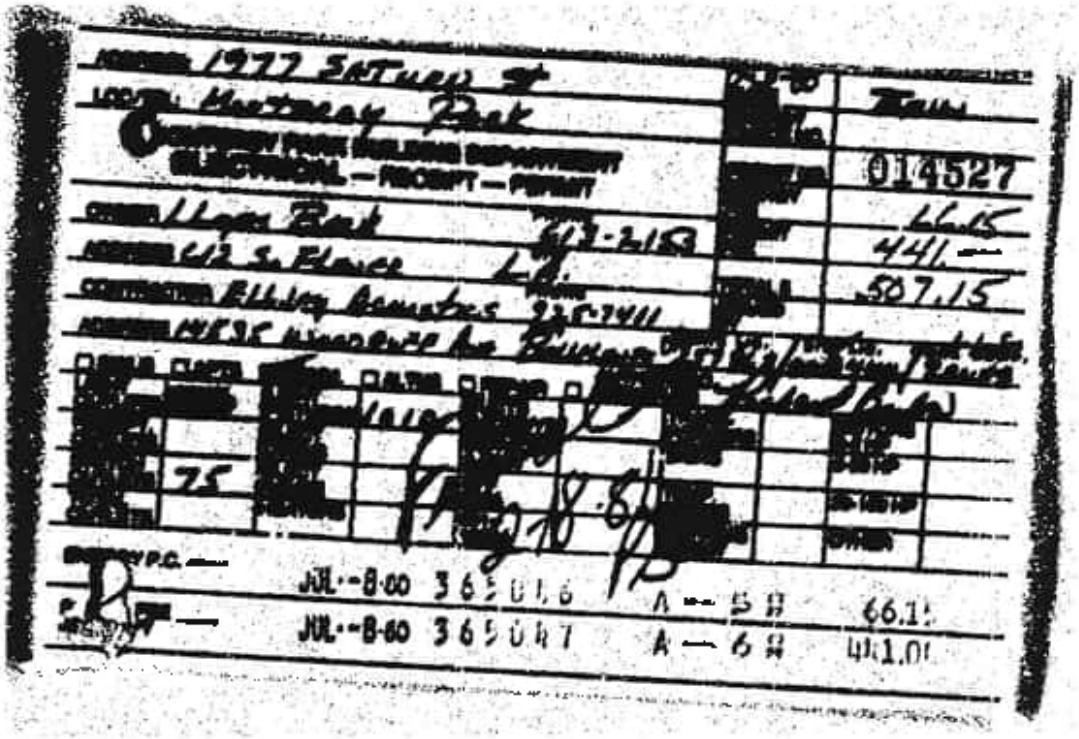
0167 06
3.55
19.00
19.55
0.20 %

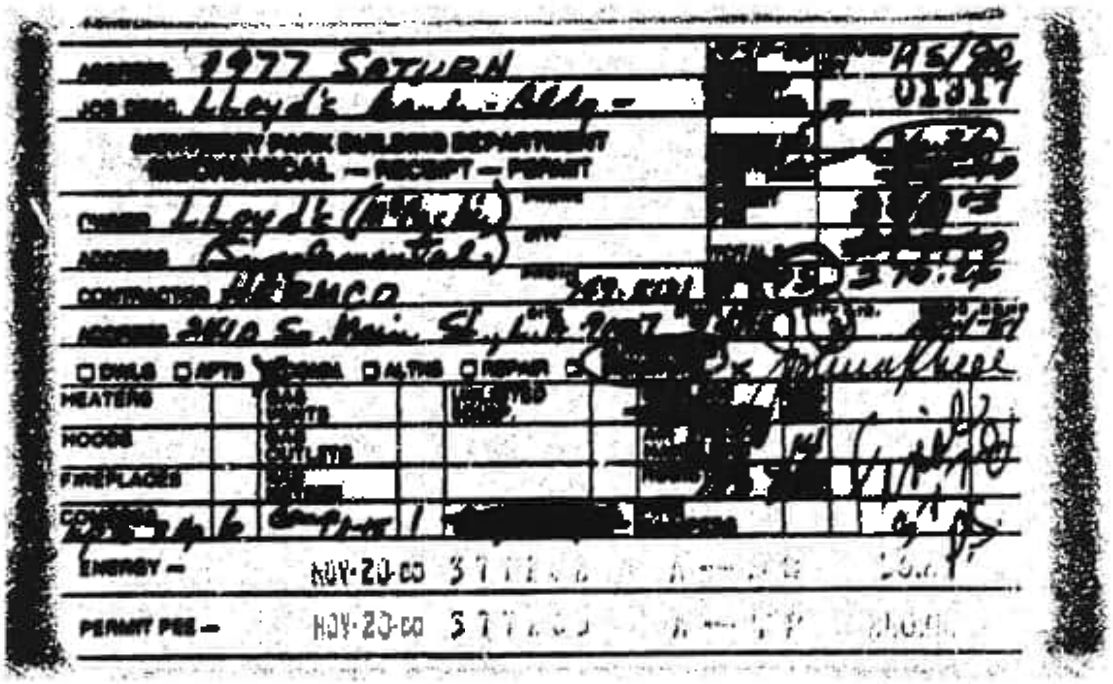
WANTS BANK
6212 S. FLOWER L.A.
VALLEY CONSTRUCTION CO.
7115 BELMONT AVE, VAN NUYS CA.

TOILET		LAVATORY		GAS SYSTEM		BACK-FLO PREV.	1	4	00
TUB		WASHER		SEWER CONN.		P-TRAP			
SHOWER		DISHWASHER		SEWER CAP		POOL FILTER			
SINK		WATER HEATER		YD. SPRINKLER	1	POOL PIPING		6	00

P.C. — JUN-16-80 362293 A — 5 # 2.5

— JUN-16-80 362294 A — Y # 17.00


1977 Saturn St
Monterey Park
ELECTRICAL — RECEIPT — PERMIT
014527
Hope Bank
441.—
507.15
JUL--8-00 365016 A — 5 # 66.1
JUL--8-00 365047 A — 6 # 441.01


1977 SATURN
Lloyd's Auto Body
BEVERLY PARK BUILDING DEPARTMENT
MECHANICAL — RECEIPT — PERMIT
Lloyd
Supramental
HEATING
HOODS
FIREPLACES
ENERGY —
NOV-20-00
PERMIT FEE —
NOV-20-00

DECLARATIONS

The Contractor below was licensed by the State of California under Section 7028 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not removable from the city.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C 38 License No. 219077

Date 5-31-82 Contractor Philip Perez

Phil's Comm. Refrig.

CONTRACTOR (DBA) Phone

14020 Marquardt 8021629

ADDRESS Santa Fe Springs, Calif. Zip 90670

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 275 KE 68 [illegible] Company Amer. Mem.

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 11-20-80 Applicant Philip Perez

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor (AGENT) Philip Perez Date 11/20/80

Owner Verified By ..... City Lic. Verified By .....

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by limitation. A signed inspection on job card will keep permit valid for an extra 180 days.

JOB ADDRESS 1977 Saturn

☐ DWLG ☐ APTS ☐ COMM ☐ ALTER ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
MECHANICAL — RECEIPT — PERMIT

PERMIT NO. 01319

OWNER Lloyds Bank of Calif. Phone

ADDRESS City

CONTRACTOR Phone

WORK COMP. 10-1-81 ISSUED BY

SPECIAL REQ'MT DATE

PERMIT FEE 22.-

PLAN CHECK FEE —

ENERGY FEE 3.30

TOTAL FEES 25.30

	FURNACE B. T. U.	APPLIANCE VENT	FIREPLACE	EVAPORATIVE COOLER		WORK PERMIT
		AIR HANDLER C F M.	HOOD	POOL HEATER B. T. U.		
	A. C. COMP. SIZE					
2	refrig.	VENT/FAN 6.00	12.00			
	food strge.	VENT SYSTEM				
under 3 hp		DIFFUSERS REGISTERS	GAS VENT	GAS SYSTEM		
		FIRE DAMPERS		JOB FINAL	2-18-81 P.S.	

10.00	Permit Issuance Fee. ALL FEES ARE PER "EACH"	10.00
6.00	All Furnaces up to: 100M B. T. U. (w/Vent)	
10.00	All Furnaces OVER 100M B. T. U. (w/Vent)	
4.00	Appliance Vent (New, Replace, Relocate)	
6.00	Heater: Refrig.: Absorp. System/Unit (New/Alter)	
6.00	Comp./Boiler up to: 3 H.P./100M 2 compressors	12.00
12.00	Comp./Boiler OVER 3-15 H.P./OVER 100M - 500M	
20.00	Comp./Boiler OVER 15-30 H.P./OVER 500M - 1000M	
30.00	Comp./Boiler OVER 30-50 H.P./OVER 1000M - 1750M	
40.00	Comp./Boiler OVER 50 H.P./OVER 1750M	
5.00	Air Handler up to and including 10M C. F. M.	
10.00	Air Handler OVER 10M C. F. M.	
6.00	Evaporative Cooler (Permanent)	
4.00	Vent Fan (Single Duct): Vent System	
6.00	Appliance or Equipment Not Listed	
1.00	Diffusers (Supply and Return)	
4.00	Gas System 1-5 outlets)	
1.00	Gas System (6 or more outlets)	
	PLAN CHECK FEE = ½ PERMIT FEE ENERGY FEE = 15% OF PERMIT FEE	
	ENERGY	3.30
	TOTAL	$25.30

ENERGY P.C. — DEC-2-80 511512

PLAN CHECK —

PERMIT FEE — DEC-2-80 511511

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 570-1011
320 West Newmark Ave. - Monterey Park, California
BUILDING PERMIT APPLICATION

5-12-80

12032 $93.00
$.26
377.76

1977 SATURN
LLOYDS BANK
1977 SATURN
VIKING FIRE
2990 E. MIRALOMA, ANAHEIM, CA.
INSTALL FIRE SPRINKLER

1977 SATURN
68,000

APPROVED
PLAN CHECK
DATE

1-1-81
FINAL INSPECTION

Final 6-10-81

MAY-19-00 3605V1 3.35
MAY-19-00 3605S0 4.7

ADDRESS LLOYDS BANK - 1977 SATURN | DATE 6/10/81 BLDG. NO. K-13

JOB DESC MONTEREY PARK - TRACT 7972

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

OWNER LLOYDS BANK	PHONE	ENERGY CHECK NO.	
ADDRESS 412 S. FLOWER	CITY L.A.	PERMIT NO.	114479
CONTRACTOR VALLEY CREST LANDSCAPE	PHONE 781-4010	ENERGY FEE	1.35
ADDRESS 7715 BUCKLAND AVE. VAN NUYS, CA.	CITY STATE 91335	PERMIT FEE	9.00
☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR ☐	AUTHORIZED SIGNATURE Dan Chaney	TOTAL $	10.35
		JOB FINAL	OK

CITY OK CORRECTION

OUTLETS/SW			MOTORS	POWER POLE	
FIXTURES			(SPRINKLER)	SERVICE/ AMP.	
APPLIANCES			CONTROLLER	SIGNS	
				BRANCH CCT.	

ENERGY P.C. — J. Miles Building

PERMIT FEE JOB COPY — J. Miles Building

ADDRESS: 1977 SATURN STREET

JOB DESC. SEWER CONNECTION

MONTEREY PARK BUILDING DEPARTMENT
PLUMBING — RECEIPT — PERMIT

OWNER LLOYDS BANK of CALIF. PHONE

ADDRESS 1977 SATURN ST. CITY MONTEREY PARK

CONTRACTOR C. A. PECK PHONE 381-6714

ADDRESS 3.03 WILSHIRE BLVD. CITY LOS ANGELES STATE LIC. CITY LIC. WORK COMP.

LATE/L. ISSUED BY

ENERGY CHECK NO.

PERMIT NO. 016686

ENERGY FEE

PERMIT FEE 22 —

TOTALS 22 —

JOB FINAL

☐ DWLG ☐ APTS ☑ COMM. ☐ ALTNS ☐ REPAIR ☐ AUTHORIZED SIGNATURE

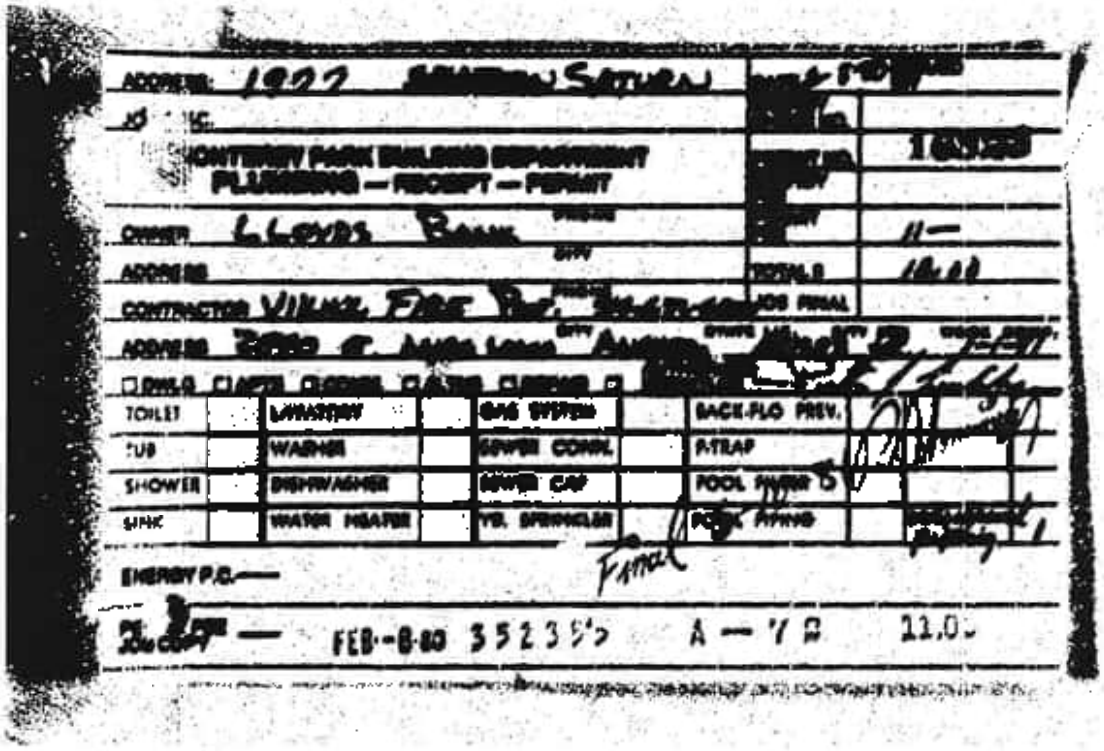
TOILET		LAVATORY		GAS SYSTEM		BACK-FLO PREV.			
TUB		WASHER		SEWER CONN.	X	P-TRAP			
SHOWER		DISHWASHER		SEWER CAP		POOL FILTER			
SINK		WATER HEATER		YD. SPRINKLER		POOL PIPING			

ENERGY P.C. —

PERMIT FEE —

JOB COPY

JAN -2-80 [illegible] 22.0



MONTEREY PARK BUILDING DEPARTMENT
PLUMBING — RECEIPT — PERMIT

OWNER Lloyds Bank

CONTRACTOR Viking Fire Inc.

TOILET		LAVATORY		GAS SYSTEM		BACK-FLO PREV.	
TUB		WASHER		SEWER CONN.		P-TRAP	
SHOWER		DISHWASHER		SEWER CAP		POOL PUMP	
SINK		WATER HEATER		YD. SPRINKLER		POOL PIPING	

ENERGY P.C. —

Final

FEB-8-80 352395 A — 72 11.0

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-[illegible] License No. [illegible]

Exp 3 31 82

Date _____ Contractor [illegible]

[illegible] 533-[illegible]

CONTRACTOR (DBA)		Phone
[illegible]		[illegible]
ADDRESS	City	Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00).

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

Date _____ Owner _____

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC2-162-018764-010 Company Mutual Liberty

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date _____ Applicant _____

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Rodney Dunn 11-17-80

Signature of Owner or Contractor ONLY — Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit active for no more than 180 days.

JOB ADDRESS: 1977 SATURN

☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

PERMIT NO. 014843

OWNER LLOYDS BANK PHONE

ADDRESS 4515 So Soto St. CITY Vernon

CONTRACTOR Glen Van Fossen PHONE 583-6391

WORK COMP. 4-6-81 ISSUED BY

SPECIAL INSP. DATE

PERMIT FEE	18 00
PLAN CHECK FEE	0
ENERGY FEE	1.20
TOTAL FEES	19.20

	OUTLETS		BUSWAY FOOTAGE	2	MOTORS H. P.		POWER POLE		WORK PERMIT
	FIXTURES				1/2 HP ea.		SERVICE AMPS.		
	SWITCHES		MISC. CONDUITS						
					MOTORS H. P.		POOL OR SPA SYSTEM		
	APPLIANCES		TEMPORARY SYSTEM		BRANCH CCT		SIGNS		FLASHER TIMER
2	APPLIANCES CCT.						JOB FINAL		

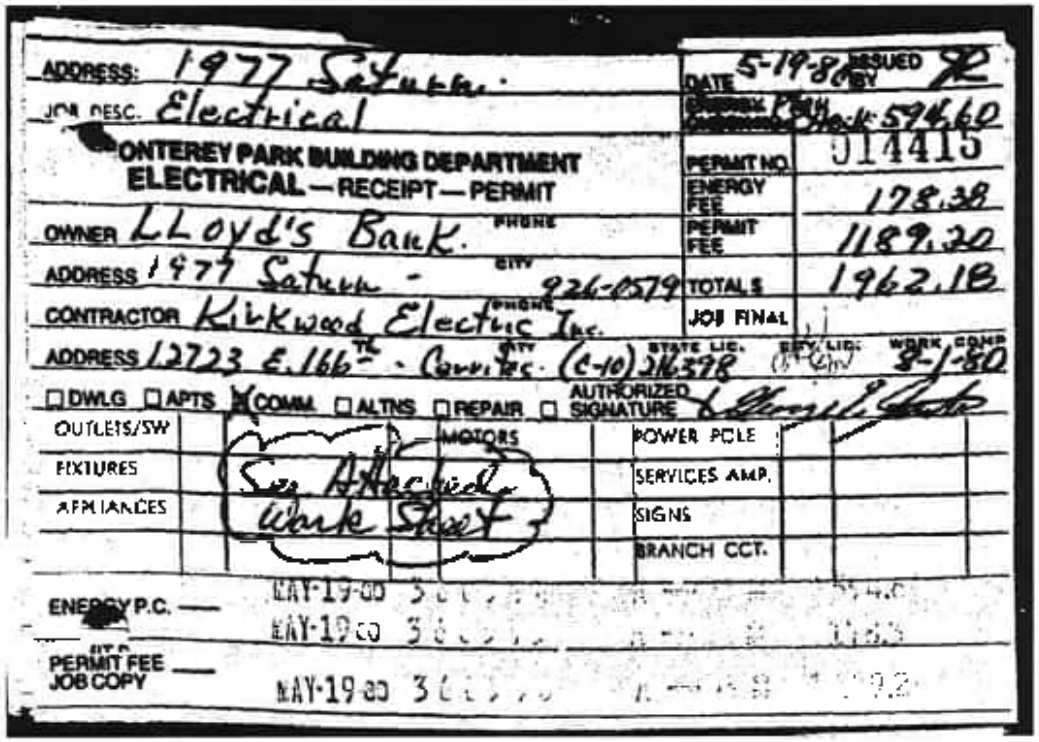
10.00	PERMIT ISSUANCE FEE	10	00
.50	OUTLETS, RECEPTICALS, SWITCHES, LIGHT FIXTURES, HOLDERS, each SOCKETS, POLE, PLATFORM, MERCURY VAPOR		
5.00	TEMPORARY; FESTOON, RECEPTICAL SYSTEMS		
2.00	APPLIANCE CIRCUIT	4	00
2.00	BRANCH CIRCUIT (OR BALLAST)		
4.00	BUSWAY SYSTEMS (EACH 100 FEET OR FRACTION)		
10.00	SIGN — (1) CCT. (OR BALLAST)		
2.00	FLASHERS, TIMERS, MOTORS		
10.00	TEMPORARY POWER SERVICE (FIRST POLE)		
2.00	TEMPORARY POWER SERVICE (EACH ADDITIONAL POLE)		
7.50	MISCELLANEOUS CONDUITS & CONDUCTORS		
5.00	WORKING PERMIT		
15.00	MAINTENANCE ELECTRICIAN — ANNUAL REGISTRATION	4	—
15.00	EMERGENCY OR SPECIAL INSPECTIONS (PER HOUR)		
30.00	PRIVATE SWIMMING POOL OR SPA SYSTEMS	18	00
	Each POWER APPARATUS - RATED: H.P. - K.W. - K.V.A.		
2.00	0 UP TO: 1 — 20.00 50 UP TO: 100	ENERGY	1 20
5.00	1 UP TO: 10 25.00 100 UP TO: 500		
10.00	10 UP TO: 50 30.00 OVER 500	TOTAL	19 20
	SERVICE (AND SUB-PANELS)		
12.50	UP TO 600 VOLTS AND 200 AMP.		
25.00	OVER 600 VOLTS AND 200 - 1000 AMP.		
50.00	OVER 600 VOLTS AND OVER 1000 AMP.		

PLAN CHECK FEE = ½ PERMIT FEE ENERGY FEE = 15% OF PERMIT FEE

ENERGY P.C. — NOV-17-80 3[illegible] [illegible] 1.2[illegible]

PLAN CHECK —

PERMIT FEE — NOV-17-80 3[illegible] [illegible] 18.00



ADDRESS: 1977 Saturn.
JOB DESC. Electrical
MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT
OWNER Lloyd's Bank. PHONE
ADDRESS 1977 Saturn - CITY 926-0579
CONTRACTOR Kirkwood Electric Inc. PHONE
ADDRESS 12723 E. 166th St. - Cerritos CITY (C-10) STATE LIC. 396398 BUS. LIC. WORK COMP 8-1-80
☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR ☐ AUTHORIZED SIGNATURE

DATE 5-19-80 ISSUED BY R
BUILDING PERMIT Check 59460
PERMIT NO. 014415
ENERGY FEE 178.38
PERMIT FEE 1189.20
TOTALS 1962.18
JOB FINAL

OUTLETS/SW		MOTORS		POWER POLE	
FIXTURES		See Attached Work Sheet		SERVICES AMP.	
APPLIANCES				SIGNS	
				BRANCH CCT.	

ENERGY P.C. — MAY-19-80 3[illegible]
CITY P. PERMIT FEE — MAY-19-80 3[illegible]
JOB COPY MAY-19-80 3[illegible]

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of plans and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7030) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class C 38 License No. 219077
5-31-82
Date 11-20-80 Contractor Philip Perez

Phil's Comm. Refrig.
CONTRACTOR (DBA) Phone
14020 Marquardt 8021629
ADDRESS Santa Fe Springs, Ca ZIP 90670

OWNER BUILDER DECLARATION

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☐ I am exempt under Sec. ____ B. & P. C. for this reason:

Date ____ Owner ____

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 1860, Lab. C.).

Policy No. 275 WC 69 SPE Company Amer. Cas.
☐ Certified copy is hereby furnished.
☑ Certified copy is filed with the Department of Building & Safety.

Date 11-20-80 Applicant Philip Perez

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ____ Applicant ____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name ____

Lender's Address ____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor (AGENT) 11/20/80 Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

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JOB ADDRESS: 1977 Saturn

☐ DWLG ☐ APTS ☐ COMM ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
MECHANICAL — RECEIPT — PERMIT

PERMIT NO. 01319

OWNER LLoyds Bank of Calif. PHONE
ADDRESS PHONE
CONTRACTOR
WORK COMP. 10-1-81 ISSUED BY
SPECIAL INSP. DATE

	FURNACE B. T. U.		APPLIANCE VENT		FIREPLACE	EVAPORATIVE COOLER	WORK PERMIT
			AIR HANDLER C.F.M.		HOOD	POOL HEATER B. T. U.	
	A. C. COMP. SIZE						
2	refrig.		VENT FAN 6	00	12.00		
	food strge.		VENT SYSTEM				
under 3 hp			DIFFUSERS REGISTERS		GAS VENT	GAS SYSTEM	
			FIRE DAMPERS			JOB FINAL	

10.00	Permit Issuance Fee.	ALL FEES ARE PER "EACH"	10.00
6.00	All Furnaces up to: 100M B. T. U. (w/Vent)		
10.00	All Furnaces OVER 100M B. T. U. (w/Vent)		
4.00	Appliance Vent (New, Replace, Relocate)		
5.00	Heater: Refrig.; Absorp. System/Unit (New/Alter)		
✓ 6.00	Comp./Boiler up to: 3 H.P./100M 2 compressors		12.00
12.00	Comp./Boiler OVER 3-15 H.P./OVER 100M - 500M		~~12.00~~ XXXX
20.00	Comp./Boiler OVER 15-30 H.P./OVER 500M - 1000M		
30.00	Comp./Boiler OVER 30-50 H.P./OVER 1000M - 1750M		
40.00	Comp./Boiler OVER 50 H.P./OVER 1750M		
5.00	Air Handler up to and including 10M C. F. M.		
10.00	Air Handler OVER 10M C. F. M.		
6.00	Evaporative Cooler (Permanent)		
4.00	Vent Fan (Single Duct); Vent System		
6.00	Appliance or Equipment Not Listed		
1.00	Diffusers (Supply and Return)		
4.00	Gas System 1-5 outlets)	PLAN CHECK FEE = ½ PERMIT FEE	
1.00	Gas System (6 or more outlets)	ENERGY FEE = 11% OF PERMIT FEE	
		ENERGY	3.30
		TOTAL	$25.30

ENERGY FEE — DEC-2-80 3 [illegible] 3.30
PLAN CHECK —
PERMIT FEE — DEC-2-80 3 [illegible] 22.00

Additional on interior improvement, OK. PL

1977 Saturn, Monterey Park

PERMIT NO. 15060

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

OWNER Lloyds Bank of California

ADDRESS 1977 Saturn

CONTRACTOR C. L. Peck Contractor

WORK COMP. 8-1-81 — LIC. NO. B

SPECIAL DISP. — DATE 3-6-81

123	OUTLETS		SURFACE MOULDING			MOTORS H. P.		POWER POLE	WORK PERMIT
45	FIXTURES				17	1 H.P.		SERVICE AMPS.	
	SWITCHES		MISC. CONDUITS		5	10 H.P.			
						MOTORS H. P.		POOL OR SPA SYSTEM	
					1	45 KVA			
					2	000 KVA BRANCH CCT.		SIGNS	FLASHER TIMER
	APPLIANCES		TEMPORARY SYSTEM						
25	APPLIANCES CCT.							JOB FINAL 3-17-81 PL	

10.00	PERMIT ISSUANCE FEE	10.00
123 10	OUTLETS, RECEPTICALS, SWITCHES, LIGHT FIXTURES, HOLDERS	82.50
45 each	SOCKETS, POLE, PLATFORM, MERCURY VAPOR	22.50
5.00	TEMPORARY: FESTOON, RECEPTICAL SYSTEMS	50.00
2.00	APPLIANCE CIRCUIT	
3.00	BRANCH CIRCUIT (OR BALLAST)	
4.00	BUSWAY SYSTEMS (EACH 100 FEET OR FRACTION)	
10.00	SIGN — (1) CCT (OR BALLAST)	
2.00	FLASHERS, TIMERS, MOTORS	
10.00	TEMPORARY POWER SERVICE (FIRST POLE)	
2.00	TEMPORARY POWER SERVICE (EACH ADDITIONAL POLE)	
7.50	MISCELLANEOUS CONDUITS & CONDUCTORS	
5.00	WORK-HRS PERMIT	
15.00	MAINTENANCE ELECTRICIAN — ANNUAL REGISTRATION	
15.00	EMERGENCY OR SPECIAL INSPECTIONS (PER HOUR)	
50.00	PRIVATE SWIMMING POOL OR SPA SYSTEMS	
	Each POWER APPARATUS - RATED H.P. - K.W. - K.V.A.	94.00
2.00	0 UP TO: 1 [illegible] 25.00	ENERGY 35.85
5.00	1 UP TO: 10 25.00	
10.00	10 UP TO: 100 10.00	TOTAL 274.85
	SERVICE (AND SUB-PANELS)	
12.50	UP TO 600 VOLTS AND 200 AMP.	
25.00	OVER 600 VOLTS AND 200 - 1000 AMP.	
50.00	OVER 600 VOLTS AND OVER 1000 AMP.	
	PLAN CHECK FEE = PERMIT FEE	ENERGY FEE = 10% OF PERMIT FEE

ENERGY P.C. —

PLAN CHECK —

PERMIT FEE — CHECK TL 274.85

DECLARATIONS

The Declarations below are executed by the State of California under Section 19825 of the Health and Safety Code. The additional cost of utilities and public agencies complying exactly by these requirements can only be passed on to the applicant at time are not recoverable under any other.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C10 License No. [redacted] 382955

Date 3-6-81 Contractor Kirkwood Electric

Kirkwood Electric Corporation (213)926-0519

CONTRACTOR (FIRM) — Phone

13723 E. 166th St., Cerritos, CA 90703

ADDRESS — City — Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P.C.) The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.) The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

Date _____ Owner _____

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WP80046337 Company Indemnity Co. Fremont

☐ Certified copy of thereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 3-6-81 Applicant [signature]

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Comp. provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X [signature] 3-6-81

Signature of Owner or Contractor ONLY — Date

Owner Verified By — City Lic. Verified By [signature]

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by state limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

DECLARATIONS

The Undersigned is/are licensed by the State of California under Section 7000 of the Health and Safety Code. The additional work of grading and/or construction presently covered by these supplementary sets only to extend as to the applicant or their on-call contractor's date for work.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C33 License No. 176064

Dated 2-81 Contractor So Calif Flagpole Co.

So Calif Flagpole Paint. 2578201
COMMERCIAL (S B A) Phone
4551 York Blvd Lyn. 90065
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code): Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.): The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.)

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

Date _____ Owner _____

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 44315-80 Company State Fund

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date _____ Applicant Ralph Lee Findley

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Ralph Lee Findley 1-12-81
Signature of Owner or Contractor ONLY Date

Owner Verified By | City Verified By

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days after work is commenced, this permit shall become null and void and fees forfeited. A signed inspection on job card will keep permit valid for up to more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT
320 West Newmark Ave., Monterey Park, California
BUILDING PERMIT APPLICATION

PERMIT NO. 12957

LEGAL DESCRIPTION LOT BLOCK TRACT
JOB ADDRESS 1917 Saturn ST
OWNER Lloyds Bank Phone
ADDRESS 1917 Saturn City Zip
ENGINEER Fox Engineering State Lic. 21543 Phone 7758
ARCH.-DESIGNER State Lic. Phone
CONTRACTOR: So Calif Flagpole 2578201 Phone

JOB DESCRIPTION: NEW X ADD DEMO FIRE
Install 30' exposed Aluminum Flagpole

BUILDING AREA GARAGE AREA SPKR SYS FIREPL MEZZ. BUILDINGS SQ. LOW
MATERIAL OF CONSTRUCTION EXT. WALLS ROOF FLOOR

JOB ADDRESS 1917 Saturn
APPROVED
ENERGY ANALYSIS NA PLAN CHECK Fbin APPROVED
BUILDING PERMIT APPROVED Tom L DATE

NO. UNITS BEDROOMS/UNIT PARKS & RECREATION FEE
DEMO. DPL. ___ AMT. DUE $ ___
PARKING PLOT PLAN
VALIDATION OF THIS APPLICATION INDICATES ONLY THAT A PERMIT MAY BE ISSUED AND DOES NOT GUARANTEE THAT THE WORK PROPOSED IS IN CONFORMANCE WITH THE CITY CODE

LOT	B-20
	—
	12.00
	.50
	—
TOTALS	18.70

MAP NO. ZONE
OCCUP. GROUP
CONST. TYPE
LOT SIZE
APPRVMTS
ENGINEERING
PLANNING
FIRE DEPT
WTR. COMP 3-31-81
FINAL INSPECTION 3-17-81 P.S.

JAN-12-81 380613 A-
JAN-12-81 380613 A-
JAN-12-81 380613 A-

CHANGES USE ONLY
PLAN CHECK
ENERGY
PLUMBING
ELECTRIC
MECHANICAL
PLAN STORAGE

DECLARATIONS

The Subscription herein was furnished by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and postage applicable hereto caused by State requirements was only be passed on to the applicant or they are not obliged to pay the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class 953 License No. 244236

Date 1-5-81 Contractor KITOOR CORPORATION

KITOOR CORPORATION	875-2820
CONTRACTOR (DBA)	Phone
9939 Glenoaks Blvd.	
Sun Valley, Calif. 91352	
ADDRESS City	Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exempt from the Contractor's License Law because I am employing only contractors with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ___ B. & P. C. for this reason:

Date ___ Owner ___

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.). State Comp. Ins. Fund

Policy No. 157589-81 Company

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety. Will send direct.

Date 1-5-81 Applicant KITOOR CORPORATION

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date ___ Applicant ___

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name ___

Lender's Address ___

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

1-5-81

Signature of Owner or Contractor ONLY Date

Owner Verified By	City Lic. Verified By

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

Job Address 1977 Belvue St., Monterey Park

☐ DWLG ☐ APTS ☒ COMM ☐ ALTER ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
MECHANICAL — RECEIPT — PERMIT

PERMIT NO. 01359

OWNER Lloyds Bank Calif. 613-2000

ADDRESS 612 S. Flower St., L.A. 90017

CONTRACTOR KITOOR CORPORATION 875-2820

WORK COMP State Comp. Ins. Fund

SPECIAL BOND

DATE 1-20-81

	FURNACE B. T. U.		APPLIANCE VENT		FIREPLACE		EVAPORATIVE COOLER		WORK PERMIT
			AIR HANDLER C F M.	2	HOOD		POOL HEATER B. T. U.		
	A. C. COMP. SIZE								
			VENT FAN						
			VENT SYSTEM						
			DIFFUSERS REGISTERS		GAS VENT		GAS SYSTEM		
			FIRE DAMPERS				JOB FINAL	3-17-81 PS	

X 10.00	Permit Issuance Fee.	ALL FEES ARE PER "EACH"	10 —
6.00	All Furnaces up to: 100M B. T. U. (w/Vent)		
10.00	All Furnaces OVER 100M B. T. U. (w/Vent)		
4.00	Appliance Vent (New, Replace, Relocate)		
6.00	Heater: Refrig.; Absorp. System/Unit (New/Alter)		
6.00	Comp./Boiler up to: 3 H.P./100M		
12.00	Comp./Boiler OVER 3-15 H.P./OVER 100M - 500M		
20.00	Comp./Boiler OVER 15-30 H.P./OVER 500M - 1000M		
30.00	Comp./Boiler OVER 30-50 H.P./OVER 1000M - 1750M		
40.00	Comp./Boiler OVER 50 H.P./OVER 1750M		
5.00	Air Handler up to and including 10M C. F. M.		
10.00	Air Handler OVER 10M C. F. M.		
6.00	Evaporative Cooler (Permanent)		
4.00	Vent Fan (Single Duct); Vent System		ENERGY 12.00
4 6.00	Appliance or Equipment Not Listed		
1.00	Diffusers (Supply and Return)		TOTAL
4.00	Gas System 1-5 outlets)	X PLAN CHECK FEE = ½ PERMIT FEE ENERGY FEE = 10% OF PERMIT FEE	22.00
1.00	Gas System (6 or more outlets)		

ENERGY P.C. —

PLAN CHECK —

PERMIT FEE — JAN 21 81 501467

DECLARATIONS

The Declarations below are required by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Bus. & Professions Code and my license is in full force and effect.

License Class C-36 License No. 426603

Date 3-5-81 Contractor W.W. Price & Co. Inc.

W.W. PRICE & COMPANY 283-2121
CONTRACTOR (DBA) Phone
516 S. PALM, ALHAMBRA 91803
Address City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code): Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

Date _____ Owner _____

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WCP 310859 Company ALLIANZ

☒ Certified copy is hereby furnished. ON FILE

☐ Certified copy is filed with the Department of Building & Safety.

Date 3-5-81 Applicant W.W. Price & Co. Inc.

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name NONE KNOWN

Lender's Address _____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of the City to enter upon the above-mentioned property for inspection purposes.

W.W. Price & Co. Inc. 3-5-81
Signature of Owner or Contractor (AGENT) Date

Owner Verified By: _____ City Lic. Verified By: _____

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become void and void by state limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

SUPPLEMENTARY - ORIGINAL PERMIT No. K4116

JOB ADDRESS: LL Kids Klinic 1877 Sahler
McCaslin Plaza

☐ DWLG ☐ APTS ROOMS ☐ ALTR ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
PLUMBING — RECEIPT — PERMIT

PERMIT NO. 17554

OWNER Lloyds Bank (original 1993 Atlas)
ADDRESS McCaslin Plaza, Monterey Park
CONTRACTOR W.W. Price & Co. Inc. [redacted] R.B.
WORK COMP. Allianz Insurance Co.
SPECIAL INSP. DATE 2-5-81

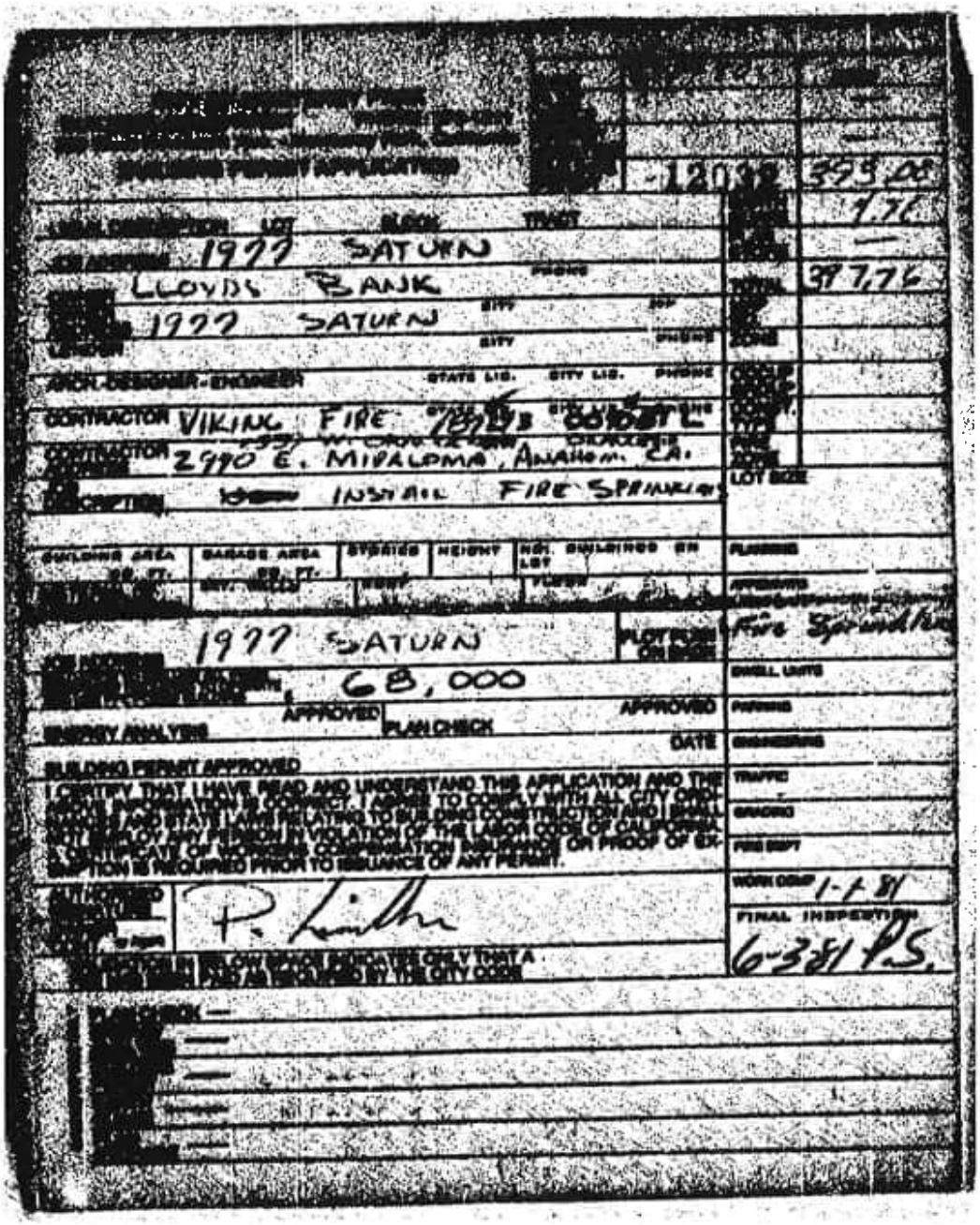
PERMIT FEE	234.00
PLAN CHECK FEE	
ENERGY FEE	35.10
TOTAL FEES	269.10

7	TOILET	1	DISHWASHER		YARD SPRINKLER	7	P-TRAP		WORK PERMIT
	TUB	2	DISPOSAL				POOL FILTER		
	SHOWER	1	WATER HEATER				POOL PIPING	1	DRINK FTN.
6	SINK				SEWER CONN		POOL OR SPA SYSTEM		RAINWATER SYSTEM
7	LAVATORY	3	BACK-FLO PREV		SEWER CAP				
	WASHER				SEWER EXT.		GAS SYSTEM		
1	URINAL	12	FLOOR SINK		SEWER SYSTEM		JOB FINAL 3-17-81 PS.		

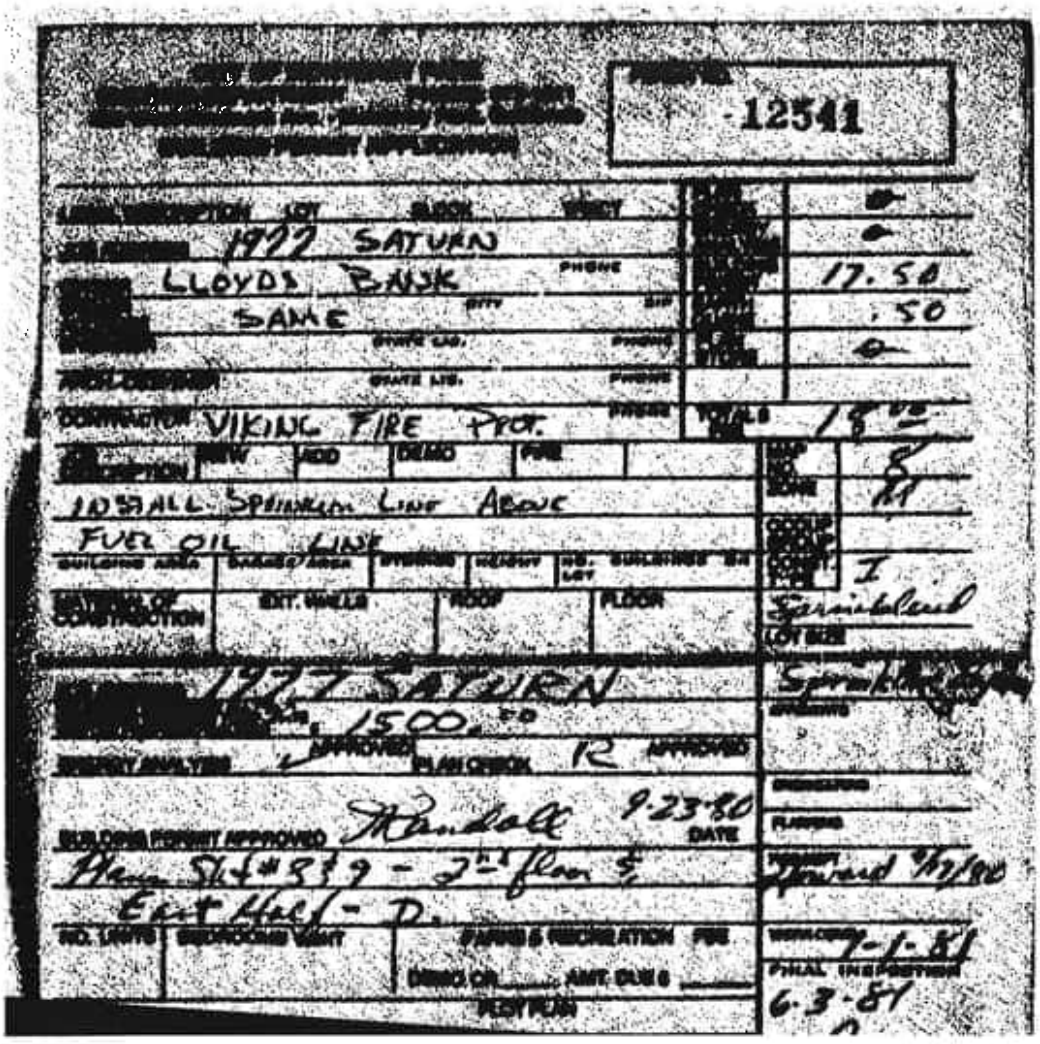
10.00	Permit Issuance Fee		10	00
4.00	Toilet; Urinal; Tub, Shower	8	32	00
4.00	Sink; Lavie; Laundry Tray; Floor Sink	35	140	00
4.00	Dishwasher; Clothes Washer; P-Trap	8	32	00
4.00	Drinking Fountain; Water Treatment Equipment	1	4	00
4.00	Install; Repair; Alter; Waterpiping; Water Heatr	1	4	00
4.00	Install; Repair; Alter; Drain or Vent Piping			
4.00	Gas System or Backflow Preventers (1-5 outlets)	3	12	00
1.00	Gas System or Backflow Preventers (6 or more)			
4.00	Pool Filter System; Pool Water Piping			
4.00	Rainwater System Per Drain			
6.00	Yard Sprinkler System (per meter)			
8.00	Commercial Grease Trap; Industrial Waste Interceptor			
5.00	Sewer Cap; Sewer Extension; Trailer Park Trap		ENERGY 35	10
15.00	Sewer Connection to Main			
20.00	Sewer System (Private)		TOTAL	
20.00	Private Pool or Spa System		269	10

PLAN CHECK FEE = ½ PERMIT FEE ENERGY FEE = 10% OF PERMIT FEE

ENERGY P.C. — This permit covers restaurant and interior improvements
PLAN CHECK —
PERMIT FEE —



- 12088
395.08
1.76
—
397.76
LOT
BLOCK
TRACT
1977 SATURN
LLOYDS BANK
1977 SATURN
CITY
ZIP
PHONE
STATE LIC.
CITY LIC.
CONTRACTOR VIKING FIRE
CONTRACTOR'S ADDRESS 2990 E. MIRALOMA, ANAHEIM, CA.
DESCRIPTION OF WORK INSTALL FIRE SPRINKLERS
LOT SIZE
BUILDING AREA SQ. FT.
GARAGE AREA SQ. FT.
STORIES
HEIGHT
NO. BUILDINGS ON LOT
PLUMBING
APPROVED
1977 SATURN
PLOT PLAN OR SITE
Fire Sprinkler
68,000
SHELL UNITS
APPROVED
PLAN CHECK
DATE
PIPING
ENGINEERING
BUILDING PERMIT APPROVED
I CERTIFY THAT I HAVE READ AND UNDERSTAND THIS APPLICATION AND THE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY ORDINANCES AND STATE LAWS RELATING TO BUILDING CONSTRUCTION AND I SHALL NOT EMPLOY ANY PERSON IN VIOLATION OF THE LABOR CODE OF CALIFORNIA. A CERTIFICATE OF WORKERS' COMPENSATION INSURANCE OR PROOF OF EXEMPTION IS REQUIRED PRIOR TO ISSUANCE OF ANY PERMIT.
TRAFFIC
GRADING
FIRE DEPT
WORK COMP 1-1-81
FINAL INSPECTION
6-3-81 P.S.
P. Linton
SIGNATURE OF OWNER OR AUTHORIZED AGENT
THIS PERMIT BECOMES NULL AND VOID IF WORK OR CONSTRUCTION AUTHORIZED IS NOT COMMENCED WITHIN 180 DAYS, OR IF CONSTRUCTION OR WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AT ANY TIME AFTER WORK IS COMMENCED. I HEREBY AFFIRM THAT I AM LICENSED UNDER PROVISIONS OF CHAPTER 9 (COMMENCING WITH SECTION 7000) OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE AND MY LICENSE IS IN FULL FORCE AND EFFECT. I AM EXEMPTING THIS PERMIT FROM THE WORKERS' COMPENSATION PROVISIONS OF THE LABOR CODE FOR THE REASON INDICATED BELOW:
I HAVE AND WILL MAINTAIN A CERTIFICATE OF CONSENT TO SELF-INSURE FOR WORKERS' COMPENSATION, ISSUED BY THE DIRECTOR OF INDUSTRIAL RELATIONS.
I HAVE AND WILL MAINTAIN WORKERS' COMPENSATION INSURANCE, AS REQUIRED BY SECTION 3700 OF THE LABOR CODE, FOR THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED.
I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, I SHALL NOT EMPLOY ANY PERSON IN ANY MANNER SO AS TO BECOME SUBJECT TO THE WORKERS' COMPENSATION LAWS OF CALIFORNIA.
I HEREBY AFFIRM THAT I HAVE A CERTIFICATE OF CONSENT TO SELF-INSURE OR A CERTIFICATE OF WORKERS' COMPENSATION INSURANCE, OR AN EXEMPTION FROM THE WORKERS' COMPENSATION LAWS OF CALIFORNIA.



12541

1977 SATURN

LLOYDS BANK

SAME

VIKING FIRE PROT.

10" ALL SPRINKLER LINE ABOVE

FUEL OIL LINE

1977 SATURN

1500 P.D.

APPROVED

R APPROVED

9-23-80 DATE

Heat Det #339 - 2nd floor S

East Half - D

17.50

.50

0

18.00

8

11

I

Sprinklered

Sprinklered

Approved 9/17/80

7-1-81

6-3-81

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class C-16 License No. 187273

EXP Date ~~9-30-80~~ 9-30-81 Contractor VIKING FIRE PROT.

VIKING FIRE PROT. 714 632-6905

CONTRACTOR (DBA) Phone

2[illegible] E. MIRALOMA ANAHEIM CA.

Address City Zip 92806

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9 (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt thereform and the basis for the alleged exemption. Any violation of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ____ B. & P. C. for this reason: ____

Date ____ Owner ____

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC 427-71-64 Company CROSBY & HENRY

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 9-23-80 Applicant [signature]

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ____ Applicant ____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name ____

Lender's Address ____

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X [signature] 9-23-80

Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:
	[signature]

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO. 12511

LEGAL DESCRIPTION	LOT	BLOCK	TRACT	PLAN CHECK	0
JOB ADDRESS	1977 SATURN			ENERGY ANALYSIS	0
OWNER	LLOYDS BANK		PHONE	BUILDING PERMIT	17.50
OWNER ADDRESS	SAME	CITY	ZIP	EARTH QUAKE	.50
ENGINEER		STATE LIC.	PHONE	PLAN STORE	0
ARCH.-DESIGNER		STATE LIC.	PHONE		
CONTRACTOR	VIKING FIRE PROT.		PHONE	TOTAL $ FEE	18.00

JOB DESCRIPTION	NEW	ADD	DEMO	FIRE	
INSTALL SPRINKLER LINE ABOVE FUEL OIL LINE					

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION	EXT. WALLS	ROOF	FLOOR

JOB ADDRESS 1977 SATURN

VALUATION TO INCLUDE ALL FIXED EQUIPMENT ALLOWED TO OPERATE AND USE PROPOSED BUILDING $ 1500.00

ENERGY ANALYSIS APPROVED PLAN CHECK R APPROVED

BUILDING PERMIT APPROVED [signature] DATE 9-23-80

Plan Sht #3 & 9 - 2nd floor & East Half - D.

NO. UNITS	BEDROOMS/UNIT	PARKS & RECREATION FEE
		DEMO CR____ AMT. DUE $ ____

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

MAP NO.	8
ZONE	M1
OCCUP GROUP	
CONST. TYPE	I Sprinklered
LOT SIZE	
AFFIDAVITS	
ENGINEERING	
PLANNING	
FIRE DEPT.	Approved 9/17/80
WORK COMP.	1-1-81
FINAL INSPECTION	

CASHIER'S USE ONLY

PLAN CHECK			
ENERGY ANALYSIS			
BUILDING PERMIT	SEP-23-80	3715[illegible]	[illegible]
EARTH QUAKE	SEP-23-80	3715[illegible]	[illegible]
PLAN STORAGE			

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

MECH030042

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **CAL-AIR INC**
MIDDLETON, C S CEO
12393 SLAUSON AVE
WHITTIER, CA 90606
Phone: 562 698-8301

Architect:
Phone:
License:

Contractor: **CAL-AIR INC**
MIDDLETON C S CEO
12393 SLAUSON AVE
WHITTIER, CA 90606
Phone: 562 698-8301
License: 137195

Owner: **SANWA BANK**
Phone: 213-727-6357

Valuation: **$0.00**
Project Floor Area:
Stories

Fire Sprinklers:
Air Conditioning:

Work Description:
MECH FOR OFFICE T.I.

Total Fees:	**$415.00**
Paid Amount:	**$415.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

ELEC030075

Alteration-Repair

Inspection Hotline: (626) 307-1229
Inspector Area: 02

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539 8956

Architect:
Phone
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956
License: 617078

Owner: **SANWA BANK**
Phone: 213 727 6357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
ELEC FOR BANK OFFICES T.I.

Total Fees:	**$93.00**
Paid Amount:	**$93.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

ELEC030074

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **04**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956

Architect:
Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956
License: 617078

Owner: **SANWA BANK**
Phone: 213-727-8357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
ELEC FOR OFFICE T.I.

Total Fees:	**$131.00**
Paid Amount:	**$131.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

COMB030065

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **SHLEMMER+KAMUS+ALGAZE**

Phone: 310 553-3252

Architect:

Phone:
License

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956
License: 617078

Owner: **SANWA BANK**

Phone: 213-727-6357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers
Air Conditioning: **Y**

Work Description:
T.I. **FOR OFFICES OF CORPORATE SECURITY FOR BANK OFTHE WEST; N.B.PARTITION WALLS; T-BAR CEILING & LTG**

Total Fees:	**$692.85**
Paid Amount:	**$692.85**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

BLDG030094

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Expired Permit**
Application Type: **Non-Residential**

Applicant: **SHLEMMER+KAMUS+ALGAZE**
9911 WEST PICO BLVD, #400
LOS ANGELES CA 90035
Phone: 310 553-3252

Architect
Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12352 GARDEN GROVE BLVD
Phone: 714 539-8956
License: 617078

Owner: **SANWA BANK**
Phone:

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning **Y**

Work Description:
T.I. ALTERATIONS FOR (E)OFFICE AREA. INCLUDING (N)N.B.PARTITION WALLS & T-BAR CEILING; TILES & LTG.

Total Fees:	**$1,757.60**
Paid Amount:	**$1,757.60**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

BLDG030093

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **SHLEMMER+KAMUS+ALGAZE**
8911 WEST PICO BLVD. #400

LOS ANGELES, CA 90035
Phone: 310 553-3252

Architect:

Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956
License: 517078

Owner: **SANWA BANK**

Phone: 213-727-8357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning: **Y**

Work Description:
T.I. ALTERATIONS FOR (E)OFFICE AREA. INCLUDING (N)N.B.PARTITION WALLS & T-BAR CEILING; TILES & LTG.

Total Fees:	**$1,207.35**
Paid Amount:	**$1,207.35**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

MECH030018

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **CAL-AIR INC**
MIDDLETON, C S CEO
12393 SLAUSON AVE
WHITTIER CA 90606
Phone: 562 698-8301

Architect:

Phone:
License:

Contractor: **CAL-AIR INC**
MIDDLETON, C S CEO
12393 SLAUSON AVE
WHITTIER CA 90606
Phone: 562 698-8301
License: **137195**

Owner: **SANWA BANK**

Phone: 213 727-6357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
MECH T.I. FOR DOCUMENT CENTER RELATED TO B030005

Total Fees:	**$111.00**
Paid Amount:	**$111.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

ELEC030027

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone 714 539-8956

Architect:
Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone 714 539-8956
License 617078

Owner **SANWA BANK**
Phone: 213-727-6357

Valuation **$0.00**
Project Floor Area
Stories:

Fire Sprinklers:
Air Conditioning

Work Description:
ELEC WORK FOR T.I.

Total Fees:	**$99.00**
Paid Amount:	**$99.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

BLDG030005

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **SHLEMMER+KAMUS+ALAZE**
9911 W PICO BLVD, #400

LOS ANGELES, CA 90035
Phone: 310 553 3252

Architect:

Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956
License: 617078

Owner: **SANWA BANK**

Phone: 213-727-6357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning: **Y**

Work Description:
T.I. FOR (E) DOCUMENT CENTER OF BANK. SEPARATE. RUSH SERVICE.

AFFECTED AREA: 2,584 SF. ELEC & MECH,

Total Fees:	**$2,807.81**
Paid Amount:	**$2,807.81**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

ELEC010173

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant **SIERRA GROUP**
560 RIVERDALE DR

GLENDALE CA 91204
Phone 818 637 2888

Architect:

Phone:
License:

Contractor **SIERRA GROUP**
560 RIVERDALE DR

GLENDALE, CA 91204
Phone 818 637-2888
License 749452

Owner. **SANWA BANK**

Phone 213-727-6357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers
Air Conditioning

Work Description:
ELECTRICAL FIXTURES & ALTERATIONS FOR OFFICE T.I.

Total Fees:	**$51.00**
Paid Amount:	**$51.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

MECH010113
Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **AIR MECHANICAL INC**
TODORA, TONY PRES
14208 S TOWNE AVE
LOS ANGELES, CA 90061
Phone: 310-538-4750

Architect:
Phone:
License:

Contractor **AIR MECHANICAL INC**
TODORA, TONY PRES
14208 S TOWNE AVE
LOS ANGELES, CA 90061
Phone 310-538-4750
License 372794

Owner: **SANWA BANK**
Phone 213-727-6357

Valuation **$0.00**
Project Floor Area
Stories.

Fire Sprinklers
Air Conditioning.

Work Description:
MECH EQUIPMENT FOR BANK OFFICE T.I.

Total Fees:	**$99.00**
Paid Amount:	**$99.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

ELEC010163

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956

Architect:

Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956
License: 617078

Owner: **SANWA BANK**

Phone: 213-727-8357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
ELECTRICAL ALTERATIONS FOR BANK OFFICE T.I.

Total Fees:	**$59.00**
Paid Amount:	**$59.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

BLDG010240
Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **SIERRA GROUP**

Phone: 818 637-2688

Architect:

Phone:
License:

Contractor: **SIERRA GROUP**
560 R VERDALE DR

GLENDALE, CA 91204
Phone: 818 637-2688
License: 749452

Owner: **SANWA BANK**

Phone: 213-727-6357

Valuation: **$55,200.00**
Project Floor Area:
Stories

Fire Sprinklers:
Air Conditioning **Y**

Work Description:
T.I. FOR PRINT SHOP INCLUDING T-BAR CEILING & NON-BEARING PARTITION WALLS. E/M/P SEPARATE PC/PERMITS

Total Fees:	**$1,018.60**
Paid Amount:	**$1,018.60**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

ELEC010032

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area:

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Residential**

Applicant: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J E PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956

Architect:

Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J E PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956
License: 677078

Owner: **SANWA BANK**

Phone: 213-727-6357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description
ELECTRICAL FIXTURES

Total Fees:	**$30.00**
Paid Amount:	**$30.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

BLDG010039

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area:

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **JOHN RUHLEN, PRESIDENT**
8936 SOUTH SEPULVEDA BLVD.
#204

Phone: 310-641-4504

Architect:

Phone:
License:

Contractor:

Phone:
License:

Owner: **SANWA BANK**

Phone: 213-727-6357

Valuation: **$97,720.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning: **Y**

Work Description:
INTERIOR ALTERATION FOR SANWA BANK

Total Fees:	**$1,278.84**
Paid Amount:	**$1,278.84**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

BLDG000099

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **04**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **WILSON CONSTRUCTION COMPANY**
12382 GARDENGROVE BLVD

Phone: 714 539-8956

Architect:

Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone 714 539-8956
License 517078

Owner: **SANWA BANK**

Phone 213-727-6357

Valuation **$17,360.00**
Project Floor Area
Stories:

Fire Sprinklers
Air Conditioning: **Y**

Work Description:
ENLARGE PHOTO ROOM & GUARD STATION ON "B" LEVEL RENEWAL-06/06/01 SH

Total Fees:	**$607.86**
Paid Amount:	**$607.86**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

ELEC990065

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **03**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539 8956

Architect:
Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956
License: 817075

Owner: **SANWA BANK**
Phone: 213-727-6357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
ELECTRICAL ALTERATIONS FOR UNISEX BATH

Total Fees:	**$27.00**
Paid Amount:	**$27.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

PLMB980171

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area:

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **JOHN RUHLEN**
8936 SO. SEPULVEDA BLVD #204

LOS ANGELES, CA 90045
Phone: 310-641-4504

Architect:

Phone:
License:

Contractor: **BASS & SONS PLUMBING**
10041 BONSEL AVE
GARDEN GROVE
GARDEN GROVE, CA 92840
Phone: 714 534-5403
License: 270215

Owner: **SANWA BANK**

Phone: 213-727-6357

Valuation **$0.00**
Project Floor Area
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
PLMBING ALTERATIONS/FIXTURES FOR BANK T.I.

Total Fees:	**$75.00**
Paid Amount:	**$75.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

BLDG980597
Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **03**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **JOHN RUHLEN**
8936 SO. SEPULVEDA BLVD #204
LOS ANGELES, CA 90045
Phone: 310-641-4504

Architect:
Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB JR PRES
12382 GARDEN GROVE BLVD
Phone: 714-539-8956
License: 617078

Owner: **SANWA BANK**
Phone: 213-727-8357

Valuation: **$7,140.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning: **Y**

Work Description:
T.I. ALTERATIONS TO SANWA BANK A-LEVEL VAULT AREA- UNISEX TOILET & STORAGE ROOM.

Total Fees:	**$411.46**
Paid Amount:	**$411.46**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

ELEC980232

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **03**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Issued**
Application Type: **Non-Residential**

Applicant: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956

Architect:
Phone:
License

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
12382 GARDEN GROVE BLVD
Phone: 714 539-8956
License: 617078

Owner: **SANWA BANK**
Phone: 213-727-6357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning

Work Description:
EELEC. ALTERATIONS FOR SANWA BANK T.I.

Total Fees:	**$35.00**
Paid Amount:	**$115.00**
Balance:	**$-80.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

BLDG980473

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **03**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **JOHN RUHLEN (ARCHITECT)**
8936 S SEPULVEDA BLVD #204

LOS ANGELES, CA 90045
Phone: 310 641-4504

Architect:

Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON BOB J II PRES
12352 GARDEN GROVE BLVD
Phone: 714 539-8956
License: 617078

Owner: **SANWA BANK**

Phone: 213-727-6357

Valuation: **$97,850.00**
Project Floor Area:
Stories

Fire Sprinklers:
Air Conditioning **Y**

Work Description:
T.I. ALTERATIONS FOR SANWA BANK

Total Fees:	**$1,416.73**
Paid Amount:	**$1,416.73**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

COMB970110

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **03**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **JOHN RUHLEN & ASSOC.**
8936 S SEPULVEDIA BLVD#204

LOS ANGELES, CA 90045
Phone: 310-641-4504

Architect:

Phone:
License

Contractor:

Phone:
License:

Owner: **SANWA BANK**

Phone: 213-727-6357

Valuation: **$44,080.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning: y

Work Description:
T.I;ADD OFFICE;ADD NB WALL TO ENCLOSE FILE RM

Total Fees:	**$1,101.75**
Paid Amount:	**$886.75**
Balance:	**$215.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

ELEC970007

Alteration-Repair

Inspection Hotline (626) 307-1229
Inspector Area 02

Job Address: **1977 SATURN ST**

APN. **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
13311 GARDEN GROVE BLVD #C
Phone

Architect:
Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
13311 GARDEN GROVE BLVD #C
Phone:
License: 617078

Owner: **LLOYDS BANK CALIFORNIA**
PO BOX 54138
LOS ANGELES, CA 90054-0138
Phone:

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
ELEC ALTERATIONS PER T.I.

Total Fees:	**$57.00**
Paid Amount:	**$57.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

BLDG960162

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **03**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant **WILSON CONST. CO**

Phone 714 748 1452

Architect:

Phone:
License:

Contractor **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
13311 GARDEN GROVE BLVD #C
Phone 714-748-1452
License 517078

Owner. **SANWA BANK OF CALIFORNIA**
1977 SATURN ST
MONTEREY PARK CA 91755
Phone

Valuation **$0.00**
Project Floor Area
Stories.

Fire Sprinklers
Air Conditioning: **Y**

Work Description:
T.I.;C-LEVEL

Total Fees:	**$552.10**
Paid Amount:	**$552.10**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

BLDG960161

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **03**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires:
Status: **Final**
Application Type: **Non-Residential**

Applicant: **WILSON CONST CO**

Phone: 714-748-1452

Architect:

Phone:
License:

Contractor: **WILSON CONSTRUCTION COMPANY**
WILSON, BOB J II PRES
13311 GARDEN GROVE BLVD #C
Phone: 714-748 1452
License: 517078

Owner: **SANWA BANK OF CALIFORNIA**
1977 SATURN ST

MONTEREY PARK, CA 91755
Phone:

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning: **Y**

Work Description:
T.I.:**PARTITIONS;RELOCATE [E] LIGHTS**

Total Fees:	**$1,078.15**
Paid Amount:	**$1,078.15**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B03-0692
Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires: **11/06/2004**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **CABRAL ROOFING & WATERPROOFING CORP**
815 W. OLYMPIC BLVD.

Phone: 323 832 9100

Architect:

Phone
License

Contractor: **CABRAL ROOFING & WATERPROOFING CORP**
815 W. OLYMPIC BLVD.

Phone: 323 832 9100
License: 745649

Owner: **SANWA BANK**

Phone 213-727-8357

Valuation: **$250,000.00**
Project Floor Area:
Stories:

Fire Sprinklers
Air Conditioning:

Work Description:
T.O. & REROOF W/1000 SQS OF PVC RR 24852.

Total Fees:	**$4,121.00**
Paid Amount:	**$4,121.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B05-0714
New

Inspection Hotline: (626) 307-1229
Inspector Area: **01**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires: **06/09/2006**
Status: **Final**
Application Type: **Non-Residential**

Applicant: **MONARCH MECHANICAL**
KING, ROSCOB PRES
1300 GARDENA AVE
GLENDALE, CA 91204
Phone: 626 446 6121

Architect:
Phone
License.

Contractor: **MONARCH MECHANICAL**
KING, ROSCOB PRES
1300 GARDENA AVE
GLENDALE, CA 91204
Phone: 626 446-6121
License: 417661

Owner: **SANWA BANK**
Phone: 213-727-6357

Valuation: **$0.00**
Project Floor Area:
Stories.

Fire Sprinklers:
Air Conditioning:

Work Description:
ATF WATER HEATER FOR "BANK OF THE WEST"

Total Fees:	**$107.00**
Paid Amount:	**$107.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B06-1076
Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **02**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires: **08/10/2007**
Status: **Expired Permit**
Application Type: **Non-Residential**

Applicant **PETCON TECHNOLOGIES, INC.**
141'8 S. INGLEWOOD AVE
HAWTHORNE, CA 90250
Phone 310 679-9991

Architect:
Phone:
License:

Contractor **PETCON TECHNOLOGIES, INC.**
141'8 S. INGLEWOOD AVE
HAWTHORNE, CA 90250
Phone 310 679-9991
License 875998

Owner: **SANWA BANK**
Phone: 213-727-6357

Valuation: **$0.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
(1) ELEC CONDUIT FOR LOW VOLTAGE WIRING FOR SUMP SENSORS, CHARGED (3) RECEPTACLES. NO PLANS REQUIRED PER PH

Total Fees:	**$36.00**
Paid Amount:	**$36.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B06-1232
Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area: **01**

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued:
Permit Expires: **08/31/2007**
Status: **Expired Permit**
Application Type: **Non-Residential**

Applicant: **PETCON TECHNOLOGIES, INC.**
14118 S. INGLEWOOD AVE.
HAWTHORNE, CA 90250
Phone: 310 679-9991

Architect
Phone
License

Contractor: **PETCON TECHNOLOGIES, INC.**
14118 S. INGLEWOOD AVE
HAWTHORNE, CA 90250
Phone: 310 679-9991
License: 675998

Owner: **SANWA BANK**
Phone: 213-727-6357

Valuation: **$0.00**
Project Floor Area:
Stories

Fire Sprinklers:
Air Conditioning

Work Description:
REPLACE DIESEL LINES FOR GENERATOR.

Total Fees:	**$81.00**
Paid Amount:	**$81.00**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B18-1059
Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area:

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued: **10/04/2018**
Permit Expires: **04/02/2019**
Status: **Issued**
Application Type: **Non-Residential**

Applicant:
6083 Bristol Pky

Culver City, CA 90230
Phone: 310-553-3252

Architect: **NELSON ALGAZE**
6083 Bristol Pky

Culver City, CA 90230
Phone:310-553-3252
License:21093

Contractor: **ESPLANADE BUILDERS INC.**
JULIAN ALONSO
23820 HAWTHORNE BLVD. STE
100/101
Phone: 310 783 7664
License. 831964

Owner: **1977 SATURN LLC**
10900 4TH ST NE UNIT 500

BELLEVUE, WA 98004
Phone:

Valuation: **$21,785.26**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description
INTERIOR DEMO NOT FOR OCCUPANCY
6594 SQ. FT. OF TOTAL AREA FOR LEVEL A

Total Fees:	**$1,224.85**
Paid Amount:	**$1,224.85**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B18-1060
Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area:

Job Address: **1977 SATURN ST**

APN: **5265026064**

Permit Issued: **10/04/2018**
Permit Expires: **04/02/2019**
Status: **Issued**
Application Type: **Non-Residential**

Applicant:
6083 Bristol Pky

Culver City, CA 90230
Phone: 310-553-3252

Architect: **NELSON ALGAZE**
6083 Bristol Pky

Culver City, CA 90230
Phone:310-553-3252
License:21090

Contractor: **ESPLANADE BUILDERS INC.**
JULIAN ALONSO
23820 HAWTHORNE BLVD. STE
100/101
Phone: 310 783 7564
License: 831964

Owner: **1977 SATURN LLC**
10900 4TH ST NE UNIT 500

BELLEVUE, WA 98004
Phone:

Valuation: **$148,889.05**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
INTERIOR DEMO NOT FOR OCCUPANCY
45,066 SQ. FT. OF TOTAL AREA FOR LEVEL C

Total Fees:	**$4,861.89**
Paid Amount:	**$4,861.89**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B19-0110
Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area:

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued: **02/22/2019**
Permit Expires: **08/21/2019**
Status: **Issued**
Application Type: **Non-Residential**

Applicant:
3547 ROSE AVENUE

LONG BEACH, CA 90807
Phone: 310-908-8597

Architect:

Phone:
License:

Contractor: **JPD ELECTRIC**
3547 ROSE AVENUE

LONG BEACH, CA 90807
Phone: (562) 989 9505
License: 1024559

Owner: **1977 SATURN LLC**
10900 4TH ST NE UNIT 500

BELLEVUE, WA 98004
Phone: 310-783-7664

Valuation: **50.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Air Conditioning:

Work Description:
LIGHT FIXTURE INSTALLATION (80)
FOR WHITE BOX SHELL

Total Fees:	**$661.81**
Paid Amount:	**$661.81**
Balance:	**50.00**

UNIT BREAKDOWN FOR B19-0110

4.00	Receptacle/Switch/Junction Box/Other Outlet
80.00	Lighting Fixture/Sockets or Other Lamp-Holding Devices

Job Address 1977 Jackson Date 6-2-80

Owner's Name Lloyds Bank

Contractor C R Peck

House Sewer Con. Inspected by Johnnigan

Inspection Date 6-2-80

Size of Line 6"

Type of Pipe Clay

Cesspool or Septic Tank Filled Date Filled

Sewer Cap Inspected by Date Inspected

rm 1-78 arnolds

ADDRESS: 1977 SATURN STREET

JOB DESC: SEWER CONNECTION

LATH/L. GR. | ISSUED BY: JOHN C

ENERGY CHECK NO.

MONTEREY PARK BUILDING DEPARTMENT
PLUMBING — RECEIPT — PERMIT

PERMIT NO. 016686

ENERGY FEE

OWNER LLOYDS BANK OF CALIF. PHONE

PERMIT FEE 20.00

ADDRESS 1977 SATURN ST. CITY MONTEREY PARK TOTAL $ 20.00

CONTRACTOR C. A. PECK PHONE 361-6211 JOB FINAL

ADDRESS 3403 WILSHIRE BLVD CITY LOS ANGELES STATE LIC. CITY LIC. WORK COMP. W-1-58

☐ DWLG ☐ APTS ☑ COMM. ☐ ALTNS ☐ REPAIR ☐ AUTHORIZED SIGNATURE Victor Kelly

TOILET		LAVATORY		GAS SYSTEM		BACK-FLO PREV.		
TUB		WASHER		SEWER CONN.	X	P-TRAP		
SHOWER		DISHWASHER		SEWER CAP		POOL FILTER		
SINK		WATER HEATER		YD. SPRINKLER		POOL P/PING		

ENG. P.C.

PERMIT FEE JOB COPY — JUN-2-60

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-1 License No. 188629

EXP Date 12-31-81 Contractor PACIFIC BUILDING INTERIORS, INC.

PACIFIC BUILDING INT. 223-1124
CONTRACTOR (D B A) Phone

5363 ALHAMBRA AVE L.A. 90032
DRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9 (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC1-116097-C Company MISSION INS.

☒ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 8-5-81 Applicant Neden L. Bozel

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption you should become subject to the Worker's Comp. provisions of the Labor Code You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097 Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Neden L. Bozel 8-5-81
Signature of Owner or Contractor ONLY Date

Owner Verified By: City Lic. Verified By: New

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211
320 West Newmark Ave. - Monterey Park, California
BUILDING PERMIT APPLICATION

PERMIT NO 13073

LEGAL DESCRIPTION LOT BLOCK TRACT

JOB ADDRESS 1977 SATURN ST.

OWNER LLOYDS BANK CALIF. PHONE 727-3244

OWNER ADDRESS 1977 SATURN ST. CITY ZIP

ENGINEER M.L. FISTLER STATE LIC. 27516 PHONE

ARCH.-DESIGNER NONE STATE LIC. PHONE

CONTRACTOR PACIFIC BUILDING INTERIORS 223-1124

PLAN CHECK	10.66
ENERGY ANALYSIS	-0-
BUILDING PERMIT	13.00
EARTH QUAKE	.50
PLAN STORE	-0-
TOTAL $ FEE	24.16

JOB DESCRIPTION: NEW X | ADD | DEMO | FIRE

MASONARY 4'HT X 234'± (Retaining Wall at West PL)

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION: CONCRETE | EXT WALLS CONCRETE | ROOF — | FLOOR —

JOB ADDRESS 1977 SATURN ST.

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 1200.00

ENERGY ANALYSIS NA APPROVED | PLAN CHECK JR APPROVED

BUILDING PERMIT APPROVED JRandall DATE 8-5-81

MAP NO.	8
ZONE	M
OCCUP GROUP	
CONST. TYPE	V
LOT SIZE	
AFFIDAVITS	
ENGINEERING	—
PLANNING	—
FIRE DEPT	—
WORK COMP	7-1-82
FINAL INSPECTION	9-14-81 P.S.

NO. UNITS — | BEDROOMS/UNIT — | PARKS & RECREATION FEE — | DEMO CR — AMT DUE $ —

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

CASHIER'S USE ONLY
PLAN CHECK
ENERGY ANALYSIS —
BUILDING PERMIT #88-5-81 JR
EARTH QUAKE —
PLAN STORAGE —

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 398492

Date 12-31-82 Contractor International Elec.

International Elec. 774-2006
CONTRACTOR (D.B.A.) Phone

20 Dominguez Carson Ca. 90507
ADDRESS City Zip

OWNER BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation will do the work and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, a building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. ..... Company .....

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 12-3-81 Applicant Larry R Zuber

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 12-3-81 Applicant Larry R Zuber

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

.....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Larry R Zuber Owner 12-3-81
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN SAPPHIRE ST

☐ DWLG ☐ APTS ☐ COMM ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

PERMIT NO. 015578

OWNER Lloyds Bank PHONE

ADDRESS 1977 SATURN SAPPHIRE ST CITY

CONTRACTOR International Elec. PHONE

WORK COMP. ISSUED BY

SPECIAL INSP DATE

	OUTLETS		BUSWAY FOOTAGE	ONE½	MOTORS H.P.	1½		POWER PO.E		WORK PERMIT	
	FIXTURES							SERVICE AMPS			
	SWITCHES		MISC. CONDUITS								
					MOTORS H.P.			POOL OR SPA SYSTEM			
	APPLIANCES		TEMPORARY SYSTEM		BRANCH CCT.			SIGNS		FLASHER TIMER	
	APPLIANCES CCT.							JOB FINAL 12-4-81 P.S.			

6.00	PERMIT ISSUANCE FEE		10 —
.60	OUTLETS, RECEPTACLES, SWITCHES, LIGHT FIXTURES, HOLDERS		
each	SOCKETS, POLE PLATFORM MERCURY VAPOR		5 —
9.00	TEMPORARY, LIGHTING, RECEPTICAL SYSTEMS		
7.00	APPLIANCE CIRCUIT		
2.00	BRANCH CIRCUIT (OR BALLAST)		
6.00	BUSWAY SYSTEMS (EACH 100 FEET OR FRACTION)		
10.00	SIGN (1 CCT. OR BALLAST)		
2.00	MOTORS, TIMERS, MOTORS		
10.00	TEMPORARY POWER SERVICE (FIRST POLE)		
2.00	TEMPORARY POWER SERVICE (EACH ADDITIONAL POLE)		
7.50	MISCELLANEOUS CONDUITS & CONDUCTORS		
5.00	WORKING PERMIT		
15.00	MAINTENANCE ELECTRICIAN - ANNUAL REGISTRATION		
15.00	EMERGENCY OR SPECIAL INSPECTIONS (PER HOUR)		
20.00	PRIVATE SWIMMING POOL OR SPA SYSTEMS		
Each	POWER APPARATUS RATED H.P. K.W. K.V.A.		
2.00	0 UP TO 1	20.00 90 UP TO 99	
5.00	1 UP TO 15	25.00 100 UP TO 500	ENERGY
10.00	10 UP TO 50	30.00 OVER 500	
SERVICE AND SUB-PANELS			TOTAL
12.50	UP TO 600 VOLTS AND 200 AMPS		
25.00	OVER 600 VOLTS AND 200 - 1000 AMPS		
50.00	OVER 600 VOLTS AND OVER 1000 AMPS		

PLAN CHECK FEE - 10% PERMIT FEE ENERGY FEE - 5% OF PERMIT FEE

ENERGY P.C. —

PLAN CHECK —

PERMIT FEE Pd 12-3-81 JR

B 6-27- 8-10-81

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-20 Sec 38 License No. 158760

EXP. 12-31-81

Date ..... Contractor Robert Floyd

United Air Cond. Corp.

CONTRACTOR (D B A) Phone

632 M. Pass Rd – M. Pk 283-8365

ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C. - The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. , B. & P. C. for this reason:

Date ..... Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure or a certificate of Workers Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WP&D-044590 Company FREMONT INDEMNITY

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 8-10-81 Applicant United Air Conditioning

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name ..

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction and hereby authorize representatives of this City to enter upon the above mentioned property for inspection purposes.

Robert Floyd 8-10-81

Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:
	N.B.

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN St.

☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
MECHANICAL — RECEIPT — PERMIT

PERMIT NO. 01586

OWNER LLOYDS BANK of CALIFORNIA PHONE

ADDRESS 1977 SATURN St MONTEREY PK CITY

CONTRACTOR United Air Conditioning PHONE 287-6243

WORK COMP WP 80-044590 ISSUED BY JR

SPECIAL INSP DATE 8-14-81

	FURNACE B. T. U.		APPLIANCE VENT	FIREPLACE	EVAPORATIVE COOLER	WORK PERMIT
			AIR HANDLER C.F.M.	POOL	POOL HEATER B. T. U.	
1	A. C. COMP. SIZE 1½ Ton.					
			VENT FAN			
			VENT SYSTEM			
		3	DIFFUSERS REGISTERS	GAS VENT	GAS SYSTEM	
			FIRE DAMPERS		JOB FINAL 1-5-82 P.S.	

0.00	Permit Issuance Fee. ALL FEES ARE PER "EACH"	10	00
6.00	All Furnaces up to: 100M B. T. U. (w/Vent)		
10.00	All Furnaces OVER 100M B. T. U. (w/Vent)		
4.00	Appliance Vent (New, Replace, Relocate)		
6.00	Heater: Refrig.: Absorp. System/Unit (New/Alter)	6	00
6.00	Comp./Boiler up to: 3 H.P./100M		
2.00	Comp./Boiler OVER 3-15 H.P./OVER 100M - 500M		
20.00	Comp./Boiler OVER 15-30 H.P./OVER 500M - 1000M		
30.00	Comp./Boiler OVER 30-50 H.P./OVER 1000M - 1750M		
40.00	Comp./Boiler OVER 50 H.P./OVER 750M	3	
5.00	Air Handler up to and including 10M C. F. M.	19	00
10.00	Air Handler OVER 10M C. F. M.		
6.00	Evaporative Cooler (Permanent)		
4.00	Vent Fan (Single Duct); Vent System		
6.00	Appliance or Equipment Not Listed		
1.00	Diffusers (Supply and Return)		
4.00	Gas System (5 outlets)		
1.00	Gas System (6 or more outlets)		
	PLAN CHECK FEE = ½ PERMIT FEE		
	ENERGY FEE 15% OF PERMIT FEE		
	ENERGY 15%	2	40
	+		45
	TOTAL	21	85

Computer Room

ENERGY P.C. -----

PLAN CHECK PK 8-20-81 JM

PERMIT FEE

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 120179

Exp. Date 9-1-84 Signature of Contractor X R S Young

George Young Electric (213) 325-4111
CONTRACTOR (D B A) Phone

24100 S. Vermont Harbor City 90710
ADDRESS City Zip

OWNER BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation will do the work and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC966987 Company Republic Ind.

☐ Certified copy is hereby furnished.

X Certified copy is filed with the Department of Building & Safety.

Date 10-1-83 Applicant George Young Elect

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X R S Young 2-1-83
Signature of Owner or Contractor (Agt.) Date
R.S. Young

Owner Verified By: | City Lic. Verified By:

- IMPORTANT -

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 Saturn St. Monterey Park

☐ DWLG ☐ APTS ☐ COMM. XX ALTNS ☐ REPAIR

PERMIT NO 016234

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

OWNER Lloyd's Bank PHONE (213) 727-3264

ADDRESS 1977 Saturn St. Monterey Park CITY 91754

CONTRACTOR Young Electric PHONE 325-4111

WORK COMP. EXP. 10-1-83 ISSUED BY

SPECIAL INSP DATE

PERMIT FEE	58.00
PLAN CHECK	-----
ENERGY FEE	-----
TOTAL FEES	58.00

4	OUTLETS		BUSWAY FOOTAGE		MOTORS		POWER POLE		WORK PERMIT
	FIXTURES				H. P.		SERVICE AMPS.		
	SWITCHES		MISC. CONDUITS		H. P.		SPA SYSTEM		
1	SubPanel				H. P.		POOL SYSTEM		
	200A						POOL AND SPA SYSTEM		SIGNS
	APPLIANCES		TEMPORARY SYSTEM		BRANCH CCT.				FLASHER TIMER
	APPLIANCES CCT.						JOB FINAL Paul S 2-10-83		

10.00	PERMIT ASSURANCE FEE		
1.00	EA. (10) OUTLETS, RECEPTICALS, SWITCHES, LIGHT FIXTURES HOLDERS,	10	CC
	50 EA. (OVER 10) SOCKETS, POLE, RECEPTICAL SYSTEMS	24	CC
5.00	TEMPORARY, RESIDEN. RECEPTICAL SYSTEMS	24	CC
2.00	APPLIANCE CIRCUIT		
2.00	BRANCH CIRCUIT (OR BALLAST)		
10.00	BUSWAY SYSTEMS (EACH 50 FEET OR FRACTION)		
10.00	SIGN — (1 CCT. OR BALLAST)		
4.00	FLASHERS TIMERS, MOTORS		
10.00	TEMPORARY POWER SERVICE (FIRST POLE)		
2.00	TEMPORARY POWER SERVICE (EACH ADDITIONAL POLE)		
7.50	MISCELLANEOUS CONDUITS & CONDUCTORS & UNDERGROUND		
5.00	WORKING PERMIT		
15.00	MAINTENANCE ELECTRICIAN — ANNUAL REGISTRATION		
15.00	EMERGENCY OR SPECIAL INSPECTIONS (PER HOUR)		
20.00	PRIVATE SWIMMING POOL OR SPA SYSTEMS (POOL WITH SPA 30.00)		
Each	POWER APPARATUS RATED: H.P. - K.W. - K.V.A.		
2.00	0 UP TO 15.00 OVER 5 INCL 10		
5.00	OVER 1 INCL 3 20.00 OVER 10 INCL 25		
10.00	OVER 3 INCL 5 30.00 OVER 25 INCL 50 60.00 OVER 100		
	SERVICE (AND SUB-PANELS)		
12.50	UP TO 600 VOLTS AND 200 AMP.		
25.00	OVER 600 VOLTS AND 200 1000 AMP.		
50.00	OVER 600 VOLTS AND OVER 800 AMP.		
	PLAN CHECK FEE = ½ PERMIT FEE ENERGY FEE = 15% OF PERMIT FEE	ENERGY	
		TOTAL	

See revised schedule

NOTICE — THE PERMIT FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK AS ESTABLISHED BY THE BUILDING OFFICIAL. Example: Underground, Rough, Finish.

CONTRACTORS SIGNATURE X R S Young 2-3-83

Cashier's Use Only

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 392955

8-31-82

Date 1-12-82 Contractor ELECTRICAL

KIRKWOOD ELECT. SERVICE, INC. 926 0519

CONTRACTOR (D B A) Phone

12723 E. 166th St. CERRITOS, 90701

DRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9 (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

.....

Date ..... Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WF911504-21 Company FREMONT

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 1-12-82 Applicant L. M. Kirkwood

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

.....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

L. M. Kirkwood 1-12-82

Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN ST.

☐ DWLG ☐ APTS ☐ COMM. ☒ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL - RECEIPT PERMIT

PERMIT NO 016644

OWNER LLOYDS BANK CORP. PHONE

ADDRESS 1977 SATURN ST CITY M.P.

CONTRACTOR KIRKWOOD ELECT. PHONE 926-0519

WORK COMP. 10-1-82 ISSUED BY

SPECIAL INSP DATE

PERMIT FEE	183.50
PLAN CHECK	91.75
ENERGY FEE	27.52
TOTAL FEES	302.77

1	OUTLETS		BUSWAY FOOTAGE		MOTORS H. P.		POWER POLE		WORK PERMIT
10	FIXTURES			3	@ 100 HP		SERVICE AMPS.		
1	SWITCHES	5	MISC. CONDUITS	2	@ 30 HP	1	DIST. BRD. 600 AMP		
					MOTORS H. P.		POOL OR SPA SYSTEM		
				1	150 KVA CPC		~~1 OUTLET~~		
	APPLIANCES		TEMPORARY SYSTEM		BRANCH CCT.		SIGNS		FLASHER TIMER
	APPLIANCES CCT.						JOB FINAL 2-7-82 P.S.		

13.00	PERMIT ISSUANCE FEE		
50	OUTLETS: RECEPTACLS, SWITCHES, LIGHT FIXTURE HOLDERS,	10	00
each	SOCKETS, POLE PLATFORM, MERCURY VAPOR	6	00
5.00	TEMPORARY SERVICE POLE RECEPTACL SYSTEMS	37	50
2.00	APPLIANCE CIRCUIT	60	00
2.00	BRANCH CIRCUIT (OR BALLAST)	20	00
4.00	BUSWAY SYSTEMS (EACH 100 FEET OR FRACTION)	25	00
2.00	SIGN — 1 CCT (OR BALLAST)	25	00
2.00	FLASHERS, TIMERS, MOTORS		
6.00	TEMPORARY POWER SERVICE FIRST POLE		
3.00	TEMPORARY POWER SERVICE EACH ADDITIONAL POLE		
3.50	MISCELLANEOUS CONDUITS & CONDUCTORS		
5.00	WORKING PERMIT		
5.00	MAINTENANCE ELECTRICIAN ANNUAL REGISTRATION		
15.00	EMERGENCY OR SPECIAL INSPECTIONS (PER HOUR)		
30.00	PRIVATE SWIMMING POOL OR SPA SYSTEMS		
Each	POWER APPARATUS RATED H.P. K.W. K.V.A.		
2.00	0 UP TO 1 HP 20.00 50 UP TO 100		
5.00	1 UP TO 5 HP 25.00 100 UP TO 500		
8.00	10 UP TO 50 HP 30.00 OVER 500		
	SERVICE (AND SUB-PANELS)		
9.50	UP TO 600 VOLTS AND 200 AMP.		
25.00	OVER 600 VOLTS AND 200 - 1000 AMP.		
50.00	OVER 600 VOLTS AND OVER 1000 AMP.		
PLAN CHECK FEE = 50% PERMIT FEE ENERGY FEE = 15% OF PERMIT FEE		ENERGY	27 52
		TOTAL	302 77

ENERGY P.C. —— + 0

PLAN CHECK —— 1-14-82

PERMIT FEE ——

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

C-20 SC-4 SC-58

License Class ..... License No. 158760

Date 12/3/82 Contractor UNITED AIR COND.

UNITED AIR CONDITIONING CORP
CONTRACTOR (DBA) Phone
632 MONTEREY PASS ROAD
MONTEREY PARK, CA 2896213
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

.....

Date ..... Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WP81-044590 Company FREMONT INDEMNITY

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date 12/3/81 Applicant Robert D. Floyd

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

.....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Robert D. Floyd 12/3/81
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By: A/B.

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

B-686 12/3/81

JOB ADDRESS: 1977 SATURN ST

☐ DWLG ☐ APTS ☑ COMM. ☑ ALTNS ☐ REPAIR

PERMIT NO 021774

MONTEREY PARK BUILDING DEPARTMENT
MECHANICAL — RECEIPT — PERMIT

OWNER LLOYDS BANK	PHONE	PERMIT FEE	12.00
ADDRESS 1977 SATURN ST.	CITY MONT. PK.	PLAN CHECK	
CONTRACTOR UNITED AIR COND	PHONE 2896213	ENERGY FEE	1.80
WORK COMP WP81-044590	ISSUED BY A.B.		
SPECIAL INSP	DATE 12/13/81	TOTAL FEES	13.80

FURNACE B. T. U.	APPLIANCE VENT	FIREPLACE	EVAPORATIVE COOLER	WORK PERMIT
	AIR HANDLER C.F.M.	HOOD	POOL HEATER B.T.U.	
A. C. COMP. SIZE				
	VENT FAN			
	VENT SYSTEM			
	2 DIFFUSERS REGISTERS	GAS VENT	GAS SYSTEM	
	FIRE DAMPERS		JOB FINAL PS 2-12-82	

10.00	Permit Issuance Fee.	ALL FEES ARE PER "EACH"	10 00
6.00	A/ Furnaces up to: 100M B. T. U. (w/Vent)		
10.00	A/ Furnaces OVER 100M B. T. U. (w/Vent)		
4.00	Appliance Vent (New, Replace, Relocate)		
6.00	Heater; Refrig.; Absorp. System/Unit (New/Alter)		
6.00	Comp./Boiler up to: 3 H.P./100M		
12.00	Comp./Boiler OVER 3-15 H.P./OVER 100M - 500M		
20.00	Comp./Boiler OVER 15-30 H.P./OVER 500M - 1000M		
30.00	Comp./Boiler OVER 30-50 H.P./OVER 1000M - 1750M		
40.00	Comp./Boiler OVER 50 H.P./OVER 1750M		
5.00	Air Handler up to and including 10M C. F. M.		
0.00	Air Handler OVER 10M C. F. M.		
6.00	Evaporative Cooler (Permanent)		2.00
4.00	Vent Fan (Single Duct); Vent System		ENERGY 1.80
6.00	Appliance or Equipment Not Listed		
1.00	Diffusers (Supply and Return) 2		TOTAL
4.00	Gas System (1-5 outlets)	PLAN CHECK FEE = ½ PERMIT FEE	13.80
1.00	Gas System (6 or more outlets)	ENERGY FEE = 15% OF PERMIT FEE	

ENERGY P.C. .....

PLAN CHECK .....

PERMIT FEE pd 1-13-82 JM

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C20 License No. 150412

Date 4/30/82 Contractor R Kreyhen

SAN-VAL A/C 849-7751

CONTRACTOR (D B A) Phone

1121 ISABEL ST BURBANK 91506

ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

☐ am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. ..... Company .....

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date ..... Applicant .....

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 2/12/82 Applicant R Kreyhen

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097 Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

R Kreyhen 2/12/82

Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN ST

☐ DWLG ☐ APTS ☑ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
MECHANICAL — RECEIPT PERMIT

PERMIT NO 0172

OWNER Lloyds BANK PHONE

ADDRESS 1977 SATURN ST CITY Mont. PK

CONTRACTOR SAN-VAL A/C PHONE 849-7751

WORK COMP. EXEMPT ISSUED BY TOPIKO

SPECIAL INSP DATE 2-12-82

PERMIT FEE	60.00
PLAN CHECK	
ENERGY FEE	9.00
TOTAL FEES	69.00

	FURNACE B. T. U.		APPLIANCE VENT		FIREPLACE	EVAPORATIVE COOLER	WORK PERMIT
			A.R. HANDLER C.F.M.		HOOD	POOL HEATER B.T.U.	
1 HP	A.C. COMP. SIZE 10 HP						
			VENT FAN				
1	Comp 20 hp		VENT SYSTEM				
			DIFFUSERS REGISTERS		GAS VENT	GAS SYSTEM	
			FIRE DAMPERS			JOB FINAL 2-16-82	

10.00	Permit Issuance Fee.	ALL FEES ARE PER "EACH"	10 —
6.00	All Furnaces up to: 100V B. T. U. (w/Vent)		15 —
10.00	All Furnaces OVER 100M B. T. U. (w/Vent)		15 —
4.00	Appliance Vent (New Replace, Relocate)		20
6.00	Heater Refrig.: Absorp. System/Unit (New/Alter)		
6.00	Comp./Boiler up to: 3 H.P./100M		
12.00	Comp./Boiler OVER 3-15 H.P./OVER 100M - 500M		
20.00	Comp./Boiler OVER 15-30 H.P./OVER 500M - 1000M		
30.00	Comp./Boiler OVER 30-50 H.P./OVER 1000M - 1750M		
40.00	Comp./Boiler OVER 50 H.P./OVER 1750M		
8.00	Air Handler up to and including 10M C. F. M.		
10.00	Air Handler OVER 10M C. F. M.		60 —
6.00	Evaporative Cooler (Permanent)		
4.00	Vent Fan (Single Duct); Vent System		ENERGY
6.00	Appliance or Equipment Not Listed		
1.00	Diffusers (Supply and Return)		TOTAL
4.00	Gas System -5 outlets)	PLAN CHECK FEE ½ PERMIT FEE	
1.00	Gas System (6 or more outlets)	ENERGY FEE - 15% OF PERMIT FEE	

ENERGY P.C. ——

PLAN CHECK ---

PERMIT FEE —— Pd 2-12-82

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-L License No. 188629

Exp. Date 12-31-82 Signature of Contractor Art L Bow

Pacific Building Interiors Inc 223-1124
CONTRACTOR (D B A) Phone

5363 Alhambra Ave L.A. 90032
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Workers Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC-111609-D Company Missouri Ins.

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 7-7-82 Applicant Art L Bow

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name None

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Art L Bow 7-7-82
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO 4591

JOB ADDRESS 1977 Saturn Street

LEGAL DESCRIPTION LOT TRACT

OWNER Lloyds Bank PHONE 727-3252

OWNER ADDRESS 1977 Saturn St CITY Monterey Park ZIP

ENGINEER Merle L. Fistler STATE LIC. PHONE 446-1251

ARCH.-DESIGNER — STATE LIC. PHONE

CONTRACTOR Pacific Building Int. L.A. 90032 PHONE

CONTRACTOR ADDRESS 5363 Alhambra Ave CITY ZIP

JOB DESCRIPTION: NEW | ADD X | DEMO | FIRE

Loading dock renovation

NO. UNITS | BEDROOMS/UNIT | PARKS & RECREATION FEE: DEMO CR____ AMT DUE $ ____

BUILDING AREA | GARAGE AREA | STORIES | HEIGHT | NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION: EXT WALLS Concrete | ROOF Concrete | FLOOR Conc.

JOB ADDRESS 1977 Saturn St.

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 6250-

ENERGY ANALYSIS NA APPROVED PLAN CHECK TARIN APPROVED

BUILDING PERMIT APPROVED TARIN 7-7-82 DATE

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES: NA

SEWER SERVICE FEE:

PLAN CHECK	65.00
ENERGY ANALYSIS	—
BUILDING PERMIT	69.00
EARTH QUAKE	.50
PLAN STORE	
TOTAL FEE $	130.50

MAP NO.
ZONE
OCCUP GROUP
CONST TYPE
LOT SIZE
AFFIDAVITS
ENGINEERING NA
PLANNING NA
FIRE DEPT NA
WORK COMP EXP. 7-10-83
FINAL INSPECTION Dave Reider 9-20-82

CASHIER'S USE ONLY
PD 7-7-82

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-1 License No. 188629

Exp. Date 84 Signature of Contractor Ada L Bon

Pacific Bldg Int. 223-1124
CONTRACTOR (B B A) Phone

5363 Alhambra L.A. 90032
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C.; The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of compl the owner-builder will have the burden of proving that he not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC1-112096 Company Mission Ins.

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date 4/29/82 Applicant Ada L Bon

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption you should become subject to the Work's Comp. provisions of the Labor Code You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097 Civ. C.).

Lender's Name None

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Ada L. Bon 4/29/82
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 30 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO. 14315

JOB ADDRESS 1977 Saturn St.

LEGAL DESCRIPTION LOT TRACT

OWNER Lloyds Bank Calif. PHONE

OWNER ADDRESS 1977 Saturn ST. CITY 727-3264 ZIP

ENGINEER NONE STATE LIC. PHONE

ARCH-DESIGNER STATE LIC. PHONE

CONTRACTOR Pacific Building Int. L.A 90032 PHONE

CONTRACTOR ADDRESS 5363 Alhambra Ave L.A. 90032 CITY ZIP

JOB DESCRIPTION	NEW	ADD X	DEMO	FIRE
Interior alterations				

NO. UNITS	BEDROOMS/UNIT	PARKS & RECREATION FEE
		DEMO CR ____ AMT DUE $ ____

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION	EXT. WALLS	ROOF	FLOOR
New Conduit			

JOB ADDRESS 1977 Saturn St.

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 3350

ENERGY ANALYSIS APPROVED PLAN CHECK APPROVED

BUILDING PERMIT APPROVED DE 4-29-82 DATE

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE:

PLAN CHECK	44.50
ENERGY ANALYSIS	
BUILDING PERMIT	44.50
EARTH QUAKE	.50
PLAN STORE	
TOTAL FEE $	89.50

MAP NO.	
ZONE	
OCCUP GROUP	B-2
CONST TYPE	II-1 hr
LOT SIZE	
AFFIDAVITS	
ENGINEERING	
PLANNING	
FIRE DEPT.	
WORK COMP EX.	

7-01-82

FINAL INSPECTION
Work Cancelled
Raul Schurigen
9-20-82

CASHIER'S USE ONLY
Pd
4-29-82

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B, C10 License No. 364044

Exp. Date 8-31-82 Signature of Contractor Mark Bryant

J.H. BRYANT JR. CONT. INC 770-2260
CONTRACTOR (D B A) Phone

17217 S. BROADWAY, GARDENA 90248
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800 Lab. C.)

Policy No. WP-81-057141 Company Fremont

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date 9-8-82 Applicant J. H. Bryant Inc

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Mark Bryant 9-8-82
Signature of Owner or Contractor ONLY Date

Owner Verified By: | City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection or job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California
BUILDING PERMIT APPLICATION

PERMIT NO. 16306

JOB ADDRESS 1977 SATURN

LEGAL DESCRIPTION LOT TRACT

OWNER Lloyds Bank PHONE 727-5252
OWNER ADDRESS 1977 SATURN CITY Monterey Park ZIP
ENGINEER STATE LIC. PHONE
ARCH. DESIGNER STATE LIC. PHONE
CONTRACTOR J.H. Bryant Jr. Contractors, Gardena PHONE 770-2260
CONTRACTOR ADDRESS 17217 S. Broadway, Gardena 90248 CITY ZIP

JOB DESCRIPTION: NEW | ADD | DEMO | FIRE

Interior partition walls for Photo-Lab micro-film

NO. UNITS | BEDROOMS/UNIT | PARKS & RECREATION FEE | DEMO CR_____ AMT DUE $ _____

BUILDING AREA | GARAGE AREA | STORIES | HEIGHT | NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION: EXT WALLS | ROOF | FLOOR

JOB ADDRESS 1977 Saturn
VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 2200

ENERGY ANALYSIS N/A APPROVED | PLAN CHECK TARIN APPROVED

BUILDING PERMIT APPROVED TARIN 9-8-82 DATE

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE: NA

PLAN CHECK	39.00
ENERGY ANALYSIS	—
BUILDING PERMIT	39.00
EARTH QUAKE	.50
PLAN STORE	—
TOTAL FEE $	78.50

MAP NO.
ZONE
OCCUP GROUP
CONST. TYPE
LOT SIZE
AFF. DWG'S
ENGINEERING
PLANNING
FIRE DEPT
WORK COMP EXP. 7-1-83
FINAL INSPECTION Paul Schweizer 10-6-82

CASHIER'S USE ONLY
9-8-82

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-C10 License No. 364044

Exp. Date 8-31-83 Signature of Contractor Mark Bryant

J. H. BRYANT JR CONST. INC 270-2260
CONTRACTOR (D B A) Phone

17217 S. BROADWAY, GARDENA 90248
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WP-81-057111 Company FREMONT

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 9-8-82 Applicant J. H. BRYANT INC

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code. You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097 Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Mark Bryant 9-8-82
Signature of Owner or Contractor ONLY Date

Owner Verified By: City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN ST

☐ DWLG ☐ APTS ☒ COMM. ☒ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL RECEIPT — PERMIT

PERMIT NO. 016013

OWNER Lloyds Bank PHONE 727-3252
ADDRESS 1977 Saturn St CITY Monterey Park
CONTRACTOR J. H. Bryant Jr Inc PHONE 770-2260
WORK COMP EXP. 7-1-83 ISSUED BY Thom
SPECIAL INSP DATE 9-8-82

~~18~~	OUTLETS		BUSWAY FOOTAGE		MOTORS		POWER POLE		WORK PERMIT
2	FIXTURES				H. P.		SERVICE AMPS.		
3	SWITCHES		M.SC. CONDUITS		H. P.		SPA SYSTEM		
					H. P.		POOL SYSTEM		
							POOL AND SPA SYSTEM		SIGNS
	APPLIANCES		TEMPORARY SYSTEM	2	BRANCH CCT.				FLASHER TIMER
	APPLIANCES CCT.						JOB FINAL PS 10-6-82		

10.00	PERMIT ISSUANCE FEE	10 —
1.00	EA. (1-20) OUTLETS, RECEPTACLES SWITCHES LIGHT FIXTURES, HOLDERS.	24 —
.50	EA. (OVER 10) SOCKETS, POLE, RECEPTICAL SYSTEMS	1 50
5.00	TEMPORARY, FESTOON, RECEPTICAL SYSTEMS	12 —
2.00	APPLIANCE CIRCUIT	~~12~~ —
2.50	BRANCH CIRCUIT (OR BALLAST)	12 —
10.00	BUSWAY SYSTEMS (EACH 100 FEET OR FRACTION	
10.00	SIGN — 1 CCT. (OR 3A LASH)	
4.00	FLASHERS TIMERS MOTORS	
10.00	TEMPORARY POWER SERVICE (FIRST POLE)	
2.00	TEMPORARY POWER SERVICE (EACH ADDITIONAL POLE)	
7.50	MISCELLANEOUS CONDUITS & CONDUCTORS & UNDERGROUND	
5.00	WORKING PERMIT	
15.00	MAINTENANCE REGISTRATION ANNUAL REGISTRATION	
15.00	EMERGENCY OR SPECIAL INSPECTIONS (PER HOUR)	
20.00	PRIVATE SWIMMING POOL OR SPA SYSTEMS (POOL WITH SPA 30.00)	
	Each POWER APPARATUS RATED: H.P. K.W. K.V.A.	
2.00	0 UP TO 5.00 OVER 5 INCL. 10	
5.00	OVER 1 INCL 3 20.00 OVER 10 INCL 25	
10.00	OVER 3 INCL 5 30.00 OVER 25 INCL 50 60.00 OVER 100	
	SERVICE (AND SUB PANELS)	
12.50	UP TO 600 VOLTS AND 200 AMP.	
25.00	OVER 600 VOLTS AND 200 1000 AMP.	
50.00	OVER 600 VOLTS AND OVER 600 AMP.	
	PLAN CHECK FEE = ½ PERMIT FEE ENERGY FEE = 15% OF PERMIT FEE	

B.C.

PERMIT FEE	71.50
PLAN CHECK	
ENERGY FEE	
TOTAL FEES	71.50
ENERGY	
TOTAL	

NOTICE — THE PERMIT FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK AS ESTABLISHED BY THE BUILDING OFFICIAL. Example: Underground, Rough, Finish.

CONTRACTORS SIGNATURE Mark Bryant

Cashier's Use Only 9-8-82

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C36 License No. 202806

Exp. Date 7-1983 Signature of Contractor [signature]

Aitken Plumbing 7584151
CONTRACTOR (D B A) Phone

3317 Hyde Park Blvd Inglewood 90303
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WXA062496E Company Mission

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 9-20-82 Applicant [signature]

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

[signature] 9-20-82
Signature of Owner or Contractor ONLY Date

Owner Verified By: City Lic. Verified By: [signature]

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 80 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection or job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 Saturn St

☐ OWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR

PERMIT NO. 019808

MONTEREY PARK BUILDING DEPARTMENT
PLUMBING — RECEIPT — PERMIT

OWNER	Lloyds Bank	PHONE	
ADDRESS	1977 Saturn	CITY	MPK
CONTRACTOR	Aitken Plumbing	PHONE	
WORK COMP. EXP.	7-1-83	ISSUED BY	9-20-82
SPECIAL INSP		DATE	9-20-82

PERMIT FEE	55
PLAN CHECK	—
ENERGY FEE	—
TOTAL FEES	55

	TOILET		DISHWASHER		SPA SYSTEM		P-TRAP		WORK PERMIT
	TUB		DISPOSAL		POOL SYSTEM		POOL FILTER	1	INDIRECT WASTE
	SHOWER	1	WATER HEATER		POOL AND SPA SYSTEM		POOL PIPING		DRINK FTN.
1	SINK		YARD SPRINKLERS		SEWER CONN	1	WATER PIPING		RAINWATER SYSTEM
	LAVATORY		BACK-FLO PREV.		SEWER CAP		GAS SYSTEM		GREASE TRAP
	WASHER		FLOOR DRAIN		SEWER EXT.		GAS OUTLETS		
	URINAL		FLOOR SINK		SEWER SYSTEM		JOB FINAL PS 10-6-82		

10.00	Permit Issuance Fee	10
4.00	Toilet; Urinal; Tub, Shower	29
4.00	Sink; Lavie; Laundry Tray; Floor Sink	29
4.00	Dishwasher; Clothes Washer; P Trap	
4.00	Drinking Fountain; Water Treatment Equipment	
5.00	Instal; Repair; Alter; Waterpiping; Water Heater	
4.00	Instal; Repair; Alter; Drain or Vent Piping	
5.00	Gas System or Backflow Preventers (1-5 outlets)	
1.00	Gas System or Backflow Preventers (6 or more)	
4.00	Pool Filter System; Pool Water Piping	
4.00	Rainwater System Per Drain	
6.00	Yard Sprinker System (per meter)	
8.00	Commercial Grease Trap; Industrial Waste Interceptor	
10.00	Sewer Cap; Sewer Extension; Trailer Park Trap	ENERGY
15.00	Sewer Connection to Main	TOTAL
30.00	Sewer System (Private)	
20.00	Private Pool or Spa System (Pool with Spa - 30.00)	

PLAN CHECK FEE = ½ PERMIT FEE ENERGY FEE = 5% OF PERMIT FEE

NOTICE — THE PERMIT FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK AS ESTABLISHED BY THE BUILDING OFFICIAL. Example: Underground, Rough, Finish.

CONTRACTORS SIGNATURE [signature]

Cashier's Use Only
PS
9-20-82

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B License No. 188629

Exp. Date 5-84 Signature of Contractor Arden L Born

Pacific Bldg Int. 223 1124
CONTRACTOR (D B/A) Phone

5363 Alhambra Ave L A. 90032
ADDRESS City Zip

OWNER BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Workers Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC-I-711092C Company Mission Ins.

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 4/27/82 Applicant Arden L Born

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued I shall not employ any person in any manner so as to become subject to the Workers Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name None

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Arden L Born 4/27/82
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date or if work is suspended or abandoned for a period of 180 days this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California
BUILDING PERMIT APPLICATION

PERMIT NO 14314

JOB ADDRESS 1977 Saturn St.
LEGAL DESCRIPTION LOT TRACT
OWNER Lloyds Bank Calif. PHONE
OWNER ADDRESS 1977 Saturn CITY ZIP
ENGINEER None STATE LIC. PHONE
ARCH.-DESIGNER None STATE LIC. PHONE
CONTRACTOR Pacific Bldg Int. L.A 90032 PHONE
CONTRACTOR ADDRESS 5363 Alhambra Ave. CITY ZIP

PLAN CHECK	50.50
ENERGY ANALYSIS	—
BUILDING PERMIT	50.50
EARTH QUAKE	50
PLAN STORE	101.50
TOTAL FEE $	101.50

JOB DESCRIPTION: NEW | ADD X | DEMO | FIRE

To increase occ. Load

NO. UNITS / BEDROOMS/UNIT / PARKS & RECREATION FEE DEMO CR ___ AMT DUE $ ___

BUILDING AREA | GARAGE AREA | STORIES | HEIGHT | NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION: EXT. WALLS | ROOF | FLOOR

Non combust. Glass N/A N/A

JOB ADDRESS 1977 Saturn St
VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 4600 —

ENERGY ANALYSIS APPROVED PLAN CHECK BBO APPROVED

BUILDING PERMIT APPROVED BBO 4/27/82 DATE

PARKING / PLOT PLAN /

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:
SEWER SERVICE FEE: N/A

MAP NO	
ZONE	
OCCUP GROUP	B-2
CONST TYPE	II-1hr
LOT SIZE	/
ACREAGE	/
ENGINEERING	/
PLANNING	/
FEE DEPT	/
WORK COMP EXP.	OK 7-01-82
FINAL INSPECTION	Paul Schneider 10-7-82

CASHIER'S USE ONLY
PD
4-29-82

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-1 License No. 402483

Exp Date 9/87 Signature of Contractor J. H. Bryant

J. H. BRYANT JR. CONTRACTOR 521-1140
CONTRACTOR (D B A) Phone

90248
17217 S. BROADWAY GARDENA
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 703.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. B. & P. C. for this reason:

Date Signature of Owner

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 2017-00-054704 Company EMPLOYERS

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 2/10/87 Applicant J. H. Bryant Jr.

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date Applicant

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name

Lender's Address

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO 19486

JOB ADDRESS 1977 SATURN
LEGAL DESCRIPTION LOT TRACT
OWNER SANWAY BANK OF CAL PHONE
OWNER ADDRESS 1977 SATURN CITY ZIP
ENGINEER STATE LIC. PHONE
ARCH. DESIGNER STATE LIC. PHONE (213)532-1240
CONTRACTOR BRYANT MANUF. CONSTRUCTION CONTRACT PHONE
CONTRACTOR ADDRESS 17217 S. BROADWAY CITY GARDENA ZIP 90248

PLAN CHECK	82.00
ENERGY ANALYSIS	
BUILDING PERMIT	82.00
CARTHQUAKE	50
PLAN STORE	
TOTAL FEE	$ 164.50

JOB DESCRIPTION: NEW | ADD | DEMO | FIRE
T.I. NONBEARING PARTITION FOR MAIL & FILE ROOM

NO. UNITS | BEDROOMS \UNIT | PARKS & RECREATION FEE | DEMO CR____ AMT DUE $ ____

BUILDING AREA | GARAGE AREA | STORIES | HEIGHT | NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION: EXT. WALLS | ROOF | FLOOR: CONCRETE

JOB ADDRESS 1977 SATURN.
VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 6,000.00

ENERGY ANALYSIS APPROVED | PLAN CHECK APPROVED

BUILDING PERMIT APPROVED [signature] 2-10-87 DATE

PARKS PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE:

MAP NO.	
ZONE	C-M
OCCUP GROUP	
CONST TYPE	
LOT SIZE	
ENGINEERING	
PLANNING	BD
FIRE DEPT	
WORK COMP EXP.	7-1-87
FINAL INSPECTION	Daniel Beneley 4-10-87

CASHIER'S USE ONLY
[signature] 2-10-87

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-C10 License No. 364054

Exp. Date 8-31-83 Signature of Contractor Mark Bryant

J.H. Bryant Jr. Const. 720-2260
CONTRACTOR (C B A) Phone

17217 S. Broadway, Gardena 90248
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C. - The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that it was not built or improved for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.- The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WP-81-067141 Company Fremont

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date 10-8-82 Applicant Mark Bryant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name NONE

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Mark Bryant 10-8-82
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California
BUILDING PERMIT APPLICATION

PERMIT NO 14985

JOB ADDRESS 1977 Saturn ST

LEGAL DESCRIPTION LOT TRACT

OWNER Lloyds Bank PHONE

OWNER ADDRESS 1977 Saturn CITY ZIP

ENGINEER STATE LIC. PHONE

ARCH.-DESIGNER STATE LIC. PHONE

CONTRACTOR PHONE

CONTRACTOR J.H. Bryant Jr Inc

CONTRACTOR ADDRESS 17217 S. Broadway, CITY Gardena ZIP 90248

JOB DESCRIPTION	NEW	ADD	DEMO	FIRE	ALTER
					✓

Non-Bearing Partition Walls for Plastic Card Repro Room

NO. UNITS | BEDROOMS/UNIT | PARKS & RECREATION FEE

DEMO OR ____ AMT DUE $ ____

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	SQ. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION	EXT WALLS	ROOF	FLOOR

JOB ADDRESS 1977 Saturn

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 800.00

ENERGY ANALYSIS APPROVED PLAN CHECK 800 APPROVED

BUILDING PERMIT APPROVED 800 10-8-82 DATE

PARKING N/A PLOT PLAN N/C

VALIDATION N BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE:

PLAN CHECK	10—
ENERGY ANALYSIS	—
BUILDING PERMIT	10—
EARTH QUAKE	.50
PLAN STORE	—
TOTAL FEE	$ 20.50

MAP NO.	
ZONE	C-4
OCCUP GROUP	B-2
CONST TYPE	III-1hr
LOT SIZE	N/C
AFFIDAVIT	—
ENGINEERING	—
PLANNING	—
FIRE DEPT	—
WORK COMP EXP	July 83
FINAL INSPECTION	Paul Schmeyer 12-14-82

CASHIER'S USE ONLY

10-8-82

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

C20SC4 SC38 License Class ..... License No. 158760

Exp. Date 12/31/83 Signature of Contractor .....

UNITED AIR CONDITIONING CORP. 289-6213
CONTRACTOR (D B A) Phone

632 MONTEREY PASS ROAD MONTEREY PARK, CA.
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Workers' Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.). INDUSTRIAL INDEMNITY

Policy No. CB 847-5095 Company .....

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 03/03/83 Applicant .....

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

03/03/83
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Use Verified By: OK RL

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 90 days this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN ST.

☐ DWLG ☐ APTS ☒ COMM. ☒ ALTNS ☐ REPAIR

PERMIT NO. 01367

MONTEREY PARK BUILDING DEPARTMENT

B-864 **MECHANICAL** — RECEIPT — PERMIT

OWNER LLOYDS BANK PHONE

ADDRESS 1977 SATURN ST. CITY MONTEREY PARK, CA.

CONTRACTOR UNITED AIR CONDITIONING PHONE 289-6213

WORK COMP. EXP. 07/01/83 ISSUED BY

SPECIAL INSP DATE

	FURNACE B. T. U.		APPLIANCE VENT		FIREPLACE		EVAPORATIVE COOLER	WORK PERMIT
			AIR HANDLER C.F.M.		HOOD		POOL HEATER B.T.U.	
	A. C. COMP. SIZE							
			VENT FAN					
	2 CONTROL DAMPERS		VENT SYSTEM				GAS SYSTEM	
			DIFFUSERS REGISTERS		GAS VENT		GAS OUTLETS	
			FIRE DAMPERS					

PERMIT FEE 34.-
PLAN CHECK
ENERGY FEE
TOTAL FEES 34.-
JOB FINAL PS 7-22-83

ALL FEES ARE PER "EACH"

9.00	Permit Issuance Fee. 1	$10	00
8.00	All Furnaces up to 100M B. T. U. (w/Vent)	12	00
15.00	All Furnaces OVER 100M B. T. U. (w/Vent)	12	
8.00	Appliance Vent (New, Replace, Relocate)		
10.00	Heater; Refrig.; Absorp. System/Unit (New/Alter)	24	
8.00	Comp./Boiler up to 3 H.P./100M	8	
15.00	Comp./Boiler OVER 3-15 H.P./OVER 100M 500M	15	30
20.00	Comp./Boiler OVER 15-30 H.P./OVER 500M 1000M		
30.00	Comp./Boiler OVER 30-50 H.P./OVER 1000M - 750M	8	70
50.00	Comp./Boiler OVER 50 H.P./OVER 1750M		
6.00	Air Handler up to and including 10M C. F. M.		
9.00	Air Handler OVER 10M C. F. M.		
6.00	Evaporative Cooler (Permanent)		
4.00	Vent Fan (Single Duct); Vent System		
6.00	Appliance or Equipment Not Listed 2 CONTROL DAMPERS		
1.00	Diffusers (Supply and Return) Registers		
5.00	Gas System (5 outlets)		
1.00	Gas System (6 or more outlets)		

PLAN CHECK FEE - ½ PERMIT FEE
ENERGY FEE - 15% OF PERMIT FEE

ENERGY 3.30
TOTAL $25.30

NOTICE - THE PERMIT FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK AS ESTABLISHED BY THE BUILDING OFFICIAL. Example: Underground, Rough, Finish.

CONTRACTORS SIGNATURE .....

Cashier's Use Only
3-11-83

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 300157

Exp. Date 8-31-83 Signature of Contractor A. W. Moffett

CAROL ELECTRIC CO. 634-6780
CONTRACTOR (D B A) Phone

15729 TELEGO PARAMOUNT 90723
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C. : The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of comp the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ , as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date 3-4 Signature of Owner A. W. Moffett

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. NI808 0291 Company Farmer's Truck Exchange

☒ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 4-4-83 Applicant CAROL ELECT.

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

A. W. Moffett 4-4-83
Signature of Owner or Contractor (ONLY) Date

Owner Verified By: City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 Saturn

☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

PERMIT NO. 016298

OWNER	Lloyds Bank	PHONE	
ADDRESS	1977 Saturn	CITY	Mont. Park
CONTRACTOR	CAROL ELECTRIC CO	PHONE	634-6780
WORK COMP.	Farmer's Truck Exch. 4-17-83	ISSUED BY	
SPECIAL INSP		DATE	4-4-83

PERMIT FEE	87.—		
PLAN CHECK			
ENERGY FEE			
TOTAL FEES	87.—		

		RO	FIN.	$10.00
	Permit issuance Fee			
	Service, Sub panels up to 600 volts, or 200 amp.	1.	1.	24.00
	Over 600 volts, or 20 to 600 amp	2.	.50	10.00
	Over 600 volts, or 100 to 6000 amp.	2.	1.	36.00
	Sub-pane	.25	.25	6.00
	Temporary power pole Parking lot standard		1.	2.00
	Each additional pole or circuit		.25	6.00
116	( ) Outlets, ( ) appl. outlets, ( ) receptacles ( ) switches, ( ) fixtures ( ) fastpan lighting, constr. power outs. 1-10 outlets.	1.	1.	24.00
	Each additional of the above.	.125	.125	.50 53
	Misc. Equip.: ( ) small appl., ( ) appl. circ., ( ) branch circ. ( ) busway syst., ( ) sign ballast, ( ) flasher, ( ) timer, ( ) misc. conduit or conductor, ( ) underground. Inspection each.		1.	17.00
	Two inspections required for each.	1.	1.	24.00
	Inspection for each additional item same permit.	.25	.25	6.00
	Power Apparatus (Rated: HP KW KVA)			
	Motor, heating systems appliance etc. Rated 0-5 HP	1.	1.	24.00
	Each add. 0.5 HP on same permit	.25	.25	6.00
	Power rated 6-30 HP	1.25	1.	27.00
	Each add. 6-30 HP on same permit	.50	.25	9.00
	Power rated 31-100 HP	1.25	1.25	30.00
	Each add. 31-100 HP on same permit	1.	.5	18.00
	Power rated over 100 HP	2.	.25	39.00
	Swim pool, spa, or combination	1.5	1.	30.00
	Working Permit			5.00
	Maint. Electrician annual registration			25.00
	Plan checks fee - 1/2 Permit Fee			

NOTICE — THE PERMIT FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK AS ESTABLISHED BY THE BUILDING OFFICIAL. Example: Underground Rough, Finish.

CONTRACTOR'S SIGNATURE A. W. Moffett

Cashier's Use Only

PD 4-4-83

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-2 License No. 185639

Date 2-23-83 Contractor Pacific Bldg Int.

Pacific Bldg Int. Inc 223-1124
CONTRACTOR (D B A) Phone

6363 Alhambra Ave LA. 90032.
ADDRESS City Zip

OWNER BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Owner .....

WORKERS COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Workers Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 82-WC-116691-0 Company Mission Ins.

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date 2-23-83 Applicant Ad J. Baca

CERTIFICATE OF EXEMPTION FROM WORKERS COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name None

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Ad J. Baca 2-23-83
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 573-1211
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO. 15265

LEGAL DESCRIPTION LOT ..... BLOCK ..... TRACT .....

JOB ADDRESS 1977 Saturn St.

OWNER Lloyds Bank Ca. PHONE 727-3241

OWNER ADDRESS 1977 Saturn St. CITY M.P. ZIP 727-3264

ENGINEER None STATE LIC. ..... PHONE .....

ARCH.-DESIGNER None STATE LIC. ..... PHONE .....

CONTRACTOR Pacific Building Interiors Inc 223-1124 PHONE .....

PLAN CHECK	52.00
ENERGY ANALYSIS	
BUILDING PERMIT	52.00
EARTH QUAKE	.50
PLAN STORE	
TOTAL $ FEE	104.50

JOB DESCRIPTION: NEW ☐ ADD ☒ DEMO ☐ FIRE ☐

Wall relocation, Bldg addl & alteration work

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION: EXT. WALLS Conc. | ROOF | FLOOR Conc.

JOB ADDRESS 1977 Saturn St.

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 4440.00

ENERGY ANALYSIS APPROVED PLAN CHECK APPROVED

BUILDING PERMIT APPROVED Paul Schmingen DATE 2-23-83

NO. UNITS	BEDROOMS/UNIT	PARKS & RECREATION FEE
		DEMO CR_____ AMT DUE $ _____

PARKING ..... PLOT PLAN .....

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

MAP NO.	
ZONE	
OCCUP GROUP	B-2
CONST. TYPE	I
LOT SIZE	
APP DAYTE	
ENGINEERING	
PLANNING	
FIRE DEPT	
WORK COMP	7-1-83
FINAL INSPECTION	Bill Davis 4-28-83

CASH ENTRIES USE ONLY

PLAN CHECK .....
ENERGY ANALYSIS .....
BUILDING PERMIT .....
EARTH QUAKE .....
PLAN STORAGE 2-23-83 JR

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 380 157

Exp. Date 8-31-83 Signature of Contractor Alan W. Truffett

JOHN R. FUGLINI
CAROL 634-6780
CONTRACTOR (D B A) Phone

15729 Texaco Ave Paramount 90723
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. NIB08 0291 Company FARMER'S Insurance Exchange

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 6-6-83 Applicant Carol Electric Co.

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Comp. provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct, agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Alan W. Truffett 6-6-83
Signature of Owner or Contractor ONLY Date

Owner Verified By: City Lic. Verified By: 10271

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 Saturn Ave

☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT PERMIT

OWNER Lloyds Bank PHONE
ADDRESS 1977 Saturn CITY Mont. Park
CONTRACTOR Carol Elect. PHONE 634-6780
WORK COMP. NIB 08 0291 ISSUED BY AM
SPECIAL INSP 7-6-83 DATE 6/6/83

PERMIT NO. 16382

PERMIT FEE	106.00
PLAN CHECK	
ENERGY FEE	
TOTAL FEES	106.00

	Permit Issuance Fee	RO	FIN.	$10.00
4	Service, Sub-panels, up to 600 volts, or 200 amp. 100 AMP	1.	1.	24.00
	Over 600 volts, or 200 to 600 amp.	2.	50	30.00
	Over 600 volts, or 200 to 6000 amp.	2.	1.	36.00
	Sub-pane	.2a	.25	6.00
	Temporary power pole Parking at standard		1.	12.00
	Each additional pole or circuit		75	6.00
	( ) Outlets, ( ) appl. outlets, ( ) receptacles, ( ) switches, ( ) fixtures ( ) festoon lighting, constr. power ers, 10 outlets.	1.	1.	24.00
	Each additional of the above.	.125	.175	.60
	Misc. Equip., ( ) small appl., ( ) appl. circ., ( ) branch circ., ( ) busway sys., ( ) sign base, ( ) flasher, ( ) timer, ( ) misc. circuit or conductor, ( ) under ground. 1 inspection each.		1.	12.00
	Two inspections required for each	1.	1.	24.00
	Inspection for each additional item same permit	.25	.25	6.00
	Power Apparatus (Rated: HP - KW - KVA) Motor, heating systems appliance etc. Rated 0-5 HP	1.	1.	24.00
	Each add. 0-5 HP on same permit	.25	.25	6.00
	Power rated 6-30 HP	1.25	1.	27.00
	Each add. 6-30 HP on same permit	.50	.25	9.00
	Power rated 31-100 HP	1.25	.25	30.00
	Each add. 31-100 HP on same permit	1.	.5	18.00
	Power rated over 100 HP	2.	.75	39.00
	Swim pool, spa, or combination	1.5	1.	30.00
	Working Permit			5.00
	Maint. Electrician, annual registration			25.00

Plan check fee - ½ Permit Fee

Jan 28 83 David Perdue

NOTICE — THE PERMIT FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK AS ESTABLISHED BY THE BUILDING OFFICIAL. Example: Underground, Rough, Finish.

CONTRACTORS SIGNATURE Alan W. Truffett

Cashier's Use Only
PD 6-7-83

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 380157

Exp. Date 8-31-83 Signature of Contractor Alan W. Moffett

CAROL Electric Co. 634-6780
CONTRACTOR (D B A) Phone

15729 Texaco Paramount 90723
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

.....

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. NIB 82-0291 Company Farmers Truck Exchange

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 8-2-83 Applicant CAROL ELECTRIC

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

.....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Alan W. Moffett 8-2-83
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 30 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 Saturn Ave

☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

PERMIT NO. 16493

OWNER Lloyds Bank PHONE

ADDRESS 1977 Saturn Ave CITY Mont. Park

CONTRACTOR Carol Elect. PHONE 634-6780

WORK COMP. Farmers Truck ISSUED BY

SPECIAL INSP 8-1-84 DATE 8-2-83

PERMIT FEE	34.—
PLAN CHECK	
ENERGY FEE	
TOTAL FEES	34.—

		RQ.	FN.	$10.00
	Permit Issuance Fee			
	Service, sub panels, up to 600 volts or 200 amp.	1.	1.	24.00
	Over 600 volts, or 201 to 1000 amp.	2.	.50	30.00
	Over 600 volts or 1001 to 6000 amp.	3.	1.	36.00
	Sub panel	.25	.25	6.00
	Temporary power pole, Parking lot standard		1.	12.00
	Each additional pole or circuit		.25	6.00
	(1) Outlets, ( ) app. outlets ( ) receptacles, ( ) switches, ( ) fixtures ( ) festoon lighting, ( ) sign power circ., ( ) 10 outlets.	1.	1.	24.00
	Each additional of the above.	.125	.125	3.00
	Misc. Equip: ( ) total appl. ( ) appl circ. ( ) branch circ. ( ) busway syst., ( ) sign ballast, ( ) flasher ( ) motor, ( ) misc. conduit or conductors ( ) under ground. ( ) Inspection each.		1.	12.00
	Two inspections required for each.	1.	1.	24.00
	Inspection for each additional from same permit.	.25	.25	6.00
	Power Apparatus (Rated) HP KW KVAI			
	Motor, heating, plating appliances, etc. Rated 0.5 HP	1.	1.	24.00
	Each add. 0.5 HP on same permit	.25	.25	6.00
	Power rated 6.30 HP	1.25	1.	27.00
	Each add. 6.30 HP on same permit	.50	.25	9.00
	Power rated 31-100 HP	1.25	1.25	30.00
	Each add. 31-100 HP or same permit	1.	.5	18.00
	Power rated over 100 HP	2.	1.25	39.00
	Swim pool, spa or combination	1.5	1.	30.00
	Working Permit			5.00
	Maint. Electrician, annual registration			25.00
	Plan check fee ½ Permit Fee			

NOTICE — THE PERMIT FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK AS ESTABLISHED BY THE BUILDING OFFICIAL. Example: Underground, Rough, Finish.

CONTRACTORS SIGNATURE Alan W. Moffett

Cashier's Use Only

8-2-83

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 301083

Exp. Date ..... Signature of Contractor John R Young

Langstaff Electric 447-8184
CONTRACTOR (D B A) Phone

X 610 No San Jin Anita Arcadia
ADDRESS City Zip 91006

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.)):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. RCS 105418 Company Royal Ins

☒ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 9-24-84 Applicant Langstaff Elect

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X [signature] III
Signature of Owner or Contractor ONLY Date

Owner Verified By: RJ	City Lic. Verified By: [signature]

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection or job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN ST

☐ DWLG ☐ APTS ☒ COMM. ☒ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT PERMIT

PERMIT NO. 17248

OWNER Lloyds PHONE 727-3265
ADDRESS 1977 Saturn CITY 447-8184
CONTRACTOR Langstaff Electric PHONE
ADDRESS 610 No San Jin Anita Arcadia
WORK COMP 7-1-85 ISSUED BY Paul S DATE 9-24-84

PERMIT FEE	119.00
PLAN CHECK	
ENERGY FEE	
PENALTY FEE	
TOTAL FEES	119.00

Each			
	Permit Issuance Fee	$10.00	10.00
	Service, Sub-panels, up to 600 volts, or 200 amp.	24.00	
	Over 600 volts, or 201 to 1000 amp.	30.00	
	Over 600 volts, or 1001 to 6000 amp	36.00	
	Sub-panel	6.00	
	Temporary power pole, Parking lot standard	12.00	
	Each additional pole or circuit	6.00	
10	( ) Outlets, ( ) appl. outlets, (108) receptacles, ( ) switches, ( ) fixtures ( ) fesroon lighting, constr. power circ., 1-10 outlets.	24.00	24.00
98	Each additional of the above.	.50	49.00
1	Misc. Equipt ( ) small appl., ( ) appl. circ., (5) branch circ., ( ) busway syst., ( ) sign ballast, ( ) heater, ( ) timer, ( ) misc. conduit or conductor, ( ) under ground. inspection each.	12.00	12.00
4	Two inspections required for each.	24.00	
	Inspection for each additional item, same permit.	6.00	24.00
	Power Apparatus (Rated: HP - KW - KVA) Motor, heating systems appliance etc. Rated 0-5 HP	24.00	
	Each add. 0-5 HP on same permit	6.00	
	Power rated 6-30 HP	27.00	
	Each add. 6-30 HP on same permit	9.00	
	Power rated 31-100 HP	30.00	
	Each add. 31-100 HP on same permit	18.00	
	Power rated over 100 HP	39.00	
	Swim pool, spa or combination	30.00	
	Working Permit	5.00	
	Maint. Electrician, annual registration	25.00	
	Plan check fee ½ Permit Fee		

NOTICE — THE PERMIT FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK AS ESTABLISHED BY THE BUILDING OFFICIAL. Example: Underground, Rough, Finish. CONTRACTORS SIGNATURE X [signature] III

JOB FINAL 10-11-84 George Reid

TOTAL 119.00

Cashier's Use Only Paid 9-24-84

DECLARATIONS

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LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-1 License No. 488629

Exp. Date ..... Signature of Contractor .....

PACIFIC BUILDING INT 223-1124
CONTRACTOR (D B A) Phone

5363 ALHAMBRA L.A 90032
ADDRESS City Zip

OWNER BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9 (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00).):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WC 42-0784-16443 Company HAYDEN-BOETTCHER

☑ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety

Date 10-17-84 Applicant K. DON RANDOLPH

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name N/A

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor ONLY — Date 10/17/84

Owner Verified By:	City Lic. Verified By: AHK

IMPORTANT

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO. 17132

JOB ADDRESS 1977 SATURN

LEGAL DESCRIPTION LOT TRACT

OWNER LLOYDS BANK PHONE 613-2993

OWNER ADDRESS 612 S. FLOWER ST. CITY CA ZIP

ENGINEER STATE LIC. PHONE

ARCH.-DESIGNER STATE LIC. PHONE

CONTRACTOR PACIFIC BUILDING INTERIORS PHONE

CONTRACTOR ADDRESS CITY ZIP

JOB DESCRIPTION	NEW	ADD	DEMO	FIRE
		X		

INTERIOR PARTITIONS - 2ND FLOOR OFFICE
WALL EXTENTIONS

NO. UNITS	BEDROOMS/UNIT	PARKS & RECREATION FEE
		DEMO CR_____ AMT DUE $ _____

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. OFF-STREET PARKING
2000 SQ FT				

MATERIAL OF CONSTRUCTION	EXT WALLS	ROOF	FLOOR

JOB ADDRESS 1977 SATURN

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 10,000

ENERGY ANALYSIS APPROVED PLAN CHECK AHK. APPROVED

BUILDING PERMIT APPROVED AHK. 10/17/84 DATE

FINAL INSP. IS DEPENDANT ON APPROVAL OF FIRE SPRINKLERS

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE:

PLAN CHECK	84.00
ENERGY ANALYSIS	—
BUILDING PERMIT	84.50
EARTH QUAKE	—
PLAN STORE	
TOTAL FEE $	169.00

MAP NO.	
ZONE	
OCCUP GROUP	
CONST TYPE	
LOT SIZE	
AFFIDAVITS	
ENGINEERING	
PLANNING	
FIRE DEPT	
WORK COMP. EXP.	2-12-85
FINAL INSPECTION	Dave Sanchez 12-27-84

CASHIER'S USE ONLY

10/17/84

DECLARATIONS

This Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class B, C-10 License No. 364094

Exp. Date 6-1-88 Signature of Contractor X Mark D Bryant

(213)770-2260

J.H. BRYANT JR CONTR. INC
CONTRACTOR (D B A) Phone

17217 S. BROADWAY, GARDENA 90248
DRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 291 7-00-054704 Company WAUSAU

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 6-27-86 Applicant X Mark D Bryant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: IF, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X Mark D Bryant 6-27-86
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California
BUILDING PERMIT APPLICATION

PERMIT NO 18901

JOB ADDRESS 1977 SATURN

LEGAL DESCRIPTION LOT TRACT

OWNER Lloyds BANK PHONE

OWNER ADDRESS 1977 SATURN CITY MONTEREY PARK ZIP

ENGINEER STATE LIC. PHONE

ARCH.-DESIGNER STATE LIC. PHONE

CONTRACTOR J.H. Bryant Jr. Contr. Inc PHONE 213 770 2260

CONTRACTOR ADDRESS 17217 S. Broadway CITY Gardena ZIP 90248

JOB DESCRIPTION NEW ADD ☒ DEMO FIRE

Build office partition 37 Linial feet 9'-0" High

NO. UNITS BEDROOMS/UNIT PARKS & RECREATION FEE

DEMO CR____ AMT DUE $ ____

BUILDING AREA GARAGE AREA STORIES HEIGHT NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION EXT WALLS ROOF FLOOR

JOB ADDRESS 1977 SATURN

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 1500 ⁰⁰

ENERGY ANALYSIS APPROVED PLAN CHECK APPROVED

BUILDING PERMIT APPROVED Paul Cunningham 6/27/86 DATE

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE:

PLAN CHECK	35.⁰⁰
ENERGY ANALYSIS	—
BUILDING PERMIT	35.⁰⁰
EARTH QUAKE	.50
PLAN STORE	—
	—
TOTAL FEE $	70.⁵⁰

MAP NO.

ZONE S

OCCUP GROUP

CONST. TYPE

LOT SIZE

ENGINEERING

PLANNING S

FIRE DEPT

WORK COMP EXP. 7-1-87

FINAL INSPECTION Yuen Kao 7-28-86

CASHIER'S USE ONLY

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 364044

Exp. Date 6-1-88 Signature of Contractor X Mark D Bryant

213
J.H. BRYANT Jr CONTR 770-2260
CONTRACTOR (D B A) Phone

17217 S. BROADWAY, GARDENA 90248
Address City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ , as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 2027-00-057204 Company WAUSAU

☒ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 7-2-86 Applicant X Mark D Bryant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

.....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X Mark D Bryant 6-27-86
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS:

☐ DWLG ☐ APTS ☐ COMM. ☐ ALTNS ☐ REPAIR

PERMIT NO. 18365

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

OWNER	LLoyds BANK	PHONE	
ADDRESS	1977 SATURN	CITY	MONTERAY PARK
CONTRACTOR	J.H. BRYANT Jr.	PHONE	213 770-2260
ADDRESS	17217 S. BROADWAY, GARDENA		

WORK COMP. | ISSUED BY Paul S | DATE 6/27/86

PERMIT FEE	27.00	
PLAN CHECK		
ENERGY FEE		
PENALTY FEE		
TOTAL FEES	27.00	

Quantity			
	Permit Issuance Fee	$12.00	12.00
	Services EACH up to 600 volts and/or 200 amps	20.00	
	Over 600 volts and/or 201 to 1200 amps	40.00	
	Over 600 volts and 1201 to 6000 amps	80.00	
	Sub-panel or Switch Board EACH	12.00	
	Temporary power pole - ONE	15.00	
	Each additional pole	8.00	
2	Outlets: 1-10 of the following ( )Outlets (/)Receptacles (/)Switches ( )Fixtures ( )	15.00	15.00
	Each additional of the above	.75	
	Misc.Equip. Each: ( )Dishwasher ( )Disposal ( ) ( )Clotheswasher ( )Bath Fans ( )Sign Circuit ( )Festoon 20 Lights ( )Bus/Raceway ( )Branch Circuit	5.00	
	Power Apparatus, Motors, Heating Systems, Electric Powered Equipment (Rated: HP=KW=KVA) Rated 0-5 HP	18.00	
	Each additional 0-5 HP or same permit	9.00	
	Power rated 6-30 HP	22.00	
	Each additional 6-30 HP or same permit	12.00	
	Power rated 31-100 HP	32.00	
	Each additional 31-100 HP on same permit	24.00	
	Power rated over 100 HP EACH	45.00	
	Swim Pool, Spa or in Combination	35.00	
	Working Permit	25.00	
	Maintenance Electrician Annual Registration	30.00	
	Plan Check Fee		
		Total	27.00

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

Cashier's Use

CONTRACTOR'S SIGNATURE: X Mark D Bryant

Job Final Yes Kab Date 7-28-86

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class ..... License No. 402483

Exp. Date 12-30-86 Signature of Contractor .....

BRYANT MAINTENANCE CONSTRUCTION 213 770 2260
CONTRACTOR (D B A) Phone

17217 S. Broadway Gardena 90248
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's license law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 2017-00-05470 Company WAUSAU

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 12-2-86 Applicant J.H. Bryant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor ONLY — Date 12-3-86

Owner Verified By: RJ

City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN ST.

☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT PERMIT

PERMIT NO. 18588

OWNER SANWA BANK OF CAL PHONE 7273245
ADDRESS SAME CITY

CONTRACTOR BRYANT MAINT. CONSTRUCTION PHONE 213 770 2260
ADDRESS 17217 S. BROADWAY GARDENA 90248

WORK COMP 1/1/87 ISSUED BY Paul S DATE 12/8/86

PERMIT FEE		57.00	
PLAN CHECK		-	
ENERGY FEE		-	
PENALTY FEE			
TOTAL FEES		57.00	

Quantity			
	Permit Issuance Fee	$12.00	12.00
	Services EACH up to 600 volts and/or 200 amps	20.00	
	Over 600 volts and/or 201 to 1000 amps	40.00	
	Over 600 volts and 1001 to 6000 amps	60.00	
	Sub-panel or Switch Board EACH	12.00	
	Temporary power pole - ONE	15.00	
	Each additional pole	8.00	
42	Outlets: 1-10 of the following (19)Outlets (19)Receptacles (4)Switches (19)Fixtures ( )	15.00	15.00
	Each additional of the above	.75	24.00
	Misc.Equip. Each: ( )Dishwasher ( )Disposal ( ) ( )Clotheswasher ( )Bath Fans ( )Sign Circuit ( )Festoon 25 Lights ( )Bus/Raceway ( )Branch Circuit	5.00	
	Power Apparatus, Motors, Heating Systems, Electric Powered Equipment (Rated: HP-KW KVA) Rated 0-5 HP	18.00	
	Each additional 0-5 HP on same permit	9.00	
	Power rated 6-30 HP	22.00	
	Each additional 6-30 HP on same permit	12.00	
	Power rated 31-100 HP	32.00	
	Each additional 31-100 HP or same permit	24.00	
	Power rated over 100 HP EACH	45.00	
	Swim Pool, Spa or In Combination	35.00	
	Working Permit	25.00	
	Maintenance Electrician - Annual Registration	30.00	
	Plan Check Fee		
		Total	57.00

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

CONTRACTOR'S SIGNATURE: Mark W Bryant Date 12-3-86

Job Final 12986 Dave Mendez

Cashier's Use

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-1 License No. 402483

Exp. Date 12-30-86 Signature of Contractor O. N. Bryant

BRYANT MAINTENANCE CON.
CONTRACTOR (D B A) Phone

7217 S. BROADWAY 90248.
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason: (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. , B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 2077-00-05470 Company WAUSAU

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 10/3/86 Applicant O. N. Bryant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X .....
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days this permit shall become null and void by time limitation. A signed inspection or job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO. 19132

JOB ADDRESS 1977 SATURN ST

LEGAL DESCRIPTION LOT TRACT 6131

OWNER SANWA BANK OF CALIF. PHONE 727-3265

OWNER ADDRESS SAME CITY ZIP

ENGINEER STATE LIC. PHONE

ARCH.-DESIGNER STATE LIC. PHONE

CONTRACTOR BRYANT MAINTENANCE CONSTRUCTION (213) PHONE 770-2260

CONTRACTOR ADDRESS 7217 S. BROADWAY CITY GARDENA ZIP 90249

JOB DESCRIPTION | NEW | ADD X | DEMO | FIRE |

TENANT IMPROVEMENT - OFFICE PARTITIONS

RE ARRANGEMENT - BUILD NON BEARING

NO. UNITS	BEDROOMS/UNIT	PARKS & RECREATION FEE
		DEMO CR____ AMT DUE $ ____

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION	EXT. WALLS	ROOF	FLOOR

JOB ADDRESS 1977 SATURN

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 8000.00

ENERGY ANALYSIS APPROVED PLAN CHECK P.C. APPROVED 10-3-86

BUILDING PERMIT APPROVED Peter Jung DATE

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE:

PLAN CHECK	94.00
ENERGY ANALYSIS	
BUILDING PERMIT	94.00
EARTH QUAKE	56
PLAN STORE	
TOTAL FEE	$ 188.56

MAP NO.

ZONE

OCCUP GROUP

CONST. TYPE

LOT SIZE

ENGINEERING

PLANNING BD.

FIRE DEPT. RM.

WORK COMP EXP. 7/1/87

FINAL INSPECTION Daniel Sanchez 12-9-86

CASHIER'S USE ONLY

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 402483

Exp Date 9/87 Signature of Contractor J. N Bryant for

Bryant Maint. Construction 532-1840
CONTRACTOR (D B A) Phone

17217 S. Broadway Gardena 90248
Address City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9 (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 2017-00-054704 Company SUPERIORS

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 2/10/87 Applicant J. N Bryant for

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X .....
Signature of Owner or Contractor ONLY Date

Owner Verified By: City Lic. Verified By: SLO

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN

☐ DWLG ☐ APTS ☐ COMM. ☐ ALTNS ☐ REPAIR

PERMIT NO. 18677

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT PERMIT

OWNER SANWA BANK OF CALIF PHONE
ADDRESS 1977 SATURN CITY
CONTRACTOR BRYANT MAINTENANCE CONSTRUC PHONE
ADDRESS 17217 S. BROADWAY, GARDENA 90248
WORK COMP 7-1-88 ISSUED BY DATE 2-10-87

PERMIT FEE		54	25
PLAN CHECK			
ENERGY FEE			
PENALTY FEE			
TOTAL FEES		54	75

Quantity			
	Permit Issuance Fee	$12.00	12.00
	Services EACH up to 600 volts and/or 200 amps	20.00	
	Over 600 volts and/or 201 to 1000 amps	40.00	
	Over 600 volts and 1001 to 6000 amps	50.00	
	Sub-panel or Switch Board EACH	12.00	
	Temporary power pole - ONE	15.00	
	Each additional pole	8.00	
47	Outlets: 1-10 of the following (47)Outlets (5)Receptacles (4)Switches (19)Fixtures (47)	15.00	15.00
	Each additional of the above	.75	27.75
	Misc.Equip. Each: ( )Dishwasher ( )Disposal ( ) ( )Clothespeasher ( )Bath Fans ( )Sign Circuit ( )Festoon 20 lights ( )Bus/Raceway ( )Branch Circuit	5.00	
	Power Apparatus, Motors, Heating Systems, Electric Powered Equipment (Rated: HP=KW=KVA) Rated 0-5 HP	9.00	
	Each additional 0-5 HP on same permit	9.00	
	Power rated 6-30 HP	22.00	
	Each additional 6-30 HP on same permit	12.00	
	Power rated 31-100 HP	32.00	
	Each additional 31-100 HP on same permit	24.00	
	Power rated over 100 HP EACH	45.00	
	Swim Pool, Spa or in Combination	35.00	
	Working Permit	25.00	
	Maintenance Electrician - Annual Registration	30.00	
	Plan Check Fee		
		Total	54 75

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

CONTRACTOR'S SIGNATURE: J. N Bryant for

Job Final David Landry Date 4-10-87

Cashier's Use

(818)367-1338

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 464280

Exp. Date 12/31/88 Signature of Contractor X Richard Hernandez

RAMTECH LIGHTING, 442-0886
CONTRACTOR (D B A) Phone

or 31 REMER ST. S.EL MONTE
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 703 .5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation will do the work and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKERS COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. ..... Company SELF-INSURED

☑ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date ..... Applicant X Richard Hernandez

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Comp. provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X Richard Hernandez 3/20/87
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN

☐ DWLG ☐ APTS ☐ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

PERMIT NO. 18702

OWNER SAKURA BANK PHONE

ADDRESS 1977 SATURN CITY

CONTRACTOR RAMTECH LIGHTING PHONE 442-0886

ADDRESS 9637 REMER ST. S.EL MONTE

WORK COMP. ☐ ISSUED BY ☑ DATE 3-9-87

PERMIT FEE	6 75
PLAN CHECK	
ENERGY FEE	
PENALTY FEE	
TOTAL FEES	6 75

Quantity			
	Permit Issuance Fee	$12.00	
	Services EACH up to 600 volts and/or 200 amps	20.00	
	Over 600 volts and/or 201 to 1000 amps	40.00	
	Over 600 volts and 1001 to 6000 amps	50.00	
	Sub-panel or Switch Board EACH	12.00	
	Temporary power pole - ONE	15.00	
	Each additional pole	8.00	
10	Outlets: 1-10 of the following ( )Outlets ( )Receptacles ( )Switches ( )Fixtures ( )	6.00	15.00
73	Each additional of the above	.75	54.75
	Misc.Equip. Each: ( )Dishwasher ( )Disposal ( ) ( )Clotheswasher ( )Data Pons ( )Sign Circuit ( )Festoon 20 Lights ( )Bus/Raceway ( )Branch Circuit	6.00	
	Power Apparatus, Motors, Heating Systems, Electric Powered Equipment (Rated: HP=KW=KVA) Rated 0-5 HP	12.00	
	Each additional 0-5 HP on same permit	6.00	
	Power rated 6-30 HP	22.00	
	Each additional 6-30 HP on same permit	12.00	
	Power rated 31-100 HP	32.00	
	Each additional 31-100 HP on same permit	22.00	
	Power rated over 100 HP EACH	45.00	
	Swim Pool, Spa or in Combination	35.00	
	Working Permit	25.00	
	Maintenance Electrician - Annual Registration	30.00	
	Plan Check Fee		
		Total	69.75

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

Cashier's Use

CONTRACTOR'S SIGNATURE:

Job Final Dave Sanchez Date 4-10-87

MAC JOB # 90706

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C20 License No. 198821

Exp. Date 8/87 Signature of Contractor Karen Yoo

Western-Allied Corp. (213)685-4050
CONTRACTOR (D B A) Phone

12046 E Florence SFS, CA 90670
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Workers' Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. PC986683 Company Republic Indemnity

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 3/11/87 Applicant Western-Allied Corp.

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 Saturn Street

☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR

PERMIT NO. 03093

MONTEREY PARK BUILDING DEPARTMENT
MECHANICAL — RECEIPT — PERMIT

OWNER SANWA Bank PHONE

ADDRESS 1977 Saturn Street Monterey Park CITY

CONTRACTOR Western-Allied Corp (213)685-4050 PHONE

ADDRESS 12046 E Florence Santa Fe Springs 90670

WORK COMP. 8-1-87 ISSUED BY DATE 3-23-87

PERMIT FEE	$2.00	
PLAN CHECK		
ENERGY FEE		
PENALTY FEE		
TOTAL FEES	$82.00	

Quantity			
	Permit Issuance Fee	$2.00	12.00
	Furnace, new or relocate, up to 100M B.T.U.	20.00	
	Each additional furnace up to 100M B.T.U. on same permit	15.00	
	Furnace, new or relocate over 100M B.T.U.	25.00	
	Each additional furnace over 100M B.T.U. on same permit	20.00	
	Appliance vent: new, replace or relocate	12.00	
10	Diffusers or registers, 1-10	15.00	15.00
5	Each diffuser or register over 10	2.00	10.00
	Refrigeration or absorption unit new, alter, or relocate	20.00	
	Each additional of above on same permit	15.00	
	Compressor or boiler up to 3 HP or 100M B.T.U.	15.00	
	Compressor or boiler, 4-15 HP or 101-500M B.T.U.	20.00	
	Compressor or boiler, 16-30 HP or 501-1000M B.T.U.	30.00	
	Compressor or boiler, over 30 HP or over 1000M B.T.U.	60.00	
	Air handler to 10M C.F.M.	15.00	
	Air handler over 10M C.F.M.	25.00	
	Evaporative cooler	15.00	
3	Vent fan, ventilation system, duct extension or alteration	15.00	45.00
	Commercial hood including ducts	40.00	
	Metal fireplace with chimney, oil fired equipment, storage tanks, dipping tanks, appliance or equipment not listed	15.00	
	Gas system, 1-5 outlets	20.00	
	Each additional gas outlet	3.00	
	Plan Check Fee		
		Total	82.00

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

CONTRACTOR'S SIGNATURE: Karen Yoo

Job Final: Dave Lanchey Date: 3/13/87
4-10-87

Cashier's Use

3-24-87

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B License No. 188629

Exp. Date ..... Signature of Contractor X Stephen White

Pacific Building Interiors 213/223-1124
CONTRACTOR (D B/A) Phone

5363 Alhambra Ave LA 90032
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date: ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. BWC605866 Company Highlands Ins.

☒ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date ..... Applicant X Stephen White

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X Stephen White
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection or job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO ~~19850~~ 19887

JOB ADDRESS 1977 SATURN STREET
LEGAL DESCRIPTION LOT TRACT 727-3264 PHONE
OWNER SANWA BANIC CITY 91754 ZIP
OWNER ADDRESS 1977 SATURN STREET STATE PHONE
ENGINEER STATE PHONE
ARCH.-DESIGNER STATE PHONE
CONTRACTOR PACIFIC BUILDING INTERIORS 223-1124 PHONE
CONTRACTOR ADDRESS 5363 ALHAMBRA AVE CITY LA ZIP 90032
JOB DESCRIPTION NEW ADD X DEMO FIRE
T.I. 28' PARTITION FOR CONFERENCE ROOM.

NO. UNITS	BEDROOMS/UNIT	PARKS & RECREATION FEE
		DEMO CR____ AMT DUE$ ____

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION	EXT. WALLS	ROOF	FLOOR

JOB ADDRESS 1977 SATORN.
VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 5000.00
ENERGY ANALYSIS APPROVED PLAN CHECK APPROVED
BUILDING PERMIT APPROVED 7-8-87 DATE
PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:
SEWER SERVICE FEE:

PLAN CHECK	
ENERGY ANALYSIS	
BUILDING PERMIT	76.00
EARTH QUAKE	50
PLAN STORE	
TOTAL FEE	$ 76.50

MAP NO.
ZONE
OCC.JP GROUP
CONST. TYPE
LOT SIZE
ENGINEERING
PLANNING JC.
FIRE DEPT RM.
WORK COMP EXP. 7-1-88.
FINAL INSPECTION David Wendtsick 1-15-88

CASHIER'S USE ONLY
7-8-87

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO. 19850

JOB ADDRESS 1977 SATURN ST

LEGAL DESCRIPTION ~~LOT~~ PARCEL 5 TRACT 33910

OWNER SANWA BANK PHONE 727-3264

OWNER ADDRESS 1977 SATURN ST. CITY MONTEREY PK. ZIP 91754

ENGINEER STATE LIC. PHONE

ARCH.-DESIGNER STATE LIC. PHONE

CONTRACTOR PHONE

CONTRACTOR ADDRESS CITY ZIP

JOB DESCRIPTION	NEW	ADD	DEMO	FIRE	

REMODEL INTERIOR WALLS

NO. UNITS	BEDROOMS/UNIT	PARKS & RECREATION FEE
		DEMO CR____ AMT DUE $ __.__

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION	EXT WALLS	ROOF	FLOOR

JOB ADDRESS

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 5000.00

ENERGY ANALYSIS APPROVED PLAN CHECK Exempt APPROVED

BUILDING PERMIT APPROVED DATE

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE:

PLAN CHECK	76.00
ENERGY ANALYSIS	—
BUILDING PERMIT	—
EARTHQUAKE	—
PLAN STORE	—
TOTAL FEE $	76.00

MAP NO.
ZONE
OCCUP GROUP
CONST. TYPE
LOT SIZE
APPROVALS
ENGINEERING
PLANNING
FIRE DEPT
WORK COMP. EXP.
FINAL INSPECTION

CASHIER'S USE ONLY

Paid 6/25/87

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B-1 License No. 402483

Exp Date 9/87 Signature of Contractor J. H. Bryant

J. H. BRYANT JR. CONTRACTOR 521-1140
CONTRACTOR (D B A) Phone

90248
17217 S. BROADWAY GARDENA
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 703.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. B. & P. C. for this reason:

Date Signature of Owner

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 2017-00-054704 Company EMPLOYERS

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 2/10/87 Applicant J. H. Bryant Jr.

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date Applicant

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name

Lender's Address

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California

BUILDING PERMIT APPLICATION

PERMIT NO 19486

JOB ADDRESS 1977 SATURN
LEGAL DESCRIPTION LOT TRACT
OWNER SANWAY BANK OF CAL PHONE
OWNER ADDRESS 1977 SATURN CITY ZIP
ENGINEER STATE LIC. PHONE
ARCH. DESIGNER STATE LIC. PHONE (213)532-1240
CONTRACTOR BRYANT MANUF. CONSTRUCTION CONTRACT PHONE
CONTRACTOR ADDRESS 17217 S. BROADWAY CITY GARDENA ZIP 90248

PLAN CHECK	82.00
ENERGY ANALYSIS	
BUILDING PERMIT	82.00
CARTHQUAKE	50
PLAN STORE	
TOTAL FEE	$ 164.50

JOB DESCRIPTION: NEW | ADD | DEMO | FIRE
T.I. NONBEARING PARTITION FOR MAIL & FILE ROOM

NO. UNITS | BEDROOMS \UNIT | PARKS & RECREATION FEE | DEMO CR____ AMT DUE $ ____

BUILDING AREA | GARAGE AREA | STORIES | HEIGHT | NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION: EXT. WALLS | ROOF | FLOOR: CONCRETE

JOB ADDRESS 1977 SATURN.
VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 6,000.00

ENERGY ANALYSIS APPROVED | PLAN CHECK APPROVED

BUILDING PERMIT APPROVED [signature] 2-10-87 DATE

PARKS PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE:

MAP NO.	
ZONE	C-M
OCCUP GROUP	
CONST TYPE	
LOT SIZE	
ENGINEERING	
PLANNING	BD
FIRE DEPT	
WORK COMP EXP.	7-1-87
FINAL INSPECTION	Daniel Beneley 4-10-87

CASHIER'S USE ONLY
[signature] 2-10-87

DECLARATIONS

The Declarations below are mandatory by the State of California under Section 9825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 201547

Exp Date ..... Signature of Contractor Ron R. Gibson

Ron Gibson Elect.
CONTRACTOR (D B A) Phone

2831 Vuelta Grande Ave. LB 90815
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 0373 Company Cal. Casualty

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date ..... Applicant Ron R. Gibson

CERTIFICATE OF EXEMPTION FROM WORKERS COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor ONLY Date

Owner Verified By: ✓ City Lic. Verified By: gte

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 Saturn

☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

PERMIT NO. ~~18865~~ 18866

OWNER Sanwa Bank PHONE

ADDRESS 1977 Saturn M P CITY

CONTRACTOR Ron Gibson Elect PHONE 597535

ADDRESS 2831 Vuelta Grande ave LB.

WORK COMP. 1-1-88 ISSUED BY ✓ DATE 7-13-87

PERMIT FEE	34 50	
PLAN CHECK		
ENERGY FEE		
PENALTY FEE		
TOTAL FEES	34 50	

Quantity			
	Permit Issuance Fee	$12.00	12 00
	Services EACH up to 600 volts and/or 200 amps	20.00	
	Over 600 volts and/or 201 to 1200 amps	40.00	
	Over 600 volts and 1201 to 6000 amps	60.00	
	Sub-panel or Switch Board EACH	12.00	
	Temporary power pole - ONE	15.00	
	Each additional pole	8.00	
10	Outlets: Total of the following ( )Outlets (8)Receptacles (2)Switches ( )Fixtures (0)	15.00	15 00
10	Each additional of the above	.75	7 50
	Misc.Equip. Each: ( )Dishwasher ( )Disposal ( ) ( )Clothesdryer ( )Clothesdryer ( )Bath Fans ( )Sign Circuit ( )Festoon 20 Lights ( )Bus/Raceway ( )Branch Circuits	5.00	
	Power Apparatus, Motors, Heating Systems, Electric Powered Equipment (Rated: HP KW=KVA) Rated 0-5 HP	18.00	
	Each additional 0-5 HP on same permit	9.00	
	Power rated 6-30 HP	22.00	
	Each additional 6-30 HP on same permit	12.00	
	Power rated 31-100 HP	32.00	
	Each additional 31-100 HP on same permit	24.00	
	Power rated over 100 HP EACH	45.00	
	Swim Pool, Spa or in Combination	35.00	
	Working Permit	25.00	
	Maintenance Electrician - Annual Registration	30.00	
	Plan Check Fee		
		Total	34 50

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

CONTRACTOR'S SIGNATURE: Ron R. Gibson

Job Final David Lansday Date 8-17-87

Cashier's Use PD 7-13-87

DECLARATIONS

The Declarations below are mandated by the State of California under Section 9825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class ..... License No. 015450 .....

Exp. Date 12/31/87 Signature of Contractor X .....

MEADOWS S/M & A/C (213) 615-1125
CONTRACTOR (D B A) Phone

90245
741 FAIRPORT ELSEGUNDO
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason. (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00).):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C. - The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason: .....

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. GC 61520 Company R.G BUSINESS INSURANCE

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 8/25/87 Applicant X Richard Justus

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X Richard Justus 8/25/87
Signature of Owner or Contractor ONLY Date

Owner Verified By: RJ	City Lic. Verified By: 12/31/87

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN

☐ DWLG ☐ APTS ☐ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
MECHANICAL — RECEIPT — PERMIT

OWNER SANWA BANK PHONE
ADDRESS 1977 SATURN CITY
CONTRACTOR MEADOWS S/M A/C PHONE 741
WORK COMP. X 7-1-88 ISSUED BY Paul S
SPECIAL INSP DATE 9-1-87

PERMIT NO. 03200

PERMIT FEE	27.00
PLAN CHECK	
ENERGY FEE	
TOTAL FEES	27.00

	RQ.	IN.	
Permit Issuance Fee			~~$10.00~~ 12.00
Furnace, new or relocate, to 100M B. T. U.	1.	1.	24.00
Each add. furnace to 100M B. T. U.	.5	.5	12.00
Furnace, new or relocate over 100M B. T. U.	.5	1.	30.00
Each additional furnace over 100M B. T. U.	1.	.25	15.00
Appliance vent: New, replace or relocate	1.		12.00
Diffusers or registers, 1-10	.5	.5	12.00
Each diffuser or register over 10		.25	1.50
Refrig. or absorp. units: new, alter or relocate	1.	1.	24.00
Each add. of above on same permit	.5	.5	12.00
Compressor, or boiler to 3 HP, or 100M B. T. U.		1.	12.00
Compressor, or boiler, 4-15 HP or 101-500M B. T. U.		1.5	18.00
Compressor, or boiler, 16-30 HP or 501-1000M B. T. U.		2	24.00
Compressor, or boiler, over 30 HP or over 1000M B. T. U.	2.	2.	48.00
Air handler to 10M C. F. M.		1.	12.00
Air handler over 10M C. F. M.	1.	1.	24.00
Evaporative cooler, permanent	.5	.5	12.00
Vent fan, ventil. system, duct ext. and alter.		1.	~~12.00~~ 15.00
Com'l. hood, kitchen vent. system, single duct or vent.	2.	1.	36.00
Appliance or equipment not listed, (metal fireplace with chimney, oil fired units, storage & disp. tanks, etc.)		1.	12.00
Gas system, 1-5 outlets,	1.	1.	24.00
Each additional gas outlet	.25	.125	1.50
Plan Check Fee - ½ Permit Fee			

NOTICE — THE PERMIT FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK AS ESTABLISHED BY THE BUILDING OFFICIAL. Example: Underground, Rough, Finish.
CONTRACTORS SIGNATURE X M. C. Amis

Cashier's Use Only
9-4-87

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-20 License No. 372794

Exp. Date 5-1-88 Signature of Contractor X

AIR MECHANICAL INC 538-4750
CONTRACTOR (D B A) Phone

1977 So Towne LA 90061
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 703 .5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractors License Law (Ch. 9 (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.).

☐ I, as owner of the property or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C. ; The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 667817 Company STATE COMP INS FUND

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date 9-1-87 Applicant X Mel Upton

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X Mel Upton
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is superded or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN STR

☐ DWLG ☐ APTS ☒ COMM. ☐ ALTNS ☐ REPAIR

MONTEREY PARK BUILDING DEPARTMENT
MECHANICAL — RECEIPT — PERMIT

OWNER SANWA BK PHONE 727-3264
ADDRESS 1977 SATURN CITY MTRY PK
CONTRACTOR AIR MECHANICAL PHONE 538-4750
WORK COMP. X 10-1-88 ISSUED BY Paul S
SPECIAL INSP DATE 9-10-87

PERMIT NO 03207

PERMIT FEE	47.00
PLAN CHECK	
ENERGY FEE	
TOTAL FEES	47.00

	Permit Issuance Fee	R.O.	FIN.	~~$10.00~~ 12.00
	Furnace, new or relocate, to 100M B. T. U.	1.	1.	24.00
	Each add. furnace to 100M B. T. U.	.5	.5	2.00
	Furnace, new or relocate over 100M B. T. U.	1.5	1.	30.00
	Each additional furnace over 100M B. T. U.	1.	25	15.00
	Appliance vent: New, replace or relocate	1.		12.00
2	Diffusers or registers, 1-10	.5	.5	~~12.00~~ 15.00
	Each diffuser or register over 10		25	.50
	Refg. or absorp. units: new, alter or relocate	1.	1.	24.00
	Each add. of above on same permit	.5	.5	12.00
	Compressor, or boiler, to 3 HP, or 100M B. T. U.		1.	12.00
1	Compressor or boiler, 4-15 HP or 3-M-500M B. T. U.		.5	~~18.00~~ 20.00
	Compressor, or boiler 16-30 HP or 501-1000M B. T. U.		2.	24.00
	Compressor, or boiler, over 30 HP or over 1000M B. T. U.	2.	2.	48.00
	Air handler to 10M C. F. M.		1.	12.00
	Air handler over 10M C. F. M.	1.	1.	24.00
	Evaporative cooler permanent	.5	.5	12.00
	Vent fan, ventil. system, duct ext. and alter.	1.	1.	12.00
	Comm. hood kitchen vent. system single duct or vent.	2.	1.	36.00
	Appliance or equipment not listed, (metal fireplace with chimney, oil fired equip. storage & oper. tanks, etc.)		1.	2.00
	Gas system, 1-5 outlets,	1.	1.	24.00
	Each additional gas outlet	.25	.125	.50
	Plan Check Fee ½ Permit Fee			

10-3-87 Paid

NOTICE — THE PERMIT FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK AS ESTABLISHED BY THE BUILDING OFFICIAL. Example: underground, Rough, Finish.

CONTRACTORS SIGNATURE X Mel Upton

Cashier's Use Only

9-11-87

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 293408

Exp. Date 88 Signature of Contractor Frank Ballardo

BALLARDO EL.
CONTRACTOR (D B A) Phone

17303 OSBORNE LA. 91325
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structures, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. ..... Company .....

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date ..... Applicant .....

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 10-7-87 Applicant Frank Ballardo

NOTICE TO APPLICANT: If, after making this Certificate of Exemption you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Frank Ballardo 10-7-87
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS: 1977 SATURN ST.

☐ DWLG ☐ APTS ☑ COMM. ☐ ALTNS ☐ REPAIR

PERMIT NO. 18981

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL — RECEIPT — PERMIT

OWNER SANWA BANK PHONE

ADDRESS 1977 SATURN CITY M.P.

CONTRACTOR BALLARDO EL. PHONE 993/0330

ADDRESS 17303 OSBORNE ST.

WORK COMP. N/A ISSUED BY [signature] DATE 10-7-87

PERMIT FEE	33.00
PLAN CHECK	
ENERGY FEE	
PENALTY FEE	
TOTAL FEES	33.00

Quantity		
	Permit Issuance Fee ~~$15.00~~	15.00
	Services EACH up to 600 volts and/or 200 amps	20.00
	Over 600 volts and/or 201 to 1000 amps	40.00
	Over 600 volts and 1001 to 6000 amps	50.00
	Sub-panel or Switch Board EACH	12.00
	Temporary power pole - ONE	15.00
	Each additional pole	8.00
	Outlets: 1-10 of the following ( )Outlets ( )Receptacles ( )Switches ( )Fixtures ( )	15.00
	Each additional of the above	.75
	Misc.Equip. Each: ( )Dishwasher ( )Disposal ( ) ( )Clotheswasher ( )Bath Fans ( )Sign Circuit ( )Festoon 20 Lights ( )Bus/Raceway ( )Branch Circuit	5.00
1	Power Apparatus, Motors, Heating Systems, Electric Powered Equipment (Rated: HP-KW-KVA) Rated 0-5 HP	15.00
	Each additional 0-5 HP on same permit	9.00
	Power rated 6-30 HP	22.00
	Each additional 6-30 HP on same permit	12.00
	Power rated 31-100 HP	32.00
	Each additional 31-100 HP on same permit	24.00
	Power rated over 100 HP EACH	45.00
	Swim Pool, Spa or in Combination	35.00
	Working Permit	25.00
	Maintenance Electrician - Annual Registration	30.00
	Plan Check Fee	
	Total	33.00

~~15.00~~ 18.00

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

CONTRACTOR'S SIGNATURE: Frank Ballardo

Job Final [signature] Date 10-23-87

Cashier's Use 10-7-87

DECLARATIONS

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LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class C-20 License No. 372794

Exp. Date 5-1-88 Signature of Contractor X

AIR MECHANICAL INC 538-4750
CONTRACTOR (D B A) Phone

11 18 So Towne Av LA 90061
DRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

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☐ I am exempt under Sec. ..... B. & P. C. for this reason

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 667817 Company STATE COMP INS. FUND.

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 9-1-87 Applicant X Mel Upton

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

X Mel Upton 9-1-87
Signature of Owner or Contractor ONLY Date

Owner Verified By: RS	City Lic. Verified By: Mel Upton

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California
BUILDING PERMIT APPLICATION

PERMIT NO. 20095

JOB ADDRESS 1977 SATURN STR.

LEGAL DESCRIPTION LOT TRACT

OWNER SANWA BK PHONE 727-3264

OWNER ADDRESS 1977 SATURN STR. CITY MTRY PK ZIP 91754

ENGINEER STATE LIC. PHONE

ARCH.-DESIGNER STATE LIC. PHONE

CONTRACTOR AIR MECHANICAL INC PHONE 538-4750

CONTRACTOR ADDRESS 14208 So Towne CITY L.A. ZIP 90061

JOB DESCRIPTION NEW ADD DEMO FIRE

Add backup A/C

Valuation —

NO. UNITS | BEDROOMS/UNIT | PARKS & RECREATION FEE | DEMO CR.____ AMT DUE $ ____

BUILDING AREA | GARAGE AREA | STORIES | HEIGHT | NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION | EXT. WALLS | ROOF | FLOOR

JOB ADDRESS 1977 SATURN STR. MTRY PK

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $12,756.00

ENERGY ANALYSIS APPROVED | PLAN CHECK APPROVED

BUILDING PERMIT APPROVED Paul Schumacher 9-10-87 DATE

PARKING PLOT PLAN

VALIDATION IN BELOW SPACE INDICATES ONLY THAT A FEE HAS BEEN PAID AS REQUIRED BY THE CITY CODE

SCHOOL DISTRICT FEES:

SEWER SERVICE FEE:

PLAN CHECK	—
ENERGY ANALYSIS	—
BUILDING PERMIT	124.00
EARTH QUAKE	—
PLAN STORE	—
	—
TOTAL FEE $	124.00

MAP NO.	
ZONE	
OCCUP GROUP	R-3
CONST. TYPE	I-FR
LOT SIZE	
ENGINEERING	—
PLANNING	—
FIRE DEPT.	—
WORK COMP. EXP.	X 10-1-88
FINAL INSPECTION	Daniel Sanchez 10-23-87

CASHIER'S USE ONLY

9-1-87

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE: 307-1300
320 West Newmark Ave. - Monterey Park, California
BUILDING PERMIT APPLICATION

PERMIT NO 20407

JOB ADDRESS 1977 SATURN ST.

LEGAL DESCRIPTION LOT TRACT

OWNER SANWA BANK CALIFORNIA PHONE

OWNER ADDRESS SANWA BANK PLACE CITY LOS ANGELES CA ZIP 90054

ENGINEER STATE LIC. PHONE

ARCH.-DESIGNER LUIS COLLAZO STATE LIC. PHONE (213) 727-3263

CONTRACTOR PHONE

CONTRACTOR ADDRESS 1977 SATURN CITY MONTPK ZIP 91754

JOB DESCRIPTION	NEW	ADD	DEMO	FIRE	

GREASE INTERCEPTOR
1500 GALS

NO. UNITS	BEDROOMS \UNIT	PARKS & RECREATION FEE
		DEMO CR____ AMT DUE $ ____

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NO. BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION	EXT WALLS	ROOF	FLOOR

JOB ADDRESS 1977 SATURN ST.

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $

APPROVED

ENERGY ANALYSIS

APPROVED

PLAN CHECK

PLAN CHECK	100.00
ENERGY ANALYSIS	
BUILDING PERMIT	114.00
EARTH QUAKE	
PLAN STORE	
INSP FEE	110.00
TOTAL FEE $	324.00

MAP NO.	
ZONE	
OCCUP GROUP	
CONST TYPE	
	214.00
ACC #	10385 P
LOT SIZE	
AFFIDAVITS	110.00
ACC #	10300 #
CHECK #	324.00
ENGINEERING	
ACC #	10455
PLANNING	11/18/87
FIRE DEPT	

CITY OF MONTEREY PARK
BUILDING DEPARTMENT PHONE 307-1300
320 W. Newmark Ave. - Monterey Park, Ca. 91754

BUILDING PERMIT

PERMIT NO. 21467
~~21431~~

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B License No. 281769
Exp. Date 8-1-88 Signature of Contractor

Crandall and Sons, Inc 943-0191
CONTRACTOR (D B A) Phone
16103 Lisco St Whittier Ca 90603
ADDRESS City Zip

OWNER BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☑ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date 6/9/88 Signature of Owner [signature]

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. ~~XWW(80)~~ 5003495685 Company West America

☑ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 6/8/88 Applicant Barbara Tarler

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

[signature] for SANWA BANK 6/9/88
Signature of Owner or Contractor ONLY Date

Owner Verified By: City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS 1977 Saturn Street
LEGAL DESCRIPTION LOT TRACT
OWNER Sanwa Bank Cal. Phone (213)727-3265
OWNER ADDRESS 1977 Saturn St. City Monterey Park Zip 91754
ENGINEER N/A State Lic. Phone
ARCH. DESIGNER N/A State Lic. Phone
CONTRACTOR Crandall & Sons, INC. #281769 (213)943-0191 State Lic. Phone
ADDRESS 16103 Lisco St. Whittier, Ca City Zip 90603

Job Description	NEW	ADD	DEMO	REMODEL	REPAIR
Approx. 20 Lin. Ft. of New 6FT. PRO mtl stud Wall 1-Dutch DR. W/card key & Lever Hndl; 1-DR DR. W/Panic HDWR - Push Stlye (See Attached Plan)				✓	

BUILDING AREA	GARAGE AREA	STORIES	HEIGHT	NUMBER OF BUILDINGS ON LOT

MATERIAL OF CONSTRUCTION	EXT. WALLS	ROOF	FLOOR

JOB ADDRESS 1977 Saturn St. C-Level

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ 8,000.00

PERMIT ISSUED BY: [signature] DATE 6/23/88

SCHOOL DISTRICT FEE:	$	DATE
SEWER SERVICE FEE:	$	DATE
PARK & REC. FEE:	$	DATE
COUNTY SANITATION FEE:	$	DATE

PLAN CHECK	—
ENERGY ANALYSIS	—
BUILDING PERMIT	106.86
EARTHQUAKE ~~PAID~~	0.50
HANDICAP	—
PENALTY FEE	
TOTAL FEE $	106.86

MAP NO.	
ZONE	
OCCUP GROUP	B-2
CONST. TYPE	I-FR
LOT SIZE	
BUILDING	V. K
ENGINEERING	
PLANNING	
FIRE DEPT.	D.R.
WORK COMP. EXP.	5-2-89
FINAL INSPECTION	Dave Donelez 9-6-88
CASHIER'S USE ONLY	VV 6-5-88

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 355866

Exp. Date 6/30/89 Signature of Contractor Jean R. Woodard

HORIZON ELECTRIC 692 1192
CONTRACTOR (D B A) Phone

12207 WHITTIER BLVD. WHI. 90602
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☑ I am exempt under Sec. B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Workers Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. ..... Company .....

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date ..... Applicant .....

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date July 12/88 Applicant Jean R. Woodard

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Jean R. Woodard July 21/88
Signature of Owner or Contractor ONLY Date

Owner Verified By: City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS 1977 SATURN ST. M.P.

( ) DWLG ( ) APTS ( ) COMM. ( ) ALTNS ( ) REPAIR

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL --- RECEIPT --- PERMIT

OWNER SANWA BANK Phone

ADDRESS 1977 SATURN City MONT. PARK

CONTRACTOR HORIZON ELECT. 213-692-1192 Phone

ADDRESS 12207 E. WHITTIER BLVD.

Work Comp. Waived | Issued By MWS | Date 7/

PERMIT NO. 19429

PERMIT FEE	MWB 60 30
PLAN CHECK	
ENERGY FEE	
PENALTY FEE	MWB 60 30
TOTAL FEES	MWB 120 60

Quantity			
	Permit Issuance Fee	$15.00	15 00
	Services EACH up to 600 volts and/or 200 amps	22.00	
	Over 600 volts and/or 201 to 1000 amps	44.00	
	Over 600 volts and 1001 to 6000 amps	60.00	
	Sub-panel or Switch Board EACH	12.00	
	Temporary power pole - ONE	20.00	
	Each additional pole	10.00	
3	Outlets: 1-10 of the following (1) Outlets ( ) Receptacles (2) Switches ( ) Fixtures ( )	15.00	45 15
	Each additional of the above	.80	
	Misc. Equip. Each: ( ) Dishwasher ( ) Disposal ( ) ( ) Clotheswasher ( ) Bath Fans ( ) Sign Circuit ( ) Festoon 20 Lights ( ) Bus (Raceway ( ) Branch Circuit	7.00	
	Power Apparatus, Motors Heating Systems, Electric Powered Equipment (Rated: HP=KW=KVA) Rated 0-5 HP	18.00	
	Each additional 0-5 HP on same permit	12.00	
	Power rated 6-30 HP	22.00	
	Each additional 6-30 HP on same permit	16.00	
	Power rated 31-100 HP	35.00	
	Each additional 31-100 HP on same permit	25.00	
	Power rated over 100 HP EACH	50.00	
	Swim Pool, Spa or in Combination	40.00	
	Working Permit	30.00	
	Maintenance Electrician - Annual Registration	35.00	
	Plan Check Fee		
		Total	30 60 MWB

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

CONTRACTOR'S SIGNATURE: Jean R. Woodard

Job Fina. David Seneker Date 9-6-88

Cashier's Use 9-20-88

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-36 License No. 86470

Exp. Date ..... Signature of Contractor Larry Eger

WINTERBOTTOM BROS — CONTRACTOR (D B A) — Phone

1977 SANTA ANITA T.C. 91780

ADDRESS — City — Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. PC977804 Company Republic Indemnity

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date 11/18/88 Applicant Larry Eger

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Larry Eger 11/18/88

Signature of Owner or Contractor ONLY — Date

Owner Verified By: — City Lic. Verified By:

-- IMPORTANT --

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS 1977 SATURN ST

( ) DWLG ( ) APTS (X) COMM. ( ) ALTNS. ( ) REPAIR

PERMIT NO. 1838

MONTEREY PARK BUILDING DEPARTMENT
PLUMBING --- RECEIPT --- PERMIT

OWNER SANWA BANK Phone

ADDRESS 1977 SATURN ST City MONTEREY PARK

CONTRACTOR WINTERBOTTOM BROS Phone 818 4442509

ADDRESS 1977 SANTA ANITA AV T.C.

Work Comp? Y-I-89 Issued By MMS Date 11/18/88

PERMIT FEE		55	00
PLAN CHECK			
ENERGY FEE			
PENALTY FEE			
TOTAL FEES		55	00

Quantity		Each	
	Permit Issuance Fee	15.00	15 00
	Plumbing fixtures including its water supply, trap and waste piping: ( ) Toilet ( ) Urinal ( ) Lavatory ( ) Tub, Shower or Combination ( ) Kitchen Sink ( ) Bar Sink ( ) Floor Drain ( ) Floor Sink ( ) Dishwasher ( ) Clothes Washer ( ) Drinking Fountain ( ) Roof Drains ( ) P Trap ( ) Water Treatment Equipment	9.00	
1	Install, repair or alter ( ) Water Piping (1) Drain Piping New Drain Piping System ( ) Vent Piping Systems ( ) Anti-Siphon Devices ( ) Lawn Sprinkler Backflow Preventors	10.00	10 00
	Gas System, 1-5 Outlets	20.00	
	EACH additional Outlet	3.00	
1	(1) Commercial Grease Trap ( ) Commercial Grease Interceptor ( ) Trailer Park Trap ( ) Industrial Waste Interceptor	20.00	20 00
	( ) Single Sewer Connection to Main ( ) Sewage Ejector System	22.00	
1	(1) Sewer Extensions ( ) Sewer Caps	10.00	10 00
	EACH Pool, Spa or Combination thereof including P-Trap	40.00	
	EACH Water Heater including Water Piping and Venting Systems. New, Replace, Relocate.	22.00	
	Plan Check Fee		
		Total	55 00

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. EXAMPLE: UNDERGROUND, ROUGH, FINISH.

CONTRACTOR'S SIGNATURE: Larry Eger

Job Final OK Date 12/16/88

Cashier's Use FD 11-18-88

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C10 License No. 307015

Exp Date 11-30-91 Signature of Contractor

213
CHARLES E THOMAS CO 321-8420
CONTRACTOR (D B A) Phone

13701 S. ALMA GARDENA, 90249
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

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☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WP-62470 Company PACIFIC COMP

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date 1-5-90 Applicant .....

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097 Civ. C.).

Lender's Name .....

Lendor's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

1-5-90
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

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JOB ADDRESS 1977 SATURN ST.

( ) DWLG ( ) APTS (X) COMM. ( ) ALTNS ( ) REPAIR

MONTEREY PARK BUILDING DEPARTMENT

ELECTRICAL --- RECEIPT --- PERMIT

PERMIT NO. 2016

OWNER SANWA BANK Phone 213-727-3636

ADDRESS 1977 SATURN ST. City M. PARK

CONTRACTOR CHARLES E. THOMAS CO Phone 213 321-8420

ADDRESS 13701 S. ALMA, GARDENA

Work Comp. WP-62470 Issued By PACIFIC COMP Date 1-5-90

	PERMIT FEE		30.00
	PLAN CHECK		
	ENERGY FEE		
	PENALTY FEE		
	TOTAL FEES		30.00

Quantity			
	Permit Issuance Fee	$15.00	15.00
	Services EACH up to 600 volts and/or 200 amps	22.00	
	Over 600 volts and/or 201 to 1000 amps	44.00	
	Over 600 volts and 1001 to 6000 amps	60.00	
1	Sub-panel or Switch Board EACH	~~12.00~~	15.00
	Temporary power pole - ONE	20.00	
	Each additional pole	10.00	
	Outlets: 1-10 of the following ( ) Outlets ( ) Receptacles ( ) Switches ( ) Fixtures ( )	15.00	
	Each additional of the above	.80	
	Misc. Equip. Each: ( ) Dishwasher ( ) Disposal ( ) ( ) Clotheswasher ( ) Bath Fans ( ) Sign Circuit ( ) Festoon 20 Lights ( ) Bus/Raceway ( ) Branch Circuit	7.00	
	Power Apparatus, Motors, Heating Systems, Electric Powered Equipment (Rated: HP -KW=KVA) Rated 0-5 HP	18.00	
	Each additional 0-5 HP on same permit	12.00	
	Power rated 6-30 HP	22.50	
	Each additional 6-30 HP on same permit	16.50	
	Power rated 31-100 HP	35.00	
	Each additional 31-100 HP on same permit	25.00	
	Power rated over 100 HP EACH	50.00	
	Swim Pool, Spa or in Combination	40.00	
	Working Permit	30.00	
	Maintenance Electrician - Annual Registration	35.00	
	Plan Check Fee		
		Total	30.00

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

CONTRACTOR'S SIGNATURE:

Job Final ..... Date 1-16-90

Cashier's Use

DECLARATIONS

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LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10 License No. 85046

Exp. Date 2/28/ Signature of Contractor Ed Weelhoff

Bergelectric 213 337 1377
CONTRACTOR (D B A) Phone

1550 W. Centinela Ave 90045
ADDRESS City Zip

OWNER BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. PWC 6720991 Company OK CNA

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 4-8-91 Applicant Ed Weelhoff

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Ed Weelhoff 4-8-91
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS 1977 Saturn St

( ) DWLG ( ) APTS ( ) COMM. ( ) ALTNS ( ) REPAIR

MONTEREY PARK BUILDING DEPARTMENT

ELECTRICAL — RECEIPT — PERMIT

PERMIT NO. 0026667

OWNER Sanwa Bank Phone 727-3264

ADDRESS 1977 Saturn St City Mont Park

CONTRACTOR Bergelectric Phone 213 337 1377

ADDRESS 1550 W. Centinela Ave

Work Comp PWC 6720991 Issued By CNA MWB Date 4-8-91

PERMIT FEE	2536.00
PLAN CHECK	— pd —
ENERGY FEE	
PENALTY FEE	
TOTAL FEES	2536.00

Quantity			
	Permit Issuance Fee	$15.00	15.00
	Services EACH up to 600 volts and/or 200 amps	25.00	
	Over 600 volts and/or 201 to 1000 amps	50.00	
	Over 600 volts and 1001 to 6000 amps	100.00	
25	Sub-panel or Switch Board EACH	15.00	375.00
	Temporary power pole - ONE	25.00	
112	Each: (66) Outlets (11) Receptacles (14) Switches (27) Fixtures ( )	1.00	112.00
27	Misc. Equip. Each: ( ) Dishwasher ( ) Disposal (27) Branch Circuit ( ) Clotheswasher ( ) Bath Fans ( ) Sign Circuit ( ) Festoon 20 Lights ( ) Bus /Raceway ( )	7.00	189.00
7	Each: Power Apparatus, Motor, Heating System, Electric Powered Equipment (Rated: HP=KW=KVA) (7) Up to 1 HP, KW, KVA	15.00	105.00
4	2 to 10 HP, KW, KVA	30.00	120.00
	11 to 50 HP, KW, KVA	60.00	
18	Over 50 HP, KW, KVA	90.00	1620.00
	Illuminated Sign, Outline Lighting, Festoon Lighting. Each Circuit	15.00	
	Temporary Power Supply: Christmas Tree Lots, Fire Works Stand, Carnivals, Circuses, Exhibitions. Each System	15.00	
	Swim Pool, Spa or in Combination	40.00	
	Working Permit Value of Job #180,000	30.00	
	Maintenance Electrician - Annual Registration	35.00	
	Plan Check Fee 100% B 2521 paid as per Pc# 26181		

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

Total 2536.00

CONTRACTOR'S SIGNATURE:

Date 4-8-91

Ed Weelhoff

Job Final Lenna Johnson

Date 12-10-91

Cashier's Use

04/07/91 2536.00 2536.00

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-20 License No. 287684

Exp. Date 8/31/91 Signature of Contractor

McAfee Engineering (213)676-7272

CONTRACTOR (D B A) Phone

15200 Mansel Ave., Lawndale, CA 90260

ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WCW9140304?2 Company W. Amer. Ins.

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 5-16-91 Applicant .....

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS 1977 Saturn St., Monterey Park 91754

( ) DWLG ( ) APTS (X) COMM. ( ) ALTNS ( ) REPAIR

MONTEREY PARK BUILDING DEPARTMENT

MECHANICAL -- RECEIPT --- PERMIT

OWNER Sanwa Bank Phone (213)722-3510

ADDRESS 1877 Saturn St., Monterey Park City

CONTRACTOR McAfee Engineering Phone (213)676-7272

ADDRESS 15200 Mansel Ave., Lawndale, CA 90260

Work Comp. 3-1-92 Issued By MMB Date 6-18-91

PERMIT NO. 27369

0027369

PERMIT FEE	451 00
PLAN CHECK	-pd-
ENERGY FEE	
PENALTY FEE	
TOTAL FEES	451 00

Quantity				
	Permit Issuance Fee		$15.00	15.00
	Furnace, New or Relocate, up to 100M B.T.U.		22.00	
	Each additional furnace up to 100M B.T.U. or same permit		16.50	
	Furnace, New or Relocate over 100M B.T.U.		27.50	
	Each additional furnace over 100M B.T.U. on same permit		22.00	
	Appliance vent: New, replace or relocate		13.20	
	Diffuser or Register, 1-10		16.50	
10	Each Diffuser or Register over 10		3.00	30.00
	Refrigeration or absorption unit New, alter or relocate		22.00	
	Each additional of above on same permit		16.50	
	Compressor or Boiler up to 3 HP or 100M B.T.U.		16.50	
4	Compressor or Boiler, 4-15 HP or 101-500M B.T.U.	25.00	~~22.00~~	100.00
	Compressor or Boiler, 16-30 HP or 501-1000M B.T.U.		34.00	
	Compressor or Boiler, over 30 HP or over 1000M B.T.U.		70.00	
4	Air handler to 10M C.F.M.	17.00	~~16.50~~	68.00
	Air handler over 10M C.F.M.		30.00	
	Evaporative cooler		16.50	
14	Vent fan, ventilation system, duct extension or alteration	17.00	~~16.50~~	238.00
	Commercial hood and duct first 12'-0" section		44.00	
	Commercial hood and duct for each additional 12'-0" section		15.00	
	Metal fireplace with chimney, oil fired equipment, storage tanks, dipping tanks, appliances or equipment not listed.		16.50	
	Gas systems, 1-5 outlets		20.00	
	Each additional gas outlet		3.00	
	Plan Check Fee			
			Total	$451.00

FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.

CONTRACTOR'S SIGNATURE:

Job Final Date 12-20-91

Cashier's Use

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C36, C4 License No. 572893

Exp. Date 6-30-93 Signature of Contractor [signature]

LeBradco Plumbing CO2C — 805 484-3188
CONTRACTOR (D B A) Phone

5251 Verdugo Camarillo 93012
ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 80503853 Company Transamerica

☒ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 9-23-91 Applicant [signature]

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

[signature]
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:
	[signature]

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS 1977 Saturn Street Monterey Park, CA 91754

( )DWLG ( )APTS ( )COMM. ( )ALINS. ( )REPAIR

MONTEREY PARK BUILDING DIVISION
PLUMBING --- RECEIPT --- PERMIT

OWNER SANWA BANK Phone (818)284-9994
ADDRESS 1977 Saturn St., City Monterey Park
CONTRACTOR LeBradco Plumbing Phone (805)484-3188
ADDRESS 5251 Verdugo Way, K City Camarillo
Work Comp. 4/12/92 Issued By [illegible] Date 9/24/91

PERMIT NO. C028329 28329

PERMIT FEE	25
PLAN CHECK	25
ENERGY FEE	
PENALTY FEE	
TOTAL FEES	50

Quantity			
	Permit Issuance Fee	Each	15.00	15
1	Plumbing fixtures including its water supply, trap and waste piping: SAFETY ZONE ( ) Toilet ( ) Urinal ( ) Lavatory (/) ~~Tub, Shower or Combination~~ ( ) Kitchen Sink ( ) Bar Sink ( ) Floor Drain ( ) Floor Sink ( ) Dishwasher ( ) Clotheswasher ( ) Drinking Fountain ( ) Roof Drains ( ) P-Trap ( ) Rainwater Drains ( ) Water Treatment Equipment		10.00	10
	Install, repair or alter (/) Water Piping ( ) Drain Piping ( ) Vent Piping Systems ( ) Anti-Siphon Devices ( ) Lawn Sprinkler Backflow Preventors		10.00	
	Gas System, Each Meter		20.00	
	Each Outlet		3.00	
	( ) Commercial Grease Trap ~~( )~~ Commercial Grease Interceptor ( ) Trailer Park Trap ( ) Industrial Waste Interceptor		20.00	
	( ) Single Sewer Connection to Main ( ) Sewage Ejector System ( ) Sump Pump System		20.00	
	( ) Sewer Extensions ( ) Sewer Caps		20.00	
	EACH Pool, Spa or Combination thereof including P-Trap		40.00	
	EACH Water Heater including Water Piping and Venting Systems. New, Replace, Relocate.		22.00	
	Plan Check Fee 100%			
	FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. EXAMPLE: UNDERGROUND, ROUGH, FINISH.	Total	25	

CONTRACTOR'S SIGNATURE: [signature] Date

Job Final [signature]

Date 12-20-91

10-270 10-610 25.00 25.00

Cashier's Use

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B License No. 509719

Exp. Date 3/1/93 Signature of Contractor Terry Kuller

WESELY-THOMAS, INC. 805/379-2365
CONTRACTOR (D B A) Phone

1144 E. T. OAKS BLVD. T. OAKS, CA 91360
DRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00).):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason.

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. WCP340988 Company FRANK B. HALL CO.

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 2/28/91 Applicant Terry Kuller

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT, If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above mentioned property for inspection purposes.

Terry Kuller 2/28/91
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By: MA

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK

BUILDING DIVISION -- PHONE 307-1300
320 W. Newmark Ave. - Monterey Park, Ca. 91754

BUILDING PERMIT

---- PLEASE PRINT ----

---- FOR CITY USE ONLY ----

PERMIT NO. 26515
026515

JOB ADDRESS 1977 SATURN ST.

LEGAL DESCRIPTION LOT 5 TRACT 33910

OWNER SANWA BANK, CA Phone 213 727-3264

ADDRESS Same as Above City Zip

ENGINEER — State Lic. Phone ( )

ADDRESS — City Phone ( )

ARCH / DESIGNER DWORSKY ASSOC. C7466 State Lic. Phone 213 380-9100

ADDRESS 5530 WILSHIRE BLVD. City LA Zip CA 90036

CONTRACTOR WESELY-THOMAS, INC. State Lic. Phone 805 379-2365

ADDRESS 1144 E. Thousand Oaks Blvd City T.O. CA Zip 91360

JOB DESCRIPTION: NEW X | ADDITION | DEMO | REMODEL | REPAIR

NEW 4000 SF UTILITY BUILDING

JOB ADDRESS 1977 SATURN ST.

NO. UNITS	B. R./UNITS	AREA (SQ. FT.)	LOT SIZE
1		~~4000~~ 3970 SF MWB	

BLDG. AREA (E)	GARAGE AREA	STORIES	HEIGHT	NUMBER OF BUILDINGS ON LOT
200,000		1	16'	2

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE AND USE PROPOSED BUILDING $ ~~121,482~~ MWB. I.C.B.O. OR OTHER APPROVED AGENT NUMBER:

PERMIT ISSUED: MWB. DATE 2/28/91

DOCUMENTS SUBMITTED:

VALUATION BASED ON $ 30.60/SF.

BUILDING PERMIT	774	
PLAN CHECK	pd	
ENERGY ANALYSIS	140	00
HANDICAP	100	00
EARTH QUAKE	18	36
PENALTY FEE	—	
PERMIT FEE CREDIT	—	
TOTAL FEE $	~~1036~~ 1032	36 MWB.

MAP NO.	
ZONE	M
OCCUP GROUP	B4
CONST. TYPE	III - N
AFFIDAVITS	
BUILDING	Wilson/PH
ENGINEERING	VB/SH
PLANNING	AP
FIRE DEPT.	KL/ERA.
COUNTY ENGINEER	
WATER DEPT.	PJC.
PARK & REGR.	N/A
Work Comp. Exp.	4/1/91
Others	

SEWER SERVICE FEE	$ 3970 x .26 = 1032.20 pd	
PARK & REC. FEE	$ 4000 pd 2/28/91 MWB (70-900)	
CC SANITATION FEE	$ — N/A	
ENGINEER FEE	$ pd.	
FIRE FEE	$ pd.	

Final Inspection Approval Yuri Dobrianov

Date 12-20-91

CASHIER'S USE ONLY

10-250 1032.00
10-611 140.00
10-250 100.00
10-250 18.36
CHECK 11 1290.56
#002758 CASH FOR PERMIT 1290.56
02/28/91

DECLARATIONS

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LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class B1 License No. 462806

Exp. Date 1994 Signature of Contractor [signature]

DYNASTECH — CONTRACTOR (D B A) — 90501

19320 VAN NESS — TORRANCE — DRESS — City — Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

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☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure or a certificate of Worker's Compensation insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 10747629 Company STATE FUND

☐ Certified copy is hereby furnished.

☑ Certified copy is filed with the Department of Building & Safety.

Date 6/2/93 Applicant [signature]

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

[signature] 4/5/93

Signature of Owner or Contractor ONLY — Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

CITY OF MONTEREY PARK

BUILDING DIVISION -- PHONE 307-1300
320 W. Newmark Ave. - Monterey Park, Ca. 91754

BUILDING PERMIT

---- PLEASE PRINT ----

---- FOR CITY USE ONLY ----

PERMIT NO. 33956
003396

JOB ADDRESS 1977 SATURN

ASSESSOR'S PARCEL NO. | LOT | TRACT | LOT SIZE

OWNER SAN DIA BANK Phone ( )

ADDRESS SAME City Zip

ARCH/ENGR RUHLEN State Lic. Phone 320 7780 B/O

ADDRESS 19320 VAN NESS City Phone (B/O) 320 7780

CONTRACTOR DYNASTECH Phone (B/O) 320 7780

BUILDING TTL. 10-250	160.-
TRAFFIC ENGR 181-450	—
ENGR REV. 10-670	—
PARK/REC. 70-900	—
EARTH QUAKE 10-0020	.63
GEN. PLAN 10-253	12.-
RECORDS 10-252	6.-
TOTAL FEE $	178.63

JOB DESCRIPTION	NEW	ADD/ALTER	REPAIR	DEMO.
		INTERIOR NON BEARING PARTITIONS		

NO. UNITS	NO. BEDRM/BATH	BUILDING AREA	GARAGE AREA

ROOF	EXTERIOR	STORIES	HEIGHT	NUMBER OF BUILDINGS ON LOT

VALUATION TO INCLUDE ALL FIXED EQUIPMENT REQUIRED TO OPERATE $ 3000.00

I.C.B.O. OR OTHER APPROVAL

PERMIT ISSUED BY * DATE

I HAVE READ AQMD'S RULE 1403 REGARDING ASSBESTOS EMISSIONS CONTROL AND:

☐ I HAVE SUBMITTED REQUIRED NOTIFICATION TO AQMD. A COPY OF THE NOTIFICATION IS HEREBY FURNISHED.

☐ ACCORDING TO THE RULE, NOTIFICATION IS NOT REQUIRED FOR THIS RENOVATION PROJECT.

WILL THE APPLICANT OR FUTURE BUILDING OCCUPANT HANDLE A HAZARDOUS MATERIAL OR A MIXTURE CONTAINING A HAZARDOUS MATERIAL EXCEEDING THE EXEMPT AMOUNT?

☐ YES ☒ NO

SCHOOL	$	BLDG. PERMIT	$ 80.-
SEWER	$	PLAN CHECK	$ 80.-
SANITATION	$	ENERGY	$ —
Fire Prot 60pd	$	ACCESS	$ —
	$	PENALTY	$

Fins. Inspector Approval [signature]

Date 7.11.93

ZONE	
OCCUP GROUP	
CONST. TYPE	
CUP	
VAR	
PMTV NO.	
AFF DAVITS	
BUILDING	
ENGINEERING	
PLANNING	
FIRE DEPT.	
COUNTY ENGINEER	
COUNTY HEALTH	
WATER DEPT.	
PARK & REC.	
Work Comp. Exp.	8-1-93

CASHIER'S COPY

DECLARATIONS

The Declarations below are mandated by the State of California under Section 9825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C 10 License No. 462805

Exp. Date 1994 Signature of Contractor

CONTRACTOR (D B A)

ADDRESS City Zip

OWNER BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.)

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

☐ I am exempt under Sec. B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 07476292 Company STATE FUND

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 6/4/93 Applicant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

6/3/93

Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date or if work is superded or abandoned for a period of 180 days this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS 1977 SATURN ST.

( ) DWLG ( ) APTS ( ) COMM. ( ) ALTNS ( ) REPAIR

P.C./PERMIT NO. 33957 0033957

MONTEREY PARK BUILDING DEPARTMENT
ELECTRICAL --- PLAN CHECK --- PERMIT

OWNER Sauna Bank Phone ( )

Address 1977 SATURN City M.P.

CONTRACTOR Queens Tech Phone ( )

Address 1970 VAN NESS

Work Comp. 8-1-93 Issued By MM Date 6-3-93

	PERMIT FEE	22.-
	PLAN CHECK	
	ENERGY FEE	
	PENALTY FEE	
	TOTAL FEES	22.-

Quantity			
	Permit Issuance Fee	$15.00	15.-
	Services 200 amps or less and up to 600 volts	25.00	
	201 to 1000 amps and up to 600 volts	50.00	
	Over 1000 amps or 600 volts	100.00	
	Sub-pane or Switch Board, Each	15.00	
	Temporary power pole, Each	25.00	
2	( )Receptacles ( )Switches (2)Lights ( )Junction Boxes ( )Other	1.00	2.-
1	( ) Branch Circuits	5.00	5.-
	Misc. Equip. Each: ( ) Busway ( ) Dishwasher ( ) Disposal ( ) Clotheswasher ( ) Clothesdryer ( ) Fan ( ) Cook Tops/ Range ( ) Oven ( ) Room Air Conditioner ( ) Room Heater ( ) Drinking Fountain ( ) Vending Machine ( ) Other motor-operated appliances not exceeding one horsepower	10.00	
	Power Apparatus, Motor, Heating System, Electric Powered Equip. Up to 1 HP, KW, KVA	15.00	
	Over 1 up to 10 HP, KW, KVA	30.00	
	Over 10 up to 50 HP, KW, KVA	60.00	
	Over 50 HP, KW, KVA	90.00	
	Illuminated Sign, Outline Lighting, Festoon Lighting. Each Circuit	15.00	
	Temporary Power Supply: Christmas Tree Lots, Fire Works Stand, Carnivals, Circuses, Exhibitions, Each System	15.00	
	Swim Pool, Spa or Combination thereof	40.00	
	Plan Check Fee 100%		
	PERMIT IS REQUIRED FOR NEW INSTALLATION, REPLACEMENT OR RELOCATION OF EACH ITEM LISTED ABOVE.	Total	22.-

CONTRACTOR'S SIGNATURE: Date 6/3/93

Job Final LB

Date 7/1/93

Cashier's

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-36 C-20 License No. 616440

Exp. Date 3-31-95 Signature of Contractor

Aitken Plbg Inc.
CONTRACTOR (D B A)

3317 Hyde Park Bl L.A. 90043
DRESS City Zip

OWNER-BUILDER DECLARATION

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☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon and who does such work himself or through his own employees provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 1920283 Company St. Compensation Fund

☐ Certified copy is hereby furnished.

☒ Certified copy is filed with the Department of Building & Safety.

Date 7-21-93 Applicant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 7/21/93 Applicant

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

7/21/93
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS 1977 SATURN

( ) DWLG ( ) APTS (X) COMM. ( ) ALTNS. ( ) REPAIR

P.C./PERMIT NO. 34445
0034445

MONTEREY PARK BUILDING DIVISION
PLUMBING --- PLAN CHECK --- PERMIT

OWNER Saturn Bank Phone ( ) N/A
Address 1977 Saturn City Monterey Park
CONTRACTOR Aitken Plumbing Inc. Phone (213) 758-4157
Address 3317 Hyde Park Blvd City L.A. 90043
Work Comp. Exempt Issued By [illegible] Date 9/21/93

PERMIT FEE	25
PLAN CHECK	
ENERGY FEE	/
PENALTY FEE	
TOTAL FEES	25

Quantity			
	Permit Issuance Fee Each	15.00	15.00
1	Plumbing fixtures including its water supply, trap and waste piping: ( ) Toilet ( ) Urinal ( ) Lavatory ( ) Tub, Shower or Combination ( ) Sink (X) Floor Drain ( ) Rainwater Drain ( ) Dishwasher ( ) Clotheswasher ( ) Drinking Fountain ( ) Water Treatment Equipment	10.00	10.00
	( ) Water Piping ( ) Drain Piping ( ) Vent Piping ( ) Backflow Prevertor	10.00	
	Gas System, Each Meter	20.00	
	Gas Piping, Each Outlet	5.00	
	( ) Commercial Grease Trap ( ) Commercial Grease Interceptor ( ) Trailer Park Trap ( ) Industrial Waste Interceptor/SampleBox	25.00	
	( ) Sewage Ejector System ( ) Sump Pump System	25.00	
	( ) Sewer Connection ( ) Sewer Extension ( ) Sewer Cap	20.00	
	Pool, Spa or Combination thereof including Water and Drainage System	40.00	
	Water Heater including Water Piping and Venting Systems.	22.00	
	Plan Check Fee 100%		
	PERMIT IS REQUIRED FOR NEW INSTALLATION, OR REPLACEMENT RELOCATION OF EACH ITEM LISTED ABOVE.	Total	25.00

CONTRACTOR'S SIGNATURE: Date 7-21-93

Job Final L Brown

Date 8/13/93

40-270

25.00

Cashier's Use

WHITE – City's Original; BLUE – Applicant's; CANARY – Auditor's P.C. Copy;
GOLDENROD – Building Copy; GREEN – Auditor's Final Copy; MAIN A – File Copy

DECLARATION

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can be passed on to the applicant as they are not recoverable from the state.

CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

STANHOPE CO.
Contractor's Business Name

2440 CRYSTAL Los Angeles 90039
Business Address / City / Zip

License Class B License No. 127649

Exp. Date _____ Signature of Contractor Ron Kennaran

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (**Sec. 7031.5 California Business and Professions Code: See Back**).

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (**Sec. 7044, B. & P. C.: See Back**).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (**Sec. 7044, B. & P. C.: See Back**).

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

Date _____ Signature of Owner _____

Owner Verified By	City - C. Verified By:

IMPORTANT

IF WORK AUTHORIZED BY THIS PERMIT IS NOT COMMENCED WITHIN ONE YEAR OF ISSUANCE DATE, OR IF WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS THIS PERMIT SHALL BECOME NULL AND VOID BY TIME LIMITATION. THE WORK IS DEEMED SUSPENDED OR NOT COMMENCED IF THERE IS NO SIGNED INSPECTION RECORD ON JOB CARD.

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure or a certificate of Worker's Compensation Insurance (Sec. 3800 Labor Code).

Policy No. WP94575906-01 Company Fremont Compensation

Exp. Date 1/1/95 Signature of Applicant Ron Kennaran

DECLARATION OF EXEMPTION

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date _____ Signature of Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

HAZARDOUS MATERIALS

I have read AQMD's Rule 1403 regarding asbestos emissions control and

☐ I have submitted required notification to AQMD, A copy of the notification is hereby furnished.

☐ According to the Rule, notification is not required for this renovation project.

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material exceeding the exempt amount: ☐ Yes ☐ No

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY AND STATE LAWS RELATING TO THE BUILDING CONSTRUCTION, AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES.

Ron Kennaran April 20, 1994
Signature of Owner or Contractor ONLY / Date

CITY'S ORIGINAL

CITY OF MONTEREY PARK

BUILDING DIVISION Phone: (818) 307-1300
320 West Newmark Avenue, Monterey Park, CA 91754

BUILDING PERMIT

FOR CITY USE ONLY

PROJECT NO. 0036130

JOB ADDRESS 1977 SATURN ST.

OWNER Sanwa Bank of California Phone ( )

Address 1977 Saturn St., Monterey Park, CA 91754

☐ ARCH. ☒ ENGR. 160-4168-3

State Lic. 160-4168-3 Phone (213) 256-2237

Address 7462 N. Figueroa St., Los Angeles, CA

CONTRACTOR RW STANHOPE CO Phone (213) 660-2620

PROJECT DESCRIPTION	New	Add/Alter	Repair	Demo
STRUCTURAL REINFORCEMENT FOR SEISMIC (ROOF TOP) No additional floor Area				

Sprinklered? ☐ Yes ☐ No	Construction		Occupancy	
Zone	CUP	Variance	PM/TM No.	Affidavits
Bldg. Area	Grg. Area	Pat'o/Deck	No. Units	Bdrm/Bath

VALUATION $ 50,000

Agencies	Appr'd by/Date	Agencies	Appr'd by/Date
Planning OK	RH 2/23/94	Health Dept	
Fire Dept		Indtl. Waste	
Park & Rec.		Cal OSHA	
Public Works: Engrg		AQMD	
Public Works: Street		Consultant	
Public Works: Water		Consultant	

FEES	REQUIRED	INITIAL P.C.	FINAL PAYMENT
Bldg. P.C. 10-610	460	460	—
Permit 10-250	460	—	460
Engr. Rev. P.C. 10-670	/	/	/
Engr. Rev. 10-670	/	/	/
Traffic Rev. 10-250-212	/	/	/
Fire Dept P.C. 10-633	/	/	/
Records 10-252	50	—	50
Grd. Plan 10-253	100	—	100
Earthquake 10-0920	10.50		10.50
Park/Rec. 70-900	/	/	/
City Sewer 42-100	/	/	/
Safety Impact 71-0357	/	/	/
	/	/	/
	/	/	/
Total	1080.50	460	620.50

APPLIC. REC'D. BY MMB 2-16-94 DATE
APPLIC. APPR'D BY RH 2/22/94 DATE
PERMIT ISSUED BY [illegible] 4/20/94 DATE
FINAL INSP. APPRL. [illegible] 8/24/94 DATE

CASHIER'S USE ONLY (FINAL PAYMENT)

R257240 0036 R01 T14:24
CHANGE .50
CHECK 920.50
TOTAL 920.00
10-920 10.00
10-253 100.00
10-252 50.00
10-250 460.00

CASHIER'S USE ONLY (INITIAL PLAN CHECK FEES)

10-610 460.00
CHECK 460.00
CSH1 R01 T08:30
02/16/94

WHITE – City's Original; BLUE – Applicant's; CANARY – Auditor's P.C. Copy;
GOLDENROD – Building Copy; GREEN – Auditor's Final Copy; MAIN A – File Copy

DECLARATION

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can be passed on to the applicant as they are not recoverable from the state.

CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

STANHOPE CO.
Contractor's Business Name

2440 CRYSTAL Los Angeles 90039
Business Address / City / Zip

License Class B License No. 127649

Exp. Date _____ Signature of Contractor Ron Kennaran

OWNER-BUILDER DECLARATION

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☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (**Sec. 7044, B. & P. C.: See Back**).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (**Sec. 7044, B. & P. C.: See Back**).

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

Date _____ Signature of Owner _____

Owner Verified By	City - C. Verified By:

IMPORTANT

IF WORK AUTHORIZED BY THIS PERMIT IS NOT COMMENCED WITHIN ONE YEAR OF ISSUANCE DATE, OR IF WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS THIS PERMIT SHALL BECOME NULL AND VOID BY TIME LIMITATION. THE WORK IS DEEMED SUSPENDED OR NOT COMMENCED IF THERE IS NO SIGNED INSPECTION RECORD ON JOB CARD.

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure or a certificate of Worker's Compensation Insurance (Sec. 3800 Labor Code).

Policy No. WP94575906-01 Company Fremont Compensation

Exp. Date 1/1/95 Signature of Applicant Ron Kennaran

DECLARATION OF EXEMPTION

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date _____ Signature of Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

HAZARDOUS MATERIALS

I have read AQMD's Rule 1403 regarding asbestos emissions control and

☐ I have submitted required notification to AQMD, A copy of the notification is hereby furnished.

☐ According to the Rule, notification is not required for this renovation project.

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material exceeding the exempt amount: ☐ Yes ☐ No

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY AND STATE LAWS RELATING TO THE BUILDING CONSTRUCTION, AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES.

Ron Kennaran April 20, 1994
Signature of Owner or Contractor ONLY / Date

CITY'S ORIGINAL

CITY OF MONTEREY PARK

BUILDING DIVISION Phone: (818) 307-1300
320 West Newmark Avenue, Monterey Park, CA 91754

BUILDING PERMIT

FOR CITY USE ONLY

PROJECT NO. 0036130

JOB ADDRESS 1977 SATURN ST.

OWNER Sanwa Bank of California Phone ( )

Address 1977 Saturn St., Monterey Park, CA 91754

☐ ARCH. ☒ ENGR. 160-4168-3

State Lic. 160-4168-3 Phone (213) 256-2237

Address 7462 N. Figueroa St., Los Angeles, CA

CONTRACTOR RW STANHOPE CO Phone (213) 660-2620

PROJECT DESCRIPTION	New	Add/Alter	Repair	Demo
STRUCTURAL REINFORCEMENT FOR SEISMIC (ROOF TOP) No additional floor Area				

Sprinklered? ☐ Yes ☐ No	Construction		Occupancy	
Zone	CUP	Variance	PM/TM No.	Affidavits
Bldg. Area	Grg. Area	Pat'o/Deck	No. Units	Bdrm/Bath

VALUATION $ 50,000

Agencies	Appr'd by/Date	Agencies	Appr'd by/Date
Planning OK	RH 2/23/94	Health Dept	
Fire Dept		Indtl. Waste	
Park & Rec.		Cal OSHA	
Public Works: Engrg		AQMD	
Public Works: Street		Consultant	
Public Works: Water		Consultant	

FEES	REQUIRED	INITIAL P.C.	FINAL PAYMENT
Bldg. P.C. 10-610	460	460	—
Permit 10-250	460	—	460
Engr. Rev. P.C. 10-670	/	/	/
Engr. Rev. 10-670	/	/	/
Traffic Rev. 10-250-212	/	/	/
Fire Dept P.C. 10-633	/	/	/
Records 10-252	50	—	50
Grd. Plan 10-253	100	—	100
Earthquake 10-0920	10.50		10.50
Park/Rec. 70-900	/	/	/
City Sewer 42-100	/	/	/
Safety Impact 71-0357	/	/	/
	/	/	/
	/	/	/
Total	1080.50	460	620.50

APPLIC. REC'D. BY MMB 2-16-94 DATE
APPLIC. APPR'D BY RH 2/22/94 DATE
PERMIT ISSUED BY [illegible] 4/20/94 DATE
FINAL INSP. APPRL. [illegible] 8/24/94 DATE

CASHIER'S USE ONLY (FINAL PAYMENT)

R257240 0036 R01 T14:24
CHANGE .50
CHECK 920.50
TOTAL 920.00
10-920 10.00
10-253 100.00
10-252 50.00
10-250 460.00

CASHIER'S USE ONLY (INITIAL PLAN CHECK FEES)

10-610 460.00
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CSH1 R01 T08:30
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GOLDENROD – Building Copy; GREEN – Auditor's File Copy; MANILA – File Copy

DECLARATION

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CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

X DSR CONSTRUCTION INC
Contractor's Business Name

X 9430 TRUE AVE DOWNEY 90240
Business Address City Zip

X License Class B-1 License No. 656618

X Exp. Date 10-31-96 Signature of Contractor

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason **(Sec. 7031.5 California Business and Professions Code: See Back).**

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale **(Sec. 7044, B. & P. C.: See Back).**

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project **(Sec. 7044, B. & P. C.: See Back).**

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

_____

Date _____ Signature of Owner _____

Owner Verified By:	City Lic. Verified By:

IMPORTANT

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WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance (Sec. 3800 Labor Code).

Policy No. _____ Company _____

Exp. Date _____ Signature of Applicant _____

DECLARATION OF EXEMPTION

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers Compensation Laws of California.

Date _____ Signature of Applicant _____

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Lender's Name _____

Lender's Address _____

HAZARDOUS MATERIALS

I have read AQMD's Rule 1403 regarding asbestos emissions control and:

☐ I have submitted required notification to AQMD. A copy of the notification is hereby furnished

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Signature of Owner or Contractor ONLY Date

CITY'S ORIGINAL

CITY OF MONTEREY PARK

BUILDING DIVISION Phone: (818) 307-1300
320 West Newmark Avenue, Monterey Park, CA 91754

BUILDING PERMIT

FOR CITY USE ONLY

PROJECT NO. 38758

JOB ADDRESS 1777 SATURN STREET Ste.

OWNER SANWA BANK Phone (213) 727-3264

Address SAME

☒ ARCH. ☐ ENGR. FRANK R. WEBB ARCHITECTS

State Lic. C7089 Phone (310) 559-9117

Address 36735 HAYDEN AVE. CULVER CITY

CONTRACTOR Phone ( )

PROJECT DESCRIPTION	New	Add/Alter	Repair	Demo
		X		X

TENANT IMPROVEMENT - DEMOLITION & CONSTRUCTION OF NON-BEARING PARTITIONS

Sprinklered?	Constructn	Occupancy
☒ Yes ☐ No	I-F.R.	B-2

Zone	CUP	Variance	PM/TM No.	Affidavits

Bldg. Area	Grg. Area	Patio/Deck	No. Units	Bdrm/Bath
2970				

VALUATION $ 59,400

Agencies	Appr'd by/Date	Agencies	Appr'd by/Date
Planning	3/10/95	Health Dept	
Fire Dept.	3/6/95	Instl. Waste	
Park & Rec.		Cal OSHA	
Public Works: Engr'g		AQMD	
Public Works: Street		Consultant	
Public Works: Water		Consultant	

FEES	REQUIRED	INITIAL P.C.	FINAL PAYMENT
Bldg. P.C. 10-610	730	730	—
Permit 10-250	730	+	730
Engr. Rev. P.C. 10-670	/		/
Engr. Rev. 10-670			
Traffic Rev. 450-4212			
Fire Dept P.C. 10-633	60		60
Records 10-252	59 40		59 40
Gen. Plan 10-253	118 80		118 80
Earth Quake 10-3920	5 94		5 94
Park/Rec. 70-900			
City Sewer 42-100			
Safety Impact 71-0357			
Total	1704 14	730	974 14

APPLIC. REC'D. BY MVB DATE 2/14/95

APPLIC. APPR'D BY PH DATE 3/10/95

PERMIT ISSUED BY MVB DATE 3/27/95

FINAL INSP. APPRL. Jerry Love DATE 6-9-95

CASHIER'S USE ONLY (FINAL PAYMENT)

CASHIER'S USE ONLY (INITIAL PLAN CHECK FEES)

File with BP # 38758

DECLARATION

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can be passed on to the applicant as they are not recoverable from the state.

CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

CALIFORNIA SUPPRESSION SYSTEMS
Contractor's Business Name

2505 MIRA MAR, LONG BEACH 90815
Business Address City Zip

License Class C-10/C-16 License No. 327192

Exp. Date 4/30/96 Signature of Contractor

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason **(Sec. 7031.5 California Business and Professions Code: See Back).**

☐ , as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale **(Sec. 7044, B. & P. C.: See Back).**

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project **(Sec. 7044, B. & P. C.: See Back).**

☐ I am exempt under Sec _____ B. & P. C. for this reason:

Date____ Signature of Owner

Owner Verified By:	City Lic. Verified By: MR

IMPORTANT

IF WORK AUTHORIZED BY THIS PERMIT IS NOT COMMENCED WITHIN ONE YEAR OF ISSUANCE DATE, OR IF WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS THIS PERMIT SHALL BECOME NULL AND VOID BY TIME LIMITATION. THE WORK IS DEEMED SUSPENDED OR NOT COMMENCED IF THERE IS NO SIGNED INSPECTION RECORD ON JOB CARD.

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure or a certificate of Worker's Compensation Insurance (Sec. 3800 Labor Code).

Policy No. 3505046 Company REPUBLIC INDEMNITY

Exp. Date 1-1-96 Signature of Applicant

DECLARATION OF EXEMPTION

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date_____ Signature of Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

HAZARDOUS MATERIALS

I have read AQMD's Rule 1403 regarding asbestos emissions control and:

☐ I have submitted required notification to AQMD. A copy of the notification is hereby furnished.

☒ According to the Rule, notification is not required for this renovation project.

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material exceeding the exempt amount: ☐ Yes ☒ No

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY AND STATE LAWS RELATING TO THE BUILDING CONSTRUCTION, AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE MENTIONED PROPERTY FOR INSPECTION PURPOSES.

5-23-95
Signature of Owner or Contractor ONLY Date

CITY OF MONTEREY PARK

BUILDING DIVISION Phone: (818) 307-1300
320 West Newmark Avenue, Monterey Park, CA 91754

ELECTRICAL | PLAN CHECK ☒ PERMIT

☒ Commercial ☐ Residential ☐ New ☐ Add/Alter ☐ Repair

JOB ADDRESS 1977 SATURN STREET.
OWNER SANWA BANK Phone ( )
Address 1977 SATURN STREET
CONTRACTOR CALIFORNIA SUPPRESSION Phone (310) 498-6944

FOR CITY USE ONLY

PROJECT NO.	39404
PLAN CHECK	
PERMIT FEE	45
ADDTNL. P.C.	/
PENALTY	
TOTAL	45

QNT.			
	PERMIT ISSUANCE FEE	$15	15
	SERVICES 200 AMPS OR LESS AND UP TO 600 VOLTS	25	
	201 TO 1000 AMPS AND UP TO 600 VOLTS	50	
	OVER 1000 AMPS OR 600 VOLTS	100	
	SUB-PANELS OR SWITCH BOARDS	15	
	( )RECEPTACLE ( )SWITCHE ( )JNCTN BOXE ( )OTHER OUTLETS	1	
	LIGHTING FIXTURES, SOCKETS OR OTHER LAMP-HOLDING DEVICES	1	
	POWER APPARATUS: MOTORS, GENERATORS, TRANSFORMERS, HEATING/ COOLING SYSTEMS, COMMERCIAL COOKING OR BAKING EQUIPMENT, ETC. UP TO 1HP/KW/KVA	15	
1	OVER 1 UP TO 10 HP/KW/KVA (RELOCATE	30	30
	OVER 10 UP TO 50 HP/KW/KVA	60	
	OVER 50 HP/KW/KVA	90	
	APPLIANCES NOT OVER 1HP: ( )DISHWASHER ( )WASTE GRINDER ( )CLOTHESWASHER ( )ELEC. CLOTHESDRYER ( )ELEC. RANGE/ COOK TOP ( )ELEC. OVEN ( )ROOM AIR CONDITIONER ( )ROOM HEATER ( )ELEC. WATER HEATER ( )DRINKING FOUNTAIN ( )VENDING MACHINE ( )ICE MAKER ( )BEVERAGE CABINET ( )MEDICAL DEVICE	10	
	SWIMMING POOL, SPA OR COMBINATION THEREOF	40	
	TEMPORARY LIGHTING/ELEC. SYSTEM FOR FIRE WORK STAND, CARNIVAL, EXHIBITION, CHRISTMAS TREE LOT, ETC.	15	
	ILLUMINATED SIGN, OUTLINE/FESTOON LIGHTING, EACH CIRCUIT	15	
	PERMIT IS REQUIRED FOR NEW INSTALLATION, REPLACEMENT, OR RELOCATION OF ITEMS LISTED ABOVE.	TOTAL $	45

5/23/95
ISSUED DATE

Jerry Love 6-9-95
FINAL INSPECTION APPROVAL DATE

PERMIT ☐ CANCELED ☐ EXPIRED DATE

printed 12/01/93

CASHIER'S USE ONLY

DECLARATION

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can be passed on to the applicant as they are not recoverable from the state.

CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

DSR CONSTRUCTION INC.
Contractor's Business Name

9430 TRUE AVE DOWNEY 90240
Business Address City Zip

License Class B-1 License No. 656618

Exp Date 10-31-96 Signature of Contractor [signature]

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: See Back).

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: See Back).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: See Back).

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

Date _____ Signature of Owner _____

Owner Verified By:	City Lic. Verified By:

IMPORTANT

IF WORK AUTHORIZED BY THIS PERMIT IS NOT COMMENCED WITHIN ONE YEAR OF ISSUANCE DATE, OR IF WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS, THIS PERMIT SHALL BECOME NULL AND VOID BY TIME LIMITATION. THE WORK IS DEEMED SUSPENDED OR NOT COMMENCED IF THERE IS NO SIGNED INSPECTION RECORD ON JOB CARD

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance (Sec. 3800 Labor Code).

Policy No 1288684 Company STATE FUND

Exp. Date 4-1-96 Signature of Applicant [signature]

DECLARATION OF EXEMPTION

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date _____ Signature of Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

HAZARDOUS MATERIALS

I have read AQMD's Rule 1403 regarding asbestos emissions control and:

☐ I have submitted required notification to AQMD. A copy of the notification is hereby furnished.

☑ According to the Rule, notification is not required for this renovation project.

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material exceeding the exempt amount: ☐ Yes ☐ No

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY AND STATE LAWS RELATING TO THE BUILDING CONSTRUCTION, AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES.

[signature] 04-18-95
Signature of Owner or Contractor ONLY Date

Authorized Agent

CITY OF MONTEREY PARK

BUILDING DIVISION Phone: (818) 307-1300
320 West Newmark Avenue, Monterey Park, CA 91754

ELECTRICAL ☐ PLAN CHECK ☒ PERMIT

☐ Commercial ☐ Residential ☐ New ☐ Add/Alter ☐ Repair

JOB ADDRESS 1977 SATURN ST

OWNER SAN WA BANK Phone (213) 727-3264

Address SAME

CONTRACTOR DSR CONST. Phone 310 696 7815

FOR CITY USE ONLY

PROJECT NO.	39153
PLAN CHECK	pd
PERMIT FEE	64
ADDTNL. P.C.	/
PENALTY	
TOTAL	64

QNT.			
	PERMIT ISSUANCE FEE	$15	15
	SERVICES 200 AMPS OR LESS AND UP TO 600 VOLTS	25	
	201 TO 1000 AMPS AND UP TO 600 VOLTS	50	
	OVER 1000 AMPS OR 600 VOLTS	100	
	SUB-PANELS OR SWITCH BOARDS	15	
29	(8)RECEPTACLE (13)SWITCHE (8)JNCTN BOXE ( )OTHER OUTLETS (4 DUPLEX)	1	29
20	LIGHTING FIXTURES, SOCKETS OR OTHER LAMP-HOLDING DEVICES	1	20
	POWER APPARATUS: MOTORS, GENERATORS, TRANSFORMERS, HEATING/ COOLING SYSTEMS, COMMERCIAL COOKING OR BAKING EQUIPMENT, ETC.	15	
	UP TO 1HP/KW/KVA		
	OVER 1 UP TO 10 HP/KW/KVA	30	
	OVER 10 UP TO 50 HP/KW/KVA	80	
	OVER 50 HP/KW/KVA	90	
	APPLIANCES NOT OVER 1HP ( )DISHWASHER ( )WASTE GRINDER ( )CLOTHESWASHER ( )ELEC. CLOTHESDRYER ( )ELEC. RANGE/ COOK TOP ( )ELEC. OVEN ( )ROOM AIR-CONDITIONER ( )ROOM HEATER ( )ELEC. WATER HEATER ( )DRINKING FOUNTAIN ( )VENDING MACHINE ( )ICE MAKER ( )BEVERAGE CABINET ( )MED CAL DEVICE	10	
	SWIMMING POOL, SPA OR COMBINATION THEREOF	40	
	TEMPORARY LIGHTING/ELEC. SYSTEM FOR FIRE WORK STAND, CARNIVAL, EXHIBITION, CHRISTMAS TREE LOT, ETC.	15	
	ILLUMINATED SIGN, OUTLINE/FESTOON LIGHTING, EACH CIRCUIT	15	
	PERMIT IS REQUIRED FOR NEW INSTALLATION, REPLACEMENT, OR RELOCATION OF ITEMS LISTED ABOVE.	TOTAL $	64

[signature] 4/18/95
ISSUED DATE

Terry Lee 6-9-95
FINAL INSPECTION APPROVAL DATE

PERMIT ☐ CANCELED ☐ EXPIRED DATE

printed * 2/01/93

CASHIER'S USE ONLY

DECLARATIONS

The Declarations below are mandated by the State of California under Section 9825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-10/C-16 License No. 327196

Exp. Date 4-30-96 Signature of Contractor Maggy Adler

CAUF. SUPPRESSION SYSTEMS

CONTRACTOR (D B A)

2505 MIRA MAR AVE.

LONG BEACH, CA 90815

ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. N/A B. & P. C. for this reason:

N/A

Date N/A Signature of Owner N/A

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. 3505046 Company REPUBLIC INDEMNITY

☒ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 4/3/95 Applicant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date N/A Applicant N/A

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name N/A

Lender's Address N/A

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Maggy Adler 4-3-95

Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

Work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit active no more than 180 days.

JOB ADDRESS 1977 SAMUEL AVE.

( ) DWLG ( ) APTS (X) COMM. ( ) ALTNS ( ) REPAIR

P.C./PERMIT NO. 39056

MONTEREY PARK BUILDING DEPARTMENT

ELECTRICAL --- PLAN CHECK --- PERMIT

OWNER SANWA BANK Phone ( )

Address 1977 SAMUEL AVE. City MONTEREY PARK

CONTRACTOR CA. SUPPRESSION SYSTEMS Phone (310) 498-6044

Address 2505 MIRA MAR AVE. LONG BEACH

Work Comp. 3505046 Issued By REPUBLIC INDEMNITY Date 4-3-95

PERMIT FEE	40.00
PLAN CHECK	/
ENERGY FEE	
PENALTY FEE	
TOTAL FEES	40.00

Quantity			
1	Permit Issuance Fee	$15.00	15.00
1	Services 200 amps or less and up to 600 volts	25.00	25.00
	201 to 1000 amps and up to 600 volts	50.00	
	Over 1000 amps or 600 volts	100.00	
	Sub-panel or Switch Board Each	15.00	
	Temporary power pole, Each	25.00	
	( )Receptacles ( )Switches ( )Lights ( )Junction Boxes ( )Other	1.00	
	( ) Branch Circuits	8.00	
	Misc. Equip. Each: ( ) Busway ( ) Dishwasher ( ) Disposal ( ) Clothes washer ( ) Clothesdryer ( ) Fan ( ) Cook Tops/ Range ( ) Oven ( ) Room Air Conditioner ( ) Room Heater ( ) Drinking Fountain ( ) Vending Machine ( ) Other motor operated appliances not exceeding one horsepower	10.00	
	Power Apparatus, Motor, Heating System, Electric Powered Equip. Up to 1 HP, KW, KVA	15.00	
	Over 1 up to 10 HP, KW, KVA	30.00	
	Over 10 up to 50 HP, KW, KVA	60.00	
	Over 50 HP, KW, KVA	90.00	
	Illuminated Sign, Outline Lighting, Festoon Lighting. Each Circuit	15.00	
	Temporary Power Supply: Christmas Tree Lots, Fire Works Stand, Carnivals, Circuses, Exhibitions, Each System	15.00	
	Swim Pool, Spa or Combination thereof	40.00	
	Plan Check Fee 100%		
	PERMIT IS REQUIRED FOR NEW INSTALLATION, REPLACEMENT OR RELOCATION OF EACH ITEM LISTED ABOVE.	Total	40.00

CONTRACTOR'S SIGNATURE: Date 4/3/95

Job Final Jerry Lowe

Date 6-7-95

Cashier's Use

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C-20 License No. 381140

Exp. Date 2/29/96 Signature of Contractor

Perfect Air Control
CONTRACTOR (D B A)

3815 Atlantic Ave Long Beach 90807
ADDRESS City Zip

OWNER BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. W9511317I Company California Compensate

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 6/1/95 Applicant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shal be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name NONE

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

6/1/95
Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS 1977 Saturn St

( ) DWLG ( ) APTS (X) COMM. (X) ALTNS ( ) REPAIR

MONTEREY PARK BUILDING DEPARTMENT

MECHANICAL--- RECEIPT --- PERMIT

PERMIT NO. 39467

OWNER Sanwa Bank Phone 310-490-3700

Address 1977 Saturn St. City Monterey Park, Ca

CONTRACTOR Perfect Air Control Phone 310-498-3700

Address 3815 Atlantic Ave City Long Beach

Work Comp. 1-1-96 | Issued By Jim | Date 6-1-95

	PERMIT FEE	40.-
	PLAN CHECK	
	PENALTY FEE	
	TOTAL FEES	40.-

Quantity			
	Permit Issuance Fee →	$15.00	15.-
	Furnace or space heater: up to 100M B. T. U.	20.00	
	Furnace or space heater: over 100M B. T. U.	30.00	
	Compressor Boiler: up to 3 HP or 100M B. T. U.	20.00	
1	over 3 HP or 100M B. T. U. up to 15 HP or 500M B.T.U. →	25.00	25
	over 15 HP or 500M B. T. U. up to 30 HP or 1000M B.T.U.	40.00	
	over 30 HP or 1000M B.T.U.	70.00	
	Absorption Units, Evaporative Coolers Each	25.00	
	VAV Control Box	10.00	
	Diffusers or Registers, Each	3.00	
	Vent Fan, Residential Hood, Appliance Vents, Duct Extension or Alteration	15.00	
	Commercial Hood including duct	50.00	
	Metal Fireplace with Chimney, Oil Fired Equipment, Storage Tanks, Dipping Tanks, Appliance or Equipment not listed.	20.00	
	Gas Outlets, Each	5.00	
	Plan check fee shall be equal to the permit fee, when plan check is required		
	FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.	Total	40

Permits are required for all new installation, replacement, or relocation of each item listed above.

JOB FINAL Jerry Lowe

DATE 6-9-95

Cashier's Use

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C20 License No. 381440

Date 2/29/96 Signature of Contractor

Perfect Air Control

CONTRACTOR (D B A)

15 Atlantic Ave Long Beach 90807

ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date 5/23/95 Signature of Owner

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800 Lab. C.).

Policy No. W95 1113179 Company California Compensation

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date 5/23/95 Applicant

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date ..... Applicant .....

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

5/23/95

Signature of Owner or Contractor ONLY Date

Owner Verified By:	City Lic. Verified By:

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is suspended or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit valid for no more than 180 days.

JOB ADDRESS 1977 Saturn St

( ) DWLG ( ) APTS (X) COMM. (X) ALTNS ( ) REPAIR

MONTEREY PARK BUILDING DEPARTMENT

MECHANICAL--- RECEIPT -- PERMIT

PERMIT NO. 39407

OWNER Sanwa Bank - Calif. Phone 310 696-7815

Address 1977 Saturn St City Monterey Park

CONTRACTOR Perfect Air Control Phone 310 490-3700

Address 3815 Atlantic Ave City Long Beach

Work Comp. 1/01/96 Issued By WMB Date 5/23/95

		PERMIT FEE	90
		PLAN CHECK	
		PENALTY FEE	
		TOTAL FEES	90

Quantity			
	Permit Issuance Fee	$15.00	15.00
	Furnace or space heater: up to 100M B. T. U.	20.00	
	Furnace or space heater: over 100M B. T. U.	30.00	
	Compressor Boiler: up to 3 HP or 100M B. T. U.	20.00	
	over 3 HP or 100M B. T. U. up to 15 HP or 500M B.T.U.	25.00	
	over 15 HP or 500M B. T. U. up to 30 HP or 1000M B.T.U.	40.00	
	over 30 HP or 1000M B.T.U.	70.00	
	Absorption Units, Evaporative Coolers Each Work	25.00	
3	VAV Control Box Related	10.00	30
10	Diffusers or Registers, Each to BP# 38758	3.00	30
1	Vent Fan, Residential Hood, Appliance Vents, Duct Extension or Alteration	15.00	15.00
	Commercial Hood including duct	50.00	
	Metal Fireplace with Chimney, Oil Fired Equipment, Storage Tanks, Dipping Tanks, Appliance or Equipment not listed.	20.00	
	Gas Outlets, Each	5.00	
	Plan check fee shall be equal to the permit fee, when plan check is required		
	FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.	Total	90

Permits are required for all new installation, replacement, or relocation of each item listed above.

JOB FINAL Jerry Rose

DATE 6-9-95

Cashier's Use

IMPORTANT

IF WORK AUTHORIZED BY THIS PERMIT IS NOT COMMENCED WITHIN ONE YEAR OF ISSUANCE DATE, OR IF WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER COMMENCEMENT THIS PERMIT SHALL BECOME NULL AND VOID BY TIME LIMITATION. THE WORK IS DEEMED SUSPENDED OR NOT COMMENCED IF THERE IS NO SIGNED INSPECTION RECORD ON JOB CARD.

CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Wilson Construction Company
Contractor's Business Name

13311-C Garden Grove Blvd. G.G. 92643
Business Address City

License Class B/C-10 License No 617078

Exp. 4-30-97 Signature of Contractor Gene Wilson

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch 9) (Commencing with Sect 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

—

— , as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.)

—

. . , as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law).

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

_____

Date _____ Signature of Owner _____

Owner Verified	City Lic. Verified

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have and will maintain a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance, as required by Sec. 3800 of Labor Code, for the performance of the work for which this permit is issued.

Policy No. 1256122 Company State Fund

Exp. Date 4-1-96 Signature of Applicant Gene Wilson

DECLARATION OF EXEMPTION

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 7-19-95 Signature of Applicant Gene Wilson

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

HAZARDOUS MATERIALS

I have read AQMD's Rule 1403 regarding asbestos emissions control and:

☐ I have submitted required notification to AQMD. A copy of the notification is hereby furnished.

☒ According to the Rule, notification is not required for this project.

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material exceeding the exempt amount:
☐ Yes ☐ No

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY AND STATE LAWS RELATING TO THE BUILDING CONSTRUCTION AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE MENTIONED PROPERTY FOR INSPECTION PURPOSES.

Gene Wilson 7-19-95
Signature of Owner or Contractor ONLY Date

Rev. 02/01/95

WHITE & CARD Building, YELLOW Permittee, GREEN - Cashier

CITY USE ONLY

PROJECT NO. 040314

PLAN CHECK FEES	
BUILDING 010-701-0010-0610	
ENERGY 010-701-0010-0610	
ACCESS 010-701-0010-0610	
ENGINEERING 010-701-0010-0670	
TRAFFIC 761-480-4212-0621	
FIRE DEPARTMENT 010-701-0010-0683	
PERMIT FEES	010-701-0010-0250
PERMIT	160
ENERGY	—
ACCESS	210
PENALTY	
OTHER FEES	
RECORDS 010-450-1703-0252	10
GENERAL PLAN 010-450-1703-0253	20
PARK FACILITIES 010-701-0730-0900	—
SAFETY IMPACT 010-701-0071-0357	—
EARTHQUAKE 010-701-0010-0320	210
	10
PAYMENT $	402

REMARKS:

RECEIVED/ ISSUED BY _____ DATE 7/19/95

PERMIT FINALIZED BY Paul Strand 12-1-95 DATE

P.C./ PERMIT: ☐ CANCELED ☐ EXPIRED

CITY OF MONTEREY PARK

BUILDING DIVISION 818 307 1300 Inspection 818-307-1279
320 West Newmark Avenue, Monterey Park, CA 91754-2896

BUILDING ☐ PLAN CHECK ☒ PERMIT

☒ Commercial ☐ Residential ☐ Sign Only ☐ Other:

JOB ADDRESS 1977 SATURN ST. Suite

OWNER SANWA BANK Phone (213) 727-3172

Address 1977 SATURN ST.

ARCH./ENGR. John Rublen & Associates Phone 213) 641-4504

Address 8936 So. Sepulveda Blvd L.A.

CONTRACTOR Wilson Contruction Co. Phone (714) 748-1452

JOB DESCRIPTION ☐ NEW ☒ ADD/ALT ☐ REPAIR ☒ DEMO

Remove 30' Lin of non-bearing partition wall; Relocate Door on D-level.

Bldg. Area	Garage Area	Patio/Deck	Air Conditioning ☐ Yes ☐ No
Occup. Group	Type of Constr.	Roof	Fire Sprinkler ☐ Yes ☐ No
Zone	Conditions	Story	No. Units

Valuation $ 10,000

Building Div.	PJ 6/12/95	Water Div.	
Planning Div.	JA 6/12/95	Street Div.	
Engineering Div.		Park & Rec.	
Fire Prev. Bur.	JW 6/7/95	Licensing Div.	

CASHIER USE ONLY

Jul19/95 001#39946 CASH 1
BUILD PERMIT $370.00
Jul19/95 001#39946 CASH 1
PLAN ARCH FE $10.00
Jul19/95 001#39946 CASH 1
GEN PLAN REV $20.00
Jul19/95 001#39946 CASH 1
EARTHQUAKE $2.10

DECLARATION

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can be passed on to the applicant as they are not recoverable from the state.

CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Wilson Construction Company
Contractor's Business Name

3311-C Garden Grove Blvd Gg.
Business Address City 92843 Zip

License Class B/C10 License No. 617078

Exp. Date 4-30-97 Signature of Contractor Dene Wilson

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason **(Sec. 7031.5 California Business and Professions Code: See Back).**

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale **(Sec. 7044, B. & P. C.: See Back).**

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project **(Sec. 7044, B. & P. C.: See Back).**

☐ I am exempt under Sec. _____ B & P. C. for this reason:

Date 7-19-95 Signature of Owner Dene Wilson

Owner Verified By:	City Lic. Verified By.

IMPORTANT

IF WORK AUTHORIZED BY THIS PERMIT IS NOT COMMENCED WITHIN ONE YEAR OF ISSUANCE DATE, OR IF WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS, THIS PERMIT SHALL BECOME NULL AND VOID BY TIME LIMITATION. THE WORK IS DEEMED SUSPENDED OR NOT COMMENCED IF THERE IS NO SIGNED INSPECTION RECORD ON JOB CARD.

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Workers Compensation Insurance (Sec. 3800 Labor Code)

Policy No. 12-56122 Company STATE FUND
Exp. Date 6-1-96 Signature of Applicant Dene Wilson

DECLARATION OF EXEMPTION

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 7-19-95 Signature of Applicant Dene Wilson

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

HAZARDOUS MATERIALS

I have read AQMD's Rule 1403 regarding asbestos emissions control and:

☐ I have submitted required notification to AQMD. A copy of the notification is hereby furnished.

☒ According to the Rule, notification is not required for this renovation project

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material exceeding the exempt amount: ☐ Yes ☐ No

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY AND STATE LAWS RELATING TO THE BUILDING CONSTRUCTION, AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES

Dene Wilson 7-19-95
Signature of Owner or Contractor ONLY Date

CITY OF MONTEREY PARK

BUILDING DIVISION Phone: (818) 307-1300
320 West Newmark Avenue, Monterey Park, CA 91754

ELECTRICAL ☒ PLAN CHECK ☒ PERMIT

☐ Commercial ☐ Residential ☐ New ☐ Add/Alter ☐ Repair

JOB ADDRESS 1977 SATURN ST.

OWNER SANWA BANK Phone (213) 727-3172

Address 1977 SATURN ST.

CONTRACTOR Wilson Construction Phone (714) 748 1452

FOR CITY USE ONLY

PROJECT NO. 040315

PLAN CHECK	17
PERMIT FEE	32
ADDTNL. P.C.	
PENALTY	1
TOTAL	49

QNT.		
	PERMIT ISSUANCE FEE	$ 8
	SERVICES 200 AMPS OR LESS AND UP TO 600 VOLTS	25
	201 TO 1000 AMPS AND UP TO 600 VOLTS	50
	OVER 1000 AMPS OR 600 VOLTS	100
	SUB-PANELS OR SWITCH BOARDS	15
17	(15) RECEPTACLE (2) SWITCHE ( ) JNCTN BOXE ( ) OTHER OUTLETS (Single)	17
	LIGHTING FIXTURES, SOCKETS OR OTHER LAMP-HOLDING DEVICES	1
	POWER APPARATUS: MOTORS, GENERATORS, TRANSFORMERS, HEATING/ COOLING SYSTEMS, COMMERCIAL COOKING OR BAKING EQUIPMENT, ETC. UP TO 1HP/KW/KVA	15
	OVER 1 UP TO 10 HP/KW/KVA	30
	OVER 10 UP TO 50 HP/KW/KVA	60
	OVER 50 HP/KW/KVA	90
	APPLIANCES NOT OVER 1HP: ( )DISHWASHER ( )WASTE GRINDER ( )CLOTHESWASHER ( )ELEC. CLOTHESDRYER ( )ELEC. RANGE/ COOK TOP ( )ELEC. OVEN ( )ROOM AIR-CONDITIONER ( )ROOM HEATER ( )ELEC. WATER HEATER ( )DRINKING FOUNTAIN ( )VENDING MACHINE ( )ICE MAKER ( )BEVERAGE CABINET ( )MEDICAL DEVICE	10
	SWIMMING POOL, SPA OR COMBINATION THEREOF	40
	TEMPORARY LIGHTING/ELEC. SYSTEM FOR FIRE WORK STAND, CARNIVAL, EXHIBITION, CHRISTMAS TREE LOT, ETC.	15
	ILLUMINATED SIGN, OUTLINE/FESTOON LIGHTING, EACH CIRCUIT	10
	PERMIT IS REQUIRED FOR NEW INSTALLATION, REPLACEMENT, OR RELOCATION OF ITEMS LISTED ABOVE.	TOTAL $ 32

ISSUED 7/19/95 DATE

FINAL INSPECTION APPROVAL 12-3-95 DATE

PERMIT ☐ CANCELED ☐ EXPIRED DATE

printed 12/07/99

CASHIER'S USE ONLY

7/19/95 001459946 CASH 1
PLAN CK FEES $17.00
7/19/95 001459946 CASH 1
ELECT PERMIT $32.00

DECLARATION

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can be passed on to the applicant as they are not recoverable from the state.

CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Charles E. Thomas
Contractor's Business Name

13701 S. Alma Ave Gardena 90249
Business Address City Zip

License Class ABC-10 HAZ License No. 302015

Exp. Date 11-30-95 Signature of Contractor Kimberly George

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason **(Sec. 7031.5 California Business and Professions Code: See Back).**

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale **(Sec. 7044, B. & P. C.: See Back).**

☐ I as owner of the property am exclusively contracting with licensed contractors to construct the project **(Sec. 7044, B. & P. C.: See Back).**

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

Date _____ Signature of Owner _____

Owner Verified By.	City Verified By.

IMPORTANT

IF WORK AUTHOHIZED BY THIS PERMIT IS NOT COMMENCED WITHIN ONE YEAR OF ISSUANCE DATE, OR IF WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS, THIS PERMIT SHALL BECOME NULL AND VOID BY TIME LIMITATION. THE WORK IS DEEMED SUSPENDED OR NOT COMMENCED IF THERE IS NO SIGNED INSPECTION RECORD ON JOB CARD.

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self insure or a certificate of Worker's Compensation Insurance (Sec. 3600 Labor Code).

Policy No. WM94-572019-02 Company Fremont

Exp. Date 10-01-95 Signature of Applicant Kimberly George

DECLARATION OF EXEMPTION

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date _____ Signature of Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

HAZARDOUS MATERIALS

I have read AQMD's Rule 1403 regarding asbestos emissions control and:

☐ I have submitted required notification to AQMD. A copy of the notification is hereby furnished.

☐ According to the Rule, notification is not required for this renovation project.

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material exceeding the exempt amount: ☐ Yes ☐ No

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY AND STATE LAWS RELATING TO THE BUILDING CONSTRUCTION AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES.

Kimberly George 9-1-95
Signature of Owner or Contractor ONLY Date

CITY OF MONTEREY PARK

BUILDING DIVISION Phone: (818) 307-1300
320 West Newmark Avenue, Monterey Park, CA 91754

ELECTRICAL ☐ PLAN CHECK ☒ PERMIT

☒ Commercial ☐ Residential ☐ New ☐ Add/Alter ☐ Repair

JOB ADDRESS 1977 Saturn St.

OWNER Sanwa Bank Phone (213) 727-3265

Address 1977 Saturn St.

CONTRACTOR Charles E Thomas Phone (310) 323-6730

FOR CITY USE ONLY

PROJECT NO. 040763

PLAN CHECK	
PERMIT FEE	41
ADDTNL. P.C.	/
PENALTY	
TOTAL	41

QNT.			
	PERMIT ISSUANCE FEE	$15	15
1	SERVICES 200 AMPS OR LESS AND UP TO 600 VOLTS 200AMP	25	25
	201 TO 1000 AMPS AND UP TO 600 VOLTS	50	
	OVER 1000 AMPS OR 600 VOLTS	100	
	SUB-PANELS OR SWITCH BOARDS LEAK SENSOR JR	15	
	( )RECEPTACLE ( )SWITCHE ( )JNCTN BOXE (1)OTHER OUTLETS	1	1
	LIGHTING FIXTURES, SOCKETS OR OTHER LAMP-HOLDING DEVICES	1	
	POWER APPARATUS: MOTORS, GENERATORS, TRANSFORMERS, HEATING/ COOLING SYSTEMS, COMMERCIAL COOKING OR BAKING EQUIPMENT, ETC.		
	UP TO 1HP/KW/KVA ~~LEAK SENSOR JR~~	15	
	OVER 1 UP TO 10 HP/KW/KVA	30	
	OVER 10 UP TO 50 HP/KW/KVA	60	
	OVER 50 HP/KW/KVA	90	
	APPLIANCES NOT OVER 1HP: ( )DISHWASHER ( )WASTE GRINDER ( )CLOTHESWASHER ( )ELEC. CLOTHESDRYER ( )ELEC. RANGE/ COOK TOP ( )ELEC. OVEN ( )ROOM AIR CONDITIONER ( )ROOM HEATER ( )ELEC. WATER HEATER ( )DRINKING FOUNTAIN ( )VENDING MACHINE ( )ICE MAKER ( )BEVERAGE CABINET ( )MEDICAL DEVICE	10	
	SWIMMING POOL SPA OR COMBINATION THEREOF	40	
	TEMPORARY LIGHTING/ELEC. SYSTEM FOR FIRE WORK STAND, CARNIVAL EXHIBITION, CHRISTMAS TREE LOT, ETC.	15	
	ILLUMINATED SIGN, OUTLINE/FESTOON LIGHTING, EACH CIRCUIT	15	
	PERMIT IS REQUIRED FOR NEW INSTALLATION, REPLACEMENT, OR RELOCATION OF ITEMS LISTED ABOVE.	TOTAL $	41

9/01/95
ISSUED DATE

Paul Strand 12-3-95
FINAL INSPECTION APPROVAL DATE

PERMIT ☐ CANCELED ☐ EXPIRED
DATE

printed 12/01/93

CASHIER'S USE ONLY

09/14/95 CASH 41.00

IMPORTANT

IF WORK AUTHORIZED BY THIS PERMIT IS NOT COMMENCED WITHIN ONE YEAR OF ISSUANCE DATE, OR IF WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER COMMENCEMENT, THIS PERMIT SHALL BECOME NULL AND VOID BY TIME LIMITATION. THE WORK IS DEEMED SUSPENDED OR NOT COMMENCED IF THERE IS NO SIGNED INSPECTION RECORD ON JOB CARD.

CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Wilcox Construction Co.
Contractor's Business Name

13311-C Goldenwest Blvd Garden Grove 92643
Business Address City Zip

License Class B/C-10 License No. 617078

Exp. date 9-30-97 Signature of Contractor Michael P Lee

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 California Business and Professions Code: Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sect. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

Date 10-9-95 Signature of Owner Michael P. Lee

Owner Verified	City Lic. Verified

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have and will maintain a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance, as required by Sec. 3800 of Labor Code, for the performance of the work for which this permit is issued.

Policy No. 25122 Company State Fund

Exp. Date 6-1-96 Signature of Applicant Michael P Lee

DECLARATION OF EXEMPTION

I certify that in the performance of the work for which this permit is issued I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 10-9-95 Signature of Applicant Michael P Lee

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

HAZARDOUS MATERIALS

I have read AQMD's Rule 1403 regarding asbestos emissions control and:

☐ I have submitted required notification to AQMD. A copy of the notification is hereby furnished.

☐ According to the Rule, notification is not required for this project.

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material exceeding the exempt amount? ☐ Yes ☐ No

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY AND STATE LAWS RELATING TO THE BUILDING CONSTRUCTION, AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES.

Michael P Lee 10-9-95
Signature of Owner or Contractor ONLY Date

CITY USE ONLY

PROJECT NO. 041047

PLAN CHECK FEES	
BUILDING 010-701-0010-0610	60 PC
ENERGY 010-701-0010-0610	PC
ACCESS 010-701-0010-0610	PC
ENGINEERING 010-701-0010-0670	Paid 6/30/95
TRAFFIC 758-450-4212-0621	
FIRE DEPARTMENT 010-701-0010-0633	60
PERMIT FEES 010-701-0010-0250	
PERMIT	310
ENERGY	175
ACCESS	175
PENALTY	
OTHER FEES	
RECORDS 010-450-1703-0252	30
GENERAL PLAN 010-450-1703-0253	60
PARK FACILITIES 070-701-0700-0503	✓
SAFETY IMPACT 071-701-0071-0357	✓
EARTHQUAKE 010-701-0010-0923	6 30
PAYMENT $	8/6 30

REMARKS:

RECEIVED/ ISSUED BY: _____ DATE 10/04/95

PERMIT FINALIZED BY: Paul Strand DATE 12-3-95

P.C./ PERMIT ☐ CANCELED ☐ EXPIRED

CITY OF MONTEREY PARK

BUILDING DIVISION 818-307-1300 Inspection 818-307-1229
320 West Newmark Avenue, Monterey Park, CA 91754-2896

BUILDING ☐ PLAN CHECK ☒ PERMIT

☒ Commercial ☐ Residential ☐ Sign Only ☐ Other:

JOB ADDRESS 1977 Saturn St. Suite/ Level B.

OWNER SANWA BANK CALIF. Phone ( )

Address

ARCH./ENGR. Phone ( )

Address

CONTRACTOR Phone ( )

JOB DESCRIPTION ☐ NEW ☒ ADD/ALT ☐ REPAIR ☐ DEMO

T. I. "B" LEVEL FOR WIRE TRANSFER ROOM.

Bldg. Area 4194	Garage Area	Patio/Deck	Air Conditioning ☐ Yes ☐ No
Occup. Group	Type of Constr.	Floor	Fire Sprinkler ☐ Yes ☐ No
Zone	Conditions	Story	No. Units
Valuation $ 30,000			
Building Div.		Water Div.	
Planning Div.		Street Div.	
Engineering Div.		Park & Rec.	
Fire Prev. Div.		Licensing Div.	

CASHIER USE ONLY

Rev. 02/01/95 WHITE & CARD - Building; YELLOW - Permittee GREEN - Cashier

DECLARATION

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can be passed on to the applicant as they are not recoverable from the state

CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Wilson Const. Co.
Contractor's Business Name

[illegible] Covina Blvd
Business Address City Zip

License Class B&K-10 License No. 617678

Exp. Date 4-30-97 Signature of Contractor

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason **(Sec. 7031.5 California Business and Professions Code: See Back).**

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale **(Sec. 7044, B. & P. C.: See Back).**

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project **(Sec. 7044, B. & P. C.: See Back).**

☐ I am exempt under Sec. _____ B. & P. C. for this reason:

Date 10-4-95 Signature of Owner

Owner Verified By:	City Lic Verified By.

IMPORTANT

IF WORK AUTHORIZED BY THIS PERMIT IS NOT COMMENCED WITHIN ONE YEAR OF ISSUANCE DATE, OR IF WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS, THIS PERMIT SHALL BECOME NULL AND VOID BY TIME LIMITATION. THE WORK IS DEEMED SUSPENDED OR NOT COMMENCED IF THERE IS NO SIGNED INSPECTION RECORD ON JOB CARD.

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance (Sec. 3800 Labor Code).

Policy No. 1254122 Company STATE FUND

Exp. Date 4-1-96 Signature of Applicant

DECLARATION OF EXEMPTION

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 10-4-95 Signature of Applicant

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.)

Lender's Name _____

Lender's Address _____

HAZARDOUS MATERIALS

I have read AQMD's Rule 1403 regarding asbestos emissions control and.

☐ I have submitted required notification to AQMD. A copy of the notification is hereby furnished.

☐ According to the Rule, notification is not required for this renovation project.

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material exceeding the exempt amount: ☐ Yes ☐ No

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT. I AGREE TO COMPLY WITH ALL CITY AND STATE LAWS RELATING TO THE BUILDING CONSTRUCTION, AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES.

Signature of Owner or Contractor ONLY 10-9-95 Date

CITY OF MONTEREY PARK

BUILDING DIVISION Phone: (818) 307-1300
320 West Newmark Avenue, Monterey Park, CA 91754

ELECTRICAL ☐ PLAN CHECK ☑ PERMIT

FOR CITY USE ONLY

PROJECT NO. 041046

☒ Commercial ☐ Residential ☐ New ☐ Add/Alter ☐ Repair

JOB ADDRESS 1977 SATURN ST.

OWNER SANWA BANK Phone (213) 627-3172

Address 1977 SATURN ST

CONTRACTOR Wilson Const. Co. Phone (714) 798-1452

PLAN CHECK	51.-
PERMIT FEE	
ADDTNL. P.C.	
PENALTY	
TOTAL	51.-

QNT.			
	PERMIT ISSUANCE FEE	$15	15
1	SERVICES 200 AMPS OR LESS AND UP TO 600 VOLTS UP-GRADE	25	25
	201 TO 1000 AMPS AND UP TO 600 VOLTS	50	
	OVER 1000 AMPS OR 600 VOLTS	100	
	SUB-PANELS OR SWITCH BOARDS	15	
82	(78) RECEPTACLE (4) SWITCHE ( ) JNCTN BOXE ( ) OTHER OUTLETS	1	82.-
29	LIGHTING FIXTURES, SOCKETS OR OTHER LAMP-HOLDING DEVICES	1	29.-
	POWER APPARATUS: MOTORS, GENERATORS, TRANSFORMERS, HEATING/ COOLING SYSTEMS, COMMERCIAL COOKING OR BAKING EQUIPMENT, ETC. UP TO 1HP/KW/KVA	15	
	OVER 1 UP TO 10 HP/KW/KVA	30	
	OVER 10 UP TO 50 HP/KW/KVA	60	
	OVER 50 HP/KW/KVA	90	
	APPLIANCES NOT OVER 1HP: ( ) DISHWASHER ( ) WASTE GRINDER ( ) CLOTHESWASHER ( ) ELEC. CLOTHESDRYER ( ) ELEC. RANGE/ COOK TOP ( ) ELEC. OVEN ( ) ROOM AIR-CONDITIONER ( ) ROOM HEATER ( ) ELEC. WATER HEATER ( ) DRINKING FOUNTAIN ( ) VENDING MACHINE ( ) ICE MAKER ( ) BEVERAGE CABINET ( ) MEDICAL DEVICE	10	
	SWIMMING POOL, SPA OR COMBINATION THEREOF	40	
	TEMPORARY LIGHTING/ELEC. SYSTEM FOR FIRE WORK STAND, CARNIVAL, EXHIBITION CHRISTMAS TREE LOT, ETC.	15	
	ILLUMINATED SIGN, OUTLINE/FESTOON LIGHTING, EACH CIRCUIT	15	
	PERMIT IS REQUIRED FOR NEW INSTALLATION, REPLACEMENT, OR RELOCATION OF ITEMS LISTED ABOVE.	TOTAL $	51.-

10/04/95
ISSUED DATE

Paul Strand 12-1-95
FINAL INSPECTION APPROVAL DATE

PERMIT ☐ CANCELED ☐ EXPIRED
DATE

printed 12/07/93

CASHIER'S USE ONLY

DECLARATIONS

The Declarations below are mandated by the State of California under Section 19825 of the Health and Safety Code. The additional cost of printing and permit application processing caused by these requirements can only be passed on to the applicant as they are not recoverable from the state.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class C20 License No. 629529

Exp. Date 9/97 Signature of Contractor

MAN AIR

CONTRACTOR (D B A)

19215 INGOMAR ST RESEDA 91335

ADDRESS City Zip

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, California Business and Professions Code. Any City which requires a permit to construct, alter, improve, demolish or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is a licensed contractor pursuant to the provisions of the Contractor's License Law (Ch. 9) (Commencing with Sec. 7000) of Div. 3 of the B. & P. C.) or that he is exempt therefrom and the basis for the alleged exemption. Any violations of Sec. 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00.):

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, B. & P. C.: The Contractor's License Law does not apply to an owner of contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).

☐ I am exempt under Sec. ..... B. & P. C. for this reason:

Date ..... Signature of Owner .....

WORKER'S COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure or a certificate of Worker's Compensation Insurance or a certified copy thereof (Sec. 3800, Lab. C.).

Policy No. ..... Company .....

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the Department of Building & Safety.

Date ..... Applicant .....

CERTIFICATE OF EXEMPTION FROM WORKER'S COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

Date 10/10/95 Applicant

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Work's Comp. provisions of the Labor Code, You must forthwith comply with such provisions or this permit shall be deemed revoked.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name .....

Lender's Address .....

I certify that I have read this application and state that the above information is correct. I agree to comply with all City, and State laws relating to the building construction, and hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes.

Signature of Owner or Contractor ONLY Date 10/10/95

Owner Verified By:

City Lic. Verified By: MR

— IMPORTANT —

Application is hereby made to the Director of Building and Safety for a permit subject to the conditions and restrictions set forth on the front of this application.

If work authorized by this permit is not commenced within 180 days of issuance date, or if work is superded or abandoned for a period of 180 days, this permit shall become null and void by time limitation. A signed inspection on job card will keep permit for no more than 180 days.

JOB ADDRESS 1977 SATURN

( ) DWLG ( ) APTS (X) COMM. (X) ALTNS ( ) REPAIR

MONTEREY PARK BUILDING DEPARTMENT

MECHANICAL--- RECEIPT --- PERMIT

PERMIT NO. 41100

41100

OWNER SANWA BANK Phone

Address 1977 SATURN City MONTEREY PARK

CONTRACTOR MAN-AIR Phone 818 772 2946

Address 19215 INGOMAR City RESEDA

Work Comp. Issued By Date 10/10/95

	PERMIT FEE	69
	PLAN CHECK	Pd
	PENALTY FEE	
	TOTAL FEES	69

Quantity			
	Permit Issuance Fee	$15.00	15
	Furnace or space heater: up to 100M B. T. U.	20.00	
	Furnace or space heater: over 100M B. T. U.	30.00	
	Compressor Boiler: up to 3 HP or 100M B. T. U.	20.00	
	over 3 HP or 100M B. T. U. up to 15 HP or 500M B.T.U.	25.00	
	over 15 HP or 500M B. T. U. up to 30 HP or 1000M B.T.U.	40.00	
	over 30 HP or 1000M B.T.U.	70.00	
	Absorption Units, Evaporative Coolers Each	25.00	
3	VAV Control Box	10.00	30
8	Diffusers or Registers, Each	3.00	24
	Vent Fan, Residential Hood, Appliance Vents, Duct Extension or Alteration	15.00	
	Commercial Hood including duct	50.00	
	Metal Fireplace with Chimney, Oil Fired Equipment, Storage Tanks, Dipping Tanks, Appliance or Equipment not listed.	20.00	
	Gas Outlets, Each	5.00	
	Plan check fee shall be equal to the permit fee, when plan check is required		
	FEE PAID ON THIS PERMIT PROVIDES FOR ONE INSPECTION ONLY FOR EACH PHASE OF WORK. Example: Underground, Rough, Finish.	Total	69

Permits are required for all new installation, replacement, or relocation of each item listed above.

JOB FINAL Paul Strand

DATE 12-3-95

Cashier's Use

Certificate of Occupancy

CITY OF MONTEREY PARK

320 West Newmark Avenue, Monterey Park, California 91754 Tel: (626) 307-1300

This Certificate issued pursuant to the requirements of Chapter 16.01.040, Section 110 of the City of Monterey Park Municipal Code certifying that at the time of issuance this structure was in compliance with the various ordinances of the City regulating building occupancy and use, for the following:

Business Name Bank of the West						**Business Phone** (323) 727-3017
Address of Building / Structure	1977 Saturn St. Monterey Park, CA 91754					
Description of Area Occupied						**Square Footage Occupied** 205,628
Name of Owner:	1977 Saturn LLC					**Owner Phone** (323) 727-3017
Owner Address:	1977 Saturn St. Monterey Park, CA 91754					
BUILDING DIVISION						
Permit #	N/A	**Occupancy Group**	B	**Type of Construction**	I-A	**Sprinklers** Yes ☒ No ☐
Use Description	Administrative Office			**Code:** 2010 CBC	**Design Occupant Load:**	
Use Zone: O-P	**CUP:** N/A					**Variance:** N/A

Conditions and/or Limitations:

Certificate Number: 00526

Date Issued: 11/08/2012

CITY OF MONTEREY PARK CALIFORNIA

Building Official

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B19-0422

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area:

Job Address: **1977 SATURN ST**

APN: **5265026054**

Permit Issued: **03/11/2020**
Permit Expires: **11/01/2021**
Status: **Final**
Application Type: **Non-Residential**

Applicant:
717 OHMS WAY

COSTA MESA, CA 92627
Phone: :(714) 720-6828

Architect:

Phone:
License:

Contractor: **RICHARD VINCENT CORTES**
717 OHMS WAY

COSTA MESA, CA 92627
Phone: :(714) 720-6828
License: 305760

Owner: **1977 SATURN LLC**
10900 4TH ST NE UNIT 500

BELLEVUE, WA 98004
Phone:

Valuation: **$350,000.00**
Project Floor Area:
Stories:

Fire Sprinklers:
Occupancy Classification:
Type of Construction:

Work Description:
REPLACE GENERATOR

Total Fees:	**$10,943.28**
Paid Amount:	**$10,943.28**
Balance:	**$0.00**

UNIT BREAKDOWN FOR B19-0422

1.00	Sub-panel or Switchboard
1.00	Power Apparatus (Over 50 HP)
1.00	Sub-panel or Switchboard
1.00	Power Apparatus (Over 50 HP)
1.00	Sub-panel or Switchboard
1.00	Power Apparatus (Over 50 HP)

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B21-0106

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area:

Job Address: **1977 SATURN ST LEVELC**

APN: **5265026054**

Permit Issued: **04/05/2021**
Permit Expires: **11/16/2021**
Status: **Expired Permit**
Application Type: **Non-Residential**

Applicant:

Phone:

Architect:

Phone:
License:

Contractor: **ESPLANADE BUILDERS INC.**
JULIAN ALONSO
23820 HAWTHORNE BLVD. STE 100/101
Phone: 310 783 7664
License: 831964

Owner: **1977 SATURN LLC**
10900 4TH ST NE UNIT 500
BELLEVUE, WA 98004
Phone:

Valuation: **$148,880.05**
Project Floor Area:
Stories:

Fire Sprinklers:
Occupancy Classification:
Type of Construction:

Work Description:
INTERIOR DEMO NOT FOR OCCUPANCY
45,066 SQ. FT. OF TOTAL AREA FOR LEVEL C TO REPLACE B18-1060

Total Fees:	**$5,046.45**
Paid Amount:	**$5,046.45**
Balance:	**$0.00**

City of Monterey Park

320 W. Newmark Avenue, Monterey Park, CA 91754
BUILDING DIVISION T.(626) 307-1300 F.(626) 307-1482

B21-0105

Alteration-Repair

Inspection Hotline: **(626) 307-1229**
Inspector Area:

Job Address: **1977 SATURN ST LEVEL A**

APN: **5265026054**

Permit Issued: **04/05/2021**
Permit Expires: **11/16/2021**
Status: **Expired Permit**
Application Type: **Non-Residential**

Applicant:

Phone:

Architect:

Phone:
License:

Contractor: **ESPLANADE BUILDERS INC.**
JULIAN ALONSO
23820 HAWTHORNE BLVD. STE 100/101
Phone: 310 783 7664
License: 831964

Owner: **1977 SATURN LLC**
10900 4TH ST NE UNIT 500
BELLEVUE, WA 98004
Phone:

Valuation: **$21,785.26**
Project Floor Area:
Stories:

Fire Sprinklers:
Occupancy Classification:
Type of Construction:

Work Description:
INTERIOR DEMO NOT FOR OCCUPANCY
6594 SQ. FT. OF TOTAL AREA FOR LEVEL A TO REPLACE B18-1059

Total Fees:	**$1,272.83**
Paid Amount:	**$1,272.83**
Balance:	**$0.00**

Search for a Handler (Advanced)

ID Number

Handler Name

Address Type

Physical Address

Street

Saturn

City

Zip Code

91755

County

ID Status

ID Type

ID Category

Entity Type

Search | Reset | Advanced

24 Records

Export CSV

EPA ID	Facility Name	Address	City	Zip Code	State	County	Status	ID Category	Issue Date	Inacti Date
CAC002986628	EQUITY OFFICE	1977 SATURN ST	MONTEREY PARK	91755	CA	LOS ANGELES	INACTIVE	State	10/26/2018	1/25/
CAD982463895	BANK OF THE WE...	1977 SATURN ST	MONTEREY PARK	917557418	CA	LOS ANGELES	INACTIVE	Federal	6/15/1989	6/30/
CAC002624712	UNION BANK OF...	1980 SATURN ST	MONTEREY PARK	917557417	CA	LOS ANGELES	INACTIVE	State	12/7/2007	6/5/2(
CAC002636790	JONES LANGE LA...	1980 SATURN ST	MONTEREY PARK	917557417	CA	LOS ANGELES	INACTIVE	State	11/17/2008	5/17/
CAC002678253	CBRE AGENT FOR...	1980 SATURN ST	MONTEREY PARK	917557417	CA	LOS ANGELES	INACTIVE	State	10/21/2011	4/19/
CAC002762786	UNION BANK	1980 SATURN ST	MONTEREY PARK	917557417	CA	LOS ANGELES	INACTIVE	State	3/3/2014	6/2/2(
CAC002776206	UNION BANK	1980 SATURN ST	MONTEREY PARK	917557417	CA	LOS ANGELES	INACTIVE	State	6/25/2014	9/24/
CAC002852770	UNION BANK	1980 SATURN ST	MONTEREY PARK	917557417	CA	LOS ANGELES	INACTIVE	State	3/14/2016	6/14/
CAC002864894	UNION BANK	1980 SATURN ST	MONTEREY PARK	917557417	CA	LOS ANGELES	INACTIVE	State	6/14/2016	9/14/
CAL000030909	UNION BANK OF...	1980 SATURN ST	MONTEREY PARK	917557417	CA	LOS ANGELES	INACTIVE	State	5/16/1990	6/30/
CAC002877989	UNION BANK	1980 SATURN ST...	MONTEREY PARK	91755	CA	LOS ANGELES	INACTIVE	State	9/15/2016	12/16
CAC002882250	UNION BANK	1980 SATURN ST...	MONTEREY PARK	91755	CA	LOS ANGELES	INACTIVE	State	10/17/2016	1/17/
CAC002930430	UNION BANK	1980 SATURN ST...	MONTEREY PARK	91755	CA	LOS ANGELES	INACTIVE	State	10/1/2017	1/1/2(
CAC002942207	UNION BANK	1980 SATURN ST...	MONTEREY PARK	91755	CA	LOS ANGELES	INACTIVE	State	1/2/2018	4/4/2(
CAC002956804	UNION BANK	1980 SATURN ST...	MONTEREY PARK	91755	CA	LOS ANGELES	INACTIVE	State	4/11/2018	7/12/
CAC002971095	UNION BANK	1980 SATURN ST...	MONTEREY PARK	91755	CA	LOS ANGELES	INACTIVE	State	7/16/2018	10/15
CAC003062333	DANIEL ROSALES	1980 SATURN ST...	MONTEREY PARK	91755	CA	LOS ANGELES	INACTIVE	State	4/3/2020	7/3/2(
CAC003155280	DANIEL ROSALES	1980 SATURN ST...	MONTEREY PARK	91755	CA	LOS ANGELES	INACTIVE	State	1/4/2022	4/5/2(
CAC003192019	DANIEL ROSALES	1980 SATURN ST...	MONTEREY PARK	91755	CA	LOS ANGELES	INACTIVE	State	8/26/2022	11/25
CAC003195784	2001 SATURN LLC	2001 SATURN ST	MONTEREY PARK	91755	CA	LOS ANGELES	INACTIVE	State	9/20/2022	12/20
CAC003198580	2001 SATURN LLC	2001 SATURN ST.	MONTEREY PARK	91755	CA	LOS ANGELES	INACTIVE	State	10/8/2022	1/7/2(
CAR000087692	LYTE OPTRONICS	2019 SATURN ST	MONTEREY PARK	917557415	CA	LOS ANGELES	INACTIVE	Federal	4/3/2001	6/30/
CAC003204181	LEONARDO TIJERO	2019 SATURN ST...	MONTEREY PARK	91755	CA	LOS ANGELES	INACTIVE	State	11/14/2022	2/13/
CAL000321387	SEACLIFF DIAGN...	2100 SATURN ST ...	MONTEREY PARK	917557437	CA	LOS ANGELES	INACTIVE	State	6/26/2007	6/30/

Page Size: All 1 to 24 of 24 Page 1 of 1

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Handler Profile

CAC002886409 - BRE CA OFFICE OWNER LLC.

Status: INACTIVE

Powered by Esri

ID Number Profile

ID Number:	CAC002886409
Facility Name:	BRE CA OFFICE OWNER LLC.
ID Number Status:	INACTIVE (expired: 2/17/2017)
ID Type:	TEMPORARY
ID Category:	STATE
Entity Types:	
Issued Date:	11/17/2016
Last Updated:	2/17/2017

Facility Address

1977 SATURN STREET
MONTEREY PARK, CA 91754
LOS ANGELES County
(-90, 180)

Mailing Address

1000 COPERATE CENTER DRIVE
MONTEREY PARK, CA 91754

Owner

BRE CA OFFICE OWNER LLC.
1977 SATURN STREET
MONTEREY PARK, CA 91754
(805) 207-7916

Contact

DEAN CHRISTIAN
1000 COPERATE CENTER DRIVE
MONTEREY PARK, CA 91754
(805) 207-7916

CalEnviroScreen 4.0 Results

Census Tract: 6037482800 (Population: 4524)

The results for each indicator range from 0-100 and represent the percentile ranking of census tract 6037482800 relative to other census tracts.

Overall Percentiles		**Environmental Effects**	
CalEnviroScreen:	63	Cleanup Sites:	69
Pollution Burden:	89	Groundwater Threats:	0
Population Characteristics:	41	Hazardous Waste:	60
		Solid Waste:	0

NAICS Codes

Annual ID Number Verification History

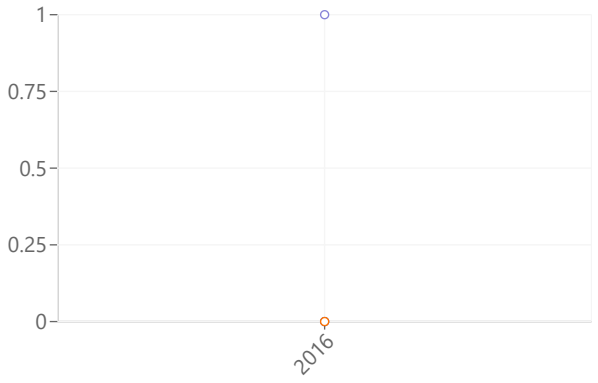
Year	Status	Method	VQ Number (eVQ)	Completion Date	Comments

No results found matching your search critera.

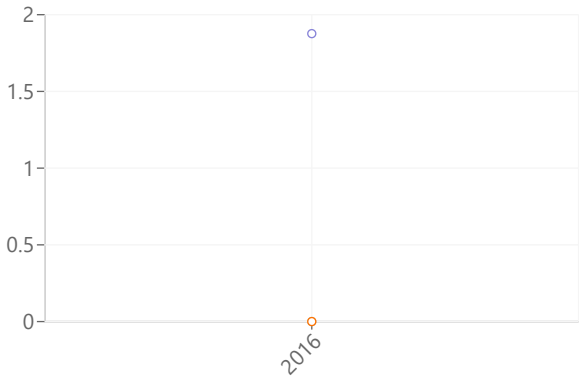
Page Size: 10 | 0 to 0 of 0 | Page 0 of 0

Manifests

Manifest Per Year by Handler Type



Tonnage Handled Per Year by Handler Type



Manifest Counts and Total Tonnage

Export CSV

Year	Count	Tons	Count	Tons	Count	Tons
2016	1	1.87656	0	0	0	0

Waste Code Matrix

Entity Type

Generator

Waste Code Type

Non-RCRA

Search Reset

Export CSV

Waste Code	Description	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	20
241	TANK BOTTOM0WASTE	0	0	0	0	0	0	1.87656	0	0	0	0	0	0	

Page Size: 50 1 to 1 of 1 Page 1 of 1

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DTSC.04039.1202

2

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	CAC002886409	1	805 207-7916	013680099 JJK

GENERATOR

5. Generator's Name and Mailing Address
BRE CA OFFICE OWNER LLC
1977 SATURN STREET
MONTEREY PARK, CA 91754
Generator's Phone: 805 207-7916 Attn:DEAN CHRISTIAN

Generator's Site Address (if different than mailing address)
BRE CA OFFICE OWNER LLC
1977 SATURN STREET
MONTEREY PARK , CA 91754

6. Transporter 1 Company Name: ADAMS SERVICES, INC. — U.S. EPA ID Number: CAR000189431

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
DEMENNO/KERDOON
2000 N. ALAMEDA STREET
COMPTON, CA 90222
Facility's Phone: 310 537-7100
U.S. EPA ID Number: CAT080013352

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA HAZARDOUS WASTE LIQUID (WATER WITH TRACE HYDROCARBONS)	1	TT	450	G	241
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
AVOID EYE CONTACT & WEAR RUBBER GLOVES
ERG 128
CONTRACTOR: GEORGE BRYANT
1) WATER WITH HYDROCARBONS

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [signature] — Signature: [signature] — Month 11 Day 28 Year 16

INTL

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: ____
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [signature] — Signature: [signature] — Month 11 Day 29 Year 16

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space: ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Reconciled quantity 585 with Ryder Manifest Reference Number: Adams — 12-13-16

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H039			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: [signature] — Signature: [signature] — Month 12 Day 07 Year 16

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

12485.0366

Handler Profile

CAC002986628 - EQUITY OFFICE

Status: INACTIVE



ID Number Profile

ID Number:	CAC002986628
Facility Name:	EQUITY OFFICE
ID Number Status:	INACTIVE (expired: 1/25/2019)
ID Type:	TEMPORARY
ID Category:	STATE
Entity Types:	
Issued Date:	10/26/2018
Last Updated:	1/26/2019

Facility Address

1977 SATURN ST
MONTEREY PARK, CA 91755
LOS ANGELES County
(34.039477, -118.115084)

Mailing Address

1977 SATURN ST
MONTEREY PARK, CA 91755

Owner

EQUITY OFFICE
1977 SATURN ST
MONTEREY PARK, CA 91755
(323) 430-7081

Contact

ROBERT DEL HIERRO
1977 SATURN ST
MONTEREY PARK, CA 91755
(323) 430-7081

CalEnviroScreen 4.0 Results

Census Tract: 6037482800 (Population: 4524)

The results for each indicator range from 0-100 and represent the percentile ranking of census tract 6037482800 relative to other census tracts.

Overall Percentiles		**Environmental Effects**	
CalEnviroScreen:	63	Cleanup Sites:	69
Pollution Burden:	89	Groundwater Threats:	0
Population Characteristics:	41	Hazardous Waste:	60
		Solid Waste:	0

NAICS Codes

Annual ID Number Verification History

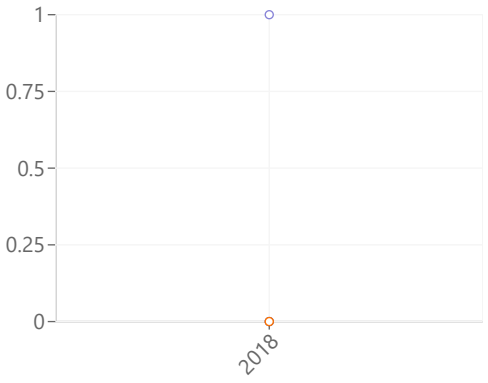
Year	Status	Method	VQ Number (eVQ)	Completion Date	Signature

No results found matching your search critera.

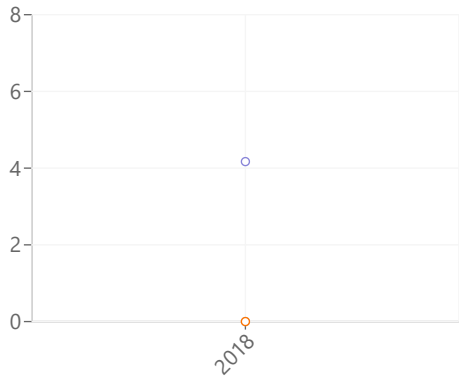
Page Size: 10 | 0 to 0 of 0 | Page 0 of 0

Manifests

Manifest Per Year by Handler Type



Tonnage Handled Per Year by Handler Type



Manifest Counts and Total Tonnage

Export CSV

Year	Count	Tons	Count	Tons	Count	Tons
2018	1	4.17014	0	0	0	0

Waste Code Matrix

Entity Type

Generator

Waste Code Type

Non-RCRA

Search Reset

Export CSV

Waste Code	Description	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	20
241	TANK BOTTOM WASTE	0	0	0	0	0	4.17014	0	0	0	0	0	0	0	0

Page Size: 50 1 to 1 of 1 Page 1 of 1

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Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAC002986628	1	909-944-3517	019436560JJK

GENERATOR

5. Generator's Name and Mailing Address
EQUITY OFFICE
1977 SATURN ST
MONTEREY PARK CA, 91755

Generator's Phone: 323-430-7081

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: ADAMS SERVICES INC
U.S. EPA ID Number: CAR000189431

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
DEMENNO/KERDOON
2000 2000 N. ALAMEDA STREET
COMPTON CA, 90222-0000

Facility's Phone: 310-537-7100

U.S. EPA ID Number: CAT080013352

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON RCRA HAZARDOUS WASTE LIQUID (WATER WITH TRACE HYDROCARBONS)	1	TT	1000	G	241
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
AVOID EYE CONTACT & WEAR RUBBER GLOVES
ERG 128
CONTRACTOR: GEORGE BRYANT
1) WATER WITH HYDROCARBONS ; Line 1:

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
GUSTAVO GUZMAN	GUSTAVO GUZMAN	11	08	2018

INT'L

16. International Shipments ☐ Import to U.S ☐ Export from U.S. Port of entry/exit: _____
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
ROBERT JORDAN	ROBERT JORDAN	11	08	2018
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H039			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year
Sophal P. Svay	Sophal P. Svay	11	16	2018

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

Handler Profile

CAD982463895 - BANK OF THE WEST

Status: INACTIVE



ID Number Profile

ID Number:	CAD982463895
Facility Name:	BANK OF THE WEST
ID Number Status:	INACTIVE (expired: 6/30/2016)
ID Type:	PERMANENT
ID Category:	FEDERAL
Entity Types:	GENERATOR
Issued Date:	6/15/1989
Last Updated:	1/12/2017

Facility Address

1977 SATURN ST
MONTEREY PARK, CA 91755
LOS ANGELES County
(34.039969, -118.112752)

Mailing Address

1977 SATURN ST
MONTEREY PARK, CA 91755

Owner

BANK OF THE WEST
180 MONTGOMERY ST
SAN FRANCISCO, CA 94104
(925) 942-8300

Contact

TRINIDAD STELLA
1977 SATURN ST
MONTEREY PARK, CA 91755
(323) 727-3017

CalEnviroScreen 4.0 Results

Census Tract: 6037482800 (Population: 4524)

The results for each indicator range from 0-100 and represent the percentile ranking of census tract 6037482800 relative to other census tracts.

Overall Percentiles		**Environmental Effects**	
CalEnviroScreen:	63	Cleanup Sites:	69
Pollution Burden:	89	Groundwater Threats:	0
Population Characteristics:	41	Hazardous Waste:	60
		Solid Waste:	0

NAICS Codes

52221	Credit Card Issuing

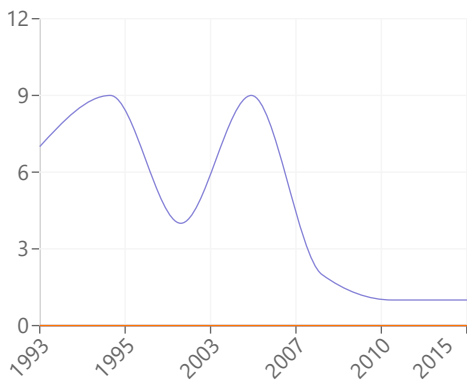
Annual ID Number Verification History

Year	Status	Method	VQ Number (eVQ)	Completion Date	Signed By
2012	COMPLETE	PAPER		10/17/2012	
2011	COMPLETE	PAPER		9/21/2011	
2010	COMPLETE	PAPER		11/2/2010	
2009	COMPLETE	PAPER		1/25/2010	
2006	COMPLETE	PAPER		3/28/2007	
2005	COMPLETE	PAPER		3/27/2006	
2004	COMPLETE	PAPER		3/7/2005	
2003	COMPLETE	PAPER		10/23/2003	
2002	COMPLETE	PAPER		11/27/2002	
2001	COMPLETE	PAPER		3/14/2002	

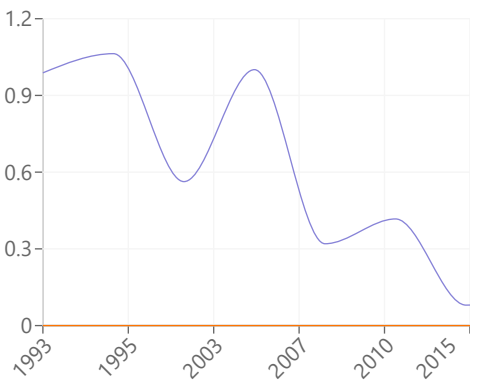
Page Size: 10 1 to 10 of 15 Page 1 of 2

Manifests

Manifest Per Year by Handler Type



Tonnage Handled Per Year by Handler Type



Manifest Counts and Total Tonnage

Export CSV

	Generator		Transporter		TSDF	
Year	Count	Tons	Count	Tons	Count	Tons
2015	2	0.946	0	0	0	0
2012	2	0.25936	0	0	0	0
2010	1	0.75063	0	0	0	0
2008	1	0.209	0	0	0	0
2007	1	0.08	0	0	0	0
2006	1	0.41701	0	0	0	0
2003	2	0.32	0	0	0	0
1996	9	1.0008	0	0	0	0
1995	4	0.56296	0	0	0	0
1994	9	1.06335	0	0	0	0
1993	7	0.98831	0	0	0	0

Waste Code Matrix

Entity Type

Generator

Waste Code Type

Non-RCRA

Search Reset

Export CSV

Waste Code	Descri...	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011
123	UNSPECIFI...	0	0	0	0	0	0	0	0	0	0	0	0	0
181	OTHER IN...	0	0	0	0	0	0	0	0	0	0	0	0	0
213	HYDROCA...	0	0	0	0	0	0	0	0	0	0	0	0.22936	0
214	UNSPECIFI...	0	0	0	0	0	0	0	0	0.198	0	0	0	0
221	WASTE OI...	0	0	0	0	0	0	0	0	0	0	0	0	0
222	OIL/WATE...	0	0	0	0	0	0	0	0	0	0	0	0.03	0
241	TANK BOT...	0	0	0	0	0	0	0	0	0	0	0	0	0
331	OFF-SPEC,...	0	0	0	0	0	0	0	0	0	0	0	0	0
343	UNSPECIFI...	0	0	0	0	0	0	0	0	0.748	0	0	0	0
541	PHOTOCH...	0	0	0	0	0	0	0	0	0	0	0	0	0
792	LIQUIDS ...	0	0	0	0	0	0	0	0	0	0	0	0	0

Page Size: 50 1 to 11 of 11 Page 1 of 1

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State of California Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD982463895 Manifest Document No. 61123
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
BANK OF THE WEST
1917 SATURN ST, MONTEREY PARK, CA 91755
4. Generator's Phone (323) 727-6671

A. State Manifest Document Number 22661123
5. State Generator's ID

5. Transporter 1 Company Name: CLEAN HARBORS ENV. SERVICES INC.
6. US EPA ID Number: MAD093932250
C. State Transporter's ID [Reserved.]
D. Transporter's Phone (323) 277-2500

7. Transporter 2 Company Name: SMITH SYSTEMS
8. US EPA ID Number: NED986382133
E. State Transporter's ID [Reserved.] 109374
F. Transporter's Phone 800-884-2597

9. Designated Facility Name and Site Address
CLEAN HARBORS PHOENIX, LLC
1340 W. LINCOLN ST.
PHOENIX, AZ 85007-
10. US EPA ID Number: AZD049318009
G. State Facility's ID
H. Facility's Phone (602) 258-6155

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. Waste batteries, wet, filled with acid, 8, UN2794, III	001	DF	09100	P	State 792 EPA/Other D002
b. Waste trichloroisocyanuric acid, dry, 5.1, UN2468, II	001	DF	00115	P	State 181 EPA/Other D002
c. Waste flammable liquid, nos, 3, UN1993, II (acetone, alcohol)	001	DF	00950	P	State 331 EPA/Other D001
d. Waste corrosive liquid, basic, organic, nos, 8, UN3267, II (sodium hydroxide, acetic acid) pH - 13	001	DF	00250	P	State 123 EPA/Other D002

J. Additional Descriptions for Materials Listed Above
Additional EPA Waste Codes
a. D008 1x30poly #1
b. 1x16 poly #2
c. 1x16 poly #3
d. 1x55 fiber #4
Approvals: a. LBLA b. LLCR-D c. LLCR-B d. LLCR-B

K. Handling Codes for Wastes Listed Above
a. 01 b. 07 c. 07 d. 07

15. Special Handling Instructions and Additional Information

Emergency Contact: CLEAN HARBORS @ 1-800-645-8265

WD#: CN568377

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: X José Lobo — Signature: X — Month 03 Day 28 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DAVID ZACOVIC — Signature — Month 03 Day 28 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Joe Gomez — Signature — Month 04 Day 03 Year 03

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Suzanne Glass — Signature — Month 04 Day 04 Year 03

DO NOT WRITE BELOW THIS LINE.

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

22661123

DTSC 8022A (1/99)
EPA 8700—22

White To TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS. P.O. Box 3000, Sacramento, CA 95812

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: CAD982463995 | Manifest Document No: 6 1 1 2 4 | 2. Page 1 of 1 | Information in the shaded areas is not required by federal law

A. State Manifest Document Number: 22661124

3. Generator's Name and Mailing Address
BANK OF THE WEST
1977 SATURN ST, MONTEREY PARK, CA 91755

4. Generator's Phone (323) 727-6671

B. State Generator's ID

5. Transporter 1 Company Name: CLEAN HARBORS ENV. SERVICES INC.
6. US EPA ID Number: MAD039322250
C. State Transporter's ID (Reserved)
D. Transporter's Phone: (323) 277-2500

7. Transporter 2 Company Name: MP
8. US EPA ID Number: CAT000624247
E. State Transporter's ID (Reserved)
F. Transporter's Phone: 800-458-3036

9. Designated Facility Name and Site Address
CLEAN HARBORS SAN JOSE, LLC
1021 BERRYESSA RD.
SAN JOSE, CA 95133-
10. US EPA ID Number: CAD059494310
G. State Facility's ID: CAD059494310
H. Facility's Phone: (408) 451-5000

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
~~WASTE CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (PHOTOCHEMICALS), 8, UN3265, III~~ (02)					State ~~CA 331~~ EPA/Other ~~D002~~
a. Hazardous waste liquid, nos, 9, NA3082, III (silver, ammonium thiosulfate)	001	DM	99/115	P	State 541 EPA/Other D011
b. Non-RCRA hazardous waste, liquid (oil)	001	DM	99/110	P	State 221 EPA/Other None
c.					State EPA/Other
d.					State EPA/Other

APR 0 3 2003
CR
FS
OFFC

J. Additional Descriptions for Materials Listed Above
Additional EPA Waste Codes: a. ~~D000~~ (02) b. 1X30 metal c. 1X55 metal d.

Approvals: a. CH34453 b. CH34453 c. CH34556 d.

K. Handling Codes for Wastes Listed Above: a. b. 99/03 c. 14/01 d.

15. Special Handling Instructions and Additional Information

Emergency Contact: CLEAN HARBORS @ 1-800-645-8265

VOI: CWS68177

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: X [illegible] Signature: X [signature] Month 03 Day 28 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DAVID ZACOVIC Signature [signature] Month 03 Day 28 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Rickey Moore Signature [signature] Month 04 Day 02 Year 03

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Janeene Sevilla Signature [signature] Month 04 Day 03 Year 03

DO NOT WRITE BELOW THIS LINE.

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

22661124

DTSC 8022A (1/99)
EPA 8700—22

White — TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS
To — P.O. Box 3000, Sacramento, CA 95812

DTSC 00065.1067 4

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	CAD982463895	1	(714) 990-6855	000082292 FLE

GENERATOR

5. Generator's Name and Mailing Address
Bank of the West
1977 Saturn Street
Monterey Park, CA 91755
Generator's Phone: (323) 727-3017

Generator's Site Address (if different than mailing address)
Bank of the West
1977 Saturn Street
Monterey Park, CA 91755

6. Transporter 1 Company Name: **Nieto and Sons Trucking, Inc.** U.S. EPA ID Number: CAT080016116

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address
DeMenno Kerdoon
2000 N. Alameda Street
Compton, CA 90222
Facility's Phone: (310) 537-7100
U.S. EPA ID Number: CAT080013352

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NON RCRA HAZARDOUS WASTE LIQUID (Oily Water Mixture)	001	TT	100	G	241
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Wear All Appropriate Protective Clothing

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] Signature: [illegible] Month 10 Day 31 Year 06

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: MARIO SANDOVAL Signature: [illegible] Month 10 Day 31 Year 06
Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Reconciled with Steve of Nieto & Sons on 11/9/06.
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H135 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [illegible] Signature: [illegible] Month 11 Day 08 Year 06

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

July 31, 2007

To: Department of Toxic Substances Control
Generator Information Services Section, HQ-9
Attn: Judith Babb
P.O. Box 806
Sacramento, Ca. 95812-0806

Re: Manifest Corrections

Dear Ms. Babb.

As you have discussed with Bob Hoffman, DeMenno/Kerdoon made an identical mistake on Item #19 on the attached list of affected manifests. Management Method Code H135 specified on each of these manifests needs to be corrected to H039. Additionally, for ease of reference, an Excel file displaying each of the subject manifests, and other available relevant data, has been included on the enclosed compact disk.

As previously explained, D/K does not have the ship date for the entire list of manifests that are the subject of this manifest correction letter. The attachment and enclosed Excel file does include the shipping dates you kindly provided to us for those manifests currently entered into the Department's manifest database. We understand and appreciate that you have agreed to run a monthly report for us to identify the additional manifests that are added to your system each month, including the ship dates for those manifests. We will then, in turn, provide you with an updated spreadsheet that will include the additional ship date for your purposes in correcting the Management Method Code for those manifests. We will continue to provide these monthly updates until the entire list of affected manifests has been amended in your system.

If you have any further questions, please feel free to contact me at (310) 537-7100 or bbooth@demennokerdoon.com. Thank you for your cooperation and assistance in this matter.

Respectfully,

N. Bonnie Booth
Manager, Environmental Affairs
DeMenno/Kerdoon

cc: Bob Hoffman
Paul Hastings

000753194FLE	11B	03-Nov-06	CAL000225773	30 G	02-Nov-06
000082295FLE	11A	03-Nov-06	CAL000312491	145 G	01-Nov-06
000082313FLE	11A	03-Nov-06	CAC002608391	220 G	01-Nov-06
000096478FLE	11A	03-Nov-06	CAR000103549	20 G	01-Nov-06
000753196FLE	11A	03-Nov-06	CAD981406804	5 G	01-Nov-06
000096190FLE	11A	03-Nov-06	CAD981464969	20 G	01-Nov-06
000096486FLE	11A	03-Nov-06	CAR000102780	1 G	01-Nov-06
000753012FLE	11A	03-Nov-06	CAR000104067	1 G	01-Nov-06
000096402FLE	11A	03-Nov-06	CAR000105296	10 G	01-Nov-06
000753234FLE	11A	03-Nov-06	CAL000313078	55 G	01-Nov-06
000082292FLE	11A	03-Nov-06	CAD982463895	88 G	31-Oct-06
000753118FLE	11B	03-Nov-06	CAL000225652	55 G	31-Oct-06
000092204FLE	11A	03-Nov-06	CAR000117879	20 G	31-Oct-06
000096375FLE	11A	03-Nov-06	CAT000612333	75 G	31-Oct-06
000082294FLE	11A	03-Nov-06	CAL000225756	106 G	31-Oct-06
000092317FLE	11A	03-Nov-06	CAR000143867	50 G	31-Oct-06
000092345FLE	11A	03-Nov-06	CAL000274843	15 G	31-Oct-06
000753176FLE	11A	03-Nov-06	CAR000101527	40 G	31-Oct-06
000096362FLE	11A	03-Nov-06	CAL000196088	5 G	30-Oct-06
001832533JJK	11B	03-Nov-06	CAL000279615	37 G	30-Oct-06
001832534JJK	11B	03-Nov-06	CAL000279615	50 G	30-Oct-06
000096403FLE	11A	03-Nov-06	CAR000101089	25 G	30-Oct-06
000082309FLE	11A	03-Nov-06	CAC002609963	132 G	30-Oct-06
000096379FLE	11A	03-Nov-06	CAR000105353	5 G	30-Oct-06
000082259FLE	11A	03-Nov-06	CAL000091414	264 G	30-Oct-06
000753049FLE	11A	03-Nov-06	CAR000104109	300 G	27-Oct-06
000753119FLE	11A	03-Nov-06	CAR000102079	400 G	27-Oct-06
000753120FLE	11A	03-Nov-06	CAR000140178	220 G	27-Oct-06
000753123FLE	11A	03-Nov-06	CAL000279615	165 G	27-Oct-06
000082308FLE	11A	03-Nov-06	CAC002606632	1300 G	27-Oct-06
000753130FLE	11A	03-Nov-06	CAD981465156	10 G	27-Oct-06
000753136FLE	11A	03-Nov-06	CAR000101576	10 G	26-Oct-06
000753275FLE	11A	03-Nov-06	CAL000274189	200 P	26-Oct-06
001832531JJK	11B	03-Nov-06	CAL000279615	8 G	26-Oct-06
000096437FLE	11A	03-Nov-06	CAL000244299	500 G	25-Oct-06
000096346FLE	11A	03-Nov-06	CAL000244272	30 G	24-Oct-06
000096321FLE	11A	03-Nov-06	CAL000226031	70 G	23-Oct-06
001450692JJK	11A	03-Nov-06	CAD983616392	4500 G	
001598107JJK	11A	03-Nov-06	CAD981390883	1000 G	
001454461JJK	11A	03-Nov-06	CAD981696420	4500 G	
001598352JJK	11A	03-Nov-06	CAL000260215	400 G	
000500162JJK	11A	04-Nov-06	CA9909228198	4800 G	04-Nov-06
001450556JJK	11A	04-Nov-06	CAD010715837	300 G	04-Nov-06
000500163JJK	11A	04-Nov-06	CA9909228198	4800 G	04-Nov-06
000480541JJK	11A	04-Nov-06	CA7572890518	20440 G	03-Nov-06
000302427JJK	11A	04-Nov-06	CAL000274045	2257 G	03-Nov-06
001554769JJK	11A	04-Nov-06	CAD097030993	32820 P	03-Nov-06
000571411JJK	11A	04-Nov-06	CAL000300757	1500 G	03-Nov-06
000480543JJK	11A	04-Nov-06	CA7572890518	35940 P	03-Nov-06
001598843JJK	11A	04-Nov-06	CAD028984268	240 G	02-Nov-06
001598903JJK	11A	04-Nov-06	CAL000106635	55 G	02-Nov-06
001598911JJK	11A	04-Nov-06	CAL000116973	55 G	02-Nov-06
000480542JJK	11A	04-Nov-06	CAD983666439	20240 G	02-Nov-06
000514284JJK	11A	04-Nov-06	CAL000280971	675 G	31-Oct-06
001598666JJK	11A	04-Nov-06	CAL000093067	1200 G	30-Oct-06

7-088-06

00194.1093

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAD982463895	1	1-800-468-1760	000202460 SKS

GENERATOR

5. Generator's Name and Mailing Address
BANK OF THE WEST
1977 STORN STREET
MONTEREY PARK CA 91755

Generator's Site Address (if different than mailing address)

Generator's Phone: 323-727-6671

6. Transporter 1 Company Name: SAFETY-KLEEN SYSTEMS, INC — U.S. EPA ID Number: TXR000050930

7. Transporter 2 Company Name: TRIAD TRANSPORT INC. — U.S. EPA ID Number: OKD981588791

8. Designated Facility Name and Site Address: SAFETY-KLEEN SYSTEMS, INC. 000618
1722 COOPER CREEK ROAD
DENTON, TX 76208

Facility's Phone: 940-483-5200 — U.S. EPA ID Number: TXD077603371

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No	10. Containers Type	11. Total Quantity	12. Unit Wt/Vo	13. Waste Codes		
	1. NON RCRA HAZARDOUS WASTE LIQUIDS (MOTOR AND LUBRICATING OIL)	1	DM	160	P	NONE	221	OUTS 2051
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information: SK TRCK#108326285 0002816046

SK AUTH'D TO USE SUBSEQUENT CARRIERS: 40343, 41038, 81641, 82739, 86256

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: A Donald Bizzo — Signature: A Donald Bizzo — Month: 3 Day: 28 Year: 07

TRANSPORTER INT'L

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: ____
Transporter signature (for exports only): Date leaving U.S.: ____

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Victor Velasco — Signature: Victor Velasco — Month: 3 Day: 28 Year: 07

Transporter 2 Printed/Typed Name: Albert Mendoza — Signature: [signature] — Month: 03 Day: 30 Year: 07

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month: ___ Day: ___ Year: ___

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H061			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name: [illegible] — Signature: [signature] — Month: 04 Day: 03 Year: 07

FPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR STATE (IF REQUIRED)

1)10187641 2) 3) 4) 10166.0471
1)200123443/40187936

DTSC 8016 4292

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAD982463895	1	323-707-3636	000756790GBF

GENERATOR

5. Generator's Name and Mailing Address
Bank of New West
1977 Hamilton St
Monterey Park, CA 91754
Generator's Phone: 323-707-3636

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: MARK ALLEN'S WASTE OIL SERVICE — U.S. EPA ID Number: CAD980814446

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
DeMenno Kerdoon
2000 E. Alondra Blvd
Compton, CA 90222
Facility's Phone: 310-537-7100 — U.S. EPA ID Number: CAT080013352

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. Diesel Fuel / Water, Non RCRA Hazardous Liquid, Pumpable	1	TT	55	G	221		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Gloves

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: ROBERT CRESPIN — Signature — Month: 09 — Day: 17 — Year: 08

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: MARK ALLEN — Signature — Month: 09 — Day: 17 — Year: 08

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H079	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Jonathan Martinez — Signature — Month: 09 — Day: 18 — Year: 08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete

10421.1876 **DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)**

DTSC. 01217. 0575

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAD982463895 | 2. Page 1 of: 1 | 3. Emergency Response Phone: (714) 913-4105 | 4. Manifest Tracking Number: 004015924 JJK

GENERATOR

5. Generator's Name and Mailing Address: BANK OF THE WEST
1977 SATVAN ST
MONTEREY PARK, CA 91755
Generator's Phone: (323) 727-3636

Generator's Site Address (if different than mailing address):
BANK OF THE WEST
1977 SATVAN ST
MONTEREY PARK, CA 91755

6. Transporter 1 Company Name: Able Environmental Services | U.S. EPA ID Number: CAR000199349

7. Transporter 2 Company Name | U.S. EPA ID Number

8. Designated Facility Name and Site Address: CROSBY & OVERTON INC.
1630 W. 17th ST
LONG BEACH, CA 90813
Facility's Phone: (562) 432-5445 | U.S. EPA ID Number: CAD028409019

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON RCRA HAZARDOUS WASTE LIQUID.	001	TT	180	G	241
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: PROFILE #10224
WEAR PERSONAL PROTECTIVE EQUIPMENT.
23391
D25371

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X | Signature | Month: 01 | Day: 28 | Year: 10

INT'L

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Mike Sanchez | Signature | Month: 1 | Day: 28 | Year: 10

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H135			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Laura Christensen | Signature | Month: 01 | Day: 29 | Year: 10

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

7116

DTSC 02014.1233

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number: CAD982463895	2. Page 1 of: 1	3. Emergency Response Phone: 1-800-468-1760	4. Manifest Tracking Number: 003157640 SKS

5. Generator's Name and Mailing Address
BANK OF THE WEST
1977 Saturn St
Monterey Park CA 91755-7418
Generator's Phone: 323-727-6671

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: SAFETY-KLEEN SYSTEMS, INC.
U.S. EPA ID Number: TXR000050930

7. Transporter 2 Company Name: Triad Transport Inc
U.S. EPA ID Number: OKD981588791

8. Designated Facility Name and Site Address
US ECOLOGY NEVADA
11 MILES S OF BEATTY HWY 95
BEATTY NV 89003
U.S. EPA ID Number: 121994
Facility's Phone: 800-239-3943
NVT330010000

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. NON RCRA HAZARDOUS WASTE LIQUIDS (OILY PIT SLUDGE AND WATER)	002	DM	60	P	222		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
SK SHIP#8205881-008 2816046 CSG:
14-0401-8031
24 HR EMERGENCY #1-800-468-1760 (SAFETY-KLEEN - CONTRACT #94138)
SK AUTHORIZED TO OBTAIN LICENSED SUBSEQUENT CARRIERS AS NECESSARY

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Lori Rebla		3	20	12

INTL

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Mike Gillis		3	20	12
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year
Will Perkins		3	20	12

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator): U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator): Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H039			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year
KYLE CATHCART		3	29	12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR STATE (IF REQUIRED)

1140000827122286

11214.2160

7116

DTSC.02024.0242

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	CAD982463895	1	1-800-468-1760	003157641 SKS

5. Generator's Name and Mailing Address
BANK OF THE WEST
1977 Saturn St
Monterey Park CA 91755-7418
Generator's Phone: 323-727-6571

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: SAFETY-KLEEN SYSTEMS, INC. — U.S. EPA ID Number: TXR000050930

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
SAFETY-KLEEN SYSTEMS, INC.
10625 HICKSON ST UNIT A
EL MONTE, CA 91731
Facility's Phone: 626-401-2616 — U.S. EPA ID Number: 7224 CAT000613893

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ UN1268 WASTE PETROLEUM DISTILLATES, N.O.S. (DIESEL FUEL, GASOLINE) 3 PGIII (D001)	001	DM DF	55	G	D001 213	D008	D018
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
SK SHIP#20623017-30 2816046 CSG:

1)ERG#128;
24 HR EMERGENCY #1-800-468-1760 (SAFETY-KLEEN - CONTRACT #94138)
SK AUTHORIZED TO TRANSPORT LICENSED PURSUANT CHAPTER 63 DESCRIBED

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Sol Rubio — Signature — Month 12 Day 20 Year 12

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: MIKE GILLIS — Signature — Month 12 Day 20 Year 12

Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Smith — Signature — Month 12 Day 22 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete

DESIGNATED FACILITY TO GENERATOR STATE (IF REQUIRED)

1)400037/12057

DTSC.03339.2172

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAD982463895	1	323-737-3636	00949122 3 JJK

5. Generator's Name and Mailing Address
BANK OF THE WEST
1977 SATURN STREET
MONTEREY PARK, CA 91755
Generator's Phone: 323-737-3636

Generator's Site Address (if different than mailing address)
SAME

6. Transporter 1 Company Name: MAJOR CLEANUP INC — U.S. EPA ID Number: CAR000164616

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
FILTER RECYCLING
180 W MONTE AVENUE
BLOOMINGTON, CA 92316
Facility's Phone: 909-421-2012 — U.S. EPA ID Number: CAD982444481

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. WATER & DIESEL FUEL NON RCRA HAZARDOUS WASTE LIQUID	004	D M	220 GAL	G	343
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
4x55
150615 36
EMERGENCY PHONE NUMBER 1-800-669-2783
WEAR APPROPRIATE CLOTHING & SAFETY EQUIPMENT
#181441

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Ed Merritt — Signature: Ed Merritt — Month 6 Day 30 Year 15

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Randy Blaylock — Signature: Randy Blaylock — Month 6 Day 30 Year 15
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☒ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
9b1) 1x55 drum contains oil, waste code 221, profile# 1507021 2
9b1) 3x55 proper Shipping Name NA1993, Combustible liquid, NOS (diesel fuel), Combustible, PG III, profile# 1507021 1
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Steven Masters — Signature — Month 7 Day 1 Year 15

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Manifest 2149153

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAD982463895	1	323-737-3636	009491233 JJK

GENERATOR

5. Generator's Name and Mailing Address
BANK OF THE WEST
1977 SATURN STREET
MONTEREY PARK, CA 91755
Generator's Phone: 323-737-3636

Generator's Site Address (if different than mailing address)
SAME

6. Transporter 1 Company Name: MAJOR CLEANUP INC — U.S. EPA ID Number: CAR000164616

7. Transporter 2 Company Name: PSC ENVIRONMENTAL SERVICE OF POMONA LP — U.S. EPA ID Number: CAD983649880

8. Designated Facility Name and Site Address
PSC/RHOCHEM
425 ISIS AVENUE
INGLEWOOD, CA 90301
Facility's Phone: 323-776-6233
U.S. EPA ID Number: CAD008364432

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. UN1263, WASTE PAINT 3 PGII RQ(D001=100LBS) ERG(128)	1	DM	55	G	D001	214	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
709904-00
EMERGENCY PHONE NUMBER 1-800-669-2783
WEAR APPROPRIATE CLOTHING & SAFETY EQUIPMENT

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgement of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator/Offeror's Printed/Typed Name: Ed Merritt — Signature: Ed Merritt — Month 07 Day 31 Year 15

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgement of Receipt of Materials

Transporter 1 Printed/Typed Name: CRISTOBAL ALEMAN — Signature: Cristobal Aleman — Month 7 Day 31 Year 15

Transporter 2 Printed/Typed Name: Jose Gomez — Signature: Jose Gomez — Month ~~07~~ 8 Day ~~31~~ 1 Year ~~15~~ 15

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H061			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: LEONARD DEPRA — Signature: — Month 8 Day 10 Year 11

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

12078.1019

006994 - 007311

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California
Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: Bank of the West Bldg. No.:

Site Address: 1977 Saturn City: Mission Viejo Zip: 92735

Facility Contact Person: Joe Rebelo Contact Phone No.: (949) 727-3636

Make/Model of Monitoring System: VR 775 350 Date of Testing/Servicing: 10/16/09

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: West Diesel 10K	Tank ID: East Diesel 10K
☑ In-Tank Gauging Probe. Model: MAG1	☐ In-Tank Gauging Probe. Model:
☐ Annular Space or Vault Sensor. Model:	☐ Annular Space or Vault Sensor. Model:
☑ Piping Sump / Trench Sensor(s). Model: 794380-357	☑ Piping Sump / Trench Sensor(s). Model: 794380-357
☑ Fill Sump Sensor(s). Model: 794380-208	☑ Fill Sump Sensor(s). Model: 794380-208
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
☐ Tank Overfill / High-Level Sensor. Model:	☐ Tank Overfill / High-Level Sensor. Model:
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID: 2K Diesel	Tank ID:
☐ In-Tank Gauging Probe. Model:	☐ In-Tank Gauging Probe. Model:
☑ Annular Space or Vault Sensor. Model: 794380-344	☐ Annular Space or Vault Sensor. Model:
☑ Piping Sump / Trench Sensor(s). Model: 794380-208	☐ Piping Sump / Trench Sensor(s). Model:
☑ Fill Sump Sensor(s). Model: 794380-208	☐ Fill Sump Sensor(s). Model:
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
☐ Tank Overfill / High-Level Sensor. Model:	☐ Tank Overfill / High Level Sensor Model:
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: NONE	Dispenser ID:
☐ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☐ Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	Dispenser ID:
☐ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☐ Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	Dispenser ID:
☐ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☐ Shear Valve(s)	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification

I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report (check all that apply): ☑ System set-up ☐ Alarm history report

Technician Name (print): Rick Huston Signature:

Certification No.: A2050 License No.: 517336

Testing Company Name: Orange Co. Tank Testing, Inc. Phone No.: (714) 776-0300

Site Address: 225 N. Loara St., Anaheim Date of Testing/Servicing: 10/16/09

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OCT 26 2009

DEPARTMENT OF PUBLIC HEALTH
ENVIRONMENTAL PROGRAMS

C0629426

D. Results of Testing/Servicing

Software Version Installed: 9.0

Complete the following checklist:

☑ Yes	☐ No*	Is the audible alarm operational?
☑ Yes	☐ No*	Is the visual alarm operational?
☑ Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
☑ Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No* ☑ N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
☐ Yes	☐ No* ☑ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* ☐ Sump/Trench Sensors; ☐ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☐ Yes; ☐ No.
☐ Yes	☐ No* ☑ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? _____ %
☐ Yes*	☑ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
☐ Yes*	☑ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product; ☐ Water. If yes, describe causes in Section E, below.
☑ Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
☑ Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments: OVERFILL BUCKETS TESTED WITH SB989 TEST ON THIS DATE.

F. In-Tank Gauging / SIR Equipment:

☐ Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☑ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☑ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☑ Yes	☐ No*	Was accuracy of system product level readings tested?
☑ Yes	☐ No*	Was accuracy of system water level readings tested?
☑ Yes	☐ No*	Were all probes reinstalled properly?
☑ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

G. Line Leak Detectors (LLD): ☑ Check this box if LLDs are not installed.

Complete the following checklist:

☐ Yes	☐ No* ☐ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: ☐ 3 g.p.h.; ☐ 0.1 g.p.h.; ☐ 0.2 g.p.h.
☐ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☐ Yes	☐ No*	Was the testing apparatus properly calibrated?
☐ Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

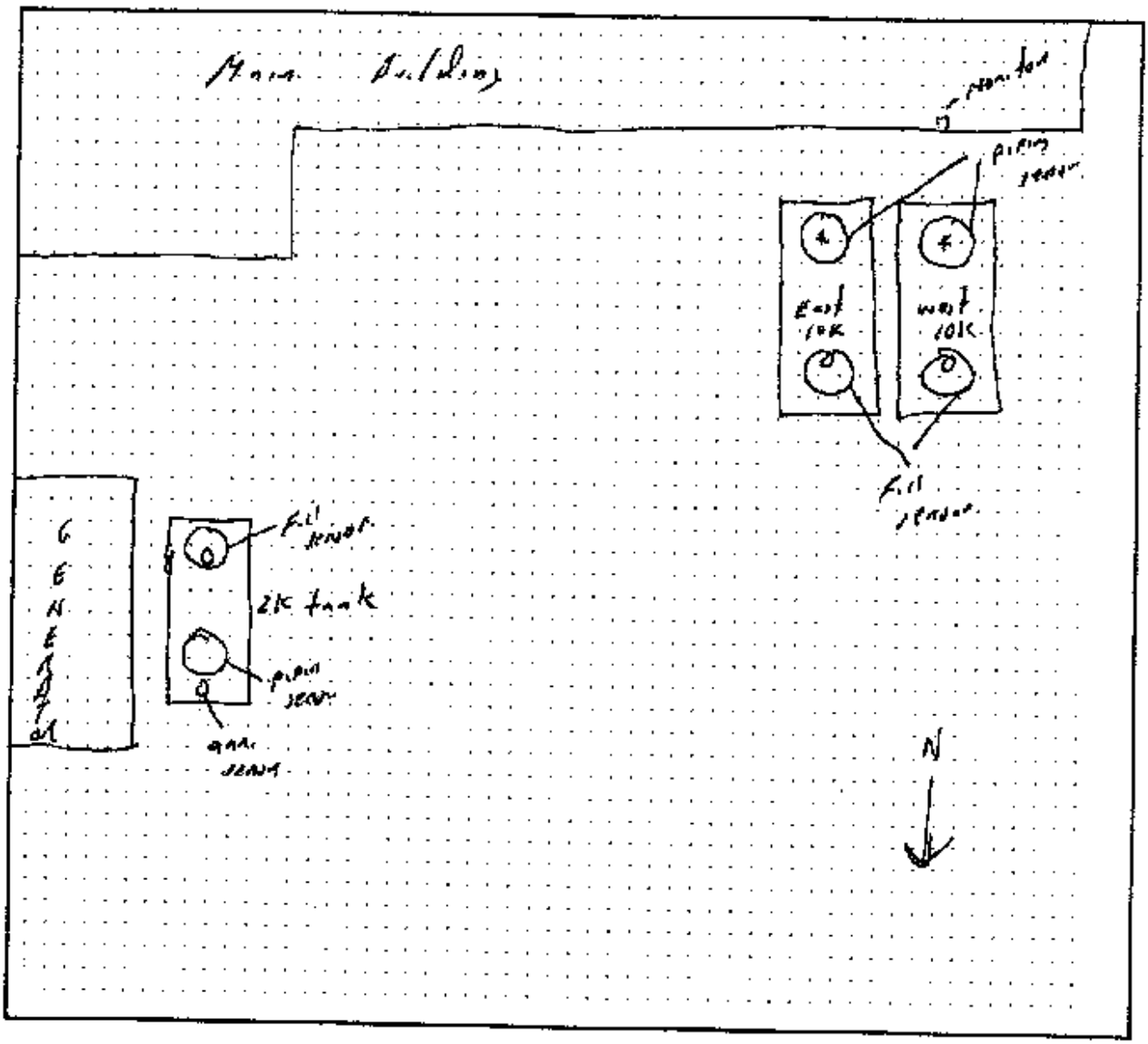
* In the Section H, below, describe how and when these deficiencies were or will be corrected.

H. Comments:

Monitoring System Certification

UST Monitoring Site Plan

Site Address: 1977 Safeway



Date map was drawn: 12/4/07

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels, sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

006994 – 007311

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SCTR

PETCON TECHNOLOGIES, INC.

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OCT 26 2009
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIV.

October 21, 2009

Los Angeles County Department of Public Works
Environmental Programs Division
900 South Fremont Avenue
Alhambra, CA 91803

Attn: Sb989 Inspector

Re: SB989 Secondary Containment Testing at:
Bank Of The West
1977 Saturn Street
Monterey Park, CA 91755

Mr. Inspector

Please see the attached secondary containment testing results for the above referenced location. Los Angeles County Department of Public Works, Environmental Programs Division was notified for testing on 10/16/2009.

If you have any questions regarding the attached, or need additional information, please don't hesitate to contact me at (310) 679-9991.

Cordially,

Jorge Chavez
Petcon Technologies, Inc.

C629427

14118 S. Inglewood Avenue Hawthorne, California 90250 Phone (310) 679-9991 Fax (310) 679-9994

Secondary Containment Testing Report Form

This form is intended for use by contractors performing periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, written test procedures, and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	BANK OF THE WEST	Date of Testing:	10/16/2009
Facility Address:	1977 SATURN STREET, MONTEREY PARK CA 91755		
Facility Contact:	JOE	Phone:	323-727-3985
Date Local Agency Was Notified of Testing:	10/13/2009		
Name of Local Agency Inspector *(if present during testing)*:			

2. TESTING CONTRACTOR INFORMATION

Company Name:	PETCON TECHNOLOGIES, INC.		
Technician Conducting Test:	FERNANDO MARTINEZ		
Credentials:	☑ CSLB Licensed Contractor	☐ SWRCB Licensed Tank Tester	
License Type:	A, C-10, HAZMAT	License Number:	675998

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
2K TANK ANNULAR	■				FILL 1 - WEST DIESEL	■			
LINE 1- SUPPLY FROM EAST TANK	■				FILL 2 - EAST DIESEL	■			
LINE 2- SUPPLY FROM WEST TANK	■				FILL 3 - 2K	■			
LINE 3 - 2K RETURN LINE	■				BUCKET 1 - EAST TANK	■			
LINE 4 - WEST TANK VENT	■				BUCKET 2 -WEST TANK	■			
LINE 5 - EAST TANK VENT	■				BUCKET 3 - 2K	■			
LINE 6 - 2K VENT	■								
LINE 7 - DAY TANK SUPPLY	■								
LINE 8 - DAY TANK RETURN	■								
TURBINE 1 - WEST DIESEL	■								
TURBINE 2 - EAST DIESEL	■								
TURBINE 3 - 2K	■								

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements.

Technician's Signature: _____ Date: 10-16-09

4. TANK ANNULAR TESTING

Test Method Developed By:	☑ Tank Manufacturer	☐ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☑ Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: *McDaniel 4" Dial Gauge, Glycerin-Filled, 0-30"Hg*		Equipment Resolution: *+/-.50%*	

	Tank # 2K	Tank #	Tank #	Tank #
Is Tank Exempt From Testing?[1]	☐ Yes ■ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Tank Capacity:	2000 GALLONS			
Tank Material:	STEEL			
Tank Manufacturer:	MODERN WELD.			
Product Stored:				
Wait time between applying pressure/vacuum/water and starting test:	15 MINUTES			
Test Start Time	1:05PM			
Initial Reading (R_I):	10Hg			
Test End Time:	3:05PM			
Final Reading (R_F):	10Hg			
Test Duration:	*2 HOURS*			
Change in Reading ($R_F - R_I$):	0			
Pass/Fail Threshold or Criteria:	*10Hg*			
Test Result:	■ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**
Was sensor removed for testing?	■ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Was sensor properly replaced and verified functional after testing?	■ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] Secondary containment systems where the continuous monitoring automatically monitors both the primary and secondary containment, such as systems that are hydrostatically monitored or under constant vacuum, are exempt from periodic containment testing. [California Code of Regulations, Title 23, Section 2637(a)(6)]

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer	☑ Industry Standard	☐ Professional Engineer	
	☐ Other *(Specify)*			
Test Method Used:	☑ Pressure	☐ Vacuum	Hydrostatic	
	☐ Other *(Specify)*			
Test Equipment Used: *McDaniel 4" Dial Gauge, Glycerin-Filled, 0-15psi*		Equipment Resolution: *+/-.50%*		

	Piping Run # 1	Piping Run # 2	Piping Run # 4	Piping Run # 5
Piping Material:	FIBERGLASS	FIBERGLASS	FIBERGLASS	FIBERGLASS
Piping Manufacturer:	A.O. SMITH	A.O. SMITH	A.O. SMITH	A.O. SMITH
Piping Diameter:	3"	3"	3"	3"
Length of Piping Run:	90'	200'	80'	90'
Product Stored:				
Method and location of piping-run isolation:	3" TEST BOOT	3" TEST BOOT	3" TEST BOOT	3" TEST BOOT
Wait time between applying pressure/vacuum/water and starting test.	5 MINUTES	5 MINUTES	5 MINUTES	5 MINUTES
Test Start Time:	8:35AM	8:40AM	9:05AM	9:10AM
Initial Reading (R_I):	5.0 PSI	5.0 PSI	5.0 PSI	5.0 PSI
Test End Time:	10:35AM	10:40AM	11:05AM	11:10AM
Final Reading (R_F):	5.0 PSI	5.0 PSI	5.0 PSI	5.0 PSI
Test Duration:	*2 HOURS*	*2 HOURS*	*2 HOURS*	*2 HOURS*
Change in Reading (R_F-R_I):	0	0	0	0
Pass/Fail Threshold or Criteria	*5.0 psi*	*5.0 psi*	*5.0 psi*	*5.0 psi*
Test Result:	■ Pass ☐ Fail	■ Pass ☐ Fail	■ Pass ☐ Fail	■ Pass ☐ Fail

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer	☑ Industry Standard	☐ Professional Engineer	
	☐ Other *(Specify)*			
Test Method Used:	☑ Pressure	Vacuum	☐ Hydrostatic	
	☐ Other *(Specify)*			
Test Equipment Used: *McDaniel 4" Dial Gauge, Glycerin-Filled, 0-15psi*		Equipment Resolution: *+/-. 50%*		

	Piping Run # 3	Piping Run # 6	Piping Run # 7	Piping Run # 8
Piping Material:	FIBERGLASS	FIBERGLASS	FIBERGLASS	FIBERGLASS
Piping Manufacturer:	A.O. SMITH	A.O. SMITH	A.O. SMITH	A.O. SMITH
Piping Diameter:	3"	3"	3"	3"
Length of Piping Run:	200'	50'	50'	50'
Product Stored:				
Method and location of piping-run isolation:	3" TEST BOOT	3" TEST BOOT	3" TEST BOOT	3" TEST BOOT
Wait time between applying pressure/vacuum/water and starting test:	5 MINUTES	5 MINUTES	5 MINUTES	5 MINUTES
Test Start Time:	9:06AM	1:10PM	1:15PM	1:18PM
Initial Reading (R_I):	5.0 PSI	5.0 PSI	5.0 PSI	5.0 PSI
Test End Time:	11:06AM	3:10PM	3:15PM	3:18PM
Final Reading (R_F):	5.0 PSI	5.0 PSI	5.0 PSI	5.0 PSI
Test Duration:	*2 HOURS*	*2 HOURS*	*2 HOURS*	*2 HOURS*
Change in Reading (R_F-R_I):	0	0	0	0
Pass/Fail Threshold or Criteria:	*5.0 psi*	*5.0 psi*	*5.0 psi*	*5.0 psi*
Test Result:	■ Pass ☐ Fail	■ Pass ☐ Fail	■ Pass ☐ Fail	■ Pass ☐ Fail

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

6. PIPING SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer ☐ Other *(Specify)*	☑ Industry Standard	☐ Professional Engineer
Test Method Used:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	☑ Hydrostatic
Test Equipment Used: ***Incon TS-STS Sump Test System***		Equipment Resolution: ***+/- 0.0001***	

	Sump # WEST		Sump # EAST		Sump # 2K		Sump #	
Sump Diameter:	42"		42"		42"			
Sump Depth:	5'		5'		4'			
Sump Material:	FIBERGLASS		FIBERGLASS		FIBERGLASS			
Height from Tank Top to Top of Highest Piping Penetration:	21"		20"		25"			
Height from Tank Top to Lowest Electrical Penetration:	13"		14"		17"			
Condition of sump prior to testing:	GOOD		GOOD		GOOD			
Portion of Sump Tested[1]	25"		24"		29"			
Does turbine shut down when sump sensor detects liquid (both product and water)?*	☐ Yes ☐ No ■ NA		☐ Yes ☐ No ■ NA		☐ Yes ☐ No ■ NA			
Turbine shutdown response time	N/A		N/A		N/A			
Is system programmed for fail-safe shutdown?*	■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA			
Was fail-safe verified to be operational?*	☐ Yes ■ No ☐ NA		☐ Yes ■ No ☐ NA		☐ Yes ■ No ☐ NA			
Wait time between applying pressure/vacuum/water and starting test:	5 MINUTES		5 MINUTES		5 MINUTES			
Test Start Time:	9:32AM	9:49AM	9:32AM	9:49AM	12:02PM	12:18PM		
Initial Reading (R_I):	2.3990	2.3986	4.3918	4.3917	0.5073	0.5069		
Test End Time:	9:47AM	10:04AM	9:47AM	10:04AM	12:17PM	12:33PM		
Final Reading (R_F):	2.3987	2.3986	4.3916	4.3914	0.5072	0.5064		
Test Duration:	*(2) x 15min*		*(2) x 15min*		*(2) x 15min*			
Change in Reading ($R_F - R_I$):	-0.0003	-0.0000	-0.0002	-0.0003	-0.0001	-0.0005		
Pass/Fail Threshold or Criteria:	*-0.002*		*-0.002*		*-0.002*			
Test Result:	■ Pass ☐ Fail		■ Pass ☐ Fail		■ Pass ☐ Fail		☐ Pass ☐ Fail	
Was sensor removed for testing?	■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		☐ Yes ☐ No ☐ NA	
Was sensor properly replaced and verified functional after testing?	■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		☐ Yes ☐ No ☐ NA	

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] If the entire depth of the sump is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire sump must be tested. (See SWRCB LG-160)

8. FILL RISER CONTAINMENT SUMP TESTING

Facility is Not Equipped With Fill Riser Containment Sumps ☐

Fill Riser Containment Sumps are Present, but were Not Tested ☐

Test Method Developed By: ☐ Sump Manufacturer ☑ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*

Test Method Used: ☐ Pressure ☐ Vacuum ☑ Hydrostatic ☐ Other *(Specify)*

Test Equipment Used: *Incon TS-STS Sump Test System* Equipment Resolution: *+/- 0.0001*

	Fill Sump # WEST		Fill Sump # EAST		Fill Sump # 2K		Fill Sump #	
Sump Diameter:	42"		42"		42"			
Sump Depth:	5'		5'		5'			
Height from Tank Top to Top of Highest Piping Penetration:	20"		21"		25"			
Height from Tank Top to Lowest Electrical Penetration:	15"		17"		18"			
Condition of sump prior to testing:	GOOD		GOOD		GOOD			
Portion of Sump Tested	24"		27"		28"			
Sump Material:	FIBERGLASS		FIBERGLASS		FIBERGLASS			
Wait time between applying pressure/vacuum/water and starting test.	5 MINUTES		5 MINUTES		5 MINUTES			
Test Start Time:	10:50AM	11:08AM	10:50AM	11:08AM	12:02PM	12:18PM		
Initial Reading (R_I):	7.5439	7.5440	4.3692	4.3689	0.5073	2.1325		
Test End Time:	11:05AM	11:24AM	11:05AM	11:24AM	12:17PM	12:33PM		
Final Reading (R_F):	7.5439	7.5440	4.3689	4.3686	0.5072	2.1323		
Test Duration:	*(2) x 15min*		*(2) x 15min*		*(2) x 15min*			
Change in Reading (R_F-R_I)	-0.0000	-0.0000	-0.0003	-0.0003	-0.0001	-0.0002		
Pass/Fail Threshold or Criteria:	*-0.002*		*-0.002*		*-0.002*			
Test Result:	■ Pass ☐ Fail		■ Pass ☐ Fail		■ Pass ☐ Fail		☐ Pass	☐ Fail
Is there a sensor in the sump?	■ Yes ☐ No		■ Yes ☐ No		■ Yes ☐ No		☐ Yes	☐ No
Does the sensor alarm when either product or water is detected?	■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		☐ Yes	☐ No ☐ NA
Was sensor removed for testing?	■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		☐ Yes	☐ No ☐ NA
Was sensor properly replaced and verified functional after testing?	■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		☐ Yes	☐ No ☐ NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

9. SPILL/OVERFILL CONTAINMENT BOXES

Facility is Not Equipped With Spill/Overfill Containment Boxes ☐				
Spill/Overfill Containment Boxes are Present, but were Not Tested ☐				
Test Method Developed By:	☐ Spill Bucket Manufacturer	☑ Industry Standard	☐ Professional Engineer	
	☐ Other *(Specify)*			
Test Method Used:	☐ Pressure	☐ Vacuum	☐ Hydrostatic	
	☑ Other *(Specify)* VISUAL			
Test Equipment Used: *Incon ST-STS Sump Test System*		Equipment Resolution: *+/- 0.0001*		

	Spill Box # 1	Spill Box # 2	Spill Box # 3	Spill Box #
Bucket Diameter:	12"	12"	12"	
Bucket Depth:	15"	15"	15"	
Wait time between applying pressure/vacuum/water and starting test:	5 MINUTES	5 MINUTES	5 MINUTES	
Test Start Time:	12:30PM	12:32PM	12:35PM	
Initial Reading (R_i):	10"	11 ½"	9 ½"	
Test End Time:	1:30PM	1:32PM	1:35PM	
Final Reading (R_f):	10"	11 ½"	9 ½"	
Test Duration:	1 HOUR	1 HOUR	1 HOUR	
Change in Reading ($R_f - R_i$):	0	0	0	
Pass/Fail Threshold or Criteria:	*10"*	*11 ½"*	*9 ½"*	
Test Result:	■ Pass ☐ Fail	■ Pass ☐ Fail	■ Pass ☐ Fail	☐ Pass ☐ Fail

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

6994 - 7311

C185

Appendix VI

(Copies of Monitoring System Certification form and UST Monitoring Plot Plan available at http://www.waterboards.ca.gov.)

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: Bank Of The West Bldg. No.

Site Address: 1977 Saturn St. City: Monterey Park Zip: 91755

Facility Contact Person: Joe Contact Phone No.: (323) -727-3636

Make/Model of Monitoring System: Veeder-Root TLS350 Date of Testing/Servicing: 10/15/2010

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: WEST DIESEL 10K	Tank ID: 2K DIESEL
☑ In-Tank Gauging Probe. Model: MAG 1	☐ In-Tank Gauging Probe. Model:
☐ Annular Space or Vault Sensor. Model:	☑ Annular Space or Vault Sensor Model: 794390-357
☑ Piping Sump / Trench Sensor(s). Model: 794380-357	☑ Piping Sump / Trench Sensor(s). Mode: 794380-208
☑ Fill Sump Sensor(s). Model: 794390-208	☑ Fill Sump Sensor(s) Mode: 794390-208
☐ Mechanical Line Leak Detector Model:	☐ Mechanical Line Leak Detector. Mode
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
☐ Tank/Overfill / High-Level Sensor. Model:	☐ Tank/Overfill / High-Level Sensor. Model:
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID: EAST DIESEL 10K	Tank ID:
☑ In-Tank Gauging Probe Model: MAG 1	☐ In-Tank Gauging Probe. Model:
☐ Annular Space or Vault Sensor. Model:	☐ Annular Space or Vault Sensor Mode
☑ Piping Sump / Trench Sensor(s). Model: 794390-357	☐ Piping Sump / Trench Sensor(s). Model:
☑ Fill Sump Sensor(s). Model: 794390-208	☐ Fill Sump Sensor(s). Model:
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector Model:	☐ Electronic Line Leak Detector. Model:
☐ Tank/Overfill / High-Level Sensor Model:	☐ Tank/Overfill / High-Level Sensor. Model
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: DAY TANK 1-3	Dispenser ID:
☑ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☑ Shear Valve(s)	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s)	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	Dispenser ID:
☐ Dispenser Containment Sensor(s) Model:	☐ Dispenser Containment Sensor(s) Model:
☐ Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s)	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	Dispenser ID:
☐ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☐ Shear Valve(s).	☐ Shear Valve(s)
☐ Dispenser Containment Float(s) and Chain(s)	☐ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. **Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; (check all that apply):** ☑ System set-up ☐ Alarm history report

Technician Name (print): Rich Ruston Signature:

Certification No: A39930 License No: 517336

Testing Company Name: Orange County Tank Testing Phone No.: (714) 776-0300

Testing Company Address: 225 N. Loara Street, Anaheim, CA 92801 Date of Testing/Servicing: 10/15/2010

C672636

D. Results of Testing/Servicing

Software Version Installed: 9.0

Complete the following checklist:

✓ Yes	☐ No*	Is the audible alarm operational?
✓ Yes	☐ No*	Is the visual alarm operational?
✓ Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
✓ Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No* ✓ N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
☐ Yes	☐ No* ✓ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes, which sensors initiate positive shut-down? *(Check all that apply)* ☐ Sump/Trench Sensors; ☐ Dispenser Containment Sensors. Did you confirm positive shutdown due to leaks and sensor failure/disconnection? ☐ Yes* ☐ No.
☐ Yes	☐ No* ✓ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? ____ %
☐ Yes*	✓ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
☐ Yes*	✓ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product; ☐ Water. If yes, describe causes in Section E, below.
✓ Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable.
✓ Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

* In Section E below, describe how and when these deficiencies were or will be corrected.

E. Comments:

F. In-Tank Gauging / SIR Equipment:

☐ Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☑ Yes	☐ No*		Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☑ Yes	☐ No*		Were all tank gauging probes visually inspected for damage and residue buildup?
☑ Yes	☐ No*		Was accuracy of system product level readings tested?
☑ Yes	☐ No*		Was accuracy of system water level readings tested?
☑ Yes	☐ No*		Were all probes reinstalled properly?
☑ Yes	☐ No*		Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

G. Line Leak Detectors (LLD): ☑ Check this box if LLDs are not installed.

Complete the following checklist:

☐ Yes	☐ No* ☐ N/A		For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? (Check all that apply) Simulated leak rate: ☐ 3 g.p.h.; ☐ 0.1 g.p.h.; ☐ 0.2 g.p.h.
☐ Yes	☐ No*		Were all LLDs confirmed operational and accurate within regulatory requirements?
☐ Yes	☐ No*		Was the testing apparatus properly calibrated?
☐ Yes	☐ No* ☐ N/A		For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* ☐ N/A		For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* ☐ N/A		For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* ☐ N/A		For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* ☐ N/A		For electronic LLDs, have all accessible wiring connections been visually inspected?
☐ Yes	☐ No*		Were all items on the equipment manufacturer's maintenance checklist completed?

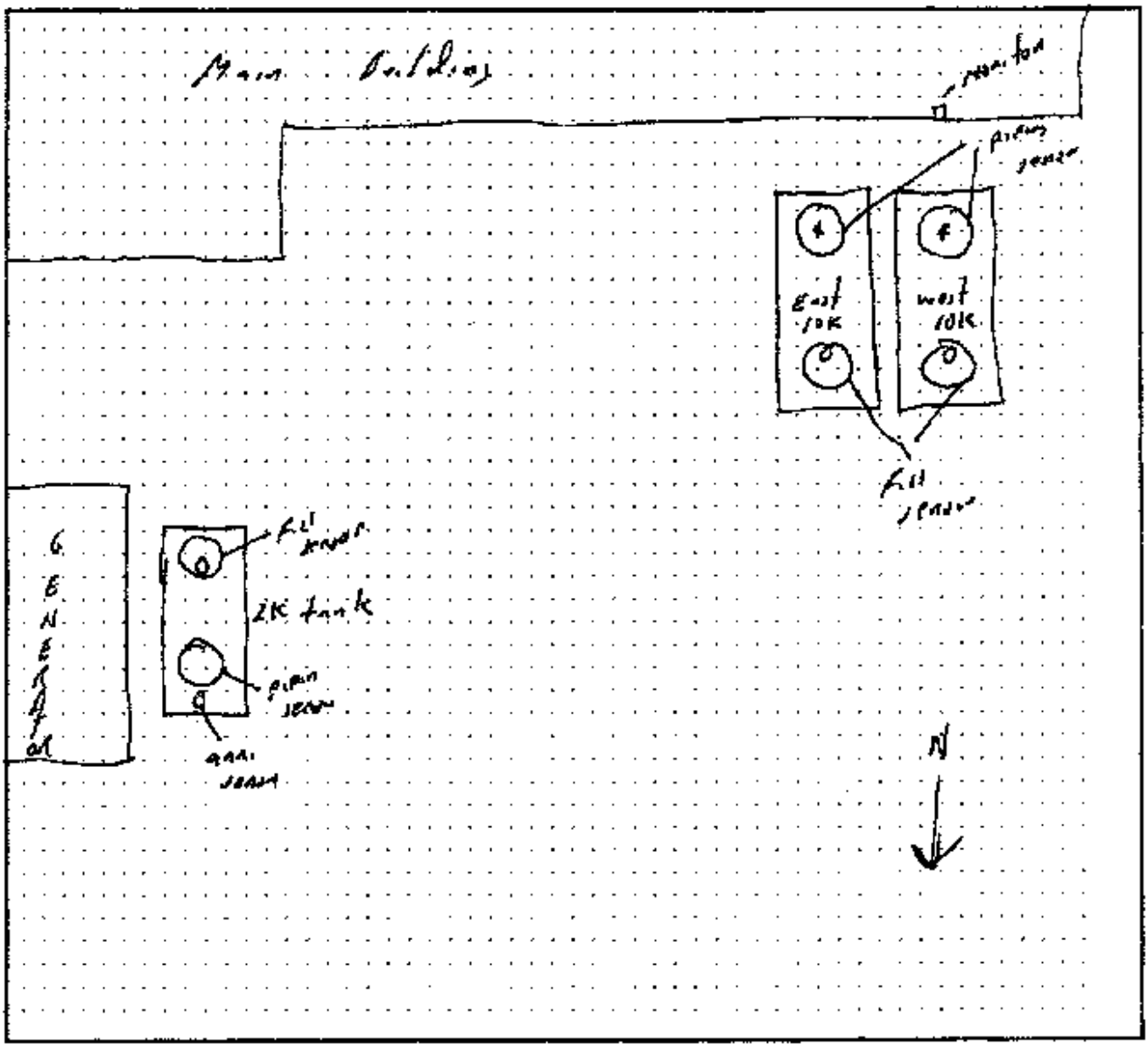
* In the Section H, below, describe how and when these deficiencies were or will be corrected.

H. Comments:

Double wall piping Suction System.

UST Monitoring Site Plan

Site Address: 1977 Safeway



Date map was drawn: 10/24/07

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name: Bank Of The West	Date of Testing: 10/15/2010
Facility Address: 1977 Saturn St.	
Facility Contact: Joe	Phone: 323-727-3836
Date Local Agency Was Notified of Testing:	
Name of Local Agency Inspector *(if present during testing)*: Ronnie Pappas	

2. TESTING CONTRACTOR INFORMATION

Company Name: ORANGE COUNTY TANK TESTING	
Technician Conducting Test: Rich Ruston	
Credentials[1]: ☐ CSLB Contractor ☑ ICC Service Tech. ☐ SWRCB Tank Tester ☐ Other *(Specify)*	
License Number(s): 517336	5246483-UT

3. SPILL BUCKET TESTING INFORMATION

Test Method Used: ☑ Hydrostatic ☐ Vacuum ☐ Other

Test Equipment Used: Visual C — Equipment Resolution:

	1	2	3	4
Identify Spill Bucket: *(By Tank Number, Stored Product, etc.)*	Diesel W.	Diesel E.	Diesel ZK	
Bucket Installation Type:	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☐ Contained in Sump
Bucket Diameter:	12"	12"	12"	
Bucket Depth:	15"	15"	15"	
Wait time between applying vacuum/water and start of test:	15 MIN.	15 MIN.	15 MIN.	15 MIN.
Test Start Time (T_i):	9:00A	9:00A	9:00A	
Initial Reading (R_i):	10"	9.5"	9¼"	
Test End Time (T_f):	10:00A	10:00A	10:00A	
Final Reading (R_f):	10"	9.5"	9¼"	
Test Duration ($T_f - T_i$):	1 HR	1 HR	1 HR	
Change in Reading ($R_f - R_i$):	-.00	-.00	-.00	
Pass/Fail Threshold or Criteria:	±.00	±.00	±.00	

Comments - *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature: _____ Date: 10/15/10

[1]State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirement may be more stringent.

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
MONITORING PLAN – (Page 1 of 2)

006994 - 007311
Cont 6/9/15 / LTMP
6/9/15

TYPE OF ACTION ☒ 1. NEW PLAN ☐ 2. CHANGE OF INFORMATION 490-1

PLAN TYPE ☐ 1. MONITORING IS IDENTICAL FOR ALL USTs AT THIS FACILITY 490-2
(Check one item only) ☒ 2. THIS PLAN COVERS ONLY THE FOLLOWING UST SYSTEM(S): 2,000 UST

I. FACILITY INFORMATION

FACILITY ID # (Agency Use Only) 3

BUSINESS NAME (Same as FACILITY NAME) BANK OF THE WEST

BUSINESS SITE ADDRESS 1977 SATURN AVE 103 | CITY MONTEREY PARK 104

II. EQUIPMENT TESTING AND PREVENTIVE MAINTENANCE

Testing, preventive maintenance, and calibration of monitoring equipment (e.g., sensors, probes, line leak detectors, etc.) must be performed at the frequency specified by the equipment manufacturers' instructions, or annually, whichever is more frequent, and that such work must be performed by qualified personnel. (23 CCR §2632, 2634, 2638, 2641)

MONITORING EQUIPMENT IS SERVICED ☒ 1. ANNUALLY ☐ 99. OTHER (Specify): 490-31 490-32

III. MONITORING LOCATIONS

☐ 1. NEW SITE PLOT PLAN/MAP SUBMITTED WITH THIS PLAN. ☒ 2. SITE PLOT PLAN/MAP PREVIOUSLY SUBMITTED. (23 CCR §2632, 2634) 490-4

IV. TANK MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S):

☒ 1. CONTINUOUS ELECTRONIC TANK MONITORING OF ANNULAR (INTERSTITIAL) SPACE(S) OR SECONDARY CONTAINMENT VAULT(S) WITH AUDIBLE AND VISUAL ALARMS. (23 CCR §2632, 2634) 490-5

SECONDARY CONTAINMENT IS: ☒ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. UNDER VACUUM 490-6

PANEL MANUFACTURER: VEEDERROOT 490-7 MODEL #: TLS350 490-8

LEAK SENSOR MANUFACTURER: VR 490-9 MODEL #(S): 794380-344 490-10

☐ 2. AUTOMATIC TANK GAUGING (ATG) SYSTEM USED TO MONITOR SINGLE WALL TANK(S). (23 CCR §2643) 490-11

PANEL MANUFACTURER: 490-12 MODEL #: 490-13

IN-TANK PROBE MANUFACTURER: 490-14 MODEL #(S): 490-15

LEAK TEST FREQUENCY: ☐ a. CONTINUOUS ☐ b. DAILY/NIGHTLY ☐ c. WEEKLY 490-16

☐ d. MONTHLY ☐ e. OTHER (Specify): 490-17

PROGRAMMED TESTS: ☐ a. 0.1 g.p.h. ☐ b. 0.2 g.p.h. ☐ c. OTHER (Specify): 490-18 490-19

☐ 3. MONTHLY STATISTICAL INVENTORY RECONCILIATION (23 CCR §2646.1): 490-20

☐ 4. WEEKLY MANUAL TANK GAUGING (MTG) (23 CCR §2645). TESTING PERIOD: ☐ a. 36 HOURS ☐ b. 60 HOURS 490-21 490-22

☐ 5. TANK INTEGRITY TESTING (23 CCR §2643.1): 490-23
TEST FREQUENCY: ☐ a. ANNUALLY ☐ b. BIENNIALLY ☐ c. OTHER (Specify): 490-24 490-25

☐ 99. OTHER (Specify): 490-26 490-27

V. PIPE MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S) (Check all that apply)

☒ 1. CONTINUOUS MONITORING OF PIPE/ PIPING SUMP(S) AND OTHER SECONDARY CONTAINMENT WITH AUDIBLE AND VISUAL ALARMS. (23 CCR §2636) 490-28

SECONDARY CONTAINMENT IS: ☒ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. UNDER VACUUM 490-29

PANEL MANUFACTURER: VEEDERROOT 490-30 MODEL #: TLS350 490-31

LEAK SENSOR MANUFACTURER: VR 490-32 MODEL #(S): 794380 208 490-33

PIPING LEAK ALARM TRIGGERS AUTOMATIC PUMP (i.e., TURBINE) SHUTDOWN ☐ a. YES ☐ b. NO 490-34

FAILURE/DISCONNECTION OF THE MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☐ a. YES ☐ b. NO 490-35

☐ 2. MECHANICAL LINE LEAK DETECTOR (MLLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS AND RESTRICTS OR SHUTS OFF PRODUCT FLOW WHEN A LEAK IS DETECTED (23 CCR §2636) 490-36

MLLD MANUFACTURER(S): 490-37 MODEL #(S): 490-38

☐ 3. ELECTRONIC LINE LEAK DETECTOR (ELLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS (23 CCR §2636) 490-39

ELLD MANUFACTURER(S): 490-40 MODEL #(S): 490-41

PROGRAMMED IN LINE LEAK TEST: ☐ 1. MINIMUM MONTHLY 0.2 g.p.h. ☐ 2. MINIMUM ANNUAL 0.1 g.p.h. 490-42

ELLD DETECTION OF A PIPING LEAK TRIGGERS AUTOMATIC PUMP SHUTDOWN ☐ a. YES ☐ b. NO 490-43

ELLD FAILURE/DISCONNECTION TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☐ a. YES ☐ b. NO 490-44

☐ 4. PIPE INTEGRITY TESTING 490-45
TEST FREQUENCY ☐ a. ANNUALLY ☐ b. EVERY 3 YEARS ☐ c. OTHER (Specify) 490-46 490-47

☐ 5. VISUAL PIPE MONITORING. 490-48
FREQUENCY ☐ a. DAILY ☐ b. WEEKLY ☐ c. MIN. MONTHLY & EACH TIME SYSTEM OPERATED* 490-49
* Allowed for monitoring of unburied emergency generator fuel piping only. (HSC §25281.5(b)(3))

☒ 6. SUCTION PIPING MEETS EXEMPTION CRITERIA [23 CCR §2636(k)(3)]. 490-50

☐ 7. NO REGULATED PIPING PER HEALTH AND SAFETY CODE, DIVISION 20, CHAPTER 6.7 IS CONNECTED TO THE TANK SYSTEM 490-51

☐ 99. OTHER (Specify) 490-52 490-53

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
MONITORING PLAN (Page 2 of 2)

VI. UNDER DISPENSER CONTAINMENT (UDC) MONITORING

1. UDC MONITORING IS PERFORMED USING THE FOLLOWING METHOD 490-54a 490-54b

☐ 1. CONTINUOUS ELECTRONIC MONITORING ☐ 2. FLOAT AND CHAIN ASSEMBLY ☐ 3. ELECTRONIC STAND-ALONE
☒ 4. NO DISPENSERS ☐99. OTHER (Specify):

PANEL MANUFACTURER 490-55 | MODEL #: 490-56

LEAK SENSOR MANUFACTURER: 490-57 MODEL #(S): 490-58

DETECTION OF A LEAK INTO THE UDC TRIGGERS AUDIBLE AND VISUAL ALARMS	☐ a. YES ☐ b. NO	490-59
UDC LEAK ALARM TRIGGERS AUTOMATIC PUMP SHUTDOWN	☐ a. YES ☐ b. NO	490-60
FAILURE / DISCONNECTION OF UDC MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN	☐ a. YES ☐ b. NO	490-61
UDC MONITORING STOPS THE FLOW OF PRODUCT AT THE DISPENSER.	☐ a. YES ☐ b. NO	490-62

2. UDC CONSTRUCTION IS ☐ 1. SINGLE-WALLED ☐ 2. DOUBLE-WALLED 490-51

IF DOUBLE WALLED: 490-64a
UDC INTERSTITIAL SPACE IS MONITORED BY: ☐ 1. LIQUID ☐ 2. PRESSURE ☐ 3. VACUUM

A LEAK WITHIN THE SECONDARY CONTAINMENT OF THE UDC TRIGGERS AUDIBLE AND VISUAL ALARMS ☐ a. YES ☐ b. NO 490-64b

VII. PERIODIC SYSTEM TESTING

☐ 1. ELD TESTING: THIS FACILITY HAS BEEN NOTIFIED BY THE STATE WATER RESOURCES CONTROL BOARD THAT ENHANCED LEAK DETECTION (ELD) MUST BE PERFORMED. PERIODIC ELD IS PERFORMED EVERY 36 MONTHS AS REQUIRED. (23 CCR 2664.1.) 490-65

☒ 2. SECONDARY CONTAINMENT COMPONENTS ARE TESTED EVERY 36 MONTHS. 490-66

☒ 3. SPILL BUCKETS ARE TESTED ANNUALLY. 490-67

VIII. RECORDKEEPING

The following monitoring/maintenance records are kept for this facility:

☒ Alarm logs 490-68a ☐ Visual Inspection Records 490-68b
☐ SIR testing results (and supporting documentation records). 490-68d
☒ ATG Testing results (and supporting documentation records). 490-68f
☒ Equipment maintenance and calibration records 490-68h
☒ Tank integrity testing results 490-68e
☒ Tank gauging results (and supporting documentation records). 490-68g
☐ Corrosion Protection 60-day logs 490-68g

IX. TRAINING

☒ Personnel with UST monitoring responsibilities are familiar with all of the following documents relevant to their job duties. 490-69a

REFERENCE DOCUMENTS MAINTAINED AT FACILITY (Check all that apply)

☒ THIS UNDERGROUND STORAGE TANK MONITORING PLAN (Required) 490-69b
☒ OPERATING MANUALS FOR ELECTRONIC MONITORING EQUIPMENT (Required) 490-69c
☐ CALIFORNIA UNDERGROUND STORAGE TANK REGULATIONS 490-69d
☐ CALIFORNIA UNDERGROUND STORAGE TANK LAW 490-69e
☐ STATE WATER RESOURCES CONTROL BOARD (SWRCB) PUBLICATION: "HANDBOOK FOR TANK OWNERS - MANUAL AND STATISTICAL INVENTORY RECONCILIATION" 490-69f
☐ SWRCB PUBLICATION: "UNDERSTANDING AUTOMATIC TANK GAUGING SYSTEMS" 490-69g
☐ OTHER (Specify): 490-69h, M69i

☒ This facility has a "Designated UST Operator" who has passed the California UST System Operator Exam administered by the International Code Council (ICC). The "Designated UST Operator" will train facility employees in the proper operation and maintenance of the UST systems annually, and within 30 days of hire. This training will include, but is not limited to, the following:

- Operation of the UST systems in a manner consistent with the facility's best management practices
- The facility employee's role with regard to the monitoring equipment as specified in this UST Monitoring Plan
- The facility employee's role with regard to spills and overfills as specified in the UST Response Plan
- Names of contact person(s) for emergencies and monitoring alarms. 490-70

X. COMMENTS/ADDITIONAL INFORMATION

Provide additional comments here or indicate how many pages with additional information on specific monitoring procedures are attached to this plan. 490-71
MONITOR RESPONSE PLANS LOCATED AT VEEDERROOT TLS350

XI. PERSONNEL RESPONSIBILITIES

The UST Owner/Operator is responsible for ensuring that: 1) the daily/routine UST monitoring activities and maintenance of UST leak detection equipment covered by this plan occurs, 2) all conditions that indicate a possible release are investigated, and 3) all monitoring records are maintained properly.
The following person(s) are responsible for performing the monitoring and equipment maintenance:

NAME JOE ROBELO 490-72 TITLE CHIEF ENGINEER
490-73

NAME LUIS FAVELA 490-74 TITLE
490-75

The Designated Operator shall perform a monthly visual inspection of the facility, provide a report to the owner/operator, and inform the owner/operator of any conditions that need follow-up action.

XII. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

APPLICANT SIGNATURE 490-76: x Trinidad Mossman
DATE: 490-77: x 12-23-10

REPRESENTING: ☐ 1. Tank Owner/Operator ☐ 2. Facility Owner/Operator ☒ 3. Authorized Representative of Owner

APPLICANT NAME (print): 490-78: x TRINIDAD MOSSMAN
APPLICANT TITLE: 490-79: x AVP, FACILITIES MGR

(Agency Use Only) This plan has been reviewed and: ☐ Approved ☐ Approved With Conditions

Local Agency Signature: _____ Date: _____
Comments or Special Conditions

UST Monitoring Plan – Page 2 Instructions

Complete a separate UST Monitoring Plan for each UST monitoring system at the facility. This form must be submitted with your initial UST Operating Permit Application and within 30 days of changes in the information it contains. Please note that your local agency may require you to obtain approval prior to installing or modifying monitoring equipment. (Note: Numbering of these instructions follows the data element numbers on the form.)

490-54a. MONITORING OF THE UNDER DISPENSER CONTAINMENT- Indicate the method used for UDC monitoring
490-54b. SPECIFY-If 99 "Other" is checked, describe other method used.
If VI-1-1, VI-1-2 or VI-1-3 or VI-1-99 is checked, complete 490-55 to 490-64b.
490-55. PANEL MANUFACTURER –Enter the name of the manufacturer of the monitoring system control panel (console). If there is no control panel (e.g., only an electrical relay box is installed) leave this space blank.
490-56. MODEL # - Enter the model number for the monitoring system control panel (console) If there is no control panel (e.g , only an electrical relay box is installed) leave this
space blank
490-57. LEAK SENSOR MANUFACTURER – Enter the name of the manufacturer of the sensor(s).
490-58. MODEL #(S) - Enter the model number of the sensor(s) installed If additional space is needed, use Section X.
490-59. DETECTION OF A LEAK INTO THE UDC TRIGGERS AUDIBLE AND VISUAL ALARMS. Indicate Yes or No
490-60. UDC LEAK ALARM TRIGGERS PUMP SHUTDOWN - Indicate Yes or No
490-61. FAILURE/DISCONNECTION OF UDC MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN - Indicate Yes or No
490-62. UDC MONITORING STOPS THE FLOW OF PRODUCT AT THE DISPENSER - Indicate Yes or No.
490-63. UDC CONSTRUCTION - Indicate if the construction of the UDC is single-walled, or double-walled.
490-64a. DOUBLE-WALLED INTERSTITIAL SPACE MONITORING – Indicate what is used to monitor the interstitial space.
490-64b. LEAK WITHIN THE SECONDARY CONTAIMENT OF UDC TRIGGERS AUDIBLE AND VISUAL ALARMS - Indicate Yes or No
490-65. VI-1 ELD TESTING - Check the box if you have been notified by the State Water Resources Control Board (SWRCB) that the UST(s) covered by this plan is/are subject to Enhanced Leak Detection Requirements (i.e., UST has any single-wall component and is located within 1,000 feet of a public drinking water well).
490-66. TESTING OF SECONDARY CONTAINMENT COMPONENTS EVERY 36 MONTHS - Check the box if you have secondary containment that requires testing.
490-67. SPILL BUCKET TESTING - Check the box if you have spill buckets
490-68a-h VII. RECORDKEEPING -Indicate which monitoring and equipment maintenance records are maintained for this facility
490-69a IX TRAINING STATEMENT - Check the box to verify that the statement is true.
REFERENCE DOCUMENTS MAINTAINED AT FACILITY – Check the appropriate boxes to describe reference documents maintained at the facility. Note that the first two items on the list must be kept at the facility.
490-69b MONITORING PLAN: Indicate that this plan is kept as a reference document.
490-69c. OPERATING MANUALS FOR ELECTRONIC EQUIPMENT: Indicate that this plan is kept as a reference document.
490-69d. CA UST REGULATIONS - Indicate that this is kept as a reference document.
490-69e. CA UST LAW - Indicate that this is kept as a reference document.
490-69f STATE WATER RESOURCES CONTROL BOARD (SWRCB) PUBLICATION - "HANDBOOK FOR TANK OWNERS - MANUAL AND STATISTICAL INVENTORY RECONCILIATION - Indicate that this is kept as a reference document.
490-69g. SWRCB PUBLICATION: "UNDERSTANDING AUTOMATIC TANK GAUGING SYSTEMS": Indicate that this is kept as a reference document
490-69h. OTHER - Indicate that other reference documents are kept
490-69i. SPECIFY-If "OTHER" is checked, enter a brief description of the other document(s) maintained at the facility. If additional space is needed, see Section X.
490-70 DESIGNATED OPERATOR TRAINING - Check this box to verify that this statement is true.
490-71 COMMENTS/ADDITIONAL INFORMATION – Make additional comments or you may attach and identify the number of additional pages of information to describe any additional UST system monitoring-related information (e.g., additional information required by your local agency). Attach any monitoring logs that you will be using for the monitoring of your tank system.
490-72 NAME – Enter the name of the person who routinely conducts the monitoring and equipment maintenance under this plan.
490-73 TITLE - Enter the title of the person.
490-74 NAME – Enter the name of the second person, if applicable, who routinely conducts the monitoring and equipment maintenance under this plan.
490-75 TITLE – Enter the title of the second person.
OWNER/OPERATOR SIGNATURE – The tank owner/operator, facility owner/operator, or an authorized representative of the owner shall sign in the space provided. This signature certifies that the signer believes that all information submitted is true, accurate, and complete, and that the training program specified in Section IX has been implemented.
490-76 REPRESENTING – Check the appropriate box to indicate whether the signer is the UST owner/operator, the UST facility owner/operator, or an authorized representative of the owner.
490-77. DATE – Enter the date the plan was signed.
490-78. APPLICANT NAME – Print or type the name of the person signing this plan
490-79. APPLICANT TITLE – Enter the title of the person signing the plan.

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
MONITORING PLAN – (Page 1 of 2)

TYPE OF ACTION ☒ 1. NEW PLAN ☐ 2. CHANGE OF INFORMATION 490-1

PLAN TYPE ☐ 1. MONITORING IS IDENTICAL FOR ALL USTs AT THIS FACILITY 490-2
(Check one item only) ☒ 2. THIS PLAN COVERS ONLY THE FOLLOWING UST SYSTEM(S): 10,000 UST

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)* 1

BUSINESS NAME *(Same as FACILITY NAME)* BANK OF THE WEST 3

BUSINESS SITE ADDRESS 1977 SATURN AVE 103 | CITY MONTEREY PARK 104

II. EQUIPMENT TESTING AND PREVENTIVE MAINTENANCE

Testing, preventive maintenance, and calibration of monitoring equipment (e.g., sensors, probes, line leak detectors, etc.) must be performed at the frequency specified by the equipment manufacturers' instructions, or annually, whichever is more frequent, and that such work must be performed by qualified personnel. (23 CCR §2632, 2634, 2638, 2641)

MONITORING EQUIPMENT IS SERVICED ☒ 1. ANNUALLY ☐ 99. OTHER (Specify): 490-34 490-35

III. MONITORING LOCATIONS

☐ 1. NEW SITE PLOT PLAN/MAP SUBMITTED WITH THIS PLAN. ☒ 2. SITE PLOT PLAN/MAP PREVIOUSLY SUBMITTED. (23 CCR §2632, 2634) 490-4

IV. TANK MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S):

☐ 1. CONTINUOUS ELECTRONIC TANK MONITORING OF ANNULAR (INTERSTITIAL) SPACE(S) OR SECONDARY CONTAINMENT VAULT(S) WITH AUDIBLE AND VISUAL ALARMS. (23 CCR §2632, 2634) 490-5

SECONDARY CONTAINMENT IS: ☐ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. UNDER VACUUM 490-6

PANEL MANUFACTURER: 490-7 | MODEL #: 490-8

LEAK SENSOR MANUFACTURER: 490-9 | MODEL #(S): 490-10

☒ 2. AUTOMATIC TANK GAUGING (ATG) SYSTEM USED TO MONITOR SINGLE WALL TANK(S). (23 CCR §2643) 490-11

PANEL MANUFACTURER: VEEDERROOT 490-12 MODEL #: TLS350 490-13

IN-TANK PROBE MANUFACTURER: V/R 490-14 MODEL #(S): MAG 1 490-15

LEAK TEST FREQUENCY: ☐ a. CONTINUOUS ☐ b. DAILY/NIGHTLY ☐ c. WEEKLY 490-16
☒ d. MONTHLY ☐ e. OTHER (Specify): 490-17

PROGRAMMED TESTS: ☐ a. 0.1 g.p.h ☒ b. 0.2 g.p.h. ☐ c. OTHER (Specify): 490-18 490-19

☐ 3. MONTHLY STATISTICAL INVENTORY RECONCILIATION (23 CCR §2646.1): 490-20

☐ 4. WEEKLY MANUAL TANK GAUGING (MTG) (23 CCR §2645). TESTING PERIOD: ☐ a. 36 HOURS ☐ b. 60 HOURS 490-31 490-32

☐ 5. TANK INTEGRITY TESTING (23 CCR §2643.1): 490-23 490-24
TEST FREQUENCY: ☐ a. ANNUALLY ☐ b. BIENNIALLY ☐ c. OTHER (Specify): 490-25

☐ 99. OTHER (Specify): 490-26 490-27

V. PIPE MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S) (Check all that apply)

☒ 1. CONTINUOUS MONITORING OF PIPE/ PIPING SUMP(S) AND OTHER SECONDARY CONTAINMENT WITH AUDIBLE AND VISUAL ALARMS. (23 CCR §2636) 490-28

SECONDARY CONTAINMENT IS: ☒ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. UNDER VACUUM 490-29

PANEL MANUFACTURER: VEEDERROOT 490-30 MODEL #: TLS350 490-31

LEAK SENSOR MANUFACTURER: V/R 490-32 MODEL #(S): 794380-351 490-33

PIPING LEAK ALARM TRIGGERS AUTOMATIC PUMP (i.e., TURBINE) SHUTDOWN. ☐ a. YES ☐ b. NO 490-34

FAILURE/DISCONNECTION OF THE MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☐ a. YES ☐ b. NO 490-35

☐ 2. MECHANICAL LINE LEAK DETECTOR (MLLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS AND RESTRICTS OR SHUTS OFF PRODUCT FLOW WHEN A LEAK IS DETECTED (23 CCR §2636) 490-36

MLLD MANUFACTURER(S) 490-37 MODEL #(S): 490-38

☐ 3. ELECTRONIC LINE LEAK DETECTOR (ELLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS (23 CCR §2636) 490-39

ELLD MANUFACTURER(S) 490-40 MODEL #(S): 490-41

PROGRAMMED IN LINE LEAK TEST: ☐ 1. MINIMUM MONTHLY 0.2 g.p.h. ☐ 2. MINIMUM ANNUAL 0.1 g.p.h. 490-42

ELLD DETECTION OF A PIPING LEAK TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☐ a. YES ☐ b. NO 490-43

ELLD FAILURE/DISCONNECTION TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☐ a. YES ☐ b. NO 490-44

☐ 4. PIPE INTEGRITY TESTING 490-45
TEST FREQUENCY ☐ a. ANNUALLY ☐ b. EVERY 3 YEARS ☐ c. OTHER (Specify) 490-46 490-47

☐ 5. VISUAL PIPE MONITORING. 490-48
FREQUENCY ☐ a. DAILY ☐ b. WEEKLY ☐ c. MW MONTHLY & EACH TIME SYSTEM OPERATED* 490-49
* Allowed for monitoring of underground emergency generator fuel piping only per HSC §25281.5(b)(3)

☒ 6. SUCTION PIPING MEETS EXEMPTION CRITERIA [23 CCR §2636(a)(3)]. 490-50

☐ 7. NO REGULATED PIPING PER HEALTH AND SAFETY CODE, DIVISION 20, CHAPTER 6.7 IS CONNECTED TO THE TANK SYSTEM 490-51

☐ 99. OTHER (Specify) 490-52 490-53

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
MONITORING PLAN (Page 2 of 2)

VI. UNDER DISPENSER CONTAINMENT (UDC) MONITORING

1. UDC MONITORING IS PERFORMED USING THE FOLLOWING METHOD 490-59a 490-59b

☐ 1. CONTINUOUS ELECTRONIC MONITORING ☐ 2. FLOAT AND CHAIN ASSEMBLY ☐ 3. ELECTRONIC STAND-ALONE
☒ 4. NO DISPENSERS ☐ 95. OTHER (Specify):

PANEL MANUFACTURER 490-55		MODEL #:	490-56
LEAK SENSOR MANUFACTURER: 490-57		MODEL #(S):	490-58

DETECTION OF A LEAK INTO THE UDC TRIGGERS AUDIBLE AND VISUAL ALARMS	☐ a. YES	☐ b. NO	490-59
UDC LEAK ALARM TRIGGERS AUTOMATIC PUMP SHUTDOWN	☐ a. YES	☐ b. NO	490-60
FAILURE / DISCONNECTION OF UDC MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN.	☐ a. YES	☐ b. NO	490-61
UDC MONITORING STOPS THE FLOW OF PRODUCT AT THE DISPENSER.	☒ a. YES	☐ b. NO	490-62

2. UDC CONSTRUCTION IS ☐ 1. SINGLE-WALLED ☐ 2. DOUBLE-WALLED 490-63

IF DOUBLE WALLED: 490-64
UDC INTERSTITIAL SPACE IS MONITORED BY: ☐ 1. LIQUID ☐ 2. PRESSURE ☐ 3. VACUUM
A LEAK WITHIN THE SECONDARY CONTAINMENT OF THE UDC TRIGGERS AUDIBLE AND VISUAL ALARMS ☐ a. YES ☐ b. NO 490-64b

VII. PERIODIC SYSTEM TESTING

☐ 1. ELD TESTING: THIS FACILITY HAS BEEN NOTIFIED BY THE STATE WATER RESOURCES CONTROL BOARD THAT ENHANCED LEAK DETECTION (ELD) MUST BE PERFORMED. PERIODIC ELD IS PERFORMED EVERY 36 MONTHS AS REQUIRED. (23 CCR §2644.1) 490-65

☒ 2. SECONDARY CONTAINMENT COMPONENTS ARE TESTED EVERY 36 MONTHS. 490-66

☒ 3. SPILL BUCKETS ARE TESTED ANNUALLY 490-67

VIII. RECORDKEEPING

The following monitoring/maintenance records are kept for this facility:

☒ Alarm logs 490-68a ☐ Visual Inspection Records 490-68b
☐ SIR testing results (and supporting documentation records) 490-68d
☒ ATG Testing results (and supporting documentation records). 490-68f
☒ Tank integrity testing results 490-68c
☒ Tank gauging results (and supporting documentation records). 490-68e
☐ Corrosion Protection 60-day logs 490-68g
☒ Equipment maintenance and calibration records. 490-68h

IX. TRAINING

☒ Personnel with UST monitoring responsibilities are familiar with all of the following documents relevant to their job duties. 490-69f

REFERENCE DOCUMENTS MAINTAINED AT FACILITY (Check all that apply)

☒ THIS UNDERGROUND STORAGE TANK MONITORING PLAN (Required) 490-69a
☒ OPERATING MANUALS FOR ELECTRONIC MONITORING EQUIPMENT (Required) 490-69b
☐ CALIFORNIA UNDERGROUND STORAGE TANK REGULATIONS 490-69d
☐ CALIFORNIA UNDERGROUND STORAGE TANK LAW 490-69e
☐ STATE WATER RESOURCES CONTROL BOARD (SWRCB) PUBLICATION, "HANDBOOK FOR TANK OWNERS - MANUAL AND STATISTICAL INVENTORY RECONCILIATION" 490-69f
☐ SWRCB PUBLICATION: "UNDERSTANDING AUTOMATIC TANK GAUGING SYSTEMS" 490-69g
☐ OTHER (Specify): M49h, M49i

☒ This facility has a "Designated UST Operator" who has passed the California UST System Operator Exam administered by the International Code Council (ICC). The "Designated UST Operator" will train facility employees in the proper operation and maintenance of the UST systems annually, and within 30 days of hire. This training will include, but is not limited to, the following:

- Operation of the UST systems in a manner consistent with the facility's best management practices
- The facility employee's role with regard to the monitoring equipment as specified in this UST Monitoring Plan
- The facility employee's role with regard to spills and overfills as specified in the UST Response Plan
- Names of contact person(s) for emergencies and monitoring alarms 490-70

X. COMMENTS/ADDITIONAL INFORMATION

Provide additional comments here or indicate how many pages with additional information on specific monitoring procedures are attached to this plan. 490-71
MONITOR RESPONSE PLANS LOCATED AT VEEDERROOT TLS350

XI. PERSONNEL RESPONSIBILITIES

The UST Owner/Operator is responsible for ensuring that: 1) the daily/routine UST monitoring activities and maintenance of UST leak detection equipment covered by this plan occurs, 2) all conditions that indicate a possible release are investigated, and 3) all monitoring records are maintained properly.
The following person(s) are responsible for performing the monitoring and equipment maintenance

NAME JOE ROBELO 490-72 TITLE CHIEF ENGINEER 490-73

NAME LUIS PAVELA 490-74 TITLE 490-75

The Designated Operator shall perform a monthly visual inspection of the facility, provide a report to the owner/operator, and inform the owner/operator of any conditions that need follow-up action.

XII. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

APPLICANT SIGNATURE 490-76
x Trinidad Mossman
REPRESENTING: ☐ 1. Tank Owner/Operator ☐ 2. Facility Owner/Operator ☒ 3. Authorized Representative of Owner

DATE 490-77
x 12-23-10

APPLICANT'S NAME (print) 490-78
x TRINIDAD MOSSMAN

APPLICANT TITLE 490-79
x AVP, FACILITIES MGR

Agency Use Only This plan has been reviewed and: ☐ Approved ☐ Approved With Conditions

Local Agency Signature: _____ Date: _____

Comments or Special Conditions:

UST Monitoring Plan – Page 2 Instructions

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490-61. FAILURE/DISCONNECTION OF UDC MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN - Indicate Yes or No
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490-64a DOUBLE-WALLED INTERSTITIAL SPACE MONITORING - Indicate what is used to monitor the interstitial space.
490-64b. LEAK WITHIN THE SECONDARY CONTAINMENT OF UDC TRIGGERS AUDIBLE AND VISUAL ALARMS - Indicate Yes or No
490-65. VI-1 FIELD TESTING - Check the box if you have been notified by the State Water Resources Control Board (SWRCB) that the UST(s) covered by this plan is/are subject to Enhanced Leak Detection Requirements (i.e., UST has any single-wall component and is located within 1,000 feet of a public drinking water well)
490-66. TESTING OF SECONDARY CONTAINMENT COMPONENTS EVERY 36 MONTHS - Check the box if you have secondary containment that requires testing.
490-67. SPILL BUCKET TESTING - Check the box if you have spill buckets.
490-68a-h. VII RECORDKEEPING -Indicate which monitoring and equipment maintenance records are maintained for this facility.
490-69a IX TRAINING STATEMENT - Check the box to verify that the statement is true.
REFERENCE DOCUMENTS MAINTAINED AT FACILITY – Check the appropriate boxes to describe reference documents maintained at the facility. Note that the first two items on the list must be kept at the facility.
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490-69e CA UST LAW - Indicate that this is kept as a reference document.
490-69f STATE WATER RESOURCES CONTROL BOARD (SWRCB) PUBLICATION - "HANDBOOK FOR TANK OWNERS - MANUAL AND STATISTICAL INVENTORY RECONCILIATION - Indicate if or this is kept as a reference document.
490-69g SWRCB PUBLICATION: "UNDERSTANDING AUTOMATIC TANK GAUGING SYSTEMS": Indicate that this is kept as a reference document.
490-69h OTHER - Indicate that other reference documents are kept.
490-69i. SPECIFY-IF "OTHER" is checked, enter a brief description of the other document(s) maintained at the facility. If additional space is needed, see Section X.
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490-71. COMMENTS/ADDITIONAL INFORMATION – Make additional comments or you may attach and identify the number of additional pages of information to describe any additional UST system monitoring-related information (e.g., additional information required by your local agency). Attach any monitoring logs that you will be using for the monitoring of your tank system.
490-72. NAME – Enter the name of the person who routinely conducts the monitoring and equipment maintenance under this plan.
490-73. TITLE - Enter the title of the person.
490-74. NAME – Enter the name of the second person, if applicable, who routinely conducts the monitoring and equipment maintenance under this plan.
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OWNER/OPERATOR SIGNATURE – The tank owner/operator, facility owner/operator, or an authorized representative of the owner shall sign in the space provided. This signature certifies that the signer believes that all information submitted is true, accurate, and complete, and that the training program specified in Section IX has been implemented.
490-76. REPRESENTING – Check the appropriate box to indicate whether the signer is the UST owner/operator, the UST facility owner/operator, or an authorized representative of the owner.
490-77. DATE – Enter the date the plan was signed.
490-78. APPLICANT NAME - Print or type the name of the person signing the plan.
490-79. APPLICANT TITLE - Enter the title of the person signing the plan.

OC CUPA
1241 E. Dyer Road Ste 120
Santa Ana, CA 92705
Tel: (714) 433-6000
Fax: (714) 754-1768
www.occupainfo.com

UNIFIED PROGRAM CONSOLIDATED FORM

UNDERGROUND STORAGE TANKS
RESPONSE PLAN – PAGE 1

(one page per site)

R39

TYPE OF ACTION ☑ 1. NEW PLAN ☐ 2. CHANGE OF INFORMATION

I. FACILITY INFORMATION

FACILITY ID *(Agency Use Only)* 3 0 – – R02

FACILITY NAME: BANK OF THE WEST R03

FACILITY STREET ADDRESS: 1977 SATURN AVE CITY: MONTEREY PARK R04

II. SPILL CONTROL AND CLEANUP METHODS

This plan addresses unauthorized releases from UST systems and supplements the emergency response plans and procedures in the facility's Hazardous Materials Business Plan.

- It is safe to do so, facility personnel will take immediate measures to control or stop any release (e.g., activate pump shut-off, etc.) and, if necessary, safely remove to contain hazardous material from the UST system.
- Liquid in secondary containment will be pumped or otherwise removed within a time consistent with the ability of the secondary containment system to contain the hazardous material, but not greater than 10 calendar days or sooner if required by the local agency. Recovered hazardous materials, unless still suitable for their intended use, will be managed as hazardous waste.
- Absorbent material will be used to contain and clean up manageable spills of hazardous materials. Absorbent material may be reused until it becomes too saturated to be effective. It will then be managed properly. Used absorbent material, reusable or waste, will be stored in a properly labeled and sealed container.
- Facility personnel will determine whether or not any water removed from secondary containment systems, or from clean-up activity, has been in contact with any hazardous material. If the water is contaminated, it will be managed as hazardous waste. If the water has a petroleum sheen (i.e., rainbow colors), it is contaminated. A thick floating petroleum layer may not necessarily display rainbow colors. Water (hazardous or non-hazardous) from sumps, spill containers, etc. will not be dispersed to storm water systems.
- We will review secondary containment systems for possible deterioration if any of the following conditions occur:
  1. Hazardous material in contact with secondary containment is not compatible with the material used for secondary containment;
  2. Secondary containment is prone to damage when any equipment used to remove or clean up hazardous material collected in secondary containment;
  3. Hazardous material, other than the product/waste stored in the primary containment system, is placed inside secondary containment to treat or neutralize released product/waste, and the added material or resulting material from such a combination is not compatible with secondary containment.

III. SPILL CONTROL AND CLEAN-UP EQUIPMENT

PERIODIC MAINTENANCE: Spill control and clean-up equipment kept permanently on-site is listed in the facility's Hazardous Materials Business Plan. This equipment is inspected at least monthly and after each use, and supplies are replenished as needed. Defective equipment is repaired or replaced as necessary.

EQUIPMENT NOT PERMANENTLY ON-SITE, BUT AVAILABLE FOR USE IF NEEDED: (Complete only if applicable)

EQUIPMENT	LOCATION	AVAILABILITY
R10.	R20.	R30.
R11.	R21.	R31.
R12.	R22.	R32.
R13.	R23.	R33.
R14.	R24.	R34.
R15.	R25.	R35.

IV. RESPONSIBLE PERSONS

THE FOLLOWING PERSON(S) IS/ARE RESPONSIBLE FOR AUTHORIZING ANY WORK NECESSARY UNDER THIS RESPONSE PLAN:

NAME	TITLE
R40. X TRINIDAD HOSSMAN	R50. X AVP, FACILITIES MANAGER
R41. X JOE REBELO	R51. X CHIEF ENGINEER
R42.	R52.
R43.	R53.

V. INDIRECT HAZARD DETERMINATION

This information is required only when the presence of the hazardous substance can not be determined directly by the monitoring method used (e.g., where liquid level measurements in a tank annular space or secondary piping are used as the basis for leak determination).

THE FOLLOWING STEPS WILL BE TAKEN TO DETERMINE THE PRESENCE OR ABSENCE OF HAZARDOUS SUBSTANCE IN THE SECONDARY CONTAINMENT IF MONITORING INDICATES A POSSIBLE UNAUTHORIZED RELEASE:

R61

OC CUPA
1241 E. Dyer Road Ste 120
Santa Ana, CA 92705
Tel: (714) 433-6000
Fax: (714) 754-1768
www.occupainfo.com

UNIFIED PROGRAM CONSOLIDATED FORM

UNDERGROUND STORAGE TANKS RESPONSE PLAN – PAGE 2

(one page per site)

VI. LEAK INTERCEPTION AND DETECTION SYSTEM

This information is required only for motor vehicle fuel UST systems constructed per the Alternate Construction Requirements of 23 CCR §2633, and only if the Leak Interception and Detection System (LIDS) does not meet the volumetric requirements of 23 CCR §2631(d)(1) through (5) (i.e., when accounting for rainfall and backfill material, the secondary containment volume is less than 100% of primary tank volume for a single UST, or in the case of multiple USTs in shared secondary containment 150% of the largest primary tank volume or 10% of aggregate primary tank volume, whichever is greater)

ATTACH AN ADDITIONAL PAGE TO THIS PLAN CONTAINING THE FOLLOWING INFORMATION:

- The volume of the LIDS in relation to the volume of the primary container;
- The amount of time the LIDS shall provide containment related to the time between detection of an unauthorized release and cleanup of the leaked substance;
- The depth from the bottom of the LIDS to the highest anticipated level of groundwater;
- The nature of the unsaturated soils under the LIDS and their ability to absorb contaminants or to allow movement of contaminants;
- The methods and scheduling for removal of all hazardous substances which may have been discharged from primary containment and are located in the unsaturated soils between the primary containment and groundwater, including the LIDS sump.

VII. REPORTING AND RECORD KEEPING

We will report/record any overfill, spill, or unauthorized release from a UST system as indicated in this plan.

Recordable Releases: Any unauthorized release from primary containment which the UST operator is able to clean up within eight (8) hours after the release was detected or should reasonably have been detected, and which does not escape from secondary containment, does not increase the hazard of fire or explosion, and does not cause any deterioration of secondary containment, must be recorded in the facility's monitoring records. Monitoring records must include:

- The UST operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous substances released;
- A description of the actions taken to control and clean up the release;
- The method and location of disposal of the released hazardous substances, and whether a hazardous waste manifest was or will be used;
- A description of actions taken to repair the UST and to prevent future releases;
- A description of the method used to reactivate interstitial monitoring after replacement or repair of primary containment.

Reportable Releases: Any overfill, spill, or unauthorized release which escapes from secondary containment (or primary containment if no secondary containment exists), increases the hazard of fire or explosion, or causes any deterioration of secondary containment, is a reportable release. Reportable releases are also recordable.

Within 24 hours after a reportable release has been detected, or should have been detected, we will notify the local agency administering the UST program of the release, investigate the release, and take immediate measures to stop the release. If necessary, or if required by the local agency, remaining stored product/waste will be removed from the UST to prevent further releases or facilitate corrective action. If an emergency exists, we will notify the State Office of Emergency Services.

Within five (5) working days of a reportable release, we will submit to the local agency a full written report containing all of the following information to the extent that the information is known at the time of filing the report:

- The UST owner's or operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous materials released;
- The approximate date of the release;
- The time at which the release was discovered;
- The time at which the release was stopped;
- A description of actions taken to control and/or stop the release;
- A description of corrective and remedial actions, including investigations which were undertaken and will be conducted to determine the nature and extent of soil, ground water or surface water contamination due to the release;
- The method(s) of cleanup implemented to date, proposed cleanup actions, and a schedule for implementing the proposed actions;
- The method(s) and location(s) of disposal of released hazardous materials and any contaminated soils, groundwater, or surface water;
- Copies of any hazardous waste manifests used for off-site transport of hazardous wastes associated with clean-up activity;
- A description of proposed methods for any repair or replacement of UST system primary/secondary containment systems;
- A description of additional actions taken to prevent future releases.

We will follow the reporting procedures described above if any of the following conditions occur:

- A recordable unauthorized release can not be cleaned up or is still under investigation within eight (8) hours of detection;
- Released hazardous substances are discovered at the UST site or in the surrounding area;
- Unusual operating conditions are observed, including erratic behavior of product dispensing equipment, sudden loss of product, or the unexplained presence of water in the tank, unless system equipment is found to be defective and is immediately repaired or replaced, and no leak has occurred;
- Monitoring results from UST system monitoring equipment/methods indicate that a release may have occurred, unless the monitoring equipment is found to be defective and is immediately repaired, recalibrated or replaced, and additional monitoring does not confirm the initial results.

Record Retention: Monitoring records and written reports of unauthorized releases must be maintained on-site (or off-site at a readily available location, if approved by the local agency) for at least 2 years. Hazardous waste shipping/disposal records (e.g., manifests) must be maintained for at least 3 years from the date of shipment.

VIII. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

OWNER/OPERATOR SIGNATURE	DATE
X Trinidad Mossman	X 12-23-10

OWNER/OPERATOR NAME (print)	OWNER/OPERATOR TITLE
X TRINIDAD MOSSMAN	X AVP, FACILITIES MANAGER

Agency Use Only: This plan has been reviewed and: ___ Approved ___ Approved With Conditions ___ Disapproved

Local Agency Signature _____ Date: _____

6994 - 7311

Owner Statements of Designated Underground Storage Tank (UST) Operator and Understanding of and Compliance with UST Requirements

Facility Name: Bank of The West	Facility ID #:
Facility Address: Bank of The West 1977 Saturn St Monterey Park, Ca 91755	Reason for Submitting this Form *(Check One)* Change of Designated Operator X Update Certificate Expiration Date
Facility Phone #: 323-727-3636	

Designated UST Operator(s) for this Facility

PRIMARY

Designated Operator's Name: MARTIN SCHWARTZ	Relation to UST Facility *(Check One)*
Business Name ORANGE COUNTY TANK TESTING INC	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: 714-776-0500	☐ Service Technician X Third-Party
International Code Council Certification #: 5311570-UC	Expiration Date: 10/30/12

ALTERNATE 1 *(Optional)*

Designated Operator's Name: RICHARD RUSTON	Relation to UST Facility *(Check One)*
Business Name *(If different from above)*: OCTT	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: 7140776-0300	☐ Service Technician X Third-Party
International Code Council Certification #: 5246183 UC	Expiration Date: 10/22/12

ALTERNATE 2 *(Optional)*

Designated Operator's Name: TONY JONES	Relation to UST Facility *(Check One)*
Business Name *(If different from above)*: OCTT	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: 714-776-0300	☐ Service Technician X Third-Party
International Code Council Certification #: 5252936-UC	Expiration Date: 1-06-13

I certify that, for the facility indicated at the top of this page, the individual(s) listed above will serve as Designated UST Operator(s). The individual(s) will conduct and document monthly facility inspections and annual facility employee training, in accordance with California Code of Regulations, title 23, section 2715(c) - (f).

Furthermore, I understand and am in compliance with the requirements (statutes, regulations, and local ordinances) applicable to underground storage tanks.

NAME OF TANK OWNER (PleasePrint): ~~Bob Shaklin~~ Thadd Mossman

SIGNATURE OF TANK OWNER: Thaddeus Mossman

DATE: 11-02-10 OWNER'S PHONE #: 323 727 3017

NOTE: 1) SUBMIT THIS COMPLETED FORM TO THE LOCAL AGENCY (NOT THE STATE WATER RESOURCES CONTROL BOARD) BY JANUARY 1, 2005. THE LOCAL AGENCY LIST IS AVAILABLE AT: www.waterboards.ca.gov/ust/contacts/cupa_agys.html.

2) NOTIFY THE LOCAL AGENCY OF ANY CHANGES TO THIS INFORMATION WITHIN 30 DAYS OF THE CHANGE.

RECEIVED
FEB 03 2011
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS

November 2004

C 67975

BM
CTES

6994 - 731

Appendix VI

(Copies of Monitoring System Certification form and UST Monitoring Plot Plan available at http://www.waterboards.ca.gov/)

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A General Information

Facility Name: Bank Of The West Bldg No:

Site Address: 1977 Saturn St. City: Monterey Park Zip: 91755

Facility Contact Person: Joe Contact Phone No.: (323) -727-3636

Make/Model of Monitoring System: Veeder-Root TLS 350 Date of Testing/Servicing: 10/7/2011

B Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: #1 Diesel West

- [■] In-Tank Gauging Probe. Model: MAG1
- [ ] Annular Space or Vault Sensor. Model:
- [■] Piping Sump / Trench Sensor(s). Model: 794380-208
- [■] Fill Sump Sensor(s). Model: 794380-208
- [ ] Mechanical Line Leak Detector. Model:
- [ ] Electronic Line Leak Detector. Model:
- [■] Tank/Overfill / High-Level Sensor. Model: Flapper Valve
- [ ] Other (specify equipment type and model in Section E on Page 2).

Tank ID: #3 2K Diesel

- [ ] In-Tank Gauging Probe. Model:
- [■] Annular Space or Vault Sensor. Model: 794380-208
- [■] Piping Sump / Trench Sensor(s). Model: 794380-208
- [■] Fill Sump Sensor(s). Model: 794380-208
- [ ] Mechanical Line Leak Detector. Model:
- [■] Electronic Line Leak Detector. Model:
- [ ] Tank/Overfill / High-Level Sensor. Model:
- [ ] Other (specify equipment type and model in Section E on Page 2).

Tank ID: #2 Diesel West

- [■] In-Tank Gauging Probe. Model: MAG 1
- [■] Annular Space or Vault Sensor. Model:
- [■] Piping Sump / Trench Sensor(s). Model: 794380-851
- [■] Fill Sump Sensor(s). Model: 794380-208
- [ ] Mechanical Line Leak Detector. Model:
- [ ] Electronic Line Leak Detector. Model:
- [■] Tank/Overfill / High-Level Sensor. Model: Flapper Valve
- [ ] Other (specify equipment type and model in Section E on Page 2).

Tank ID:

- [ ] In-Tank Gauging Probe. Model:
- [ ] Annular Space or Vault Sensor. Model:
- [ ] Piping Sump / Trench Sensor(s). Model:
- [ ] Fill Sump Sensor(s). Model:
- [ ] Mechanical Line Leak Detector. Model:
- [ ] Electronic Line Leak Detector. Model:
- [ ] Tank/Overfill / High-Level Sensor. Model:
- [ ] Other (specify equipment type and model in Section E on Page 2).

Dispenser ID: Dbl Trunk

- [■] Dispenser Containment Sensor(s). Model:
- [ ] Shear Valve(s).
- [ ] Dispenser Containment Float(s) and Chain(s).

Dispenser ID:

- [ ] Dispenser Containment Sensor(s). Model:
- [ ] Shear Valve(s).
- [ ] Dispenser Containment Float(s) and Chain(s).

Dispenser ID:

- [ ] Dispenser Containment Sensor(s). Model:
- [ ] Shear Valve(s).
- [ ] Dispenser Containment Float(s) and Chain(s).

Dispenser ID:

- [ ] Dispenser Containment Sensor(s). Model:
- [ ] Shear Valve(s).
- [ ] Dispenser Containment Float(s) and Chain(s).

Dispenser ID:

- [ ] Dispenser Containment Sensor(s). Model:
- [ ] Shear Valve(s).
- [ ] Dispenser Containment Float(s) and Chain(s).

Dispenser ID:

- [ ] Dispenser Containment Sensor(s). Model:
- [ ] Shear Valve(s).
- [ ] Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. **Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; (check all that apply):** [■] System set-up [■] Alarm history report

Technician Name (print): Rich Ruston Signature:

Certification No: 5246183-vt ANSO License No: 517336

Testing Company Name: Orange County Tank Testing Phone No: (714) 778-0300

Testing Company Address: 225 N. Loara Street, Anaheim CA 92801 Date of Testing/Servicing: 10/7/2011

C 695033

D. **Results of Testing/Servicing**

Software Vers on Installed: 9.0

Complete the following checklist:

✓ Yes	No*	s the audible alarm operational?
✓ Yes	No*	Is the visual alarm operationa ?
✓ Yes	No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
✓ Yes	No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
Yes	No* ✓ N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
Yes	No* ✓ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, is is to operate, or is electrically disconnected? If yes, which sensors initiate positive shut-down? *(Check all that apply)* Sump/Trench Sensors; Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? Yes. No.
Yes	No* ✓ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed): Is the overfill warning alarm visible and audible at the fank fi points) and operating properly? If so, at what percent of tank capacity does the alarm trigger? ____ %
Yes*	✓ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
✓ Yes*	No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* Product; Water. If yes, describe causes in Section E, below.
✓ Yes	No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
✓ Yes	No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. **Comments:**

Small Amount of Water Removed at time of Inspection.

F. **In-Tank Gauging / SIR Equipment:**

Check this box if tank gauging is used only for inventory control.
Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

✓ Yes	No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
✓ Yes	No*	Were all tank gauging probes visually inspected for damage and residue buildup?
✓ Yes	No*	Was accuracy of system product level readings tested?
✓ Yes	No*	Was accuracy of system water level readings tested?
✓ Yes	No*	Were all probes reinstalled properly?
✓ Yes	No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

G. **Line Leak Detectors (LLD):** ✓ Check this box if LLDs are not installed.

Complete the following checklist:

Yes	No* N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: 3 g.p.h.; 0.1 g.p.h.; 0.2 g.p.h.
Yes	No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
Yes	No*	Was the testing apparatus properly calibrated?
Yes	No* N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
Yes	No* N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
Yes	No* N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
Yes	No* N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
Yes	No* N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
Yes	No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

H. **Comments:**

Double Wall Suction System

SWRCB, January 2006

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name: Bank Of The West	Date of Testing: 10/7/2011
Facility Address: 1977 Saturn St.	
Facility Contact: Joe	Phone: 323-727-3636
Date Local Agency Was Notified of Testing:	
Name of Local Agency Inspector *(if present during testing)*: WARREN WATANABE	

2. TESTING CONTRACTOR INFORMATION

Company Name: ORANGE COUNTY TANK TESTING
Technician Conducting Test: Rich Ruston
Credentials [1]: ☐ CSLB Contractor ■ ICC Service Tech. ☐ SWRCB Tank Tester ☐ Other *(Specify)*
License Number(s): 517336 UT

3. SPILL BUCKET TESTING INFORMATION

Test Method Used:	■ Hydrostatic ☐ Vacuum ☐ Other			
Test Equipment Used: VISUAL			Equipment Resolution:	
Identify Spill Bucket: *(By Tank Number, Stored Product, etc.)*	1 WEST FILL	2 EAST FILL	3 2K FILL	4
Bucket Installation Type:	☐ Direct Bury ■ Contained in Sump	☐ Direct Bury ■ Contained in Sump	☐ Direct Bury ■ Contained in Sump	☐ Direct Bury ☐ Contained in Sump
Bucket Diameter:	12"	12"	12"	
Bucket Depth:	15"	15"	15"	
Wait time between applying vacuum/water and start of test:	15 MIN.	15 MIN.	15 MIN.	15 MIN.
Test Start Time (T_I):	9:00A	9:00A	9:00A	
Initial Reading (R_I):	9.25"	9.5"	9.00"	
Test End Time (T_F):	10:00A	10:00A	10:00A	
Final Reading (R_F):	9.75"	9.5"	9.00"	
Test Duration ($T_F - T_I$):	1 HR.	1 HR.	1 HR	
Change in Reading ($R_F - R_I$):	-.00	-.00	-.00	
Pass/Fail Threshold or Criteria:	±.00	±.00	±.00	
Test Result:	■ **Pass** ☐ **Fail**	■ **Pass** ☐ **Fail**	■ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**

Comments - *(include information on repairs made prior to testing and recommended follow-up for failed tests)*

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

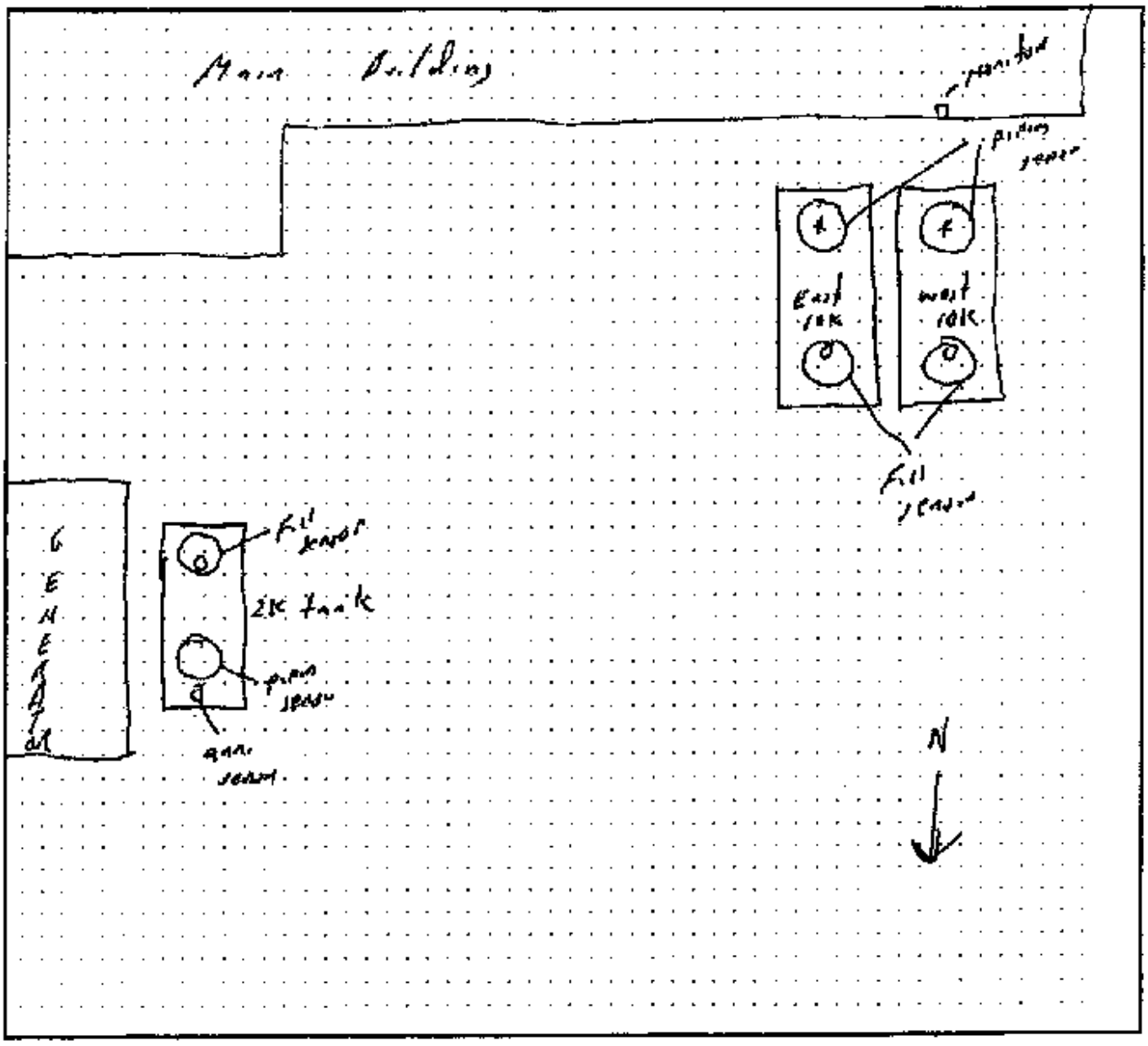
I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature: _____ Date: 10/7/11

[1] State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirement

UST Monitoring Site Plan

Site Address: 1477 Sa[illegible]



Date map was drawn: 19 July, 07

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

Orange County Tank Testing Inc.
225 N. Loara
Anaheim, Ca 92801
714-776-0300
Fax 714-778-5105

9-26-11

To: COUNTY OF L. A. / CUPA

Attn: JOE BAIOCCO

From: Larry Henry

Job Site: Bank of the West
1977 Saturn St.
Monterey Park, Ca 91755

ANNUAL MONITOR & OVERSPILL BUCKET TEST

10-07-11 @ 9:00AM

Please Confirm

Faxed 1 Page

006994 - 007311 C729707 CT51

VI

Appendix VI

(Copies of Monitoring System Certification form and UST Monitoring Plot Plan available at http://www.waterboards.ca.gov)

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code, Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification/report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A General Information

Facility Name: Bank Of The West Bldg. No:

Site Address: 1977 Saturn St City: Monterey Park Zip: 91755

Facility Contact Person: Joe Rebolo Contact Phone No: (323) 727-3636

Make/Model of Monitoring System: VEEDER-ROOT TLS350 Date of Testing/Servicing: 10/12/2012

B Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced

Tank ID: #1 Fast Diesel	Tank ID: #2 Diesel
✓ In-Tank Gauging Probe. Model: MAG 1	In-Tank Gauging Probe Model: 794380-349
Annular Space or Vault Sensor Model:	✓ Annular Space or Vault Sensor Model: 794380-208
✓ Piping Sump / Trench Sensor(s). Model: 794380-357	✓ Piping Sump / Trench Sensor(s) Model: 794380-208
✓ Fill Sump Sensor(s) Model: 794380-208	✓ Fill Sump Sensor(s) Model: 794380-208
Mechanical Line Leak Detector Model:	Mechanical Line Leak Detector Model:
Electronic Line Leak Detector Model:	Electronic Line Leak Detector Mode:
✓ Tank Overfill / High-Level Sensor Model: Flapper Valve	Tank Overfill / High-Level Sensor: Mode:
Other (specify equipment type and model in Sec. D or E on Page 2).	Other (specify equipment type and model in Section D on Page 2)
Tank ID: #2 West Diesel	**Tank ID:**
✓ In-Tank Gauging Probe. Model: MAG 1	In-Tank Gauging Probe Model:
Annular Space or Vault Sensor Model:	Annular Space or Vault Sensor Model:
✓ Piping Sump / Trench Sensor(s) Model: 794380-357	Piping Sump / Trench Sensor(s) Model:
✓ Fill Sump Sensor(s) Model: 794380-208	Fill Sump Sensor(s) Model:
Mechanical Line Leak Detector Model:	Mechanical Line Leak Detector Model:
Electronic Line Leak Detector Model:	Electronic Line Leak Detector Model:
✓ Tank Overfill / High-Level Sensor Model: Flapper Valve	Tank Overfill / High-Level Sensor Model:
Other (specify equipment type and model in Section D on Page 2).	Other (specify equipment type and model in Section D on Page 2).
Dispenser ID: DAY TANK 1-3	**Dispenser ID:**
✓ Dispenser Containment Sensor(s). Mode: Float Switch Shear Valve(s) Dispenser Containment Float(s) and Chain(s).	Dispenser Containment Sensor(s) Model: Shear Valve(s) Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	**Dispenser ID:**
Dispenser Containment Sensor(s). Mode: Shear Valve(s) Dispenser Containment Float(s) and Chain(s).	Dispenser Containment Sensor(s). Model: Shear Valve(s). Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	**Dispenser ID:**
Dispenser Containment Sensor(s). Mode: Shear Valve(s) Dispenser Containment Float(s) and Chain(s).	Dispenser Containment Sensor(s). Model: Shear Valve(s) Dispenser Containment Float(s) and Chain(s).

If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report (check all that apply): System set-up Alarm history report

Technician Name (print): Rich Rusnon Signature:

Certification No: 5245183-vt License No: 517336

Testing Company Name: Orange County Tank Testing Phone No: (714) 776-0300

Testing Company Address: 225 N. Logre Street, Anaheim, CA 92801 Date of Testing/Servicing: 10/12/2012

D. Results of Testing/Servicing

Software Version Installed: 9.00

Complete the following checklist:

✓ Yes	No*	Is the audible alarm operational?
✓ Yes	No*	Is the visual alarm operational?
✓ Yes	No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
✓ Yes	No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
Yes	No* ✓ N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
Yes	No* ✓ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes, which sensors initiate positive shutdown? (Check all that apply) Sump/Trench Sensors; Dispenser Containment Sensors. Did you confirm positive shutdown due to leaks and sensor failure/disconnection? Yes No
Yes	No* ✓ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? %
Yes*	✓ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
✓ Yes*	No	Was liquid found inside any secondary containment systems designed as dry systems? (Check all that apply) Product; ✓ Water. If yes, see Section E, below.
✓ Yes	No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set-up reports, if applicable.
✓ Yes	No*	Is all monitoring equipment operational per manufacturer's specifications?

* In Section E below, describe how and when these deficiencies were or will be corrected.

E. Comments:

* Small Amount of Liquid found in 2K Diesel Tank. Removed at time of Inspection.

* Overfill Probes tested with Sump test on this date

F. In-Tank Gauging / SIR Equipment: ☐ Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

✓ Yes ☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?	
✓ Yes ☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?	
✓ Yes ☐ No*	Was accuracy of system product level readings tested?	
✓ Yes ☐ No*	Was accuracy of system water level readings tested?	
✓ Yes ☐ No*	Were all probes reinstalled properly?	
✓ Yes ☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?	

*In the Section H, below, describe how and when these deficiencies were or will be corrected.

G. Line Leak Detectors (LLD): ✓ Check this box if LLDs are not installed.

Complete the following checklist:

☐ Yes	☐ No* ☐ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? (Check all that apply) Simulated leak rate: ☐ 3 g.p.h. ☐ 0.1 g.p.h. ☐ 0.2 g.p.h.
☐ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☐ Yes	☐ No*	Was the testing apparatus properly calibrated?
☐ Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

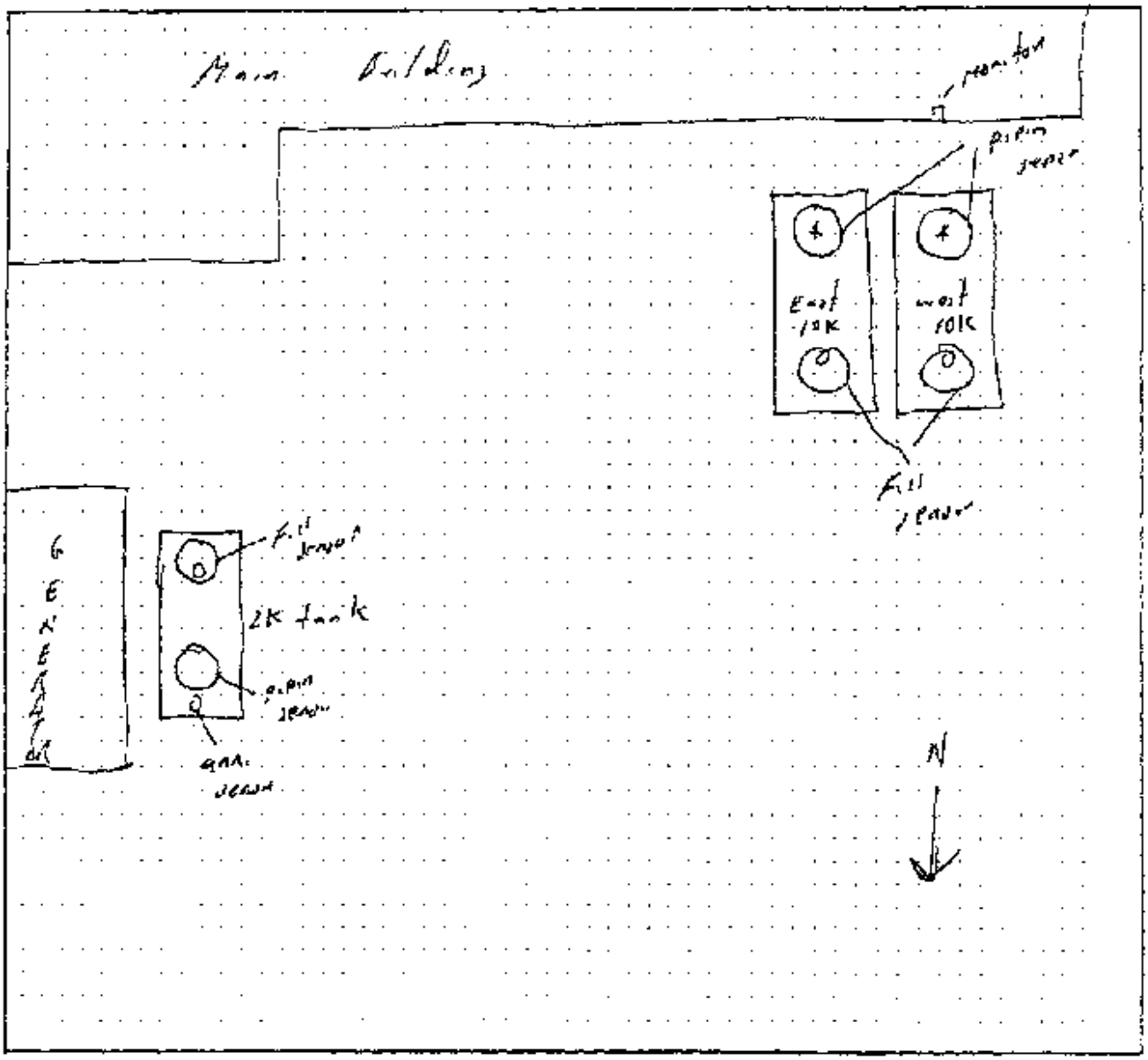
*In the Section H, below, describe how and when these deficiencies were or will be corrected.

H. Comments:

Double Wall Suction System.

UST Monitoring Site Plan

Site Address: 1977 Safeway



Date map was drawn: 10/24/07

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

Secondary Containment Testing Report Form

This form is intended for use by contractors performing periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, written test procedures, and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	Bank of the West	Date of Testing:	10/12/12
Facility Address:	1977 Saturn St, Monterey Park, CA 91755		
Facility Contact:		Phone:	
Date Local Agency Was Notified of Testing :		8/31/12 Notification # 3832	
Name of Local Agency Inspector *(if present during testing)*		Miguel Cervantes LA County Public Works	

2. TESTING CONTRACTOR INFORMATION

Company Name:	Clean Air Testing		
Technician Conducting Test:	Steven Loara		
Credentials:	x CSLB Licensed Contractor	SWRCB Licensed Tank Tester	
License Type:	C61 D40	License Number: 474291	

NOV 2012

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires
ICC	California Service Tech – 8122800-UT	4/14/14
INCON	Level 4 Sump Test System – 559 163703	4/20/14

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
W. Diesel Fill Bucket	X				2K Annular	X			
W. Diesel Fill Sump	X				2K Fill Sump		X		
W. Diesel STP Sump	X				2K STP Sump	X			
W. Diesel Secondary Supply	X				2K Sec.Supply to Day Tank	X			
W. Diesel Secondary Vent	X				2K Sec Return from Day Tank	X			
W. Diesel Secondary Return	X				2K Fill Bucket	X			
E. Diesel Fill Bucket	X				2K Vent Secondary	X			
E. Diesel Fill Sump	X								
E. Diesel STP Sump		X							
E. Diesel Secondary Supply	X								
E. Diesel Secondary Vent	X								
E. Diesel Secondary Return	X								

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

Water kept in trailer mounted tank for re-use

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: _____ Date: 10/12/12

4. TANK ANNULAR TESTING

Test Method Developed By:	☐ Tank Manufacturer	x Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	x Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: Liquid filled vacuum gauge		Equipment Resolution: 0 to-30 Hg	1/10

	Tank 2K Diesel	Tank DSL West	Tank DSL East	Tank
Is Tank Exempt From Testing?	No	Yes	Yes	
Tank Capacity:	2,000	Single Wall	Single Wall	
Tank Material:	Steel/FRP			
Tank Manufacturer:	Modern Welding			
Product Stored:	Diesel			
Wait time between applying pressure/vacuum/water and starting test:	10 Min			
Test Start Time:	12:00			
Initial Reading (R_I):	-10.1 HG			
Test End Time:	1:00			
Final Reading (R_F):	-10.1 HG			
Test Duration:	1 Hr			
Change in Reading (R_F-R_I):	0			
Pass/Fail Threshold or Criteria:	0			
Test Result:	Pass	NA	NA	
Was sensor removed for testing?	Yes			
Was sensor properly replaced and verified functional after testing?	Yes			

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] Secondary containment systems where the continuous monitoring automatically monitors both the primary and secondary containment, such as systems that are hydrostatically monitored or under constant vacuum, are exempt from periodic containment testing. (California Code of Regulations, Title 23, Section 2637(a)(6))

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer	x Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	x Pressure	☐ Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: Liquid filled pressure gauge		Equipment Resolution: 0-15 Psi 1/10	

	West supply	East Supply	West Return	East Return
Piping Material:	Fiberglass	Fiberglass	Fiberglass	Fiberglass
Piping Manufacturer:	AO Smith	AO Smith	AO Smith	AO Smith
Piping Diameter:	3"	3"	3"	3"
Length of Piping Run:	100 ft	100 ft	120 ft	120ft
Product Stored:	Diesel	Diesel	Diesel	diesel
Method and location of piping-run isolation:	W. Diesel STP Pressure	East Diesel STP Pressure	W Diesel STP Pressure	E. Diesel STP Pressure
Wait time between applying pressure/vacuum/water and starting test:	10 min	10 min	10 min	10 min
Test Start Time:	8:30	8:30	8:30	8:30
Initial Reading (R_I):	5.5 PSI	5.5 PSI	5.2 PSI	5.0 PSI
Test End Time:	9:30	9:30	9:30	9:30
Final Reading (R_F):	5.5 PSI	5.5PSI	5.2 PSI	5.0 PSI
Test Duration:	1 hour	1 hour	1 hour	1 hour
Change in Reading (R_F-R_I):	0	0	0	0
Pass/Fail Threshold or Criteria:	0	0	0	0
Test Result:	**Pass**	**Pass**	**Pass**	**Pass**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer	x Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	x Pressure	☐ Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: Liquid filled pressure gauge		Equipment Resolution: 0-15 Psi 1/10	

	East Vent	West Vent	2K Vent	
Piping Material:	Fiberglass	Fiberglass	fiberglass	
Piping Manufacturer:	AO Smith	AO Smith	AO Smith	
Piping Diameter:	3 inch	3 Inch	3 Inch	
Length of Piping Run:	100 ft	100 ft	50ft	
Product Stored:	Diesel	Diesel	Diesel	
Method and location of piping-run isolation:	Pressure E Fill Sump	Pressure W Fill Sump	Pressure 2 K fill sump	
Wait time between applying pressure/vacuum/water and starting test:	15 min	15 min	15 min	
Test Start Time:	9:30	9:30	9:30	
Initial Reading (R_I):	5.2 PSI	5.1 PSI	5.5 PSI	
Test End Time:	10:30	10:30	10:30	
Final Reading (R_F):	5.2 PSI	5.1 PSI	5.5 PSI	
Test Duration:	1 hour	1 hour	1 hour	
Change in Reading (R_F-R_I):	0	0	0	
Pass/Fail Threshold or Criteria:	0	0	0	
Test Result:	**Pass**	**Pass**	**Pass**	

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer	x Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	x Pressure	☐ Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: Liquid filled pressure gauge		Equipment Resolution: 0-15 Psi 1/10	

	2 K supply	2 K return		
Piping Material:	Fiberglass	Fiberglass		
Piping Manufacturer:	AO Smith	AO Smith		
Piping Diameter:	3 Inch	3 Inch		
Length of Piping Run:	50 ft	50 ft		
Product Stored:	Diesel	Diesel		
Method and location of piping-run isolation:	Pressure 2k STP Sump	Pressure 2k STP Sump		
Wait time between applying pressure/vacuum/water and starting test:	15 min	15 min		
Test Start Time:	11:30	11:30		
Initial Reading (R_I):	5.4 PSI	5.0 PSI		
Test End Time:	12:30	12:30		
Final Reading (R_F):	5.4 PSI	5.0 PSI		
Test Duration:	1 hour	1 hour		
Change in Reading (R_F–R_I):	0	0		
Pass/Fail Threshold or Criteria:	0	0		
Test Result	**Pass**	**Pass**		

Comments — *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

6. PIPING SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer	x Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☐ Vacuum	x Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: INCON TS-STS			Equipment Resolution: .0001

	Sump # W. DSL		Sump # E. Diesel		Sump # 2k DSL		
Sump Diameter:	40"		40"		40"		
Sump Depth:	70"		76"		50"		
Sump Material:	Fiberglass		Fiberglass		Fiberglass		
Height from Tank Top to Top of Highest Piping Penetration:	22"		24"		22"		
Height from Tank Top to Lowest Electrical Penetration:	16"		18"		19"		
Condition of sump prior to testing:	Fair		Fair		Fair		
Portion of Sump Tested[2]	2" Above Highest Penetration						
Does turbine shut down when sump sensor detects liquid (both product and water)?*	Yes		Yes		Yes		
Turbine shutdown response time	NA		NA		NA		
Is system programmed for fail-safe shutdown?*	NA		NA		NA		
Was fail-safe verified to be operational?*	NA		NA		NA		
Wait time between applying pressure/vacuum/water and starting test:	10 Min		10 Min		10 Min		
Test Start Time:	9:53	10:09	9:53	10:09	11:53	12:10	
Initial Reading (R_I):	5.4237	5.4235	5.1692	5.1417	4.4065	4.4057	
Test End Time:	10:08	10:24	10:08	10:24	12:09	12:26	
Final Reading (R_F):	5.4235	5.4240	5.1465	5.1170	4.4050	4.4045	
Test Duration:	15 Min	15 Min	15 Min	15 Min	15 Min	15 Min	
Change in Reading (R_F-R_I):	-.0002	.0005	-.0227	-.0247	-.0005	-.0012	
Pass/Fail Threshold or Criteria:	+/-.002		+/-.002		+/-.002		
Test Results	Pass		Fail		Pass		
Was sensor removed for testing?	Yes		Yes		Yes		
Was sensor properly replaced and verified functional after testing?	Yes		Yes		Yes		

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

E Diesel STP Needs 3 Penetrations- 1 Piping & 2-Electrical Fittings. Permit, Repairs, and Re-test required.

[2] If the entire depth of the sump is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire sump must be tested. (See SWRCB LG-160)

7. UNDER-DISPENSER CONTAINMENT (UDC) TESTING

Test Method Developed By:	☐ UDC Manufacturer ☐ Other *(Specify)*	x Industry Standard	☐ Professional Engineer
Test Method Used:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	x Hydrostatic
Test Equipment Used: INCON TS-STS			Equipment Resolution: .0001

	UDC #	UDC #	UDC#	UDC#
UDC Manufacturer:				
UDC Material:				
UDC Depth:				
Height from UDC Bottom to Top of Highest Piping Penetration:				
Height from UDC Bottom to Lowest Electrical Penetration:				
Condition of UDC prior to testing:				
Portion of UDC Tested[3]	2" Above Highest Penetration			
Does turbine shut down when UDC sensor detects liquid (both product and water)?*				
Turbine shutdown response time				
Is system programmed for fail-safe shutdown?*				
Was fail-safe verified to be operational?*				
Wait time between applying pressure/vacuum/water and starting test				
Test Start Time: Initial Reading (R_I):				
Test End Time: Final Reading (R_F):				
Test Duration:				
Change in Reading (R_F-R_I):				
Pass/Fail Threshold or Criteria:				
Test Result:				
Was sensor removed for testing?				
Was sensor properly replaced and verified functional after testing?				

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

NO UDC's

[3] If the entire depth of the UDC is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire UDC must be tested. (See SWRCB LG-160)

8. FILL RISER CONTAINMENT SUMP TESTING

Facility is Not Equipped With Fill Riser Containment Sumps ☐			
Fill Riser Containment Sumps are Present, but were Not Tested ☐			
Test Method Developed By:	☐ Sump Manufacturer ☐ Other *(Specify)*	x Industry Standard	☐ Professional Engineer
Test Method Used:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	x Hydrostatic
Test Equipment Used: INCON TS-STS			Equipment Resolution: .0001

	Fill Sump # W DSL		Fill Sump # R DSL		Fill Sump #2kDSL		Fill Sump #
Sump Diameter:	38"		38"		38"		
Sump Depth:	69"		70"		50"		
Height from Tank Top to Top of Highest Piping Penetration:	18"		20"		26"		
Height from Tank Top to Lowest Electrical Penetration:	16"		17"		18"		
Condition of sump prior to testing:	Fair		Fair		Fair		
Portion of Sump Tested	2" Above Highest Penetration						
Sump Material: Wait time between applying pressure/vacuum/water and starting test:	10 Min		10 Min		10 Min		
Test Start Time:	8:59	9:15	8:59	9:15	11:53	12:10	
Initial Reading (R_I):	5.4417	5.4405	3.8063	3.8062	4.8360	4.7074	
Test End Time:	9:14	9:30	9:14	9:30	12:09	10:26	
Final Reading (R_F):	5.4413	5.4399	3.8062	3.8060	4.7318	4.6190	
Test Duration:	15 Min	15 Min	15 Min	15 Min	15 Min	15 Min	
Change in Reading (R_F-R_I):	-.0004	-.0006	-.0001	-.0002	-.1042	-.0884	
Pass/Fail Threshold or Criteria:	+/-.002		+/-.002		+/-.002		
Test Results:	Pass		Pass		Fail		
Is there a sensor in the sump?	Yes		Yes		Yes		
Does the sensor alarm when either product or water is detected?	NA		NA		NA		
Was sensor removed for testing?	Yes		Yes		Yes		
Was sensor properly replaced and verified functional after testing?	Yes		Yes		Yes		

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

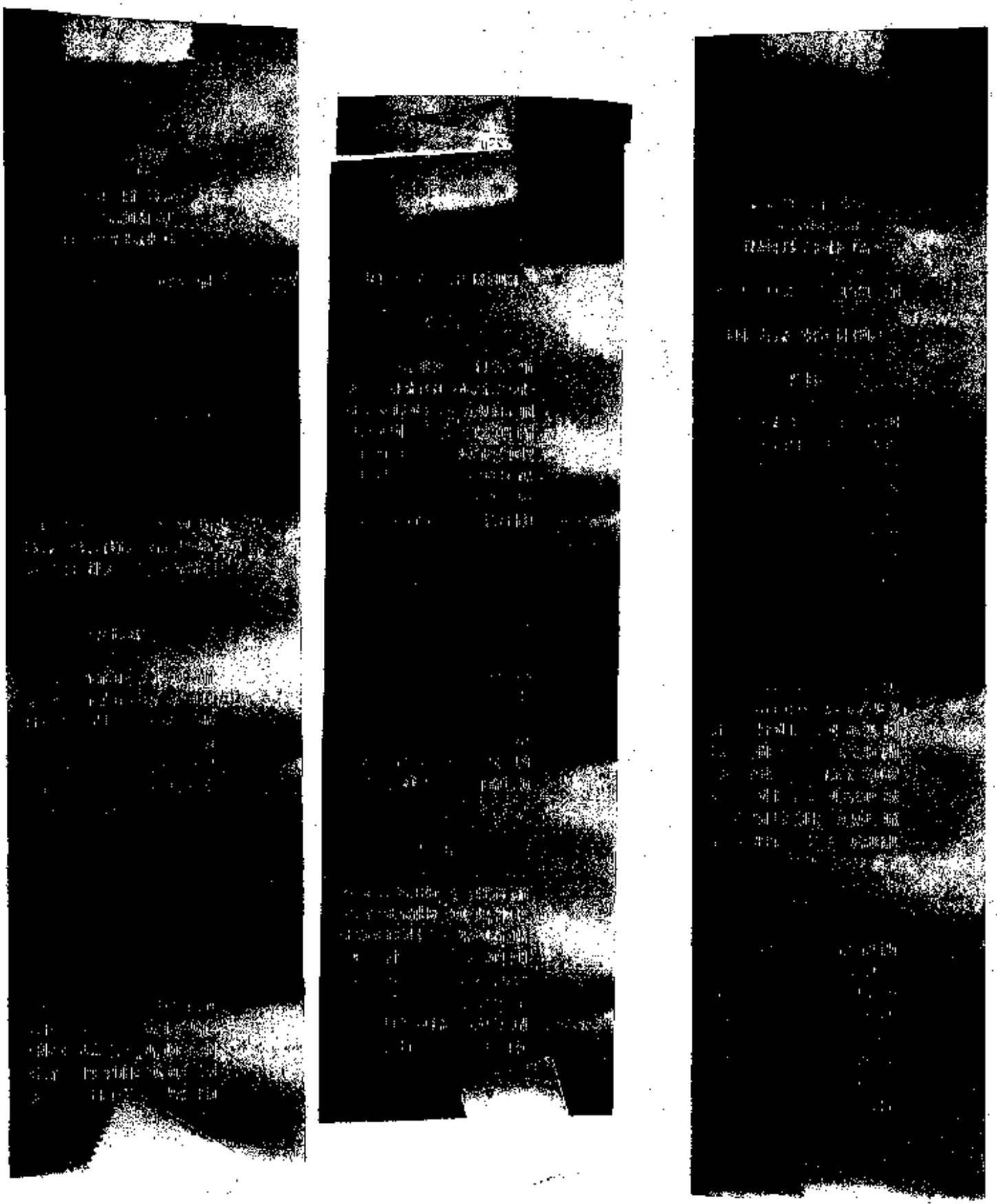
2K fill needs to replace 2 piping & 2-electrical penetration fittings. Permits, Repairs, & Re-test will be required.

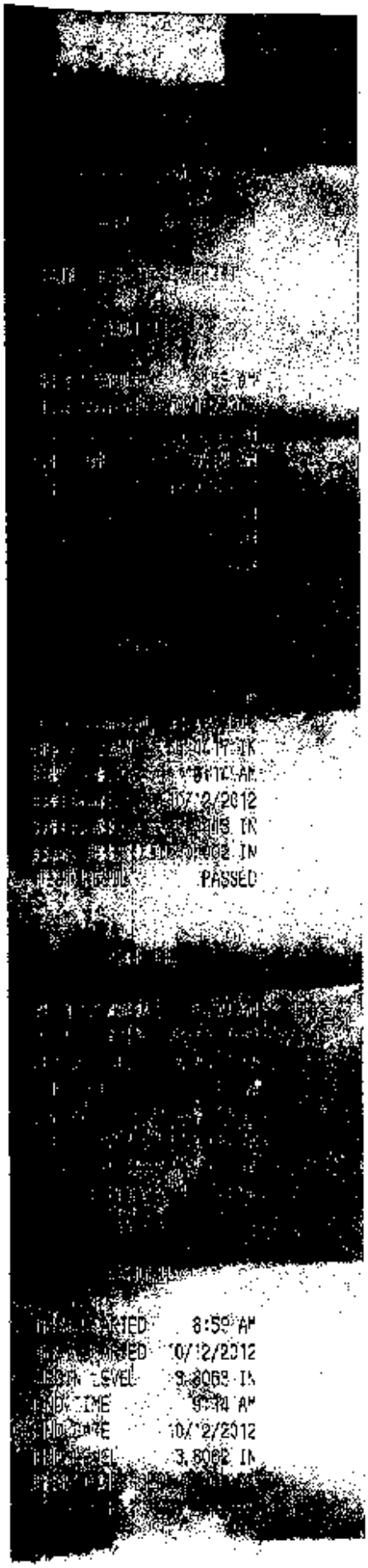
9. SPILL/OVERFILL CONTAINMENT BOXES

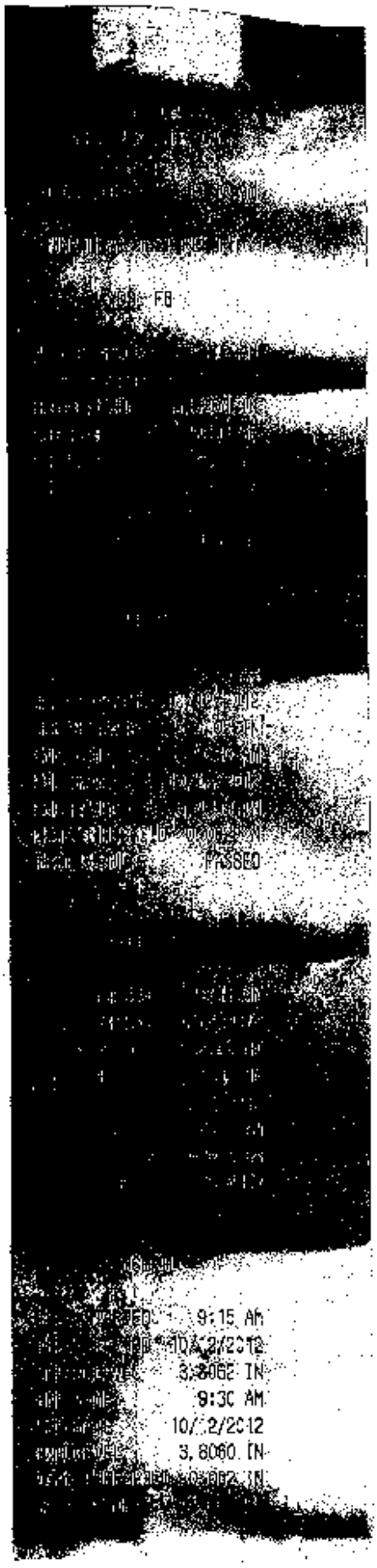
Facility is Not Equipped With Spill/Overfill Containment Boxes ☐			
Spill/Overfill Containment Boxes are Present, but were Not Tested ☐			
Test Method Developed By:	☐ Spill Bucket Manufacturer ☐ Other *(Specify)*	x Industry Standard	☐ Professional Engineer
Test Method Used:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	x Hydrostatic
Test Equipment Used: INCON TS-STS		Equipment Resolution: .0001	

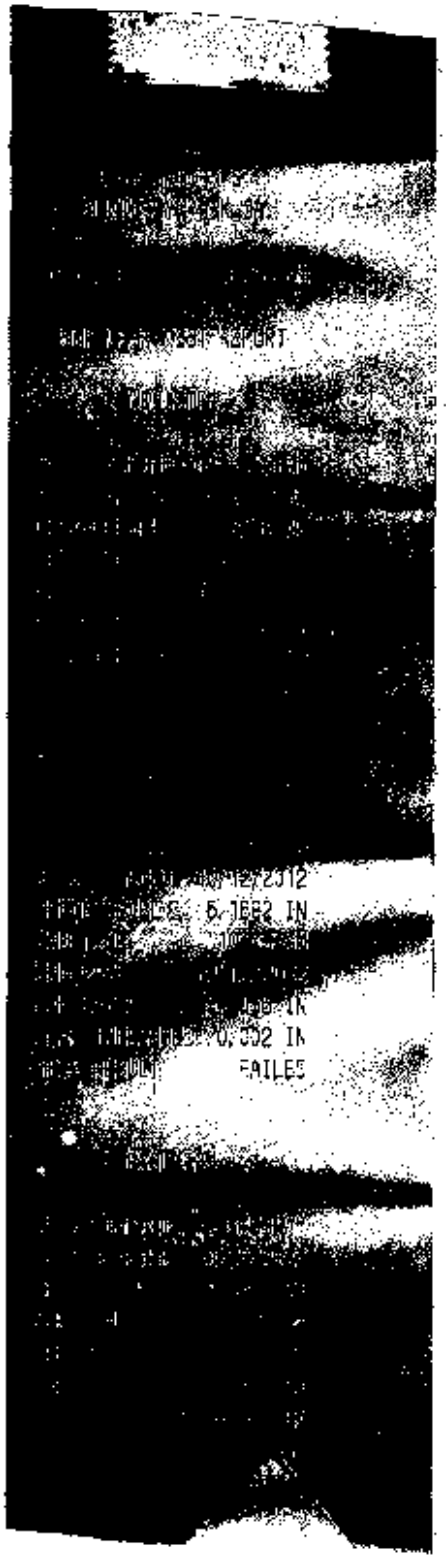
	Spill Box # E DSL		Spill Box # W Diesel		Spill Box # 2K DSL		
Bucket Diameter:	12"		12"		12"		
Bucket Depth:	13"		13"		13"		
Wait time between applying pressure/vacuum/water and starting test:	10 Min		10 Min		10 Min		
Test Start Time:	9:53	10:09	8 59	9:15	11:53	12:10	
Initial Reading (R_I):	4.1094	4.1092	6 5208	6.5204	5.0095	5.0088	
Test End Time:	10:08	10:24	9:14	9 30	12:09	12:26	
Final Reading (R_F):	4.1092	4.1091	6.5205	6.5202	5.0089	5.0074	
Test Duration:	15 Min	15 Min	15 Min	15 Min	15 Min	15 Min	
Change in Reading (R_F-R_I):	-.0002	-.0001	-.0003	-.0002	-.0006	-.0014	
Pass/Fail Threshold or Criteria:	+/-.002		+/-.002		+/-.002		
Test Result:	**Pass**		**Pass**		**Pass**		

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*




PASSED
8:59 AM
10/12/2012
3.8063 IN
9:10 AM
10/12/2012
3.8062 IN


PASSED
9:15 AM
10/12/2012
3.8062 IN
9:30 AM
10/12/2012
3.8060 IN


FAILED

06694 - 007311 C792050

Owner Statements of Designated Underground Storage Tank (UST) Operator and Understanding of and Compliance with UST Requirements

Facility Name: Bank of The West	Facility ID #:
Facility Address: 1977 Saturn Ave Monterey Park, CA	Reason for Submitting this Form (*Check One*)
Facility Phone #:	X Change of Designated Operator Update Certificate Expiration Date

Designated UST Operator(s) for this Facility

PRIMARY

Designated Operator's Name: MARTIN SCHWARTZ	Relation to UST Facility (*Check One*)
Business Name: ORANGE COUNTY TANK TESTING, INC	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: 714 776 0300	☐ Service Technician X Third Party
International Code Council Certification #: 5311570-UC	Expiration Date: 10-20-14

ALTERNATE 1 *(Optional)*

Designated Operator's Name: RICHARD RUSTON	Relation to UST Facility (*Check One*)
Business Name (*If different from above*): OCTT	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: 714 776-0300	☐ Service Technician X Third-Party
International Code Council Certification #: 5246183-UC	Expiration Date: 10-22-2014

ALTERNATE 2 *(Optional)*

Designated Operator's Name: TONY JONES	Relation to UST Facility (*Check One*)
Business Name (*If different from above*): OCTT	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: 714 776 0300	☐ Service Technician X Third-Party
International Code Council Certification #: 5252936-UC	Expiration Date: 1-06-13

I certify that, for the facility indicated at the top of this page, the individual(s) listed above will serve as Designated UST Operator(s). The individual(s) will conduct and document monthly facility inspections and annual facility employee training, in accordance with California Code of Regulations, title 23, section 2715(c) - (f).

Furthermore, I understand and am in compliance with the requirements (statutes, regulations, and local ordinances) applicable to underground storage tanks.

NAME OF TANK OWNER (Please Print): TRINIDAD STELLA

SIGNATURE OF TANK OWNER: Trinidad Stella

DATE: 11-20-12 OWNER'S PHONE #: 323 727 3017

NOTE: 1) SUBMIT THIS COMPLETED FORM TO THE LOCAL AGENCY (NOT THE STATE WATER RESOURCES CONTROL BOARD) BY JANUARY 1, 2005. THE LOCAL AGENCY LIST IS AVAILABLE AT: www.waterboards.ca.gov/ust/cupa-contacts-cupa_zip.html

2) NOTIFY THE LOCAL AGENCY OF ANY CHANGES TO THIS INFORMATION WITHIN 30 DAYS OF THE CHANGE.

November 2004

RECEIVED

OCT 23 2013

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS

906944-007311

C759682

CES

Appendix VI

(Copies of Monitoring System Certification Form and UST Monitoring Plot Plan available at http://www.waterboards.ca.gov)

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: Bank Of The West Bldg No.

Site Address: 1977 Saturn St. City: Monterey Park Zip: 91755

Facility Contact Person: Joe Robelo Contact Phone No.: (323) 727-3636

Make/Model of Monitoring System: Veeder-Root TLS350 Date of Testing/Servicing: 10/11/2013

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: #1 EAST DIESEL	Tank ID: #2 DIESEL
☑ In-Tank Gauging Probe — Model: MAG1	☐ In-Tank Gauging Probe — Model:
☐ Annular Space or Vault Sensor — Model:	☑ Annular Space or Vault Sensor — Model: 794390-354
☑ Piping Sump / Trench Sensor(s) — Model: 794380-354	☑ Piping Sump / Trench Sensor(s) — Model: 794380-208
☑ Fill Sump Sensor(s) — Model: 794380-208	☐ Fill Sump Sensor(s) — Model: 794380-208
☐ Mechanical Line Leak Detector — Model:	☐ Mechanical Line Leak Detector — Model:
☐ Electronic Line Leak Detector — Model:	☐ Electronic Line Leak Detector — Model:
☑ Tank Overfill / High-Level Sensor — Model: FLAPPER VALVE	☐ Tank Overfill / High-Level Sensor — Model:
☐ Other (specify equipment type and model in Section E on Page 2)	☐ Other (specify equipment type and model in Section E on Page 2)
Tank ID: #2 WEST DIESEL	Tank ID:
☑ In-Tank Gauging Probe — Model: MAG1	☐ In-Tank Gauging Probe — Model:
☐ Annular Space or Vault Sensor — Model:	☐ Annular Space or Vault Sensor — Model:
☑ Piping Sump / Trench Sensor(s) — Model: 794380-354	☐ Piping Sump / Trench Sensor(s) — Model:
☑ Fill Sump Sensor(s) — Model: 794380-208	☐ Fill Sump Sensor(s) — Model:
☐ Mechanical Line Leak Detector — Model:	☐ Mechanical Line Leak Detector — Model:
☐ Electronic Line Leak Detector — Model:	☐ Electronic Line Leak Detector — Model:
☑ Tank Overfill / High-Level Sensor — Model: FLAPPER VALVE	☐ Tank Overfill / High-Level Sensor — Model:
☐ Other (specify equipment type and model in Section E on Page 2)	☐ Other (specify equipment type and model in Section E on Page 2)
Dispenser ID: NONE	Dispenser ID:
☐ Dispenser Containment Sensor(s) — Model:	☐ Dispenser Containment Sensor(s) — Model:
☐ Shear Valve(s)	☐ Shear Valve(s)
☐ Dispenser Containment Float(s) and Chain(s)	☐ Dispenser Containment Float(s) and Chain(s)
Dispenser ID:	Dispenser ID:
☐ Dispenser Containment Sensor(s) — Model:	☐ Dispenser Containment Sensor(s) — Model:
☐ Shear Valve(s)	☐ Shear Valve(s)
☐ Dispenser Containment Float(s) and Chain(s)	☐ Dispenser Containment Float(s) and Chain(s)
Dispenser ID:	Dispenser ID:
☐ Dispenser Containment Sensor(s) — Model:	☐ Dispenser Containment Sensor(s) — Model:
☐ Shear Valve(s)	☐ Shear Valve(s)
☐ Dispenser Containment Float(s) and Chain(s)	☐ Dispenser Containment Float(s) and Chain(s)

If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturer's guidelines. Attached to this Certification is information (e.g. manufacturer's checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; (check all that apply): ☐ System set-up ☐ Alarm history report

Technician Name (print): Rich Ruston Signature:

Certification No.: 5246183-UST-A32KO License No.: 517338

Testing Company Name: Orange County Tank Testing Phone No.: (714) 778-0300

Testing Company Address: 225 N. Loara Street, Anaheim, CA 92801 Date of Testing/Servicing: 10/11/2013

2/21/07

D. Results of Testing/Servicing

Software Version Installed: 9.00

Complete the following checklist:

✓ Yes	No*	Is the audible alarm operational?
✓ Yes	No*	Is the visual alarm operational?
✓ Yes	No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
✓ Yes	No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
Yes	No* ✓ N/A	If alarms are relayed to a remote monitoring station, is all communication equipment (e.g. modem) operational?
Yes	No* ✓ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes, which sensors initiate positive shut-down? *(Check all that apply)* Sump/Trench Sensors; Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failures set to operate? Yes No
Yes	No* ✓ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? %
Yes*	✓ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
Yes*	✓ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* Product; Water. If yes, describe causes in Section E, below.
✓ Yes	No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set-up reports, if applicable.
✓ Yes	No*	Is all monitoring equipment operational per manufacturer's specifications?

* In Section E below, describe how and when these deficiencies were or will be corrected.

E. Comments:

F. **In-Tank Gauging / SIR Equipment:** Check this box if tank gauging is used only for inventory control. Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

✓ Yes	No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
✓ Yes	No*	Were all tank gauging probes visually inspected for damage and residue buildup?
✓ Yes	No*	Was accuracy of system product level readings tested?
✓ Yes	No*	Was accuracy of system water level readings tested?
✓ Yes	No*	Were all probes reinstalled properly?
✓ Yes	No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

G. **Line Leak Detectors (LLD).** ✓ Check this box if LLDs are not installed.

Complete the following checklist:

Yes	No* N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? (Check all that apply) Simulated leak rate: 3 g p h 0.1 g p h 0.2 g p h
Yes	No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
Yes	No*	Was the testing apparatus properly calibrated?
Yes	No* N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
Yes	No* N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
Yes	No* N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
Yes	No* N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
Yes	No* N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
Yes	No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

H. **Comments:**

Double Wall Suction System for Emergency Generators

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name: Bank Of The West	Date of Testing: 10/11/2013
Facility Address: 1977 Saturn St	
Facility Contact: Joe	Phone: 323-727 3636
Date Local Agency Was Notified of Testing:	
Name of Local Agency Inspector *(If present during testing)*:	

2. TESTING CONTRACTOR INFORMATION

Company Name: ORANGE COUNTY TANK TESTING	
Technician Conducting Test: Rich Ruston	
Credentials [1]: ☑ CSLB Contractor ☑ ICC Service Tech. ☐ SWRCB Tank Tester ☐ Other *(Specify)*	
License Number(s): 517336	5246183-UC

3. SPILL BUCKET TESTING INFORMATION

Test Method Used: ☑ Hydrostatic ☐ Vacuum ☐ Other

Test Equipment Used: Visual — Equipment Resolution:

Identify Spill Bucket *(By Tank Manifold, Stored Product, etc.)*	1 W. Diesel	2 E. Diesel	3 ZK Diesel	4
Bucket Installation Type:	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☐ Contained in Sump
Bucket Diameter	12"	12"	12"	
Bucket Depth:	14"	14"	13"	
Wait time between applying vacuum/water and start of test:	15 MIN.	15 MIN.	15 MIN.	15 MIN.
Test Start Time (T_S):	9:00	9:00	9:00	
Initial Reading (R_I):	13.5"	12.5"	11.75"	
Test End Time (T_E):	10:00	10:00	10:00	
Final Reading (R_F):	13.5"	12.5"	11.75"	
Test Duration ($T_E - T_S$):	1HR.	1HR	1HR	
Change in Reading ($R_F - R_I$):	-.00	-.00	-.00	
Pass/Fail. Threshold or Criteria:	± .00	± .00	± .00	
Test Result:	☑ Pass ☐ Fail	☑ Pass ☐ Fail	☑ Pass ☐ Fail	☐ Pass ☐ Fail

Comments *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

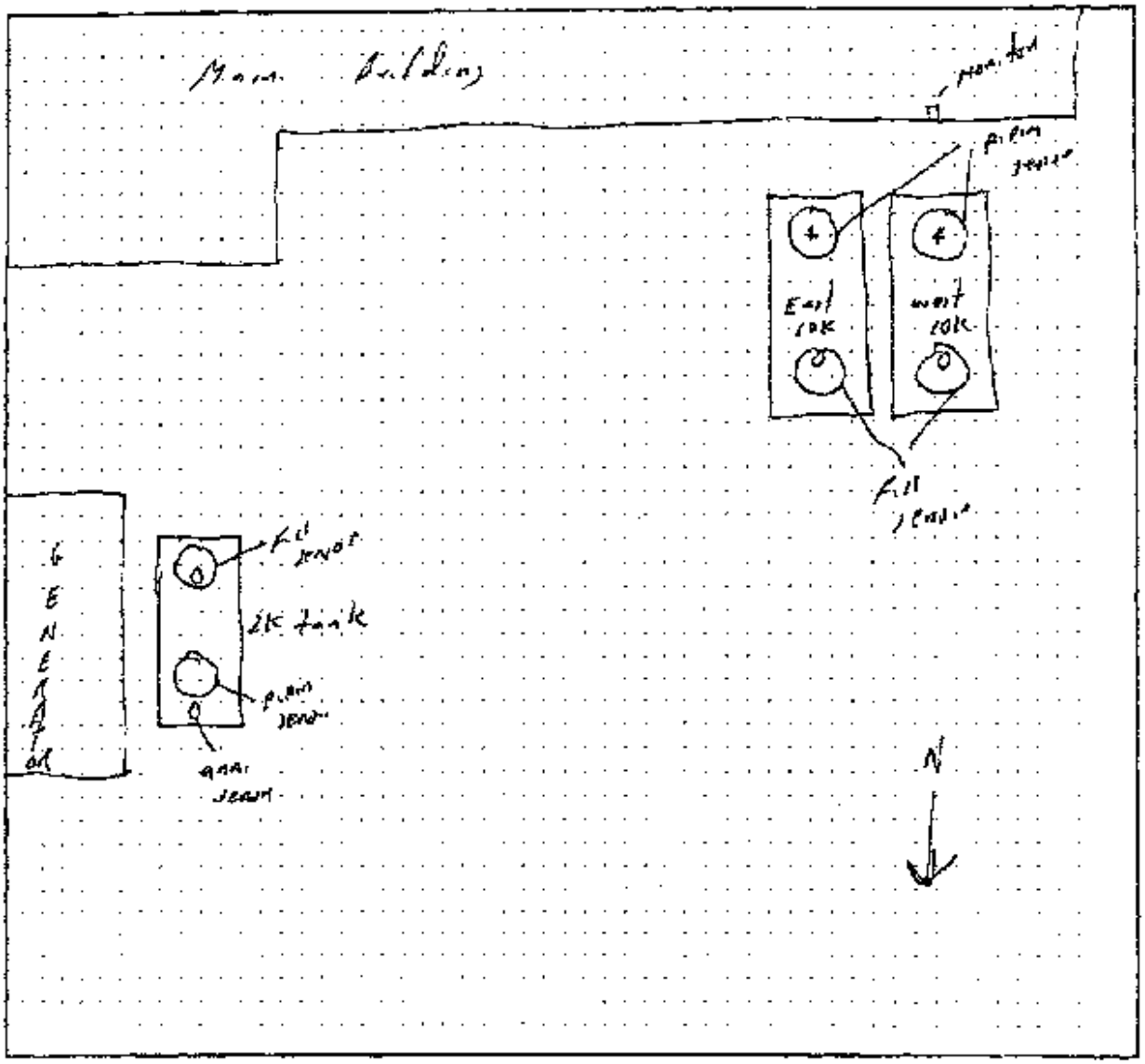
I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature: _____ Date: 10/11/13

[1] State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirement may be more stringent.

UST Monitoring Site Plan

Site Address: 1477 Salinas



Date map was drawn: 11/24/07

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: in-tank monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

SYSTEM SETUP
- - - - - - - - - - - - - - -
OCT 11, 2013 2:40 PM

SYSTEM UNITS
 U.S.
SYSTEM LANGUAGE
 ENGLISH

BANK OF THE WEST
1977 SATURN CIRCUIT
MONTEREY PARK,CA

SHIFT TIME 1 : 6:00 AM
SHIFT TIME 2 : DISABLED
SHIFT TIME 3 : DISABLED
SHIFT TIME 4 : DISABLED

PERIODIC TEST WARNINGS
DISABLED
ANNUAL TEST WARNINGS
DISABLED

SYSTEM SECURITY
CODE : 000000

PRINT TC VOLUMES
ENABLED

TEMP COMPENSATION
VALUE (DEG F):   60.0

COMMUNICATIONS SETUP
- - - - - - - - - - - - - - -

PORT SETTINGS:

NONE FOUND

RS-232 SECURITY
CODE : CCCCCC

AUTO PUT END OF MESSAGE
DISABLED

IN-TANK SETUP
- - - - - - - - - - - - - - -

T 1:DIESEL PAST TANK
PRODUCT CODE   :   1
THERMAL COEFF   : 0.000450
TANK DIAMETER   : 92.00
TANK PROFILE   : 4 PTS
        FULL VOL :   9728
  69.0 INCH VOL :   7810
  46.0 INCH VOL :   4864
  23.0 INCH VOL :   1818

FLOAT SIZE: 4.0 INCHES

RS-232 END OF MESSAGE
DISABLED

IN-TANK SETUP

T 1:DIESEL EAST TANK
PRODUCT CODE : 1
THERMAL COEFF : .000456
TANK DIAMETER : 92.00
TANK PROFILE : 4 PTS
FULL VOL : 9738
69.0 INCH VOL : 7910
46.0 INCH VOL : 4864
23.0 INCH VOL : 1818

FLOAT SIZE: 4.0 INCHES

WATER WARNING : 1.5
HIGH WATER LIMIT: 2.0

MAX OR LABEL VOL: 9720
OVERFILL LIMIT : 90%
: 8755
HIGH PRODUCT : 95%
: 9241
DELIVERY LIMIT : 20%
: 1946

LOW PRODUCT : 1000
LEAK ALARM LIMIT: 50
S.SUDDN LOSS LIMIT: 50
TANK TILT : 0.00

MANIFOLDED TANKS
TK: NONE

LEAK MIN ANNUAL : 0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: ON

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 5 MIN

T 2:DIESEL WEST TANK
PRODUCT CODE : 2
THERMAL COEFF : .000460
TANK DIAMETER : 92.00
TANK PROFILE : 4 PTS
FULL VOL : 9720
69.0 INCH VOL : 7910
46.0 INCH VOL : 4864
23.0 INCH VOL : 1818

FLOAT SIZE: 4.0 INCHES

WATER WARNING : 1.5
HIGH WATER LIMIT: 2.0

MAX OR LABEL VOL: 9720

```
THERMAL COEFF    : 0.000450
TANK DIAMETER    :  92.00
TANK PROFILE     :  4 PTS
        FULL VOL :  9728
   69.0 INCH VOL :  7910
   46.1 INCH VOL :  4864
   23.0 INCH VOL :  1819


FLOAT SIZE:    4.0 INCHES

WATER WARNING    :    1.5
HIGH WATER LIMIT:    2.0

MAX OR LABEL VOL:   9720
OVERFILL LIMIT   :    90%
                 :   8755
HIGH PRODUCT     :    95%
                 :   9241
DELIVERY LIMIT   :    20%
                 :   1945

LOW PRODUCT      :   1000
LEAK ALARM LIMIT:     50
SUDDEN LOSS LIMIT:    50
TANK TILT        :   0.00

MANIFOLDED TANKS
T#: NONE

LEAK MIN MANUAL  :      0

PERIODIC TEST TYPE
                    STANDARD

ANNUAL TEST FAIL
              ALARM DISABLED

PERIODIC TEST FAIL
              ALARM DISABLED

CROSS TEST FAIL
              ALARM DISABLED

ANN TEST AVERAGING:  OFF
PER TEST AVERAGING:  OFF

TANK TEST NOTIFY:     ON

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY   :  5 MIN


LEAK TEST METHOD
- - - - - - - - - - - - - -
TEST MONTHLY : ALL TANK
WEEK 1   WED
START TIME : 10:00 AM
TEST RATE  :0.20 GAL/HR
DURATION   : 2  HOURS


LEAK TEST REPORT FORMAT
                  NORMAL
```

[illegible] SENSOR SETUP

L 1:DAY TANK 1
NORMALLY CLOSED
CATEGORY : DISPENSER PAN

L 2:DAY TANK 2
NORMALLY CLOSED
CATEGORY : DISPENSER PAN

L 3:DAY TANK 3
NORMALLY CLOSED
CATEGORY : DISPENSER PAN

L 4:QK PIPING SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

L 5:QK FILL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

L 7:QK FILL SUMP WEST
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

L 9:QK FILL SUMP EAST
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

2 WIRE CL SENSOR SETUP

C 1:DIESEL EAST TANK
ULTRA 2
CATEGORY : PIPING SUMP

C 2:DIESEL WEST TANK
ULTRA 2
CATEGORY : PIPING SUMP

C 3:QK ANNULAR SPACE
ULTRA 2
CATEGORY : ANNULAR SPACE

CATEGORY : ANNULAR SPACE

OUTPUT RELAY SETUP

SOFTWARE REVISION LEVEL
VERSION 9.00
SOFTWARE# 346009-100-0
CREATED - 95.08.28.11.25

NO SOFTWARE MODULE
SYSTEM FEATURES:
PERIODIC IN-TANK TESTS
ANNUAL IN-TANK TESTS

ALARM HISTORY REPORT

----- SYSTEM ALARM -----
PAPER OUT
JUL 11, 2013 9:50 AM
PRINTER ERROR
JUL 11, 2013 9:58 AM

----- SYSTEM ALARM -----
PAPER OUT
JUL 11, 2013 9:58 AM
PRINTER ERROR
JUL 11, 2013 9:58 AM
BATTERY IS OFF
JAN 1, 1995 8:00 AM

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 1:DIESEL EAST TANK

HIGH WATER ALARM
OCT 11, 2013 2:35 PM
OCT 11, 2013 10:21 AM
OCT 11, 2013 9:53 AM

OVERFILL ALARM
DEC 9, 2008 11:09 AM
OCT 24, 2008 10:34 AM
OCT 16, 1999 2:54 AM

LOW PRODUCT ALARM
MAY 7, 2012 8:45 AM
OCT 24, 2009 10:33 AM
MAY 2, 2008 12:39 PM

HIGH PRODUCT ALARM
OCT 24, 2008 10:34 AM
FEB 24, 1999 12:56 PM

INVALID FUEL LEVEL
OCT 11, 2013 10:21 AM
OCT 11, 2013 9:57 AM
OCT 11, 2013 9:54 AM

PROBE OUT
OCT 11, 2013 2:34 PM
OCT 11, 2013 2:29 PM
OCT 11, 2013 2:25 PM

HIGH WATER WARNING
OCT 11, 2013 2:35 PM
OCT 11, 2013 10:21 AM
OCT 11, 2013 9:53 AM

DELIVERY NEEDED
MAY 7, 2013 12:22 PM
MAY 7, 2013 8:45 AM
OCT 24, 2009 10:33 AM

TANK TEST ACTIVE
OCT 2, 2013 10:00 AM
SEP 4, 2013 10:00 AM
AUG 7, 2013 10:00 AM

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 2:DIESEL WEST TANK

HIGH WATER ALARM
OCT 11, 2013 9:41 AM
OCT 12, 2012 10:29 AM
OCT 12, 2012 9:29 AM

OVERFILL ALARM
APR 30, 2009 11:13 AM

[illegible]
OCT 12, 2012 10:29 AM
OCT 12, 2012 9:22 AM

OVERFILL ALARM
APR 30, 2009 11:13 AM
DEC 5, 2008 11:07 AM
OCT 24, 2008 10:34 AM

LOW PRODUCT ALARM
MAY 7, 2012 11:12 AM
JUN 14, 2006 10:17 AM

HIGH PRODUCT ALARM
OCT 24, 2008 10:34 AM

INVALID FUEL LEVEL
DEC 5, 2008 10:21 AM
JUN 14, 2006 10:18 AM

PROBE OUT
OCT 11, 2012 9:40 AM
OCT 11, 2012 9:40 AM
MAY 7, 2012 10:19 AM

HIGH WATER WARNING
OCT 11, 2012 9:41 AM
OCT 12, 2012 10:29 AM
OCT 12, 2012 9:22 AM

DELIVERY NEEDED
OCT 12, 2012 9:22 AM
MAY 7, 2012 11:12 AM
MAY 2, 2008 12:44 PM

TANK TEST ACTIVE
OCT 2, 2012 10:00 AM
SEP 4, 2012 10:00 AM
AUG 7, 2012 10:00 AM

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 3:

ALARM HISTORY REPORT

..... SENSOR ALARM ...
1 1:DAY TANK 1
DISPENSER PAN
FUEL ALARM
OCT 11, 2012 9:04 AM

FUEL ALARM
OCT 11, 2012 8:44 AM

FUEL ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

ALARM HISTORY REPORT

----- SENSOR ALARM -----
1 6:DAY TANK 2
DISPENSER PAN
FUEL ALARM
OCT 11, 2013 8:04 AM

FUEL ALARM
OCT 11, 2013 8:45 AM

FUEL ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
1 6:DAY TANK 2
DISPENSER PAN
FUEL ALARM
OCT 11, 2013 9:14 AM

FUEL ALARM
OCT 11, 2013 8:45 AM

FUEL ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

SENSOR ALARM
1 4:2K PIPING SUMP
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 8:53 AM

SENSOR OUT ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

SENSOR ALARM
1 5:2K FILL SUMP
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 8:54 AM

SENSOR OUT ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
1 DSK ANNULAR SPACE
ANNULAR SPACE
FUEL ALARM
OCT 24, 2008 11:58 AM

SENSOR OUT ALARM
OCT 24, 2008 11:57 AM

FUEL ALARM
OCT 24, 2008 11:57 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
1 DSK FILL SUMP WEST
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:02 AM

FUEL ALARM
OCT 11, 2013 9:01 AM

SENSOR OUT ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
1 DSK FILL SUMP EAST
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 8:59 AM

FUEL ALARM
MAY 7, 2013 10:13 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
2 DIESEL EAST TANK
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 8:59 AM

FUEL ALARM
OCT 12, 2012 9:58 AM

- - SENSOR ALARM
1 8:10K FILL SUMP EAST
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:06 AM

FUEL ALARM
OCT 11, 2013 8:59 AM

FUEL ALARM
MAY 7, 2013 10:15 AM

ALARM HISTORY REPORT

----- SENSOR ALARM
2 1:DIESEL EAST TANK
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 8:59 AM

FUEL ALARM
OCT 10, 2012 9:53 AM

ALARM HISTORY REPORT

-- -- SENSOR ALARM -----
2 1:DIESEL WEST TANK
PIPING SUMP
SENSOR OUT ALARM
OCT 11 2013 9:03 AM

- - - - -1
2013 AM

FUEL ALARM
MAY 6, 2013 - - - - AM

ALARM HISTORY REPORT

- - - - SENSOR ALARM -----
2 3:2K ANNULAR SPACE
ANNULAR SPACE
SENSOR OUT ALARM
OCT 11, 2013 9:00 AM

FUEL ALARM
OCT 11, 2013 8:57 AM

FUEL ALARM - - - - - -

006994 - 007311 C76128

STORAGE TANK CERTIFICATE OF INSURANCE TO DEMONSTRATE FINANCIAL RESPONSIBILITY STATE OF CALIFORNIA

Facility Name and Address:
Monterey Park Service Center (Data Center) located at 1977 Saturn Street in Monterey Park, CA 91755

Insurer Name and Address:
ACE American Insurance Company c/o ACE Environmental Risk, P.O. Box 1000, 436 Walnut Street WA07A, Philadelphia, PA 19106

Policy Number: UST G27168747 001

RECEIVED

NOV 06 2013

DEPARTMENT OF PUBLIC WORKS ENVIRONMENTAL PROGRAM

Policy Period:
From 12:01am December 5, 2012 to 12:01am December 5, 2013

Insured Name and Address:
Bank of the West located at 2527 Camino Ramon NC-B07-2L-I in San Ramon, CA 94583

I. The Insurer, as identified above, hereby certifies that it has issued liability insurance covering the following Underground Storage Tanks:

Facility	Identification No.	Number of Tanks
Monterey Park Service Center (Data Center)	N/A	3

for taking corrective action and/or compensating third parties for bodily injury and property damage caused by either sudden accidental releases or non-sudden accidental releases or accidental releases in accordance with and subject to the limits of liability, exclusions, conditions, and other terms of the Policy arising from operating the underground storage tanks identified above.

The Limits of Liability are:

a.	$1,000,000	Each Occurrence
b.	$2,000,000	Annual Aggregate

exclusive of legal defense costs, which are subject to a separate limit under the policy. This coverage is provided under policy number UST G27168747 001. The effective date of said policy is December 5, 2012

II. The Insurer further certifies the following with respect to the insurance described in Paragraph I:

A. Bankruptcy or insolvency of the insured shall not relieve the Insurer of its obligations under the Policy to which this certificate applies.

B. The Insurer is liable for the payment of amounts within any deductible applicable to the Policy to the provider of corrective action or a damaged third party, with a right of reimbursement by the insured for any such payment made by the Insurer. This provision does not apply with respect to that amount of any deductible for which coverage is demonstrated under another mechanism or combination of mechanisms as specified in 40 CFR 280.95-280.102.

C. Whenever requested by a Director of an implementing agency, the Insurer agrees to furnish to the Director a signed duplicate original of the Policy and all endorsements.

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D. Cancellation or any other termination of the Insurance by the Insurer, except for non-payment of premium or misrepresentation by the Insured will be effective only upon written notice and only after the expiration of 60 days after a copy of such written notice is received by the Insured. Cancellation for non-payment of premium or misrepresentation by the Insured will be effective only upon written notice and only after expiration of a minimum of 10 days after a copy of such written notice is received by the Insured.

E. The Insurance covers claims otherwise covered by the Policy that are reported to the Insurer within six months of the effective date of cancellation or non-renewal of the Policy except where the new or renewed Policy has the same Retroactive Date or a Retroactive Date earlier than that of the prior policy, and which arise out of any covered occurrence that commenced after the Policy Retroactive Date, if applicable, and prior to such renewal or termination date. Claims reported during such extended reporting period are subject to the terms, conditions, limits, including limits of liability, and exclusions of the Policy.

I hereby certify that the wording of this instrument is identical to the wording in 40 CFR 280.97 (b) (2) and that the Insurer is eligible to provide insurance as an excess or surplus lines insurer in one or more states

Authorized Agent

William P. Hazelton
Name

Sr. Vice President - ACE Environmental Risk
Title

436 Walnut Street, Philadelphia, PA 19106
Address

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006994-007311

NOV 2014

CTES

C 791471

Appendix VI

(Copies of Monitoring System Certification form and UST Monitoring Plot Plan available at http://www.waterboards.ca.gov.)

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: Bank Of The West Bldg. No: _____

Site Address: 1977 Saturn St. City: Monterey Park Zip: 91755

Facility Contact Person: Joe Robelo Contact Phone No.: (323) -727-3636

Make/Model of Monitoring System: Veeder-Root TLS 350 Date of Testing/Servicing: 10/10/2014

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: #1 Diesel EAST TANK ☑ In-Tank Gauging Probe. Model: MAG ☐ Annular Space or Vault Sensor. Model: _____ ☑ Piping Sump / Trench Sensor(s). Model: 794390-357 ☑ Fill Sump Sensor(s). Model: 794380-208 ☐ Mechanical Line Leak Detector. Model: _____ ☐ Electronic Line Leak Detector. Model: _____ ☑ Tank Overfill / High-Level Sensor. Model: Flapper Valve ☐ Other (specify equipment type and model in Section E on Page 2).	Tank ID: 2K Diesel ☐ In-Tank Gauging Probe. Model: _____ ☑ Annular Space or Vault Sensor. Model: 794390-357 ☑ Piping Sump / Trench Sensor(s). Model: 794380-208 ☑ Fill Sump Sensor(s). Model: 794380-208 ☐ Mechanical Line Leak Detector. Model: _____ ☐ Electronic Line Leak Detector. Model: _____ ☐ Tank Overfill / High-Level Sensor. Model: _____ ☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID: #2 Diesel WEST TANK ☑ In-Tank Gauging Probe. Model: MAG ☐ Annular Space or Vault Sensor. Model: _____ ☑ Piping Sump / Trench Sensor(s). Model: 794390-357 ☑ Fill Sump Sensor(s). Model: 794380-208 ☐ Mechanical Line Leak Detector. Model: _____ ☐ Electronic Line Leak Detector. Model: _____ ☑ Tank Overfill / High-Level Sensor. Model: Flapper Valve ☐ Other (specify equipment type and model in Section E on Page 2).	Tank ID: _____ ☐ In-Tank Gauging Probe. Model: _____ ☐ Annular Space or Vault Sensor. Model: _____ ☐ Piping Sump / Trench Sensor(s). Model: _____ ☐ Fill Sump Sensor(s). Model: _____ ☐ Mechanical Line Leak Detector. Model: _____ ☐ Electronic Line Leak Detector. Model: _____ ☐ Tank Overfill / High-Level Sensor. Model: _____ ☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: Dsl Tank 1-3 ☑ Dispenser Containment Sensor(s). Model: Float Sensor [redacted] ☑ Dispenser Containment Float(s) and Chain(s).	Dispenser ID: _____ ☐ Dispenser Containment Sensor(s). Model: _____ ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: _____ ☐ Dispenser Containment Sensor(s). Model: _____ ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	Dispenser ID: _____ ☐ Dispenser Containment Sensor(s). Model: _____ ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: _____ ☐ Dispenser Containment Sensor(s). Model: _____ ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	Dispenser ID: _____ ☐ Dispenser Containment Sensor(s). Model: _____ ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).

* If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. **Certification** - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; (check all that apply): ☑ System set-up ☐ Alarm history report

Technician Name (print): Rich Ruston Signature: _____

Certification No: 5246183-UST A30050 License No: 517336

Testing Company Name: Orange County Tank Testing Phone No.: (714) 776-0300

Testing Company Address: 225 N. Loara Street, Anaheim, CA 92801 Date of Testing/Servicing: 10/10/2014

D. Results of Testing/Servicing

Software Version Installed: 9.00

Complete the following checklist:

✓ Yes	☐ No*	Is the audible alarm operational?
✓ Yes	☐ No*	Is the visual alarm operational?
✓ Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
✓ Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No* ✓ N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
☐ Yes	☐ No* ✓ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes, which sensors initiate positive shut-down? *(Check all that apply)* ☐ Sump/Trench Sensors; ☐ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☐ Yes; ☐ No.
☐ Yes	☐ No* ✓ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? ____%.
☐ Yes*	✓ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
☐ Yes*	✓ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product; ☐ Water. If yes, describe causes in Section E, below.
✓ Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable.
✓ Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments:

Double Wall Safe Suction System for Emergency Generators

F. **In-Tank Gauging / SIR Equipment:**

☐ Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☑ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☑ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☑ Yes	☐ No*	Was accuracy of system product level readings tested?
☑ Yes	☐ No*	Was accuracy of system water level readings tested?
☑ Yes	☐ No*	Were all probes reinstalled properly?
☑ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. **Line Leak Detectors (LLD):** ☑ Check this box if LLDs are not installed.

Complete the following checklist:

☐ Yes	☐ No* ☐ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: ☐ 3 g.p.h.; ☐ 0.1 g.p.h.; ☐ 0.2 g.p.h.
☐ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☐ Yes	☐ No*	Was the testing apparatus properly calibrated?
☐ Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. **Comments:**

Double Wall Steel Suction System.

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name: Bank Of The West	Date of Testing: 10/10/2014
Facility Address: 1977 Saturn St.	
Facility Contact: Joe Robello	Phone: 323-727-3636
Date Local Agency Was Notified of Testing:	
Name of Local Agency Inspector *(if present during testing)*	

2. TESTING CONTRACTOR INFORMATION

Company Name: ORANGE COUNTY TANK TESTING	
Technician Conducting Test: Rich Ruston	
Credentials[1]: ☐ CSLB Contractor ☑ ICC Service Tech. ☑ SWRCB Tank Tester ☐ Other *(Specify)*	
License Number(s): 517336 524182-UT	

3. SPILL BUCKET TESTING INFORMATION

Test Method Used: ☑ Hydrostatic ☐ Vacuum ☐ Other

Test Equipment Used: Visual — Equipment Resolution:

Identify Spill Bucket: *(By Tank Number, Stored Product, etc.)*	1 W. Diesel Fill	2 E. Diesel Fill	3	4
Bucket Installation Type:	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☐ Contained in Sump	☐ Direct Bury ☐ Contained in Sump
Bucket Diameter	12"	12"		
Bucket Depth:	14"	14"		
Wait time between applying vacuum/water and start of test:	15 MIN.	15 MIN.	15 MIN	15 MIN
Test Start Time (T_i):	9:00	9:00		
Initial Reading (R_i):	13.25"	12.75		
Test End Time (T_f):	10:00	10:00		
Final Reading (R_f):	13.25"	12.75		
Test Duration ($T_f - T_i$):	1HR	1HR		
Change in Reading ($R_f - R_i$):	-.00	-.00		
Pass/Fail Threshold or Criteria:	±.00	±.00		
Test Result:	☑ Pass ☐ Fail	☑ Pass ☐ Fail	☐ Pass ☑ Fail	☐ Pass ☐ Fail

Comments - *(include information on repairs made prior to testing, and recommended follow up for failed tests)*

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

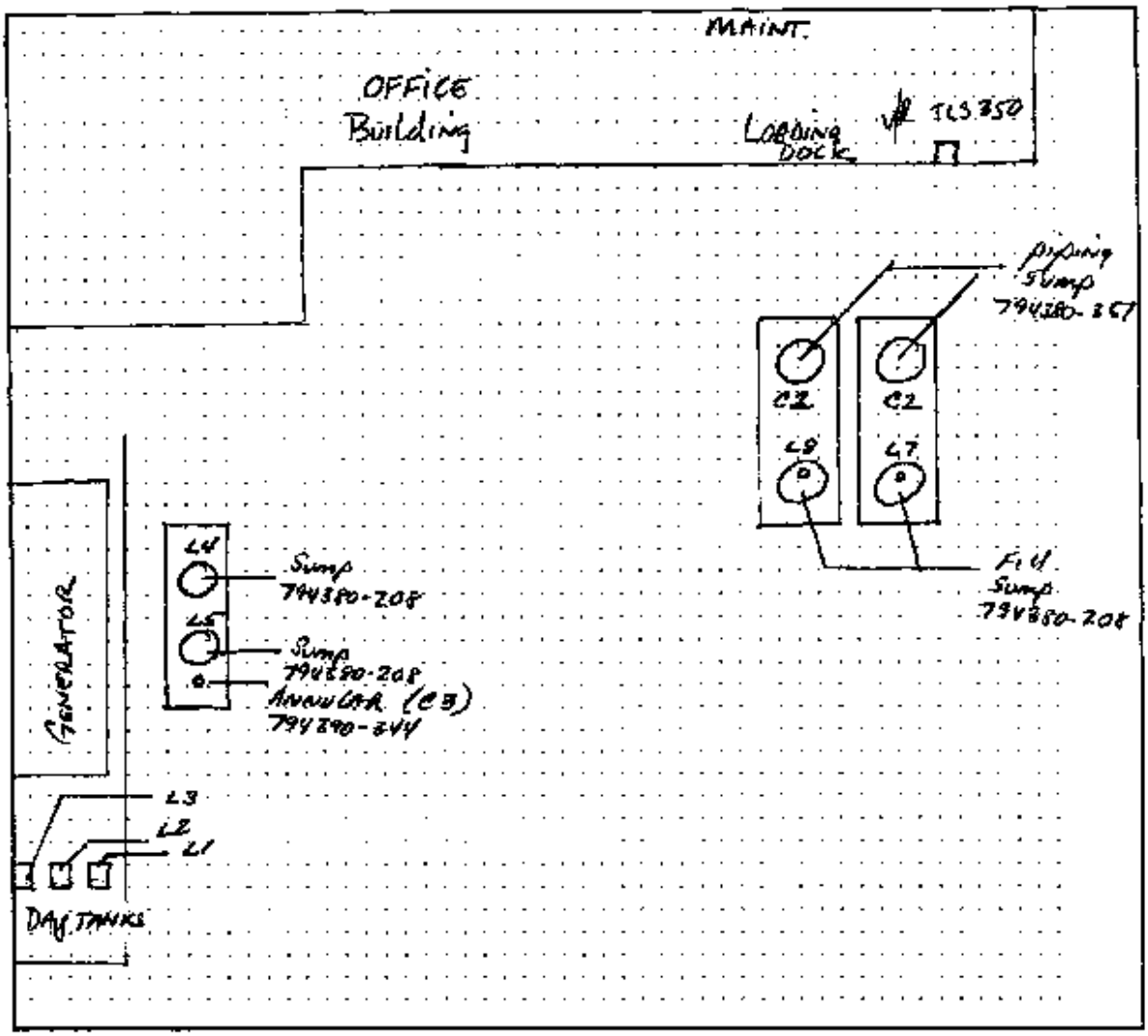
I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature: _____ Date: 10/10/14

[1]State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirements may be more stringent.

UST Monitoring Site Plan

Site Address: 1977 Saturn St., Monterey Park, California 91755



Date map was drawn 10 / 10 / 14

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels, sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

T 2:DIESEL WEST TANK
PRODUCT CODE : 2
THERMAL COEFF : .000450
TANK DIAMETER : 92.00
TANK PROFILE : 4 PTS
FULL VOL : 9728
69.0 INCH VOL : 7910
46.0 INCH VOL : 4863
23.0 INCH VOL : 1819

FLOAT SIZE: 4.0 INCHES

WATER WARNING : 1.5
HIGH WATER LIMIT: 2.0

MAX GR LABEL VOL: 9728
OVERFILL LIMIT : 90%
: 8755
HIGH PRODUCT : 95%
: 9241
DELIVERY LIMIT : 20%
: 1945

LOW PRODUCT : 1000
LEAK ALARM LIMIT: 50
SUDDEN LOSS LIMIT: 50
TANK TILT : 0.00

MANIFOLDED TANKS
T#: NONE

LEAK MIN ANNUAL : 0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: ON

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 5 MIN

COMMUNICATIONS SETUP

PORT SETTINGS:

NONE FOUND

RS-232 SECURITY
CODE : 000000

RS-232 END OF MESSAGE
DISABLED

IN-TANK SETUP

T 1:DIESEL EAST TANK
PRODUCT CODE : 1
THERMAL COEFF : .000450
TANK DIAMETER : 92.00
TANK PROFILE : 4 PTS
FULL VOL : 9728
69.0 INCH VOL : 7910
46.0 INCH VOL : 4864
23.0 INCH VOL : 1818

FLOAT SIZE: 4.0 INCHES

WATER WARNING : 1.5
HIGH WATER LIMIT: 2.0

MAX GR LABEL VOL: 9728
OVERFILL LIMIT : 90%
: 8755
HIGH PRODUCT : 95%
: 9241
DELIVERY LIMIT : 20%
: 1945

LOW PRODUCT : 1000
LEAK ALARM LIMIT: 50
SUDDEN LOSS LIMIT: 50
TANK TILT : 0.00

MANIFOLDED TANKS
T#: NONE

LEAK MIN ANNUAL : 0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: ON

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 5 MIN

SYSTEM SETUP

OCT 10, 2014 8:38 AM

SYSTEM UNITS
U.S.
SYSTEM LANGUAGE
ENGLISH

BANK OF THE WEST
1977 SATURN STREET
MONTEREY PARK,CA

SHIFT TIME 1 : 6:00 AM
SHIFT TIME 2 : DISABLED
SHIFT TIME 3 : DISABLED
SHIFT TIME 4 : DISABLED

PERIODIC TEST WARNINGS
DISABLED
ANNUAL TEST WARNINGS
DISABLED

SYSTEM SECURITY
CODE : 000000

PRINT TC VOLUMES
ENABLED

TEMP COMPENSATION
VALUE (DEG F) : 60.0

2 WIRE CL SENSOR SETUP

2 1:DIESEL EAST TANK
ULTRA 2
CATEGORY : PIPING SUMP

2 2:DIESEL WEST TANK
ULTRA 2
CATEGORY : PIPING SUMP

2 3:2K ANNULAR SPACE
ULTRA 2
CATEGORY : ANNULAR SPACE

OUTPUT RELAY SETUP

SOFTWARE REVISION LEVEL
VERSION 9.00
SOFTWARE# 346009-100-A
CREATED - 95.08.28.11.25

NO SOFTWARE MODULE
SYSTEM FEATURES:
PERIODIC IN-TANK TESTS
ANNUAL IN-TANK TESTS

LEAK TEST METHOD

TEST MONTHLY : ALL TANK
WEEK 1 WED
START TIME : 10:00 AM
TEST RATE :0.20 GAL/HR
DURATION : 2 HOURS

LEAK TEST REPORT FORMAT
NORMAL

LIQUID SENSOR SETUP

L 1:DAY TANK 1
NORMALLY CLOSED
CATEGORY : DISPENSER PAN

L 2:DAY TANK 2
NORMALLY CLOSED
CATEGORY : DISPENSER PAN

L 3:DAY TANK 3
NORMALLY CLOSED
CATEGORY : DISPENSER PAN

L 4:2K PIPING SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

L 5:2K FILL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

L 7:10K FILL SUMP WEST
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

L 8:10K FILL SUMP EAST
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

ALARM HISTORY REPORT

----- IN-TANK ALARM -----

T 2:DIESEL WEST TANK

HIGH WATER ALARM
OCT 11, 2013 9:41 AM
OCT 12, 2012 10:29 AM
OCT 12, 2012 9:22 AM

OVERFILL ALARM
APR 30, 2009 11:13 AM
DEC 5, 2008 11:07 AM
OCT 24, 2008 10:54 AM

LOW PRODUCT ALARM
MAY 8, 2014 9:15 AM
MAY 7, 2012 11:12 AM
JUN 14, 2006 10:17 AM

HIGH PRODUCT ALARM
OCT 24, 2008 10:34 AM

INVALID FUEL LEVEL
DEC 5, 2008 10:21 AM
JUN 14, 2006 10:18 AM

PROBE OUT
MAY 8, 2014 9:15 AM
OCT 11, 2013 9:43 AM
OCT 11, 2013 9:40 AM

HIGH WATER WARNING
OCT 11, 2013 9:41 AM
OCT 12, 2012 10:29 AM
OCT 12, 2012 9:22 AM

DELIVERY NEEDED
MAY 8, 2014 9:15 AM
OCT 12, 2012 9:22 AM
MAY 7, 2012 11:12 AM

TANK TEST ACTIVE
OCT 1, 2014 10:00 AM
SEP 3, 2014 10:00 AM
AUG 6, 2014 10:00 AM

ALARM HISTORY REPORT

---- IN-TANK ALARM --

T 1:DIESEL EAST TANK

HIGH WATER ALARM
MAY 8, 2014 9:18 AM
OCT 11, 2013 2:25 PM
OCT 11, 2013 10:21 AM

OVERFILL ALARM
DEC 5, 2008 11:09 AM
OCT 24, 2008 10:54 AM
OCT 10, 1995 2:54 AM

LOW PRODUCT ALARM
MAY 7, 2012 8:45 AM
OCT 24, 2008 10:30 AM
MAY 2, 2008 12:39 PM

HIGH PRODUCT ALARM
OCT 24, 2008 10:34 AM
FEB 24, 1999 12:55 PM

INVALID FUEL LEVEL
OCT 11, 2013 10:21 AM
OCT 11, 2013 9:57 AM
OCT 11, 2013 9:54 AM

PROBE OUT
MAY 8, 2014 9:27 AM
OCT 11, 2013 3:34 PM
OCT 11, 2013 2:29 PM

HIGH WATER WARNING
MAY 8, 2014 9:18 AM
OCT 11, 2013 2:25 PM
OCT 11, 2013 10:21 AM

DELIVERY NEEDED
MAY 8, 2014 9:27 AM
MAY 7, 2013 12:22 PM
MAY 7, 2012 9:45 AM

TANK TEST ACTIVE
OCT 1, 2014 10:00 AM
SEP 3, 2014 10:00 AM
AUG 6, 2014 10:00 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 4:2K PIPING SUMP
PIPING SUMP
SENSOR CUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 9:53 AM

SENSOR CUT ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 1:DAY TANK 1
DISPENSER PAN
FUEL ALARM
OCT 11, 2013 9:04 AM

FUEL ALARM
OCT 11, 2013 9:04 AM

FUEL ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 5:2K FILL SUMP
PIPING SUMP
SENSOR CUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 9:54 AM

SENSOR CUT ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 2:DAY TANK 2
DISPENSER PAN
FUEL ALARM
OCT 11, 2013 9:04 AM

FUEL ALARM
OCT 11, 2013 9:45 AM

FUEL ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 6:2K ANNULAR SPACE
ANNULAR SPACE
FUEL ALARM
OCT 24, 2008 11:53 AM

SENSOR OUT ALARM
OCT 24, 2008 11:57 AM

FUEL ALARM
OCT 24, 2008 11:57 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 3:DAY TANK 3
DISPENSER PAN
FUEL ALARM
OCT 11, 2013 9:04 AM

FUEL ALARM
OCT 11, 2013 9:46 AM

FUEL ALARM
OCT 12, 2012 11:05 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
C 2:01DIESEL WEST TANK
PIPING SUMP
FUEL ALARM
JUL 8, 2014 2:02 PM

FUEL ALARM
JUL 8, 2014 11:47 AM

FUEL ALARM
JUL 8, 2014 11:23 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
C 3:12K ANNULAR SPACE
ANNULAR SPACE
SENSOR OUT ALARM
OCT 11, 2013 9:38 AM

FUEL ALARM
OCT 11, 2013 9:57 AM

FUEL ALARM
OCT 12, 2012 9:37 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 7:10K FILL SUMP WEST
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 9:01 AM

SENSOR OUT ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 9:10K FILL SUMP EAST
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 8:59 AM

FUEL ALARM
MAY 7, 2013 10:[illegible] AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
C 1:DIESEL EAST TANK
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 8:59 AM

FUEL ALARM
OCT 12, 2012 9:03 AM

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
"To Enrich Lives Through Effective And Caring Service"
www.CleanLA.com

ENVIRONMENTAL PROGRAMS DIVISION
NOTICE OF VIOLATION ORDER TO COMPLY

Date _____ Permit _____

Owner/Operator _____ Site/Fac _____

Site Name _____ Violation # _____

Site Address _____ City, Zip _____

Mailing Address _____ City, Zip _____

A recent inspection of your facility revealed the following conditions and/or practices relating to hazardous materials underground storage tanks (USTs) which are violations of California Health and Safety Code (CH&SC) Chapter 6.7; Los Angeles County Code (LACC), Title 11, Division 4 and/or the conditions and limitations of the above permit.

YOU ARE HEREBY DIRECTED to submit to the office indicated below, the following items checked:

☐ **OPERATING WITHOUT A CERTIFIED / OPERATING MONITORING SYSTEM – CH&SC 25293**

YOU ARE HEREBY DIRECTED to have the monitoring system and the USTs certified immediately and the results received by this office no later than 7 Days from the date of this Notice or the contents of all underground storage tank systems are to be removed within this time period.

☐ **MISSING TEST RESULTS** – Test must be conducted and results received by this office.

- ☐ Secondary Containment Testing
- ☐ Tank Integrity Testing
- ☐ Corrosion Protection Certification
- ☐ API 2161 Testing
- ☐ Line Testing
- ☐ Line Leak Detection Testing
- ☐ Financial Responsibility Certification
- ☐ Owner Statement of Designated Operator
- ☐ Facility Employee Training
- ☐ Missing Designated Operator Monthly Form
- ☐ Monitoring/Response Plan
- ☐ _____
- ☐ _____
- ☐ _____

☐ **UNREGISTERED TANKS – CH&SC 25286**

☐ **OPERATING WITHOUT A PERMIT DUE TO A CHANGE OF OWNERSHIP – CH&SC 25284 (c)**

- ☐ Complete and sign the Transfer of Ownership Application (yellow form).
- ☐ An application fee of $_____ payable to the County of Los Angeles Department of Public Works.
- ☐ Verify that all Unified Program (UP) form data is accurate and uploaded to the California Environmental Reporting System (CERS) https://cersbusiness.calepa.ca.gov/Account/SignIn?ReturnUrl=%2f, including all UP UST Facility Information data, UP UST Tank Information data, for each UST and UST Monitoring Plan data (You must include the Board of Equalization Number.)
- ☐ Complete and sign the Certificate of Financial Responsibility Form.
- ☐ completed and signed Response Plan
- ☐ completed and signed Owner Statement of Designated Operator
- ☐ Provide Monitoring System Certification which is current (performed within the last 12 months).

☐ **OUT OF SERVICE UNDERGROUND STORAGE TANKS – CH&SC 25298**

Immediately remove all residual liquids, solids, or sludge stored within the USTs to a legal disposal facility. Provide copy of proof of legal disposal.

- ☐ Complete, and sign the Application for Closure.
- ☐ An Application for Closure fee of $_____ payable to the County of Los Angeles Department of Public Works.
- ☐ Complete and sign Permit Application Supplemental Notice to File.
- ☐ Verify that all Unified Program (UP) form data is accurate and uploaded to the California Environmental Reporting System (CERS) https://cersbusiness.calepa.ca.gov/Account/SignIn?ReturnUrl=%2f, including all UP UST Facility Information data, UP UST Tank Information data, for each UST, and UST Monitoring Plan data (You must include the Board of Equalization Number)
- ☐ Complete and sign the Certificate of Financial Responsibility Form.
- ☐ An Operating Permit Application fee of $_____ payable to the County of Los Angeles, Department of Public Works.
- ☐ Submit an Annual Permit Maintenance fee of $_____ payable to the County of Los Angeles Department of Public Works.

YOU ARE FURTHER DIRECTED to submit to the office below evidence of compliance with the above directives by no later than fifteen (15) days from the date on this Notice, unless otherwise directed above. Failure to comply with the Underground Storage Tank laws and regulations may subject you to a civil penalty of not less than $500 or more than $5,000, or by one year in county jail or both. Additionally pursuant to LACC Title 1, § 1.25.040, each violation of any provision of this Code and each separate offense is subject to an administrative fine up to $1,000 for each separate day during which any violation occurs or continues. Furthermore, a noncompliance fee may be imposed to recover the cost incurred by this Department in the enforcement of LACC.

If you have any questions regarding this matter, please contact _____, [ ] Monday through Friday, 9 a.m. to 5:30 p.m. or [ ] Monday through Thursday, 7 a.m. to 5:30 p.m. at ( ) _____.

Inspected By: _____
Signature

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
EAST LOS ANGELES DISTRICT OFFICE
4801 E. 3RD STREET
LOS ANGELES, CA 90022-1001

Receipt of a copy of this report acknowledged by _____

Print Name	Title:
Signature:	Date:

```
TRANS: INSP                    EMS INSPECTION DISPLAY/UPDATE                OPER: WSOT41
 PROG: PWO160                                                               10/10/14 14:34:41

   ACTION: B (A)DD  (C)HANGE  (D)ELETE  (B)ROWSE  #(S)EC # BROWSE:
   FILE #: 036994 007311 NAME: BANK OF THE WEST                    SIC: M  STAT: PERM
 STAMP #: 1977  FR:       TR:      NAME: SATURN                    S.T: SJ   DM:
     CITY: MONTEREY PARK              ZIP: 91755 7418  AREA: BK  TEL: 323 727 3696
  INSP #: I 000788451    INSP TYPE: T SCHE    INSP DT: 050014   INSP DISP: FOL1
  ASSC #: P 000056947  ASSC # TYPE: T C     ASSC # DT: 060995 ASSC # DISP: PERM

INSP PROC: USE_ANNUAL      BANK PROG          SELF MONT: _

 INSP INFO: SINGLE-WALL_UST_(S)_&_DOUBLE_WALLED_UST_(S)_____  .  __
            EMERGENCY_GENERATOR_TANKS          .__________  .__________

  RESULTS: NOVC_ISSUED_FOR_FAILED_SS999_DATED_10/12/12.REVOKE_PERMIT_STILL_PEND
           ING.NO_CERS_UPLOAD.BANK_IS_NOW_NOT_IN_COUNTY_TO_MONITOR_IN._____
           # OF VIOLS FOUND:   0                  COMPLY DT:

ASSIGN DT: 093014              DUE DT: 103014          ASSIGN TO: 47913  WW____
 START DT:  . .              COMP DT: 101014            COMP BY: 47913  WW
 EMS LINK: HTTP://PWTX304/CSHMSEPDUSCRESULTS.ASP?DOCNO=000788451&DOCTYPE=INSP
                                          LAST USAS/DATE/OPER: INSP 1010.4 E507141
 MORE ENTRIES ON NEXT PAGE
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COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
"To Enrich Lives Through Effective And Caring Service"
ENVIRONMENTAL PROGRAMS DIVISION
UNDERGROUND STORAGE TANK INSPECTION REPORT

www.CleanLA.com

Date 10-10-14
Site Name BANK OF THE WEST
Street Address 1977 SATURN ST
Facility Contact JOE REYES
Phone No. 323-722-3636

Permit Number 5594T
Site-File Number UU6994-UU7311
City/Zip Code MONTEREY PARK CA. 91755
Inspection Number 788451
Inspected By WARREN LOTANAKE

Refer to Title 23 of the California Code of Regulations (CCR), Chapters 6.7 of the Health and Safety Code (CHSC).

CERS ID # 10268183

The following Code sections are either in violation (V) of, or in compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable (N).

	Tank ID	Tank ID	Tank ID	Tank ID	Tank ID
	001	002	003		
Tank Manufacturer	MID VALLEY	OLIVERS	OLIVERS		
Contents	DIESEL	DIESEL	DIESEL		
Install Date	08/01/91	01/01/80	01/01/80		
Size	2K	10K	10K		

	TYPE ID	INSPECTION ITEM	V	C	N	V	C	N	V	C	N	V	C	N	V	C	N
		ADMINISTRATION/DOCUMENTATION															
1	2010001	Current BOE number submitted to the CUPA and/or CERS? UU6183		V			C				N						
2	2030021	Facility has a valid permit to operate from the CUPA?		V			C				N						
3	2010007	Financial Responsilbity current and on file? (exp. 12/05/14)		V			C				N						
4	2010010A	Submitted an accurate CUPA UST Operating Permit Application for Facility Information?		V			C				N						
5	2010010B	Submitted an accurate CUPA UST Operating Permit Application for Tank Information?		V			C				N						
6	2030011A	Has statement of UST compliance certification been submitted?		V			C				N						
7	2030011B	Has designated operator current certification been submitted?		V			C				N						
8	2010003	Has the owner/operator designated a UST operator?		V			C				N						
9	2030014A	Owner/operator received approval for a training program at an unstaffed facility?		V			C				N						
10	2030014B	Owner/operator implemented the approved training program?		V			C				N						
11	2030037	Did they submit an owner/operator agreement?		V			C				N						
12	2030041	A complete and accurate plot plan has been submitted, approved and maintained?		V			C				N						
13	2030046	A complete and accurate response plan has beeen submitted, approved and maintained?		V			C				N						
14	2030007	Did they submit and maintain documentation regarding positive statement of compatibility for UST system components?		V			C				N						
15	2010008D	Have they maintained written performance claims pertaining to release detection systems and calibration and maintenance records for such systems for 5 years?		V			C				N						
16	2030068	Was enhanced leak detection testing conducted for the double-walled UST systems located within 1,000 feet of a public drinking water well?		V			C				N						
17	2030066	Was appropriate action taken to repair and retest any component of a double-walled UST system that is leaking liquid or vapor which is discovered from an enhanced leak detection test for UST system located within 1,000 feet of a public drinking water well?		V			C				N						
18	2030067	ELD testing conducted every 36 months on USTs located within 1,000 feet of a public drinking well? (singlewalled components)		V			C				N						
19	2010008A	Have they maintained records of repairs, lining, and upgrades for life of UST?															
20	2010008B	Have they maintained written monitoring and maintenance records for 3 years?															
21	2010008C	Have they maintained cathodic protection records for 6 1/2 years?															
22	2030033	Is an approved monitoring plan maintained on-site?															
23	2030002A	Has monitoring system been certified annually? 10/10/14															
24	2030002B	Monitoring System Certification submitted within thirty days?															
25	2030055	Have spill buckets been tested annually? 10/10/14															
26	2060016	Was secondary containment testing conducted at installation?															
27	2030047	Secondary containment maintained tight and has been confirmed by testing? 10/12/12															
28	2030048A	Was secondary containment testing conducted within 6 months of install/repair?															
29	2030048B	Has Secondary Containment Testing been conducted every 36 months?															
30	2010009	Has Secondary Containment Test been submitted within thirty days?															
31	2030064	Was Notification given 48 hours prior to testing?															
32	2010011	Has data been electronically submitted into CERS?															
		ENFORCEMENT															
33	2030044	Did the owner/operator deposit or allow the deposit of petroleum into a UST that has a red tag affixed to the fill pipe?															
34	2030045	Has the Red Tag been removed, defaced, altered, or otherwise tampered with so that the information on the tag is not legible?															
35	2030063	Were temporary closure requirements complied with?															
36	2030038	Were permanent closure requirements complied with?															
37	2030061	Was a suspected or actual unauthorized release recorded and/or reported in an appropriate time frame?															
38	2010006	Owner/Operator has not made false statements or representation on any required document?															
39	2030039	Did they comply with all of the operating permit conditions?															

Site-File Number 0006944-007311
Inspection Number 788451
Date 10/07/14

	TYPE ID	INSPECTION ITEM	Tank ID 001 Contents DIESEL V	C	N	Tank ID 002 Contents DIESEL V	C	N	Tank ID 003 Contents DIESEL V	C	N	Tank ID Contents V	C	N	Tank ID Contents V	C	N
		MAINTENANCE															
40	2030059	UST system maintained in accordance with exclusion/exemption status?			/			/			/						
		TECHNICANS															
41	2030023A	Has the service technician obtained and maintained a current ICC certification?		/			/			/							
42	2030024A	Has the service technician obtained and maintained a proper license?		/			/			/							
43	2030031A	Has the service technician obtained and maintained a manufacturer certification?		/			/			/							
44	2030023C	Has the installer obtained and maintained a current ICC certification?		/			/			/							
45	2030024B	Has the installer obtained and maintained a proper license?		/			/			/							
46	2030031B	Has the Installer obtained and maintained a manufacturer certification?		/			/			/							
		DESIGNATED OPERATOR															
47	2030023B	Has the designated operator obtained and maintained a current ICC certification?		/			/			/							
48	2010004A	Have they maintained a copy of monthly designated operator reports for 12 months?		/			/			/							
49	2010004B	Have they maintained a list of trained employees?		/			/			/							
50	2030012A	Has training been provided to facility employee(s) responsible for proper operation and maintenance every 12 months?		/			/			/							
51	2030012B	Did they train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire?		/			/			/							
52	2030012C	Is there at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system?		/			/			/							
53	2030010	Has the designated operator notified the owner or operator of any condition discovered during the monthly visual inspection that may require follow-up actions?		/			/			/							
54	2030013A	Was the monthly alarm history report inspected by the designated operator?		/			/			/							
55	2030013B	Was a copy of the alarm history report attached to the monthly designated operator report?		/			/			/							
56	2030013C	Was the spill container/spill bucket inspected for the presence of liquid/debris by the designated operator?		/			/			/							
57	2030013D	Was the UDC inspected by the designated operator for the presence of liquid/debris?		/			/			/							
58	2030013E	Was the UDC Inspected by the designated operator to ensure that monitoring equipment is placed in the proper position?		/			/			/							
59	2030013F	Did the designated operator inspect for liquid/debris in the containment sump where an alarm occurred?		/			/			/							
60	2030013G	Did the designated operator inspect the containment sump for liquid/debris for which there is no record of a service visit?		/			/			/							
61	2030013H	Has all testing and maintenance been completed and documented?		/			/			/							
62	2030001	Were leak detection alarm logs, maintenance and records of appropriate follow-up actions maintained?		/			/			/							
		UST															
63	2030043	Has the leak detection equipment been properly programmed and properly operated?		/			/			/							
64	2030016A	Is the interstitial space of the tank continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected?		/			/			/							
		Monitoring System Manufacturer's Name and Model #	VR7L335														
65	2030034	Was a tag/sticker properly affixed to the monitoring equipment being certified, repaired, or replaced?		/			/			/							
66	2030003	Leak detection system maintains continuous an audible and visual alarm		/			/			/							
		SPILL BUCKET															
67	2060020A	Are spill buckets installed?			/			/			/						
68	2060020B	Does the spill bucket/container have a functional drain valve or other liquid removal method?			/			/			/						
69	2060020C	Is the spill bucket resistant to galvanic corrosion?			/			/			/						
70	2030054A	Are the spill buckets in good condition?			/			/			/						
71	2030054B	Are the spill buckets free of debris/liquid?			/			/			/						
72	2030054C	Were spill bucket contents removed when a release was observed?			/			/			/						
73	2060019	Do spill buckets have a minimum capacity of five gallons?			/			/			/						
		OVERFILL PREVENTION															
74	2030035	Was the UST system operated to prevent spills and/or overfills?			/			/			/						
75	2030036A	Overfill prevention system to meet one of the following requirements: 1. Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm (Ball float or external alarm at 90%); or			/			/			/						
76	2030036B	2. Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills (Ball float and external alarm); or			/			/			/						
77	2030036C	3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity (Flapper at 95%); or			/			/			/						
78	2030036D	4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling (Flapper below tank top fitting)			/			/			/						

Site-File Number 006994-007311
Inspection Number 78845)
Date 10-10-14

	TYPE ID	INSPECTION ITEM	Tank ID 001 Contents DIESEL V	C	N	Tank ID 002 Contents DIESEL V	C	N	Tank ID 003 Contents DIESEL V	C	N	Tank ID Contents V	C	N	Tank ID Contents V	C	N
		SUMP															
79	2030008C	Are the sumps in good condition?		✓			✓			✓							
80	2030008D	Are the sumps free of debris/liquid?		✓			✓			✓							
81	2030008E	Is the secondary containment in good condition?		✓			✓			✓							
82	2030008F	Is the secondary containment free of debris/liquid?		✓			✓			✓							
83	2030060	Is entry fitting maintained such that it properly seals to the containment?		✓			✓			✓							
84	2030040	Is the secondarily contained piping maintained to allow drainback to the sump in the event of a leak?		✓			✓			✓							
85	2030026B	Does the electronic leak detection equipment successfully trigger an audible/visual alarm?		✓			✓			✓							
86	2030016C	Are the sumps continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected?		✓			✓			✓							
87	2030062	Is leak detection equipment set up such that the monitoring system would detect a leak at the earliest opportunity and/or alert the owner/operator of a leak?		✓			✓			✓							
88	2060015	Are the sensors located in the proper position/location?		✓			✓			✓							
		Line Leak Detectors															
89	2060012	Does the pressurized piping system have a line leak detector installed?			✓			✓			✓						
		Line Leak Detector Model #															
90	2030026A	Is the line leak detector certified to detect a 3gph leak and restrict or shutoff the flow of product through the piping when a leak is detected?			✓			✓			✓						
91	2060017	Is an automatic line leak detector installed which is capable of shutting off the pump when a release occurs, fails, or is disconnected? (Single Walled)			✓			✓			✓						
92	2060014	Is the leak detection equipment correct for the type of system?			✓			✓			✓						
		PIPING															
		Product Piping Manufacturing	Asmith														
		Singlewalled Pressurized Piping															
93	2030027	Does the pump shut down when a leak is detected or when line leak detector is disconnected? (Positive shutdown/failsafe)			✓			✓			✓						
94	2060018	Was it demonstrated that existing single wall pressurized pipe containing motor vehicle fuel is constructed of glass fiber reinforced plastic, cathodically protected steel, or steel clad with glass reinforced plastic?			✓			✓			✓						
95	2030052	Was pressurized pipe containing motor vehicle fuel monitored at least hourly at any pressure and was a 0.2 gph monthly line integrity test or 0.1 gph annual line integrity test performed?			✓			✓			✓						
		Singlewalled Conventional Suction Piping															
96	2030049	Was daily monitoring conducted for air in the pipe and were the results logged?			✓			✓			✓						
97	2030050	Was a 0.1 gph piping integrity test conducted every three years?			✓			✓			✓						
		Singlewalled Gravity Piping															
98	2030051	Was a 0.1 gph piping integrity test or overfill integrity test conducted every two years?			✓			✓			✓						
		Singlewalled Safe Suction Piping															
99	2030053A	Does piping drain back into UST if the suction is released?			✓			✓			✓						
100	2030053B	Does piping have a check valve on the piping located directly below the suction pump?			✓			✓			✓						
		Double Walled Safe, Conventional, Gravity Piping															
101	2060006	Does secondary containment piping slope back to the collection sump?		✓			✓			✓							
		Double Walled Pressurized Piping															
102	2030042A	Was an annual line integrity test performed for pressurized pipe that does not utilize fail safe or shut down?			✓			✓			✓						
103	2030042B	Was a passing result achieved on the annual line integrity test for pressurized pipe that does not utilize fail safe or shut down?			✓			✓			✓						
104	2030016B	Is the piping continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected?			✓			✓			✓						
105	2030017	Product piping outside the UDC is fail-safe and shuts down the pump or restricts flow?			✓			✓			✓						
106	2030018	Is the double wall pressurized piping in the turbine sump continuously monitored with a system that activates an audible and visual alarm or restricts or stops flow at dispenser when a leak is detected?			✓			✓			✓						
107	2030025A	Is the pressurized piping able to monitor at least hourly with the ability to detect of release of 3.0 gph or trigger an audible/visual alarm?			✓			✓			✓						
108	2030025B	Does the pressurized piping restrict product flow through the piping when a release occurs?			✓			✓			✓						
109	2030025C	Does the pressurized piping trigger an alarm when a release occurs?			✓			✓			✓						
		Other Piping															
110	2030020	Unburied fuel piping (connected to an emergency tank system) visually inspected at least monthly and log kept?			✓			✓			✓						
111	2030020X	Buried fuel piping connected to an emergency genrator tank systems, the monitoring system checked at least daily by either remote electronic access or visually inspected and log kept onsite?			✓			✓			✓						

DW or SW (circle one)

Site-File Number 006494-007311
Inspection Number 188451
Date 10-10-14

	TYPE ID	INSPECTION ITEM	Tank ID 001 Contents DIESEL V	C	N	Tank ID 002 Contents DIESEL V	C	N	Tank ID 003 Contents DIESEL V	C	N	Tank ID Contents V	C	N	Tank ID Contents V	C	N
		UDC															
112	2030008A	Are the UDCs in good condition?															
113	2030008B	Are the UDCs free of debris/liquid?															
114	2030019	Monitoring system in the UDCs activates an audible and visual alarm or stops the flow at the UDC?	N/A														
		Sensor Model # or Type															
		INSPECTION															
115	2060001	Were as-built plans submitted for the location and orientation of the tanks and appurtenant piping systems for new installations and/or with the permit application?			✓			✓			✓						
116	2060010	Does the UST storing a hazardous substance have secondary containment?		✓				✓			✓						
117	2060007	Was non-integral secondary containment designed and constructed to an engineering specification approved by a registered professional engineer or in accordance with a nationally recognized industry core or engineering standard?			✓			✓			✓						
118	2060009	Was a permit obtained to install, replace, repair, or modify part of the UST system containment or leak detection equipment? PENDING		✓			✓			✓							
119	2060021	Is a striker plate installed & positioned correctly under any opening that could be used for manual dipsticking or do they have a drop-tube mounted bottom protector?			✓			✓			✓						
120	2010005	Were enhanced leak detection testing results submitted to the board and the local agency within 60 days of test completion?			✓			✓			✓						
121	2030069	Is the secondary containment free of liquid and debris for a tank installed after January 1, 1984?		✓			✓	✓		✓	✓						
122	2030070	The primary containment maintained product-tight for a tank installed after January 1, 1984?		✓			✓			✓							
123	2030071	Maintain primary containment as product-tight and compatible with the stored product for a tank installed after July 1, 2004?			✓			✓			✓						
124	2030072	Maintain the primary containment as product-tight and compatible with stored product for a tank installed after July 1, 2003 and before July 1, 2004?			✓			✓			✓						
125	2030073	Corrective items noted by on an inspection report have been returned to compliance?		✓		✓			✓								
126	2060025	Secondary Contaimment free of liquid and debris for tank installed after January 1, 1984?		✓			✓			✓							
127	2060026	Primary containment is product ight for tank installed after January 1, 1984?		✓			✓			✓							
128	2060027	Maintain primary containment as product-tight and compatible with the stored for tank installed after July 1, 2004?			✓			✓			✓						
129	2060028	Primary containment as product-tight and compatible with stored product for tank installed after July 1, 2003 and before July 1, 2004?			✓			✓			✓						
		DOUBLE WALLED PRE 2003 TANKS															
130	2060005	Was system constructed with a monitoring system capable of detecting entry into secondary containment?		✓			✓			✓							
		TANKS 2003 - PRESENT															
131	2030065	Is the interstitial space maintained under constant vacuum, pressure, or hydrostatic conditions, such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance stored in the UST tank is released into the environment? (VPH - 7/2004)															
132	2060008	Was enhanced leak detection testing performed before the tank was placed in use?			N/A			N/A									
133	2060022A	Is the UST system installed on or after July 1, 2003 and before July 1, 2004, designed and constructed with a monitoring system capable of detecting the entry of the hazardous substance stored in the primary containment into the secondary containment? (Including Vent/Vapor Piping)															
134	2060022B	Is the UST system installed on or after July 1, 2003 and before July 1, 2004, capable of detecting water intrusion into the secondary containment? (Including Vent/Vapor Piping)															
135	2060023	Is the UST system installed on or after July 1, 2004, designed and constructed so as to detect the entry of the liquid or vapor-phase of the hazardous substance stored in the primary containment into the secondary containment and capable of detecting water intrusion into the secondary containment? (VPH)															
		ONSITE TANK TOP INSPECTION															
		Annular Space Sensors (if applicable)	N/A			N/A			N/A								
		Fill Sump Sensors	001			002			003								
		Piping Sump Sensors	001			002			003								

Site-File Number 006494-007313
Inspection Number 786451
Date 10-10-14

	TYPE ID	INSPECTION ITEM	Tank ID: UST1 Contents: DIESEL V	C	N	Tank ID: UST2 Contents: DIESEL V	C	N	Tank ID: UST3 Contents: DIESEL V	C	N	Tank ID: Contents: V	C	N	Tank ID: Contents: V	C	N
		LINED TANKS															
136	2060024	UST system is made of or lined with material that are compatible with the substance stored?															
137	2030028A	Was a proper written tank lining certification submitted within 30 days of completion of the inspection?															
138	2030028B	Was a tank integrity test performed?															
139	2030028C	Was a vacuum test performed following lining? N/A															
140	2030028D	Did they employ a proper coatings expert and/or special inspector?															
141	2030029	Lined or repaired steel tank was inspected within 10 years of lining and every 5 years after?															
142	2060003	Were components inspected at the install site using an electrical resistance holiday detector and repaired if necessary?															
		SINGLE WALLED TANK MONITORING															
143	2010002A	Have they maintained records of cathodic protection systems testing conducted within six months of installation and at least every three years thereafter?			/			/			/						
144	2010002B	Have they maintained records for the 60 calendar day inspection of the impressed-current system?			/			/			/						
145	2010002C	Have they maintained records for sacrificial anodes testing every three years?			/			/			/						
146	2010002D	Do they have written monitoring and maintenance records on-site or off-site at a readily available location if approved?			/		/			/							
147	2030004	Automatic tank gauge programmed to test the tank at least once per month at 0.1 gallons per hour?			/			/			/						
148	2030005	The 0.2 gallons per hour continuous in tank lek decteciton performed?			/			/			/						
149	2030006A	Monthly 0.2 gallons per hour automatic tank gauging performed?			/		/			/							
150	2030006B	Did the automatic tank gauge generate and print a hard copy of the monthly 0.2 gph test?			/		/			/							
151	2030009A	Was the impressed-current system inspected every 60 calendar days?			/			/			/						
152	2030009C	Was the impressed-current system inspected within six months of installation and at least every three years thereafter?			/			/			/						
153	2030009D	Were the sacrificial anodes tested once every three years in accordance with the manufacturer's instructions?			/			/			/						
154	2030015	Facility exhibited that the method used to monitor the tank meets the monitoring methods in 2643(f)?			/		/			/							
155	2030056	Was an annual SIR report submitted?			/			/			/						
156	2030030	Weekly manual tank gauging performed in accordance to the required specifications?			/			/			/						
157	2030057A	Did they notify of a possible release within 24 hours?			/			/			/						
158	2030057B	Was a copy of the release report submitted within 10 days?			/			/			/						
159	2030057C	Were records inspected for errors and the UST system physically inspected within 24 hours?			/			/			/						
160	2030057D	Were meters recalibrated within 48 hours of receipt of report?			/			/			/						
161	2030058A	Were measurements taken daily (SIR)?			/			/			/						
162	2030058B	Was monthly inventory calculated(SIR)?			/			/			/						
163	2030058C	Is the system capable of detecting a 0.2 gph release(SIR)?			/			/			/						
164	2030058D	Was a tank integrity test conducted every two years(SIR)?			/			/			/						
165	2030058E	Was piping test conducted within 15 days of receipt of two successive SIR reports which were inconclusive or which indicated a possible release(SIR)?			/			/			/						
166	2030058F	Were dispenser meters calibrated annually(SIR)?			/			/			/						
167	2060002	Automatic tank gauging/continuous in tank leak detection system installed/properly functioning?			/			/			/						
168	2060004A	Is UST corrosion protection installed?			/			/			/						
169	2060004B	Does field-installed cathodic protection meet the consensus standards?			/			/			/						
		ADDITIONAL COMMENTS															
170																	
171																	
172																	
173																	
174																	
175																	
176																	

Receipt of a copy of this report acknowledged by : Joe Pollock

PRINT NAME

SIGNATURE

Violation Type Number	CHSC	CCR
2010001	25286	
2010002		2635, 2712(b)
2010003		2715(a)
2010004		2715
2010005		2644.1(a)(5)
2010006	25299	
2010007	25292.2; 25299.30-25299.34	2711;
2010008		2712(b)
2010009		2637(e)
2010010	25286(a)	2711;
2010011	25404(e)(4)	
2030001		2632, 2634, 2712(b)
2030002		2638
2030003		2632, 2634, 2636, 2666
2030003		2632, 2634, 2636, 2666
2030004		2643(b)(2)
2030005		2643(b)(5)
2030006		2643(b)(1)
2030007		2631(i)
2030008	25290.1, 25290.2, 25291	
2030009		2635
2030010		2715(d)
2030011		2715(a), 2715(b)
2030012		2715(c)(6), 2715(f)
2030013		2715
2030014		2715(f)(2)
2030015		2643
2030016		2631(g), 2632(c)(2)(A)&(B), 2633(c), 2636(f)
2030017		2636(f)(5)
2030018		2636(f)(1)
2030019		2636(f)(1)
2030020	25281.5(b)(3)	
2030021	25284	2712(i)
2030022		2647, 2648
2030023		2715
2030024	28284.1(a)(5)(D)	2715;
2030025		2636(f)(2)
2030026		2636(f)(2), 2666(c)
2030027		2666(c)
2030028		2663
2030029		2663
2030030		2645
2030031		2715
2030032	25281.5(b)(2)	
2030033		2632, 2634, 2711, 2712(i)
2030034		2638(f)
2030035	25292.1(a)	
2030036		2635(b)(2), 2665
2030037	25284(a)(3)	2620(b);
2030038	25298	2670, 2672;
2030039	25299	2712;
2030040		2630(d), 2641(a)
2030041		2632(d)(1)(C), 2711(a)(8)
2030042		2636(f)(4)
2030043		2632, 2634, 2636, 2666
2030043		2632, 2634, 2636, 2666
2030044		2717.1(f)
2030045		2717.1(g)
2030046		2632, 2634(e), 2641(h), 2712(i)
2030047	25290.1(c)(2), 25290.2(c)(2), 25291(a), 25292(e)	2662;
2030048		2637
2030049		2643(d)
2030050		2643(d)
2030051		2643(e)
2030052		2641(a), 2643
2030053		2636(a)(3), 2641(b)
2030054		2635(b), 2715(c)(2)
2030055	25284.2	
2030056		2646.1(i)
2030057		2646.1(d)
2030058		2646.1
2030059	25281.6, 25283.5	
2030060		2630, 2635(d), 2636(c), 2666
2030061	25294, 25295	
2030062	25299(a)(9)	
2030063	25298	2670, 2671;
2030063	25298	2670, 2671;
2030064		2637(f), 2638(e), 2643(g), 2644.1(a)(4)
2030065	25290.1(e)	
2030066	25292.4(d), 25292.5(c)	
2030067		2644.1(a)(3)
2030068	25292.4, 25292.5	
2030069	252911(e)	
2030070	5291(a)(1)	2631(a)
2030071	25290.1(c)(1)	2631(a)
2030072	25290.2(c)(1)	2631(a)
2030073		2712(f)
2060001		2635(c)(8), 2711(a)(8)
2060002	25292(a)	2643
2060003		2635(a)(2)(B)
2060004		2635(a)(2)(A)
2060005	25291(b)	
2060006		2636
2060007		2631(d)
2060008	25290.1(i), 25290.2(i)	
2060009		2712
2060010	25292	
2060011		2631(b)
2060012	25290.1(h), 25290.2(g), 25291(f), 25292(e)	
2060013		2636(e)
2060014	25290.1, 25290.2, 25291	2638
2060015		2630(d), 2641(a)
2060016		2637
2060017		2666(c)
2060018	25292(e)(2)	2666(b)
2060019		2635(b), 2665
2060020		2635(b), 2665
2060021		23 CCR 16 2631(c), 2662(d)
2060022	25290.2(d)	
2060023	25290.1(d)	
2060024		2631.1
2060025	252911(e)	
2060026	25291(a)(1)	2631(a)
2060027	25290.1(c)(1)	2631(a)
2060028	25290.2(c)(1)	2631(a)

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
"To Enrich Lives Through Effective And Caring Service" www.CleanLA.com

ENVIRONMENTAL PROGRAMS DIVISION
NOTICE OF VIOLATION ORDER TO COMPLY

Date 10-10-14 Permit 55945

Owner/Operator JOE REBELO Site/File 006994-007311

Site Name BANK OF THE WEST Violation # 287564

Site Address 1977 SATURN ST City, Zip MONTEREY PARK CA. 91755

Mailing Address _____ City, Zip _____

A recent inspection of your facility revealed the following conditions and/or practices relating to hazardous materials underground storage tanks (USTs) which are violations of California Health and Safety Code (CH&SC) Chapter 6.7; Los Angeles County Code (LACC), Title 11, Division 4 and/or the conditions and limitations of the above permit.

YOU ARE HEREBY DIRECTED to submit to the office indicated below, the following items checked:

☐ **OPERATING WITHOUT A CERTIFIED / OPERATING MONITORING SYSTEM – CH&SC 25293**

YOU ARE HEREBY DIRECTED to have the monitoring system and the USTs certified immediately and the results received by this office no later than 7 Days from the date of this Notice or the contents of all underground storage tank systems are to be removed within this time period.

☑ **MISSING TEST RESULTS** – Test must be conducted and results received by this office.

- ☑ Secondary Containment Testing FAILED 10/7/14
- ☐ Tank Integrity Testing
- ☐ Corrosion Protection Certification
- ☐ AB 2481 Testing
- ☐ Line Testing
- ☐ Line Leak Detection Testing
- ☐ Financial Responsibility Certification
- ☐ Owner Statement of Designated Operator
- ☐ Facility Employee Training
- ☐ Missing Designated Operator Monthly Form
- ☐ Monitoring/Response Plan
- ☐ _____
- ☐ _____
- ☐ _____

☐ **UNREGISTERED TANKS – CH&SC 25286**

☐ **OPERATING WITHOUT A PERMIT DUE TO A CHANGE OF OWNERSHIP – CH&SC 25284 (c)**

- ☐ Complete and sign the Transfer of Ownership Application (yellow form).
- ☐ An application fee of $_____ payable to the County of Los Angeles Department of Public Works.
- ☐ verify that all Unified Program (UP) form data is accurate and uploaded to the California Environmental Reporting System (CERS) http://cersbusiness.calepa.ca.gov/Account/SignIn?ReturnUrl=%2f, including all UP UST Facility Information data, UP UST Tank Information data, for each UST, and UST Monitoring Plan data (You must include the Board of Equalization Number)
- ☐ Complete and sign the Certificate of Financial Responsibility Form
- ☐ completed and signed Response Plan
- ☐ completed and signed Owner Statement of Designated Operator
- ☐ Provide Monitoring System Certification, which is current (performed within the last 12 months).

☐ **OUT OF SERVICE UNDERGROUND STORAGE TANKS – CH&SC 25298**

Immediately remove all residual liquids, solids, or sludge stored within the USTs to a legal disposal facility. Provide copy of proof of legal disposal.

- ☐ Complete, and sign the Application for Closure.
- ☐ An Application for Closure fee of $_____ payable to the County of Los Angeles Department of Public Works.
- ☐ Complete and sign Permit Application Supplemental/Notice to File.
- ☐ verify that all Unified Program (UP) form data is accurate and uploaded to the California Environmental Reporting System (CERS) http://cersbusiness.calepa.ca.gov/Account/SignIn?ReturnUrl=%2f, including all UP UST Facility Information data, UP UST Tank Information data, for each UST, and UST Monitoring Plan data (You must include the Board of Equalization Number)
- ☐ Complete and sign the Certificate of Financial Responsibility Form
- ☐ An Operating Permit Application fee of $_____ payable to the County of Los Angeles, Department of Public Works.
- ☐ Submit an Annual Permit Maintenance fee of $_____ payable to the County of Los Angeles Department of Public Works.

YOU ARE FURTHER DIRECTED to submit to the office below evidence of compliance with the above directives by no later than fifteen (15) days from the date on this Notice, unless otherwise directed above. Failure to comply with the Underground Storage Tank laws and regulations may subject you to a civil penalty of not less than $500 or more than $5,000, or by one year in county jail or both. Additionally pursuant to LACC Title 1, § 1.25.040, each violation of any provision of this Code and each separate offense is subject to an administrative fine up to $1,000 for each separate day during which any violation occurs or continues. Furthermore, a noncompliance fee may be imposed to recover the cost incurred by this Department in the enforcement of LACC.

If you have any questions regarding this matter, please contact WALTER/ LIETDANOBE, [✓] Monday through Friday, 8 a.m. to 9:30 a.m. or [ ] Monday through Thursday, 7 a.m. to 5:30 p.m. at (323) 881-7031

Inspected By: _____
Signature

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
EAST LOS ANGELES DISTRICT OFFICE
4801 E. 3RD STREET
LOS ANGELES, CA 90022-1601

Receipt of a copy of this report acknowledged by:

Print Name: JOE REBELO	Title: CHIEF ENGINEER
Signature: _____	Date: 10/10/2014

38-0033 DPW Rev.7/13

OFFICE COPY

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 TRANS: INSP              HMS INSPECTION DISPLAY/UPDATE              OPER: E507141
  PROG: PWC160                                                     10/10/14 14:34:41

   ACTION: B (A)DD  (C)HANGE  (D)ELETE  (B)ROWSE  A(S)SC # BROWSE
   FILE #: 006994 007311 NAME: BANK OF THE WEST                SEC? N  STAT: PERM
 STREET #: 1977  FR:       DR:     NAME: SATURN                SF: ST   UN:
     CITY: MONTEREY PARK            ZIP: 91755 7418  AREA: 3M  TEL: 323 727 3636
   INSP #: I 000788451    INSP TYPE: T SCHI    INSP DT: 093014   INSP DISP: FOL1
   ASSC #: P 00005594T  ASSC # TYPE: T 0     ASSC # DT: 060993 ASSC # DISP: PERM

INSP PROC: UST_ANNUAL      SAMP REQ? _     SELF MONT? _

INSP INFO: SINGLE-WALLED_USTS_(2)_&_DOUBLE-WALLED_UST_(1)_____________________
           EMERGENCY_GENERATOR_TANKS_____________________________________________

  RESULTS: NOVC_ISSUED_FOR_FAILED_SB989_DATED_10/12/12.REPAIR_PERMIT_STILL_PEND
           ING.NO_CERS_UPLOAD.BANK_IS_MOVING_OUT.LA_COUNTY_IS_MOVING_IN._________
           # OF VIOLS FOUND:   0                COMPLY DT:

ASSIGN DT: 093014              DUE DT: 103014         ASSIGN TO: 47913_ WW____
 START DT: _______           COMP DT: 101014           COMP BY: 47913_ WW____
 DMS LINK: HTTP://PWDMS04/CSHMSEPDUSTRESULTS.ASP?DOCNO=000788451&DOCTYPE=INSP
                                        LAST TRAN/DATE/OPER: INSP 101014 E507141
 MORE ENTRIES ON NEXT PAGE
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COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
"To Enrich Lives Through Effective And Caring Service"
ENVIRONMENTAL PROGRAMS DIVISION
UNDERGROUND STORAGE TANK INSPECTION REPORT

www.CleanLA.com

Date 10-10-14
Site Name BANK OF THE WEST
Street Address 1977 SATURN ST
Facility Contact JOE REYES
Phone No. 323-722-3636

Permit Number 5594T
Site-File Number UU6994-UU7311
City/Zip Code MONTEREY PARK CA. 91755
Inspection Number 788451
Inspected By WARREN LOTANAKE

Refer to Title 23 of the California Code of Regulations (CCR), Chapters 6.7 of the Health and Safety Code (CHSC).

CERS ID # 10268183

The following Code sections are either in violation (V) of, or in compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable (N).

	Tank ID	Tank ID	Tank ID	Tank ID	Tank ID
	001	002	003		
Tank Manufacturer	MID VALLEY	OLIVERS	OLIVERS		
Contents	DIESEL	DIESEL	DIESEL		
Install Date	08/01/91	01/01/80	01/01/80		
Size	2K	10K	10K		

	TYPE ID	INSPECTION ITEM	V	C	N	V	C	N	V	C	N	V	C	N	V	C	N
		ADMINISTRATION/DOCUMENTATION															
1	2010001	Current BOE number submitted to the CUPA and/or CERS? UU6183		V			C				N						
2	2030021	Facility has a valid permit to operate from the CUPA?		V			C				N						
3	2010007	Financial Responsilbity current and on file? (exp. 12/05/14)		V			C				N						
4	2010010A	Submitted an accurate CUPA UST Operating Permit Application for Facility Information?		V			C				N						
5	2010010B	Submitted an accurate CUPA UST Operating Permit Application for Tank Information?		V			C				N						
6	2030011A	Has statement of UST compliance certification been submitted?		V			C				N						
7	2030011B	Has designated operator current certification been submitted?		V			C				N						
8	2010003	Has the owner/operator designated a UST operator?		V			C				N						
9	2030014A	Owner/operator received approval for a training program at an unstaffed facility?		V			C				N						
10	2030014B	Owner/operator implemented the approved training program?		V			C				N						
11	2030037	Did they submit an owner/operator agreement?		V			C				N						
12	2030041	A complete and accurate plot plan has been submitted, approved and maintained?		V			C				N						
13	2030046	A complete and accurate response plan has beeen submitted, approved and maintained?		V			C				N						
14	2030007	Did they submit and maintain documentation regarding positive statement of compatibility for UST system components?		V			C				N						
15	2010008D	Have they maintained written performance claims pertaining to release detection systems and calibration and maintenance records for such systems for 5 years?		V			C				N						
16	2030068	Was enhanced leak detection testing conducted for the double-walled UST systems located within 1,000 feet of a public drinking water well?		V			C				N						
17	2030066	Was appropriate action taken to repair and retest any component of a double-walled UST system that is leaking liquid or vapor which is discovered from an enhanced leak detection test for UST system located within 1,000 feet of a public drinking water well?		V			C				N						
18	2030067	ELD testing conducted every 36 months on USTs located within 1,000 feet of a public drinking well? (singlewalled components)		V			C				N						
19	2010008A	Have they maintained records of repairs, lining, and upgrades for life of UST?															
20	2010008B	Have they maintained written monitoring and maintenance records for 3 years?															
21	2010008C	Have they maintained cathodic protection records for 6 1/2 years?															
22	2030033	Is an approved monitoring plan maintained on-site?															
23	2030002A	Has monitoring system been certified annually? 10/10/14															
24	2030002B	Monitoring System Certification submitted within thirty days?															
25	2030055	Have spill buckets been tested annually? 10/10/14															
26	2060016	Was secondary containment testing conducted at installation?															
27	2030047	Secondary containment maintained tight and has been confirmed by testing? 10/12/12															
28	2030048A	Was secondary containment testing conducted within 6 months of install/repair?															
29	2030048B	Has Secondary Containment Testing been conducted every 36 months?															
30	2010009	Has Secondary Containment Test been submitted within thirty days?															
31	2030064	Was Notification given 48 hours prior to testing?															
32	2010011	Has data been electronically submitted into CERS?															
		ENFORCEMENT															
33	2030044	Did the owner/operator deposit or allow the deposit of petroleum into a UST that has a red tag affixed to the fill pipe?															
34	2030045	Has the Red Tag been removed, defaced, altered, or otherwise tampered with so that the information on the tag is not legible?															
35	2030063	Were temporary closure requirements complied with?															
36	2030038	Were permanent closure requirements complied with?															
37	2030061	Was a suspected or actual unauthorized release recorded and/or reported in an appropriate time frame?															
38	2010006	Owner/Operator has not made false statements or representation on any required document?															
39	2030039	Did they comply with all of the operating permit conditions?															

Site-File Number 0006944-007311
Inspection Number 788451
Date 10/07/14

	TYPE ID	INSPECTION ITEM	Tank ID 001 Contents DIESEL V	C	N	Tank ID 002 Contents DIESEL V	C	N	Tank ID 003 Contents DIESEL V	C	N	Tank ID Contents V	C	N	Tank ID Contents V	C	N
		MAINTENANCE															
40	2030059	UST system maintained in accordance with exclusion/exemption status?			/			/			/						
		TECHNICANS															
41	2030023A	Has the service technician obtained and maintained a current ICC certification?		/			/			/							
42	2030024A	Has the service technician obtained and maintained a proper license?		/			/			/							
43	2030031A	Has the service technician obtained and maintained a manufacturer certification?		/			/			/							
44	2030023C	Has the installer obtained and maintained a current ICC certification?		/			/			/							
45	2030024B	Has the installer obtained and maintained a proper license?		/			/			/							
46	2030031B	Has the Installer obtained and maintained a manufacturer certification?		/			/			/							
		DESIGNATED OPERATOR															
47	2030023B	Has the designated operator obtained and maintained a current ICC certification?		/			/			/							
48	2010004A	Have they maintained a copy of monthly designated operator reports for 12 months?		/			/			/							
49	2010004B	Have they maintained a list of trained employees?		/			/			/							
50	2030012A	Has training been provided to facility employee(s) responsible for proper operation and maintenance every 12 months?		/			/			/							
51	2030012B	Did they train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire?		/			/			/							
52	2030012C	Is there at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system?		/			/			/							
53	2030010	Has the designated operator notified the owner or operator of any condition discovered during the monthly visual inspection that may require follow-up actions?		/			/			/							
54	2030013A	Was the monthly alarm history report inspected by the designated operator?		/			/			/							
55	2030013B	Was a copy of the alarm history report attached to the monthly designated operator report?		/			/			/							
56	2030013C	Was the spill container/spill bucket inspected for the presence of liquid/debris by the designated operator?		/			/			/							
57	2030013D	Was the UDC inspected by the designated operator for the presence of liquid/debris?		/			/			/							
58	2030013E	Was the UDC Inspected by the designated operator to ensure that monitoring equipment is placed in the proper position?		/			/			/							
59	2030013F	Did the designated operator inspect for liquid/debris in the containment sump where an alarm occurred?		/			/			/							
60	2030013G	Did the designated operator inspect the containment sump for liquid/debris for which there is no record of a service visit?		/			/			/							
61	2030013H	Has all testing and maintenance been completed and documented?		/			/			/							
62	2030001	Were leak detection alarm logs, maintenance and records of appropriate follow-up actions maintained?		/			/			/							
		UST															
63	2030043	Has the leak detection equipment been properly programmed and properly operated?		/			/			/							
64	2030016A	Is the interstitial space of the tank continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected?		/			/			/							
		Monitoring System Manufacturer's Name and Model #	VR7L335														
65	2030034	Was a tag/sticker properly affixed to the monitoring equipment being certified, repaired, or replaced?		/			/			/							
66	2030003	Leak detection system maintains continuous an audible and visual alarm		/			/			/							
		SPILL BUCKET															
67	2060020A	Are spill buckets installed?			/			/			/						
68	2060020B	Does the spill bucket/container have a functional drain valve or other liquid removal method?			/			/			/						
69	2060020C	Is the spill bucket resistant to galvanic corrosion?			/			/			/						
70	2030054A	Are the spill buckets in good condition?			/			/			/						
71	2030054B	Are the spill buckets free of debris/liquid?			/			/			/						
72	2030054C	Were spill bucket contents removed when a release was observed?			/			/			/						
73	2060019	Do spill buckets have a minimum capacity of five gallons?			/			/			/						
		OVERFILL PREVENTION															
74	2030035	Was the UST system operated to prevent spills and/or overfills?			/			/			/						
75	2030036A	Overfill prevention system to meet one of the following requirements: 1. Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm (Ball float or external alarm at 90%); or			/			/			/						
76	2030036B	2. Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills (Ball float and external alarm); or			/			/			/						
77	2030036C	3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity (Flapper at 95%); or			/			/			/						
78	2030036D	4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling (Flapper below tank top fitting)			/			/			/						

Site-File Number 006994-007311
Inspection Number 78845)
Date 10-10-14

	TYPE ID	INSPECTION ITEM	Tank ID 001 Contents DIESEL V	C	N	Tank ID 002 Contents DIESEL V	C	N	Tank ID 003 Contents DIESEL V	C	N	Tank ID Contents V	C	N	Tank ID Contents V	C	N
		SUMP															
79	2030008C	Are the sumps in good condition?		✓			✓			✓							
80	2030008D	Are the sumps free of debris/liquid?		✓			✓			✓							
81	2030008E	Is the secondary containment in good condition?		✓			✓			✓							
82	2030008F	Is the secondary containment free of debris/liquid?		✓			✓			✓							
83	2030060	Is entry fitting maintained such that it properly seals to the containment?		✓			✓			✓							
84	2030040	Is the secondarily contained piping maintained to allow drainback to the sump in the event of a leak?		✓			✓			✓							
85	2030026B	Does the electronic leak detection equipment successfully trigger an audible/visual alarm?		✓			✓			✓							
86	2030016C	Are the sumps continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected?		✓			✓			✓							
87	2030062	Is leak detection equipment set up such that the monitoring system would detect a leak at the earliest opportunity and/or alert the owner/operator of a leak?		✓			✓			✓							
88	2060015	Are the sensors located in the proper position/location?		✓			✓			✓							
		Line Leak Detectors															
89	2060012	Does the pressurized piping system have a line leak detector installed?			✓			✓			✓						
		Line Leak Detector Model #															
90	2030026A	Is the line leak detector certified to detect a 3gph leak and restrict or shutoff the flow of product through the piping when a leak is detected?			✓			✓			✓						
91	2060017	Is an automatic line leak detector installed which is capable of shutting off the pump when a release occurs, fails, or is disconnected? (Single Walled)			✓			✓			✓						
92	2060014	Is the leak detection equipment correct for the type of system?			✓			✓			✓						
		PIPING															
		Product Piping Manufacturing	Asmith														
		Singlewalled Pressurized Piping															
93	2030027	Does the pump shut down when a leak is detected or when line leak detector is disconnected? (Positive shutdown/failsafe)			✓			✓			✓						
94	2060018	Was it demonstrated that existing single wall pressurized pipe containing motor vehicle fuel is constructed of glass fiber reinforced plastic, cathodically protected steel, or steel clad with glass reinforced plastic?			✓			✓			✓						
95	2030052	Was pressurized pipe containing motor vehicle fuel monitored at least hourly at any pressure and was a 0.2 gph monthly line integrity test or 0.1 gph annual line integrity test performed?			✓			✓			✓						
		Singlewalled Conventional Suction Piping															
96	2030049	Was daily monitoring conducted for air in the pipe and were the results logged?			✓			✓			✓						
97	2030050	Was a 0.1 gph piping integrity test conducted every three years?			✓			✓			✓						
		Singlewalled Gravity Piping															
98	2030051	Was a 0.1 gph piping integrity test or overfill integrity test conducted every two years?			✓			✓			✓						
		Singlewalled Safe Suction Piping															
99	2030053A	Does piping drain back into UST if the suction is released?			✓			✓			✓						
100	2030053B	Does piping have a check valve on the piping located directly below the suction pump?			✓			✓			✓						
		Double Walled Safe, Conventional, Gravity Piping															
101	2060006	Does secondary containment piping slope back to the collection sump?		✓			✓			✓							
		Double Walled Pressurized Piping															
102	2030042A	Was an annual line integrity test performed for pressurized pipe that does not utilize fail safe or shut down?			✓			✓			✓						
103	2030042B	Was a passing result achieved on the annual line integrity test for pressurized pipe that does not utilize fail safe or shut down?			✓			✓			✓						
104	2030016B	Is the piping continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected?			✓			✓			✓						
105	2030017	Product piping outside the UDC is fail-safe and shuts down the pump or restricts flow?			✓			✓			✓						
106	2030018	Is the double wall pressurized piping in the turbine sump continuously monitored with a system that activates an audible and visual alarm or restricts or stops flow at dispenser when a leak is detected?			✓			✓			✓						
107	2030025A	Is the pressurized piping able to monitor at least hourly with the ability to detect of release of 3.0 gph or trigger an audible/visual alarm?			✓			✓			✓						
108	2030025B	Does the pressurized piping restrict product flow through the piping when a release occurs?			✓			✓			✓						
109	2030025C	Does the pressurized piping trigger an alarm when a release occurs?			✓			✓			✓						
		Other Piping															
110	2030020	Unburied fuel piping (connected to an emergency tank system) visually inspected at least monthly and log kept?			✓			✓			✓						
111	2030020X	Buried fuel piping connected to an emergency genrator tank systems, the monitoring system checked at least daily by either remote electronic access or visually inspected and log kept onsite?			✓			✓			✓						

DW or SW (circle one)

Site-File Number 006494-007311
Inspection Number 188451
Date 10-10-14

	TYPE ID	INSPECTION ITEM	Tank ID 001 Contents DIESEL V	C	N	Tank ID 002 Contents DIESEL V	C	N	Tank ID 003 Contents DIESEL V	C	N	Tank ID Contents V	C	N	Tank ID Contents V	C	N
		UDC															
112	2030008A	Are the UDCs in good condition?															
113	2030008B	Are the UDCs free of debris/liquid?															
114	2030019	Monitoring system in the UDCs activates an audible and visual alarm or stops the flow at the UDC?	N/A														
		Sensor Model # or Type															
		INSPECTION															
115	2060001	Were as-built plans submitted for the location and orientation of the tanks and appurtenant piping systems for new installations and/or with the permit application?			✓			✓			✓						
116	2060010	Does the UST storing a hazardous substance have secondary containment?		✓				✓			✓						
117	2060007	Was non-integral secondary containment designed and constructed to an engineering specification approved by a registered professional engineer or in accordance with a nationally recognized industry core or engineering standard?			✓			✓			✓						
118	2060009	Was a permit obtained to install, replace, repair, or modify part of the UST system containment or leak detection equipment? PENDING		✓			✓			✓							
119	2060021	Is a striker plate installed & positioned correctly under any opening that could be used for manual dipsticking or do they have a drop-tube mounted bottom protector?			✓			✓			✓						
120	2010005	Were enhanced leak detection testing results submitted to the board and the local agency within 60 days of test completion?			✓			✓			✓						
121	2030069	Is the secondary containment free of liquid and debris for a tank installed after January 1, 1984?		✓			✓	✓		✓	✓						
122	2030070	The primary containment maintained product-tight for a tank installed after January 1, 1984?		✓			✓			✓							
123	2030071	Maintain primary containment as product-tight and compatible with the stored product for a tank installed after July 1, 2004?			✓			✓			✓						
124	2030072	Maintain the primary containment as product-tight and compatible with stored product for a tank installed after July 1, 2003 and before July 1, 2004?			✓			✓			✓						
125	2030073	Corrective items noted by on an inspection report have been returned to compliance?		✓		✓			✓								
126	2060025	Secondary Contaimment free of liquid and debris for tank installed after January 1, 1984?		✓			✓			✓							
127	2060026	Primary containment is product ight for tank installed after January 1, 1984?		✓			✓			✓							
128	2060027	Maintain primary containment as product-tight and compatible with the stored for tank installed after July 1, 2004?			✓			✓			✓						
129	2060028	Primary containment as product-tight and compatible with stored product for tank installed after July 1, 2003 and before July 1, 2004?			✓			✓			✓						
		DOUBLE WALLED PRE 2003 TANKS															
130	2060005	Was system constructed with a monitoring system capable of detecting entry into secondary containment?		✓			✓			✓							
		TANKS 2003 - PRESENT															
131	2030065	Is the interstitial space maintained under constant vacuum, pressure, or hydrostatic conditions, such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance stored in the UST tank is released into the environment? (VPH - 7/2004)															
132	2060008	Was enhanced leak detection testing performed before the tank was placed in use?			N/A			N/A									
133	2060022A	Is the UST system installed on or after July 1, 2003 and before July 1, 2004, designed and constructed with a monitoring system capable of detecting the entry of the hazardous substance stored in the primary containment into the secondary containment? (Including Vent/Vapor Piping)															
134	2060022B	Is the UST system installed on or after July 1, 2003 and before July 1, 2004, capable of detecting water intrusion into the secondary containment? (Including Vent/Vapor Piping)															
135	2060023	Is the UST system installed on or after July 1, 2004, designed and constructed so as to detect the entry of the liquid or vapor-phase of the hazardous substance stored in the primary containment into the secondary containment and capable of detecting water intrusion into the secondary containment? (VPH)															
		ONSITE TANK TOP INSPECTION															
		Annular Space Sensors (if applicable)	N/A			N/A			N/A								
		Fill Sump Sensors	001			002			003								
		Piping Sump Sensors	001			002			003								

Site-File Number 006494-007313
Inspection Number 786451
Date 10-10-14

	TYPE ID	INSPECTION ITEM	Tank ID: UST1 Contents: DIESEL V	C	N	Tank ID: UST2 Contents: DIESEL V	C	N	Tank ID: UST3 Contents: DIESEL V	C	N	Tank ID: Contents: V	C	N	Tank ID: Contents: V	C	N
		LINED TANKS															
136	2060024	UST system is made of or lined with material that are compatible with the substance stored?															
137	2030028A	Was a proper written tank lining certification submitted within 30 days of completion of the inspection?															
138	2030028B	Was a tank integrity test performed?															
139	2030028C	Was a vacuum test performed following lining? N/A															
140	2030028D	Did they employ a proper coatings expert and/or special inspector?															
141	2030029	Lined or repaired steel tank was inspected within 10 years of lining and every 5 years after?															
142	2060003	Were components inspected at the install site using an electrical resistance holiday detector and repaired if necessary?															
		SINGLE WALLED TANK MONITORING															
143	2010002A	Have they maintained records of cathodic protection systems testing conducted within six months of installation and at least every three years thereafter?			/			/			/						
144	2010002B	Have they maintained records for the 60 calendar day inspection of the impressed-current system?			/			/			/						
145	2010002C	Have they maintained records for sacrificial anodes testing every three years?			/			/			/						
146	2010002D	Do they have written monitoring and maintenance records on-site or off-site at a readily available location if approved?			/		/			/							
147	2030004	Automatic tank gauge programmed to test the tank at least once per month at 0.1 gallons per hour?			/			/			/						
148	2030005	The 0.2 gallons per hour continuous in tank lek decteciton performed?			/			/			/						
149	2030006A	Monthly 0.2 gallons per hour automatic tank gauging performed?			/		/			/							
150	2030006B	Did the automatic tank gauge generate and print a hard copy of the monthly 0.2 gph test?			/		/			/							
151	2030009A	Was the impressed-current system inspected every 60 calendar days?			/			/			/						
152	2030009C	Was the impressed-current system inspected within six months of installation and at least every three years thereafter?			/			/			/						
153	2030009D	Were the sacrificial anodes tested once every three years in accordance with the manufacturer's instructions?			/			/			/						
154	2030015	Facility exhibited that the method used to monitor the tank meets the monitoring methods in 2643(f)?			/		/			/							
155	2030056	Was an annual SIR report submitted?			/			/			/						
156	2030030	Weekly manual tank gauging performed in accordance to the required specifications?			/			/			/						
157	2030057A	Did they notify of a possible release within 24 hours?			/			/			/						
158	2030057B	Was a copy of the release report submitted within 10 days?			/			/			/						
159	2030057C	Were records inspected for errors and the UST system physically inspected within 24 hours?			/			/			/						
160	2030057D	Were meters recalibrated within 48 hours of receipt of report?			/			/			/						
161	2030058A	Were measurements taken daily (SIR)?			/			/			/						
162	2030058B	Was monthly inventory calculated(SIR)?			/			/			/						
163	2030058C	Is the system capable of detecting a 0.2 gph release(SIR)?			/			/			/						
164	2030058D	Was a tank integrity test conducted every two years(SIR)?			/			/			/						
165	2030058E	Was piping test conducted within 15 days of receipt of two successive SIR reports which were inconclusive or which indicated a possible release(SIR)?			/			/			/						
166	2030058F	Were dispenser meters calibrated annually(SIR)?			/			/			/						
167	2060002	Automatic tank gauging/continuous in tank leak detection system installed/properly functioning?			/			/			/						
168	2060004A	Is UST corrosion protection installed?			/			/			/						
169	2060004B	Does field-installed cathodic protection meet the consensus standards?			/			/			/						
		ADDITIONAL COMMENTS															
170																	
171																	
172																	
173																	
174																	
175																	
176																	

Receipt of a copy of this report acknowledged by : Joe Pollock

PRINT NAME

SIGNATURE

Violation Type Number	CHSC	CCR
2010001	25286	
2010002		2635, 2712(b)
2010003		2715(a)
2010004		2715
2010005		2644.1(a)(5)
2010006	25299	
2010007	25292.2; 25299.30-25299.34	2711;
2010008		2712(b)
2010009		2637(e)
2010010	25286(a)	2711;
2010011	25404(e)(4)	
2030001		2632, 2634, 2712(b)
2030002		2638
2030003		2632, 2634, 2636, 2666
2030003		2632, 2634, 2636, 2666
2030004		2643(b)(2)
2030005		2643(b)(5)
2030006		2643(b)(1)
2030007		2631(i)
2030008	25290.1, 25290.2, 25291	
2030009		2635
2030010		2715(d)
2030011		2715(a), 2715(b)
2030012		2715(c)(6), 2715(f)
2030013		2715
2030014		2715(f)(2)
2030015		2643
2030016		2631(g), 2632(c)(2)(A)&(B), 2633(c), 2636(f)
2030017		2636(f)(5)
2030018		2636(f)(1)
2030019		2636(f)(1)
2030020	25281.5(b)(3)	
2030021	25284	2712(i)
2030022		2647, 2648
2030023		2715
2030024	28284.1(a)(5)(D)	2715;
2030025		2636(f)(2)
2030026		2636(f)(2), 2666(c)
2030027		2666(c)
2030028		2663
2030029		2663
2030030		2645
2030031		2715
2030032	25281.5(b)(2)	
2030033		2632, 2634, 2711, 2712(i)
2030034		2638(f)
2030035	25292.1(a)	
2030036		2635(b)(2), 2665
2030037	25284(a)(3)	2620(b);
2030038	25298	2670, 2672;
2030039	25299	2712;
2030040		2630(d), 2641(a)
2030041		2632(d)(1)(C), 2711(a)(8)
2030042		2636(f)(4)
2030043		2632, 2634, 2636, 2666
2030043		2632, 2634, 2636, 2666
2030044		2717.1(f)
2030045		2717.1(g)
2030046		2632, 2634(e), 2641(h), 2712(i)
2030047	25290.1(c)(2), 25290.2(c)(2), 25291(a), 25292(e)	2662;
2030048		2637
2030049		2643(d)
2030050		2643(d)
2030051		2643(e)
2030052		2641(a), 2643
2030053		2636(a)(3), 2641(b)
2030054		2635(b), 2715(c)(2)
2030055	25284.2	
2030056		2646.1(i)
2030057		2646.1(d)
2030058		2646.1
2030059	25281.6, 25283.5	
2030060		2630, 2635(d), 2636(c), 2666
2030061	25294, 25295	
2030062	25299(a)(9)	
2030063	25298	2670, 2671;
2030063	25298	2670, 2671;
2030064		2637(f), 2638(e), 2643(g), 2644.1(a)(4)
2030065	25290.1(e)	
2030066	25292.4(d), 25292.5(c)	
2030067		2644.1(a)(3)
2030068	25292.4, 25292.5	
2030069	252911(e)	
2030070	5291(a)(1)	2631(a)
2030071	25290.1(c)(1)	2631(a)
2030072	25290.2(c)(1)	2631(a)
2030073		2712(f)
2060001		2635(c)(8), 2711(a)(8)
2060002	25292(a)	2643
2060003		2635(a)(2)(B)
2060004		2635(a)(2)(A)
2060005	25291(b)	
2060006		2636
2060007		2631(d)
2060008	25290.1(i), 25290.2(i)	
2060009		2712
2060010	25292	
2060011		2631(b)
2060012	25290.1(h), 25290.2(g), 25291(f), 25292(e)	
2060013		2636(e)
2060014	25290.1, 25290.2, 25291	2638
2060015		2630(d), 2641(a)
2060016		2637
2060017		2666(c)
2060018	25292(e)(2)	2666(b)
2060019		2635(b), 2665
2060020		2635(b), 2665
2060021		23 CCR 16 2631(c), 2662(d)
2060022	25290.2(d)	
2060023	25290.1(d)	
2060024		2631.1
2060025	252911(e)	
2060026	25291(a)(1)	2631(a)
2060027	25290.1(c)(1)	2631(a)
2060028	25290.2(c)(1)	2631(a)

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
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ENVIRONMENTAL PROGRAMS DIVISION
NOTICE OF VIOLATION ORDER TO COMPLY

Date 10-10-14 Permit 55945

Owner/Operator JOE REBELO Site/File 006994-007311

Site Name BANK OF THE WEST Violation # 287564

Site Address 1977 SATURN ST City, Zip MONTEREY PARK CA. 91755

Mailing Address _____ City, Zip _____

A recent inspection of your facility revealed the following conditions and/or practices relating to hazardous materials underground storage tanks (USTs) which are violations of California Health and Safety Code (CH&SC) Chapter 6.7; Los Angeles County Code (LACC), Title 11, Division 4 and/or the conditions and limitations of the above permit.

YOU ARE HEREBY DIRECTED to submit to the office indicated below, the following items checked:

☐ **OPERATING WITHOUT A CERTIFIED / OPERATING MONITORING SYSTEM – CH&SC 25293**

YOU ARE HEREBY DIRECTED to have the monitoring system and the USTs certified immediately and the results received by this office no later than 7 Days from the date of this Notice or the contents of all underground storage tank systems are to be removed within this time period.

☑ **MISSING TEST RESULTS** – Test must be conducted and results received by this office.

- ☑ Secondary Containment Testing FAILED 10/7/14
- ☐ Tank Integrity Testing
- ☐ Corrosion Protection Certification
- ☐ AB 2481 Testing
- ☐ Line Testing
- ☐ Line Leak Detection Testing
- ☐ Financial Responsibility Certification
- ☐ Owner Statement of Designated Operator
- ☐ Facility Employee Training
- ☐ Missing Designated Operator Monthly Form
- ☐ Monitoring/Response Plan
- ☐ _____
- ☐ _____
- ☐ _____

☐ **UNREGISTERED TANKS – CH&SC 25286**

☐ **OPERATING WITHOUT A PERMIT DUE TO A CHANGE OF OWNERSHIP – CH&SC 25284 (c)**

- ☐ Complete and sign the Transfer of Ownership Application (yellow form).
- ☐ An application fee of $_____ payable to the County of Los Angeles Department of Public Works.
- ☐ verify that all Unified Program (UP) form data is accurate and uploaded to the California Environmental Reporting System (CERS) http://cersbusiness.calepa.ca.gov/Account/SignIn?ReturnUrl=%2f, including all UP UST Facility Information data, UP UST Tank Information data, for each UST, and UST Monitoring Plan data (You must include the Board of Equalization Number)
- ☐ Complete and sign the Certificate of Financial Responsibility Form
- ☐ completed and signed Response Plan
- ☐ completed and signed Owner Statement of Designated Operator
- ☐ Provide Monitoring System Certification, which is current (performed within the last 12 months).

☐ **OUT OF SERVICE UNDERGROUND STORAGE TANKS – CH&SC 25298**

Immediately remove all residual liquids, solids, or sludge stored within the USTs to a legal disposal facility. Provide copy of proof of legal disposal.

- ☐ Complete, and sign the Application for Closure.
- ☐ An Application for Closure fee of $_____ payable to the County of Los Angeles Department of Public Works.
- ☐ Complete and sign Permit Application Supplemental/Notice to File.
- ☐ verify that all Unified Program (UP) form data is accurate and uploaded to the California Environmental Reporting System (CERS) http://cersbusiness.calepa.ca.gov/Account/SignIn?ReturnUrl=%2f, including all UP UST Facility Information data, UP UST Tank Information data, for each UST, and UST Monitoring Plan data (You must include the Board of Equalization Number)
- ☐ Complete and sign the Certificate of Financial Responsibility Form
- ☐ An Operating Permit Application fee of $_____ payable to the County of Los Angeles, Department of Public Works.
- ☐ Submit an Annual Permit Maintenance fee of $_____ payable to the County of Los Angeles Department of Public Works.

YOU ARE FURTHER DIRECTED to submit to the office below evidence of compliance with the above directives by no later than fifteen (15) days from the date on this Notice, unless otherwise directed above. Failure to comply with the Underground Storage Tank laws and regulations may subject you to a civil penalty of not less than $500 or more than $5,000, or by one year in county jail or both. Additionally pursuant to LACC Title 1, § 1.25.040, each violation of any provision of this Code and each separate offense is subject to an administrative fine up to $1,000 for each separate day during which any violation occurs or continues. Furthermore, a noncompliance fee may be imposed to recover the cost incurred by this Department in the enforcement of LACC.

If you have any questions regarding this matter, please contact WALTER/ LIETDANOBE, [✓] Monday through Friday, 8 a.m. to 9:30 a.m. or [ ] Monday through Thursday, 7 a.m. to 5:30 p.m. at (323) 881-7031

Inspected By: _____
Signature

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
EAST LOS ANGELES DISTRICT OFFICE
4801 E. 3RD STREET
LOS ANGELES, CA 90022-1601

Receipt of a copy of this report acknowledged by:

Print Name: JOE REBELO	Title: CHIEF ENGINEER
Signature: _____	Date: 10/10/2014

38-0033 DPW Rev.7/13

OFFICE COPY

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 TRANS: INSP              HMS INSPECTION DISPLAY/UPDATE              OPER: E507141
  PROG: PWC160                                                     10/10/14 14:34:41

   ACTION: B (A)DD  (C)HANGE  (D)ELETE  (B)ROWSE  A(S)SC # BROWSE
   FILE #: 006994 007311 NAME: BANK OF THE WEST                SEC? N  STAT: PERM
 STREET #: 1977  FR:       DR:     NAME: SATURN                SF: ST   UN:
     CITY: MONTEREY PARK            ZIP: 91755 7418  AREA: 3M  TEL: 323 727 3636
   INSP #: I 000788451    INSP TYPE: T SCHI    INSP DT: 093014   INSP DISP: FOL1
   ASSC #: P 00005594T  ASSC # TYPE: T 0     ASSC # DT: 060993 ASSC # DISP: PERM

INSP PROC: UST_ANNUAL      SAMP REQ? _     SELF MONT? _

INSP INFO: SINGLE-WALLED_USTS_(2)_&_DOUBLE-WALLED_UST_(1)_____________________
           EMERGENCY_GENERATOR_TANKS_____________________________________________

  RESULTS: NOVC_ISSUED_FOR_FAILED_SB989_DATED_10/12/12.REPAIR_PERMIT_STILL_PEND
           ING.NO_CERS_UPLOAD.BANK_IS_MOVING_OUT.LA_COUNTY_IS_MOVING_IN._________
           # OF VIOLS FOUND:   0                COMPLY DT:

ASSIGN DT: 093014              DUE DT: 103014         ASSIGN TO: 47913_ WW____
 START DT: _______           COMP DT: 101014           COMP BY: 47913_ WW____
 DMS LINK: HTTP://PWDMS04/CSHMSEPDUSTRESULTS.ASP?DOCNO=000788451&DOCTYPE=INSP
                                        LAST TRAN/DATE/OPER: INSP 101014 E507141
 MORE ENTRIES ON NEXT PAGE
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COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

www.CleanLA.org

ENVIRONMENTAL PROGRAMS DIVISION
NOTICE OF VIOLATION ORDER TO COMPLY

Date: 11-15-16 Permit: 812530

Owner/Operator: KAIYUNG JUNES Site/Fac: 006994 - 062151

Site Name: ~~1977~~ 1977 SATURN Violation #: 8470916

Site Address: 1977 SATURN ST City, Zip: MONTEREY PARK, CA. 91755

Mailing Address: 801 N BRAND AVE SUITE 220 City, Zip: GLENDALE, CA. 91203

A recent inspection of your facility revealed the following conditions and/or practices relating to hazardous substance underground storage tanks (USTs) which are in violation of California Health and Safety Code (CH&SC) Chapter 6.7 and/or 6.11, Los Angeles County Code (LACC) Title 11 Division 4 or applicable conditions and limitations of the above permit. YOU ARE HEREBY DIRECTED to submit to the office indicated below the following items checked:

☐ OPERATING WITHOUT A CERTIFIED/OPERATING MONITORING SYSTEM – CH&SC 25290

YOU ARE HEREBY DIRECTED to have the monitoring system and the UST system certified, tested and its results reviewed by this office no later than 7 days from the date of this Notice and the contents of all UST systems are to be removed within this time period.

☐ MISSING TEST RESULTS / DOCUMENTS – Required testing/items must be conducted and results reviewed by this office

- ☐ Secondary Containment Testing
- ☐ Tank Integrity Testing
- ☐ Corrosion Protection Certification
- ☐ AB 2481 Testing
- ☐ Line Testing
- ☐ Line Leak Detector Testing
- ☐ Facility Employee Training
- ☐ Missing Designated Operator Monthly Form(s)
- ☐

☑ REQUIRED DOCUMENTS / ITEMS MUST BE SUBMITTED TO THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) –

- ☐ Facility Information Page
- ☐ Tank Information Page
- ☐ Tank Plot Plan
- ☐ Financial Responsibility Certification
- ☐ Chief Financial Officer Letter
- ☐ Owner Statement of Designated Operator
- ☐ Monitoring Plan
- ☐ Response Plan
- ☐ Owner/Operator Agreement
- ☑ Corrections needed as outline in the attached CERS printout
- ☐

YOU ARE FURTHER DIRECTED to submit to the office below evidence of compliance with the above directives by no later than fifteen (15) days from the date of this Notice. Unless otherwise noted above, failure to comply with the Underground Storage Tank laws and regulations may subject you to a civil penalty of not less than $500 or more than $5000, or by one year in county jail or both. Finally, pursuant to Title 11 of the Los Angeles County Code, Sections 11.72.015 and 11.96.020, it is a misdemeanor to violate any of the laws and regulations governing USTs including provisions of CH&SC, Division 20, Chapter 6.7 and 6.11 and regulations that are set forth in the CCR, Title 23, Division 3, Chapter 16. Failure to comply with this Notice may therefore result in criminal prosecution. Furthermore, a reinspection fee may be imposed to recover the cost incurred by this Department in the enforcement of LACC.

If you have any questions regarding this matter, please contact: LAUREN MARANAGE ☑ Monday through Friday, 8 a.m. to 9:30 a.m. or ☐ Monday through Thursday, 7 a.m. to 8:00 a.m. at (323) 890-4145

Inspected By: _____ Signature

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
EAST LOS ANGELES DISTRICT OFFICE
4801 E. 3RD STREET
LOS ANGELES, CA 90022-1601

Receipt of a copy of this report acknowledged by: EMPLOYEE TO KAIYUNG JUNES

Print name: _____ Title: _____

Signature: _____ Date: _____

OFFICE COPY

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COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
UNDERGROUND STORAGE TANK (UST) UNIT
UST INSPECTION REPORT

Date:	11/22/2016	Permit Number:	842830
Site Name:	1977 SATURN	Site-File Number:	6994 - 62151
Street Address:	1977 Saturn St.	City/Zip Code:	Monterey Park / 91755
Facility Contact:	DEAN CHRISTIAN	Inspection Number:	843516
Phone Number:	323 518 2911	Inspected By:	William Edwards

Refer to Title 23 of the California Code of Regulations (CCR), Chapters 6.7 of the Health and Safety Code (CHSC), Title 11, Division 4 of the Los Angeles County Code (LACC)

CERS ID #: 10268983

The following Code sections are either in violation (V) of, or in compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable (N).

Own ID	Own ID	Own ID	Own ID	Own ID
#1 Diesel East	#2 Diesel West	2K Diesel		
Tank Manufacturer: Owens Corning	Tank Manufacturer: Owens Corning	Tank Manufacturer: Modern Welding	Tank Manufacturer:	Tank Manufacturer:
Contents: Diesel	Contents: Diesel	Contents: Diesel	Contents:	Contents:
Install Date: 01/01/1991	Install Date: 01/01/1980	Install Date: 01/01/1990	Install Date:	Install Date:
Size: 10,000 Gallons	Size: 10,000 Gallons	Size: 2,000 Gallons	Size:	Size:

	TYPE ID	INSPECTION ITEM	V	C	N	V	C	N	V	C	N	V	C	N	V	C	N
		ADMINISTRATION / DOCUMENTATION															
1	2030078	Copy of the UST permit to operate maintained at the facility		V			C				N						
2	2030021	Facility has a valid permit to operate from the CUPA		V			C				N						
3	2010007	Financial Responsibility current and on file? exp. 4/24/17		V			C				N						
4	2010010A	Submitted an accurate CUPA UST Operating Permit Application for Facility Info.		V			C				N						
5	2010010B	Submitted an accurate CUPA UST Operating Permit Application for Tank Info.		V			C				N						
6	2010003	Has the owner/operator designated a UST operator and or change within 30 days		V			C				N						
7	2030014A	Owner/operator received approval for a training program at an unstaffed facility		V			C				N						
8	2030014B	Owner/operator implemented the approved training program		V			C				N						
9	2030037	Written agreement between the tank owner and tank operator to monitor the tank system is maintained		V			C				N						
10	2030041	A complete and accurate plot plan has been submitted, approved and maintained		V			C				N						
11	2030046	A complete and accurate response plan has been submitted, approved and maintained		V			C				N						
12	2010014	A complete and accurate response plan has been submitted and approved.		V			C				N						
13	2030007	Did they submit and maintain documentation regarding positive statement of compatibility for UST system components		V			C				N						
14	2010008D	Have they maintained written performance claims pertaining to release detection systems and calibration and maintenance records for such systems for 5 years		V			C				N						
15	2030068	Was enhanced leak detection testing conducted for the double-walled UST systems located within 1,000 feet of a public drinking water well		V			C				N						
16	2030066	Was appropriate action taken to repair and retest any component of a double-walled UST system that is leaking liquid or vapor which is discovered from an enhanced leak detection test for UST system located within 1,000 feet of a public drinking water well		V			C				N						
17	2010008A	Have they maintained records of repairs, lining, and upgrades for life of UST	X			X			X								
18	2010008B	Have they maintained written monitoring and maintenance records for 3 years	X			X			X								
19	2010008C	Have they maintained cathodic protection records for 6 1/2 years			X			X			X						
20	2030033	Is an approved monitoring plan maintained.	X			X			X								
21	2010013	A complete and accurate monitoring plan has been submitted and approved	X			X			X								
22	2030002A	Has monitoring system been certified annually 2015	X			X			X								
23	2030074	Has the owner/operator submitted the annual Monitoring system Certification Form to the CUPA within 30 days of testing.	X			X			X								
24	2030055	Have spill buckets been tested annually	X			X			X								
25	2010012	Maintained UST records of monitoring, testing, repairing and closure.	X			X			X								
26	2030077	Unauthorized release report / notification given to the Local Agency via CERS			X			X			X						

Site-File Number: 6994 - 62151

Inspection Number: 843516

Date: 11/22/2016

	TYPE ID	INSPECTION ITEM	Own ID #1 Diesel East Contents Diesel V	C	N	Own ID #2 Diesel West Contents Diesel V	C	N	Own ID 2K Diesel Contents Diesel V	C	N	Own ID Contents V	C	N	Own ID Contents V	C	N
27	2030048A	Was secondary containment testing conducted within 6 months of install/repair			X			X			X						
28	2030048B	Has secondary containment testing been conducted every 36 months	X			X			X								
29	2010009	Has secondary containment test been submitted within 30 days	X			X			X								
30	2030064	Was notification given 48 hours prior to testing (**local agency requires 72 hours)		X			X			X							
31	2060024	UST system is made of or lined with materials that are compatible with the substance stored		X			X			X							
		DESIGNATED OPERATOR															
32	2010004A	Have they maintained a copy of monthly designated operator reports for 12 consecutive months			V			C			N						
33	2010015	Maintained a list of employees trained by the Designated Operator			V			C			N						
34	2030012A	Has training been provided to facility employee(s) responsible for proper operation and maintenance every 12 months			V			C			N						
35	2030012B	Did they train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire			V			C			N						
36	2030012C	Is there at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system			V			C			N						
37	2030013A	Was the monthly alarm history report inspected by the designated operator			V			C			N						
38	2030013B	Was a copy of the alarm history report attached to the monthly designated operator report			V			C			N						
39	2030013C	Was the spill container/spill bucket inspected for the presence of liquid/debris by the designated operator			V			C			N						
40	2030013D	Was the UDC inspected by the designated operator for the presence of liquid/debris			V			C			N			N			
41	2030013E	Was the UDC inspected by the designated operator to ensure that monitoring equipment is placed in the proper position			V			C			N			N			
42	2030013F	Did the designated operator inspect for liquid/debris in the containment sump where an alarm occurred			V			C			N			N			
43	2030013G	Did the designated operator inspect the containment sump for liquid/debris for which there is no record of a service visit			V			C			N			N/A			
44	2030013H	Has all testing and maintenance been completed and documented			V			C			N						
45	2030001	Were leak detection alarm logs, maintenance and records of appropriate follow-up actions maintained			V			C			N						
		UST															
46	2030076	Tank system in below-grade structure met the conditions to exempt from UST regulations			X			X			X						
47	2030043	Has the leak detection equipment been properly programmed and properly operated			X			X			X						
48	2030016A	Is the interstitial space of the tank continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected			X			X		X							
49	2030034	Was a tag/sticker properly affixed to the monitoring equipment being certified, repaired, or replaced		X			X			X							
50	2030003	Leak detection system maintains an audible and visual alarm		X			X			X							
51	2060027	Maintain primary containment as product-tight		X			X			X							
		LINED TANKS						X Check this box is following section is N/A									
52	2030028A	Was a proper written tank lining certification submitted															
53	2030028B	Was a tank integrity test performed															
54	2030028C	Was a vacuum test performed following lining															
55	2030028D	Did they employ a proper coatings expert and/or special inspector															
56	2030029	Lined or repaired steel tank was inspected within 10 years of lining and every 5 years after															
57	2010002A	Have they maintained records of cathodic protection systems testing conducted within six months of installation and at least every three years thereafter															
58	2010002B	Have they maintained records for the 60 calendar day inspection of the impressed-current system															
59	2010002C	Have they maintained records for sacrificial anodes testing every three years															

Site-File Number: 6994 - 62151

Inspection Number: 843516

Date: 11/22/2016

	TYPE ID	INSPECTION ITEM	Own ID #1 Diesel East Install Date 01/01/1991 Contents Diesel			Own ID #2 Diesel West Install Date 01/01/1980 Contents Diesel			Own ID 2K Diesel Install Date 01/01/1990 Contents Diesel			Own ID Install Date Contents			Own ID Install Date Contents		
			V	C	N	V	C	N	V	C	N	V	C	N	V	C	N
		SINGLE WALLED TANK MONITORING																
60	2010002D	Do they have written monitoring and maintenance records on-site or off-site at a readily available location if approved	X			X					X							
61	2030004	Automatic tank gauge test the tank at least once per month at 0.1 gallons per hour		X			X				X							
62	2030005	The 0.2 gallons per hour continuous in tank leak detection performed		X			X				X							
63	2030006A	Monthly 0.2 gallons per hour automatic tank gauging performed		X			X				X							
64	2030006B	Did the automatic tank gauge generate and print a hard copy of the monthly 0.2 gph test		X			X				X							
65	2060004A	Is UST corrosion protection installed		X			X				X							
66	2060004B	Does field-installed cathodic protection meet the consensus standards		X			X				X							
67	2030009A	Was the impressed-current system inspected every 60 calendar days			X			X			X							
68	2030009C	Was the impressed-current system inspected by a cathodic protection tester within six months of installation and at least every three years thereafter			X			X			X							
69	2030009D	Were the sacrificial anodes checked by a cathodic protection tester once every three years in accordance with the manufacturer's instructions			X			X			X							
70	2030015	Facility exhibited that the method used to monitor the tank meets the monitoring methods in 2643(f)	X			X					X							
71	2060002	Automatic tank gauging/continuous in tank leak detection system installed/properly functioning		X			X				X							
		DOUBLE WALLED PRE 2003 TANKS ☐ Check this box is following section is N/A																
72	2060005	Was system constructed with a monitoring system capable of detecting entry into secondary containment			X			X		X								
		TANKS 2003 - PRESENT ☒ Check this box is following section is N/A																
73	2060008	Was enhanced leak detection testing performed before the tank was placed in use																
74	2060022A	Is the UST system installed on or after July 1, 2003 and before July 1, 2004, and designed and constructed with a monitoring system capable of detecting the entry of the hazardous substance stored in the primary containment into the secondary containment (Including Vent/Vapor Piping)																
75	2060022B	Is the UST system installed on or after July 1, 2003 and before July 1, 2004, and capable of detecting water intrusion into the secondary containment (Including Vent/Vapor Piping)																
76	2030065	Is the interstitial space maintained under constant vacuum, pressure, or hydrostatic conditions, such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance stored in the UST tank is released into the environment? (VPH - 7/2004)																
77	2060023	Is the UST system installed on or after July 1, 2004, and designed and constructed so as to detect the entry of the liquid or vapor-phase of the hazardous substance stored in the primary containment into the secondary containment and capable of detecting water intrusion into the secondary containment (VPH)																
		SPILL BUCKETS																
78	2060020A	Are spill buckets installed		X			X			X								
79	2060020B	Does the spill bucket/container have a functional drain valve or other liquid removal method		X			X			X								
80	2060020C	Is the spill bucket resistant to galvanic corrosion		X			X			X								
		SUMPS																
81	2030008C	Are the sumps in good condition (worn penetration fittings)	X			X			X									
82	2030008D	Are the sumps free of debris/liquid		X			X			X								
83	2030008E	Is the secondary containment in good condition			X			X		X								
84	2030008F	Is the secondary containment free of debris/liquid			X			X		X								
85	2030040	Is the secondarily contained piping allowed to drain back into the sump in the event of a leak			X			X		X								

Site-File Number: 6994 - 62151

Inspection Number: 843516

Date: 11/22/2016

	TYPE ID	INSPECTION ITEM	Own ID #1 Diesel East Contents Diesel V	C	N	Own ID #2 Diesel West Contents Diesel V	C	N	Own ID 2K Diesel Contents Diesel V	C	N	Own ID Contents V	C	N	Own ID Contents V	C	N
86	2030016C	Are the sumps continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected		X			X			X							
87	2030062	Is leak detection equipment set up such that the monitoring system would detect a leak at the earliest opportunity and/or alert the owner/operator of a leak (** exludes test port location at 6 o'clock postion, see line 130)		X			X			X							
88	2060015	Are the sensors located in the proper position/location		X			X			X							
		UDC															
89	2030008A	Are the UDCs in good condition	No UDC's														
90	2030008B	Are the UDCs free of debris/liquid															
		Sensor Model # or Type:															
		OVERFILL PROTECTION															
91	2030035	Was the UST system operated to prevent spills and/or overfills		X			X			X							
92	2030036A	**Overfill prevention system to meet one of the following requirements:** 1. Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm (Ball float or external alarm at 90%); **or**			X			✓			X						
93	2030036B	2. Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills (Ball float and external alarm); **or**			X			X			X						
94	2030036C	3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity (Flapper at 95%); **or**		X			X			X							
95	2030036D	4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling (Flapper below tank top fitting)		X			X			X							
		LINE LEAK DETECTORS															
96	2030075	Does the emergency generator system meet requirement for no LLD: system has audible and visual alarm, monitoring system is checked daily and/or logged.			X			X			X						
97	2060012	Does the pressurized piping system have a line leak detector installed			X			X			X						
		PIPING															
		Single walled Pressurized Piping					X	Check this box is following section is N/A									
98	2030027	Does the pump shut down when a leak is detected or when line leak detector is disconnected (Positive shutdown/failsafe)															
99	2030052	Was pressurized pipe containing motor vehicle fuel monitored at least hourly at any pressure and a 0.2 gph monthly line integrity test or 0.1 gph annual line integrity test performed															
		Single Walled Conventional Suction Piping					X	Check this box is following section is N/A									
100	2030049	Was daily monitoring conducted for air in the pipe and were the results logged															
101	2030050	Was a 0.1 gph piping integrity test conducted every three years															
		Single Walled Gravity Piping					X	Check this box is following section is N/A									
102	2030051	Was a 0.1 gph piping integrity test or overfill integrity test conducted every two yrs.															
		Single Walled Safe Suction Piping					X	Check this box is following section is N/A									
103	2030053A	Does piping drain back into UST if the suction is released															
104	2030053B	Does piping have a check valve on the piping located directly below the suction pump															
		Double Walled Pressurized Piping					X	Check this box is following section is N/A									
105	2030042A	Was an annual line integrity test performed for pressurized pipe that does not utilize fail safe or shut down															
106	2030042B	Was a passing result achieved on the annual line integrity test for pressurized pipe that does not utilize fail safe or shut down															
107	2030016B	Is the piping continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected															
108	2030017	Product piping outside the UDC is fail-safe and shuts down the pump or restricts flow															

Site-File Number: 6994 - 62151

Inspection Number: 843516

Date: 11/22/2016

	TYPE ID	INSPECTION ITEM	Own ID #1 Diesel East Contents Diesel			Own ID #2 Diesel West Contents Diesel			Own ID 2K Diesel Contents Diesel			Own ID Contents			Own ID Contents		
			V	C	N	V	C	N	V	C	N	V	C	N	V	C	N
109	2030018	Is the double wall pressurized piping in the turbine sump continuously monitored with a system that activates an audible and visual alarm or restricts or stops flow at dispenser when a leak is detected															
110	2030025A	Is the pressurized piping able to monitor at least hourly with the ability to detect of release of 3.0 gph or trigger an audible/visual alarm															
111	2030025B	Does the pressurized piping restrict product flow through the piping when a release occurs															
112	2030025C	Does the pressurized piping trigger an alarm when a release occurs															
		Other Piping															
113	2030020	Unburied fuel piping (connected to an emergency tank system) visually inspected at least monthly and log kept	X			X			X								
114	2030020X	Buried fuel piping connected to an emergency generator tank systems, the monitoring system checked at least daily by either remote electronic access or visually inspected and log kept onsite	X			X			X								
115	2030032	Unburied Marina piping conducting daily visual inspection and maintaining a log.			X			X			X						
		ENFORCEMENT															
116	2030044	Did the owner/operator deposit or allow the deposit of petroleum into a UST that has a red tag affixed to the fill pipe			X			X			X						
117	2030045	Has the Red Tag been removed, defaced, altered, or otherwise tampered with so that the information on the tag is not legible			X			X			X						
118	2030063	Were temporary closure requirements complied with			X			X			X						
119	2030038	Were permanent closure requirements complied with			X			X			X						
120	2030061	Was a suspected or actual unauthorized release recorded and/or reported in an appropriate time frame			X			X			X						
121	2010006	Owner/Operator has not made false statements or representation on any required document			X			X			X						
122	2030039	Did they comply with all of the operating permit conditions															
		MAINTENANCE															
123	2030059	UST system maintained in accordance with exclusion/exemption status for EGT			X			X			X						
124	2030047	Secondary containment maintained tight and has been confirmed by testing			X			X	X								
125	2060001	Were as-built plans submitted for the location and orientation of the tanks and appurtenant piping systems for new installations and/or with the permit application			X			X			X						
126	2060007	Was non-integral secondary containment designed and constructed to an engineering specification approved by a registered professional engineer or in accordance with a nationally recognized industry code or engineering standard			X			X			X						
127	2060021	Is a striker plate installed & positioned correctly under any opening that could be used for manual dipsticking or do they have a drop-tube mounted bottom protector		X			X			X							
128	2010005	Were enhanced leak detection testing results submitted to the board and the local agency within 60 days of test completion			X			X			X						
129	2030073	Corrective items noted by on an inspection report have been returned to compliance	X			X			X								
130	2010	System is able to detect a leak at the earliest opportunity with the test port at the 6 oclock position or the test boot pulled back		X			X			X							

INSPECTION						
Monitoring System Manufacturer's Name and Model #	VR TLS350					
Product Piping Manufacturing	A.O. Smith					DW or SW (circle one)
Line Leak Detector Model #	NA	NA	NA			
Fill Sump Sensor Model #	VR204	VR204	VR204			
Piping Sump Sensor Model #	VR351	VR351	VR351			
Annular Space Sensors	NA	NA	VR344			
Sump Sensor Model #	—					

Site-File Number: 6994 - 62151

Inspection Number: 843516

Date: 11/22/2016

		Own ID #1 Diesel East Contents Diesel			Own ID #2 Diesel West Contents Diesel			Own ID 2K Diesel Contents Diesel			Own ID Contents			Own ID Contents		
TYPE ID	INSPECTION ITEM	V	C	N	V	C	N	V	C	N	V	C	N	V	C	N
	COMMENTS															
131																
132																
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135																
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☐ Receipt of a copy of this report acknowledged by : _____ (PRINT NAME) _____ (SIGNATURE) _____ (DATE)

☒ Emailed a copy of this report to Dean_Christian@equityoffice.com (EMAIL ADDRESS) 11/23/16 (DATE)

(Dean Christian)

TRANS: INSP HMS INSPECTION DISPLAY/UPDATE OPER: E624488
PROG: PWC160 11/23/16 12:34:07

ACTION: _ (A)DD (C)HANGE (D)ELETE (B)ROWSE A(S)SC # BROWSE
FILE #: 006994 062151 NAME: 1977 SATURN SEC? N STAT: PERM
STREET #: 1977 FR: DR: NAME: SATURN SF: ST UN:
CITY: MONTEREY PARK ZIP: 91755 7418 AREA: 3M TEL: 818 334 2241
INSP #: I 000843516 INSP TYPE: T SCHI INSP DT: 093016 INSP DISP: FOL3
ASSC #: P 000842830 ASSC # TYPE: T 0 ASSC # DT: 060993 ASSC # DISP: PERM

INSP PROC: UST/ANNUAL SAMP REQ? _ SELF MONT? _

INSP INFO: CTLS_&_SB989_112216_W/GEORGE_BRYANT_CONSTRUCTION,_INC._____
TECH:RONALD_FRANKLIN,ICC_5243708_EXP_052418._____

RESULTS: 2012_SB989_REPAIR_NOT_DONE,A742663_CANCELLED;NO_OP_PERM_ON-SITE;CERS
CORR:SEE_P_DRIVE;CTLS/SB989_EXP(NO_2015_CTLS_ON_FILE);NOVC_ISSUED.__
OF VIOLS FOUND: 66 COMPLY DT:

ASSIGN DT: 093016 DUE DT: 103016 ASSIGN TO: 47913_ AREA39
START DT: _____ COMP DT: 112216 COMP BY: 47913_ WE____
DMS LINK: HTTP://PWIIS01/SPDMS/HMS.ASPX?DOCNO=000843516&DOCTYPE=INSP
LAST TRAN/DATE/OPER: INSP 112316 E624488
UPDATE COMPLETED - VERIFY PERMIT LAST INSPECTION DATE

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

Solid Waste Program

ENVIRONMENTAL PROGRAMS DIVISION
NOTICE OF VIOLATION ORDER TO COMPLY

Date 11/23/16

Owner/Operator Dean Christian

Site Name 1977 Saturn

Site Address 1977 Saturn St.

Mailing Address 401 N. Brand Ave. Ste 220

Permit #42830

Site/File 6994-62151

Violation # 647333

City/Zip Monterey Park, 91755

City/Zip Glendale, 91203

A recent inspection of your facility revealed the following conditions and/or practices relating to hazardous substance underground storage tanks (USTs) which are in violation of California Health and Safety Code (CH&SC) Chapter 6.7 and/or Title 11 Los Angeles County Code (LACC) Title 11 Division 4 and/or the conditions and limitations of the above permit. YOU ARE HEREBY DIRECTED to submit to the office indicated below the following items checked:

X OPERATING WITHOUT A CERTIFIED/OPERATING MONITORING SYSTEM CH&SC 25293

(1) YOU ARE HEREBY DIRECTED to have the monitoring system and the UST system each tested annually and the results received by this office no later than 7 Days from the date of this Notice or the contents of all UST systems are to be removed within this time period.

X MISSING TEST RESULTS / DOCUMENTS – Required testing/items must be conducted and results received by this office.

- X Secondary Containment Testing (2)
- ☐ Tank Integrity Testing
- ☐ Corrosion Protection Certification
- ☐ AB 2481 Testing
- ☐ Line Testing
- ☐ Line Leak Detection Testing
- X Facility Employee Training
- X Missing Designated Operator Monthly Form(s)
- X Underground Storage tank operating permit (keep on site)

X REQUIRED DOCUMENTS / ITEMS MUST BE SUBMITTED TO THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) –

- ☐ Facility Information Page
- X Tank Information Page
- ☐ Tank Diagram
- ☐ Financial Responsibility Certification
- ☐ Chief Financial Officer Letter
- X Owner Statement of Designated Operator
- ☐ Monitoring Plan
- X Response Plan
- X Certain/Corrosion Agreement
- X Corrections needed as outlined on the attached CERS printout
- ☐ _____

X OTHER

(1) You are required to submit your monitoring system certification test results for 2015 and 2016.

(2) A permit may be required to make repairs on previously failing items.

YOU ARE FURTHER DIRECTED to submit to the office below evidence of compliance with the above directives by no later than fifteen (15) days from the date of this Notice unless otherwise directed above. Failure to comply with the Underground Storage Tank laws and regulations may subject you to a civil penalty of not less than $500 or more than $5000, or by one year in county jail or both. Finally, pursuant to Title 11 of the Los Angeles County Code, Sections 11.72.045 and 11.36.020, it is a misdemeanor to violate any of the laws and regulations governing USTs, including provisions of CH&SC, Division 20, Chapter 6.7 and 6.11 and regulations that are set forth in the CCR, Title 23, Division 3, Chapter 16. Failure to comply with this Notice may therefore result in criminal prosecution. Furthermore, a noncompliance fee may be imposed to recover the costs incurred by the Department in the enforcement of LACC.

If you have any questions regarding this matter, please contact William Edwards at (626) 652-8605 X Monday through Friday, 8 a.m. to 5:00 p.m. or ☐ Monday through Thursday, 7 a.m. to 5:30 p.m.

Inspected By: _____ Signature

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
EAST LOS ANGELES DISTRICT OFFICE
4301 E. 3RD STREET
LOS ANGELES, CA 90022-1601

Receipt of a copy of this report is acknowledged by:

Print name: Emailed to Dean Christian Title: (Dean_Christian@equityoffice.com)

Signature: on 11/23/16 Date:

(Refusal to sign does not affect the validity of this report.)

OFFICE COPY

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

MARK PESTRELLA, Director

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
http://dpw.lacounty.gov

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE
REFER TO FILE EP-1
006994-062151

June 7, 2017

Mr. Dean Christian
BRE CA Office Owner LLC
801 North Brand Avenue, Suite 220
Glendale, CA 91203-3245

Dear Mr. Christian:

NOTICE OF RED TAGGING AND ORDER TO COMPLY (V861516)
NONCOMPLIANT UNDERGROUND STORAGE TANK
1977 SATURN
FACILITY LOCATED AT 1977 SATURN ST, MONTEREY PARK

A review of office records indicates 1977 Saturn has failed to comply with the following Notices:

- Notice of Violation and Order to Comply (V834769) dated June 20, 2016
- Notice of Violation and Order to Comply (V847096) dated November 15, 2016
- Notice of Violation and Order to Comply (V847333) dated November 23, 2016

Pursuant to California Code of Regulations (CCR), Title 23, Division 3, Chapter 16; California Health and Safety Code (CH&SC), Division 20, Chapter 6.7 and 6.11, and Los Angeles County Code (LACC), Title 11, Division 4, 1977 Saturn is directed to fully comply with this Notice and correct the following outstanding underground storage tank (UST) violation:

Records indicate that the UST's are out of service and temporary closure permit A842831 expired on April 24, 2017. Pursuant to the CH&SC, Division 20, Chapter 6.7, and LACC, Title 11, Division 4, no person shall abandon, or temporarily cease operating a UST system.

UST permanently taken out of service (Removed). In order to place the USTs permanently out of service, the following items are required to be submitted to this office:

1. completed and signed Permanent Closure Permit Application (enclosed)
2. closure application fee of $1,182 payable to the County of Los Angeles Department of Public Works
3. a plot plan to scale showing the location of the tank(s) in relation to other structures or equipment
4. Verify that all Unified Program (UP) form data is accurate and uploaded to the California Environmental Reporting System (CERS) https://cers2.calepa.ca.gov/Account/SignIn?ReturnUrl=%2F, including all UP UST Facility Information data, UP UST Tank Information data, for each UST and UST Monitoring Plan data, UST Response Plan, Certificate of Financial Responsibility and Owner Statement of Designated Operator.
5. documentation that the contents of USTs have been properly removed

You are directed to submit all correspondence items to our office no later than June 19, 2017.

1977 Saturn is cautioned that the fees quoted are based on a review of office records indicating three USTs exist at the facility; should the number of USTs at the facility differ, additional fees will be required.

Additionally, pursuant to CCR, Title 23, Division 3, Chapter 16, Article 10.5, Section 2717(a)(3), 1977 Saturn has engaged in a pattern of neglect or disregard with respect to the requirements of the CH&SC, Division 20, Chapter 6.7, resulting in a "significant violation". Therefore, pursuant to CH&SC, Division 20, Chapter 6.7, Section 25292.3, 1977 Saturn is notified that failure to comply entirely with this Notice will result in inspectors from this office affixing red tags to the USTs at the facility on or after June 20, 2017. No owner or operator of a facility may deposit or allow the deposit of petroleum into a UST system that has a red tag affixed to the system's fill pipe.

Furthermore, pursuant to the CH&SC, Division 20, Chapter 6.7, as well as the LACC, any operator or owner of a UST system may be liable for civil or administrative penalties of as much as five thousand dollars ($5,000) for each UST, for each day of a violation.

Additionally, pursuant to LACC, Title 11, Division 4, Sections 11.82.014 and 11.82.040, upon determination that significant violations(s) exist for any UST, if a Red Tag is

affixed to said UST(s) a permit noncompliance fee of $1,486 shall be collected from the permittee. The permit noncompliance fee is separate from and in addition to any civil or criminal fines or penalties that may also be imposed for violations.

Finally, pursuant to LACC, Title 11, Division 4, Sections 11.72.045 and 11.86.020, it is a misdemeanor to violate any of the laws and regulations governing USTs, including provisions of CH&SC, Division 20, Chapter 6.7, and regulations that are set forth in the CCR, Title 23, Division 3, Chapter 16. Failure to comply with this Notice may therefore result in criminal prosecution.

Your cooperation in this matter is appreciated. If you have any questions, please contact Mr. Joseph Balocco at (626) 458-3559, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

MARK PESTRELLA
Director of Public Works

TIM SMITH
Senior Civil Engineer
Environmental Programs Division

JCB:ak
P:\Sec\Cnsts\ar V861516
Enc.

cc: District Attorney's Office, Environmental Crimes/OSHA Section (Yael Massry)

Receipt of a copy of this Notice is acknowledged by:

Dean Christian		Property Manager	6/6/17
Print	Sign	Title	Date

06994-062151
C876257

Appendix VI

(Copies of Monitoring System Certification form and UST Monitoring Plot Plan available at http://www.waterboards.ca.gov.)

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name
1977 Saturn Ave Bldg. No. _____

Site Address: **1977 Saturn Ave** City: **Monterey Park** Zip: **91754**

Facility Contact Person: **Dean Christian** Contact Phone No.: **(323) 518-2912**

Make/Model of Monitoring System: **Veeder-Root TLS 350** Date of Testing/Servicing: **11/01/2017**

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: T-1 East	**Tank ID: T-2 West**
X In-Tank Gauging Probe. Model: **Mag Probe**	X In-Tank Gauging Probe. Model: **Mag Probe**
Annular Space or Vault Sensor. Model:	Annular Space or Vault Sensor. Model:
X Piping Sump / Trench Sensor(s). Model: **VR 361**	X Piping Sump / Trench Sensor(s). Model: **VR 361**
X Fill Sump Sensor(s). Model: **VR 208**	X Fill Sump Sensor(s). Model: **VR 208**
Mechanical Line Leak Detector. Model:	Mechanical Line Leak Detector. Model:
Electronic Line Leak Detector. Model:	Electronic Line Leak Detector. Model:
Tank Overfill / High-Level Sensor. Model:	Tank Overfill / High-Level Sensor. Model:
Other (specify equipment type and model in Section E on Page 2).	Other (specify equipment type and model in Section E on Page 2).
Tank ID: 2K	**Tank ID:**
In-Tank Gauging Probe. Model:	In-Tank Gauging Probe. Model:
X Annular Space or Vault Sensor. Model: **VR 344**	Annular Space or Vault Sensor. Model:
X Piping Sump / Trench Sensor(s). Model: **VR 208**	Piping Sump / Trench Sensor(s). Model:
X Fill Sump Sensor(s). Model: **VR 208**	Fill Sump Sensor(s). Model: _____
Mechanical Line Leak Detector. Model:	Mechanical Line Leak Detector. Model: _____
Electronic Line Leak Detector. Model:	Electronic Line Leak Detector. Model: _____
Tank Overfill / High-Level Sensor. Model:	Tank Overfill / High-Level Sensor. Model: _____
Other (specify equipment type and model in Section E on Page 2).	Other (specify equipment type and model in Section E on Page 2).
Dispenser ID:	**Dispenser ID:**
Dispenser Containment Sensor(s). Model:	Dispenser Containment Sensor(s). Model:
Shear Valve(s).	Shear Valve(s).
Dispenser Containment Float(s) and Chain(s).	Dispenser Containment Float(s) and Chain(s).
Dispenser ID: _____	**Dispenser ID:** _____
Dispenser Containment Sensor(s). Model: _____	Dispenser Containment Sensor(s). Model: _____
Shear Valve(s).	Shear Valve(s).
Dispenser Containment Float(s) and Chain(s).	Dispenser Containment Float(s) and Chain(s).
Dispenser ID: _____	**Dispenser ID:** _____
Dispenser Containment Sensor(s). Model: _____	Dispenser Containment Sensor(s). Model: _____
Shear Valve(s).	Shear Valve(s).
Dispenser Containment Float(s) and Chain(s).	Dispenser Containment Float(s) and Chain(s).

If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. **Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report;** ***(check all that apply)*****:** **X System set-up X Alarm history report**

Technician Name (print): **Ron Franklin** Signature: _____

Certification No.: **836408** License No.: **718466**

Testing Company Name: **George Bryant Construction, Inc.** Phone No.: **(909) 944-3517**

Testing Company Address: **9333 Golden St., Alta Loma, CA. 91737** Date of Testing/Servicing: **11/01/2017**

D Results of Testing/Servicing

Software Version Installed:

Complete the following checklist:

X Yes		No*	Is the audible alarm operational?
X Yes		No*	Is the visual alarm operational?
X Yes		No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
X Yes		No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
Yes	X	No* N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
Yes	X	No* N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment sensing system detects a leak, fails to operate, or is electrically disconnected? If yes, which sensors initiate positive shut-down? *(Check all that apply)* Sump/Trench Sensors. Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? Yes No
Yes	X	No* N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger?
Yes*	X	No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
Yes*	X	No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* Product. Water. If yes, describe causes in Section E, below.
X Yes		No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable.
X Yes		No*	Is all monitoring equipment operational per manufacturer's specifications?

* In Section E below, describe how and when these deficiencies were or will be corrected.

E. Comments:

F. In-Tank Gauging / SIR Equipment: X Check this box if tank gauging is used only for inventory control.
Check this box if no tank gauging or SIR equipment is installed

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

X Yes	No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
X Yes	No*	Were all tank gauging probes visually inspected for damage and residue buildup?
X Yes	No*	Was accuracy of system product level readings tested?
X Yes	No*	Was accuracy of system water level readings tested?
X Yes	No*	Were all probes reinstalled properly?
X Yes	No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

G. Line Leak Detectors (LLD): X Check this box if LLDs are not installed

Complete the following checklist:

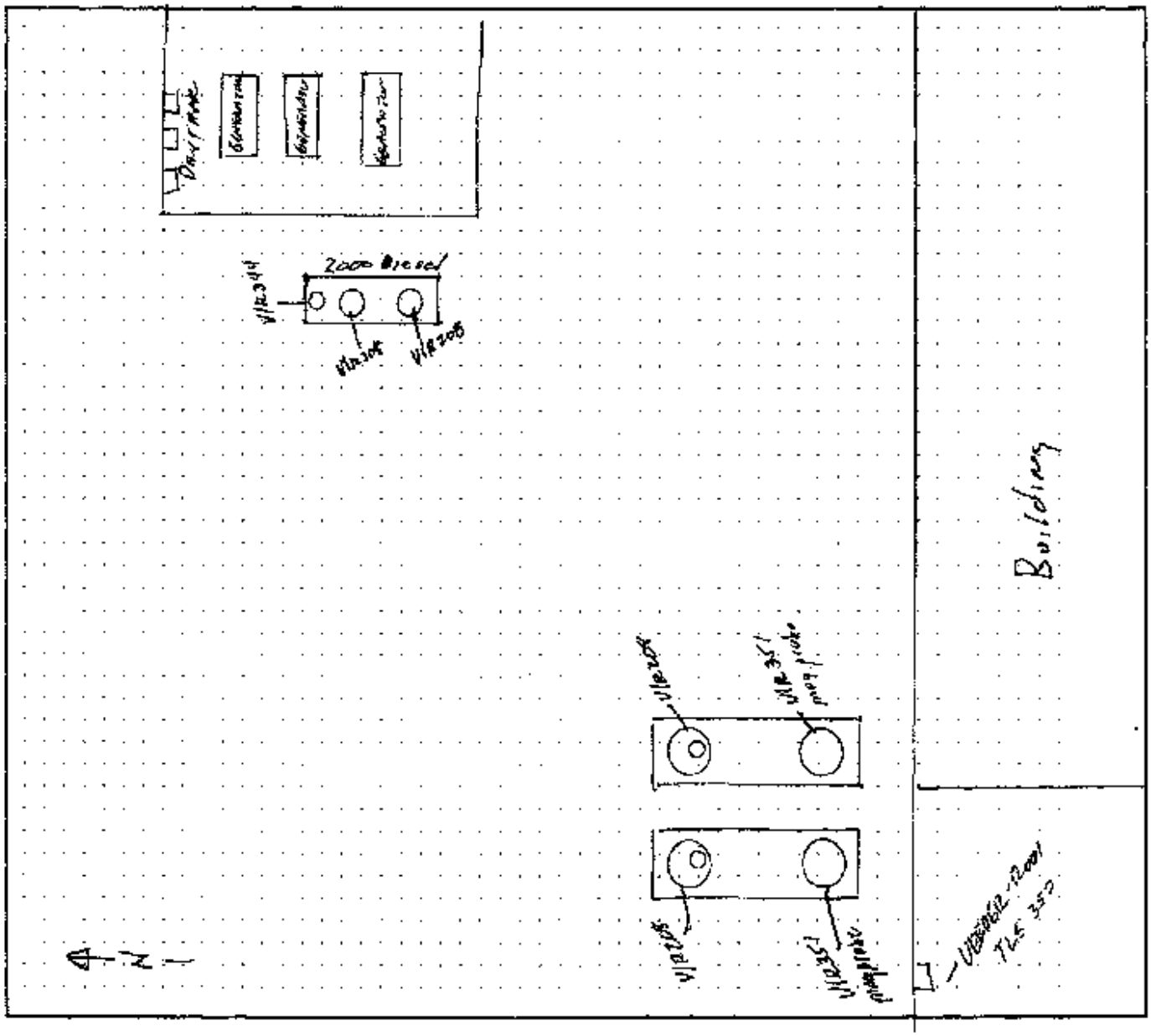
Yes	No* N/A	✓ For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: 3 g.p.h; 0.1 g.p.h; 0.2 g.p.h
Yes	No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
Yes	No*	Was the testing apparatus properly calibrated?
Yes	No* N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
Yes	No* N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
Yes	No* N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
Yes	No* N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
Yes	No* N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
Yes	No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

H. Comments: _____

UST Monitoring Site Plan

Site Address: 1977 Saturn Ave Mooring Leak Co



Date map was drawn: ____/____/____.

Instructions

If you already have a diagram that shows all required information you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name: 1Saturn Street	Date of Testing: 12/01/2017
Facility Address: 1977 Saturn Street Monterey park, CA	
Facility Contact: Dean Christian	Phone: (805) 807-1916
Date Local Agency Was Notified of Testing :	
Name of Local Agency Inspector *(if present during testing)*:Warren Watanabe	

2. TESTING CONTRACTOR INFORMATION

Company Name: George Bryant Construction	
Technician Conducting Test: Ron Franklin	
Credentials[1]: X CSLB Contractor X ICC Service Tech. SWRCB Tank Tester Other *(Specify)*	
License Number(s): 718466	

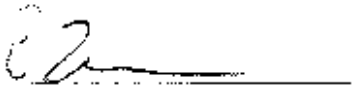
3. SPILL BUCKET TESTING INFORMATION

Test Method Used:	X Hydrostatic	Vacuum	Other	
Test Equipment Used: Visual			Equipment Resolution:	
Identify Spill Bucket *(By Tank Number, Stored Product, etc.)*	**T-1 Diesel Fill Bucket West**	**T-2 Diesel Fill Bucket East**	**T-3**	**4**
Bucket Installation Type:	Direct Bury X Contained in Sump	Direct Bury X Contained in Sump	Direct Bury X Contained in Sump	Direct Bury Contained in Sump
Bucket Diameter:	12"	12"		
Bucket Depth:	12"	12"		
Wait time between applying vacuum/water and start of test:	5 Minutes	5 minutes		
Test Start Time (T_i):	8:00	8:00		
Initial Reading (R_i):	11"	11"		
Test End Time (T_f):	9:00	9:00		
Final Reading (R_f):	11"	11"		
Test Duration ($T_f - T_i$):	1 hour	1 hour		
Change in Reading ($R_f - R_i$):	0	0		
Pass/Fail Threshold or Criteria:	.002"	.002"		
Test Result:	**X Pass ☐ Fail**	**X Pass ☐ Fail**	**Pass ☐ Fail**	**Pass ☐ Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.



[1] State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirements may be more stringent.

NK OF THE WEST
77 SATURN STREET
NTEREY PARK,CA

4 1, 2017 9:14 AM

SYSTEM STATUS REPORT

1:INVALID FUEL LEVEL

1:DELIVERY NEEDED

2:INVALID FUEL LEVEL

2:DELIVERY NEEDED

3:FUEL ALARM

INVENTORY REPORT

1:DIESEL EAST TANK
1:INVALID FUEL LEVEL
OL INVALID 301 GALS
LLAGE = 9427 GALS
0% ULLAGE= 9454 GALS
C VOLUME = 298 GALS
GT INVALID 7.02 INCHES
ATER VOL 0 GALS
ATER = 0.00 INCHES
EMP = 79.3 DEG F

2:DIESEL WEST TANK
2:INVALID FUEL LEVEL
OL INVALID 318 GALS
LLAGE = 9482 GALS
0% ULLAGE 9447 GALS
C VOLUME = 305 GALS
GT INVALID 7.12 INCHES
ATER VOL = 0 GALS
ATER = 0.00 INCHES
EMP = 79.1 DEG F

* * * * END * * * *

SYSTEM SETUP

NOV 1, 2017 9:13 AM

SYSTEM UNITS
U.S.
SYSTEM LANGUAGE
ENGLISH

BANK OF THE WEST
7977 SATURN STREET
MONTEREY PARK,CA

SHIFT TIME 1 : 8:00 AM
SHIFT TIME 2 : DISABLED
SHIFT TIME 3 : DISABLED
SHIFT TIME 4 : DISABLED

PERIODIC TEST WARNING
DISABLED
ANNUAL TEST WARNING
DISABLED

SYSTEM SECURITY
CODE : 000000

PRINT TO VOLUMES
ENABLED

TEMP COMPENSATION
VALUE (DEG F) : 60.0

COMMUNICATIONS SETUP

PORT SETTINGS:

NONE FOUND

MASTER SECURITY
CODE : 000000

RS-232 END OF MESSAGE
DISABLED

IN-TANK SETUP

1:DIESEL EAST TANK
PRODUCT CODE : 1
THERMAL COEFF : .000450
TANK DIAMETER : 92.00
TANK PROFILE : 4 PTS
TOTAL VOL : 9728
59.0 INCH VOL : 7910
46.0 INCH VOL : 4864
28.0 INCH VOL : 1818

FLOAT SIZE: 4.0 INCHES

WATER WARNING : 1.5
HIGH WATER LIMIT: 2.0

MAX OR LABEL VOL: 9728
OVERFILL LIMIT : 10%
: 8755
HIGH PRODUCT : 95%
: 9241
DELIVERY LIMIT : 20%
: 1945

LOW PRODUCT : 0
LEAK ALARM LIMIT: 50
SUDDEN LOSS LIMIT: 50
TANK TILT : 0.00

MANIFOLDED TANKS
OR: NONE

LEAK MIN ANNUAL : 0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 5 MIN

1 3:DIESEL TEST TANK
PRODUCT CODE : 3
THERMAL COEFF : .000450
TANK DIAMETER : 93.00
TANK PROFILE : 4 PTS
FILL VOL : 9728
65.0 INCH VOL : 7910
46.0 INCH VOL : 4864
27.0 INCH VOL : 1318

PROBE SIZE: 96.0 INCHES

WATER WARNING : 1.5
HIGH WATER LIMIT: 2.0

MAX OK LABEL VOL: 9728
OVERFILL LIMIT : 90%
: 8755
HIGH PRODUCT : 95%
: 9241
DELIVERY LIMIT : 20%
: 1945

LOW PRODUCT : 3
LEAK ALARM LIMIT: 50
SUDDEN LOSS LIMIT: 50
TANK TILT : 0.00

MANIFOLDED TANKS
TNK: NONE

LEAK MIN ANNUAL : 0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: ON

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 5 MIN

LEAK TEST METHOD
- - - - - - - - -
TEST MONTHLY : ALL TANK
WEEK : WED
START TIME : 1:00:00 AM
TEST RATE : 0.20 GAL/HR
DURATION : 2 HOURS

LEAK TEST REPORT FORMAT
NORMAL

LIQUID SENSOR SETUP
- - - - - - - - - - - - -

1 1:Day TANK 1
NORMALLY CLOSED
CATEGORY : DISPENSER PAN

2 2:Day TANK 2
NORMALLY CLOSED
CATEGORY : DISPENSER PAN

3 3:Day TANK 3
NORMALLY CLOSED
CATEGORY : DISPENSER PAN

4 4:2K PIPING SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

5 5:2K FILL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

6 7:10A FILL SUMP TEST
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

8 8:10K FILL SUMP TEST
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

2 MORE CL SENSOR SETUP
- - - - - - - - - - - - -

9 1:DIESEL TEST TANK
ULTRA 1
CATEGORY : PIPING SUMP

10 2:DIESEL TEST TANK
ULTRA 2
CATEGORY : PIPING SUMP

11 3:2K ANNULAR SPACE
ULTRA 2
CATEGORY : ANNULAR SPACE

OUTPUT RELAY SETUP
- - - - - - - - - - - -

ALARM HISTORY REPORT

----- SYSTEM ALARM -----
PAPER OUT
OCT 31, 2017 8:01 AM
PRINTER ERROR
NOV 1, 2017 8:43 AM
BATTERY IS OFF
JAN 1, 1995 1:00 AM

ALARM HISTORY REPORT

-- IN TANK ALARM -----

T 1:DIESEL EAST TANK

HIGH WATER ALARM
NOV 28, 2016 11:30 AM
OCT 10, 2014 10:22 AM
MAY 8, 2014 9:10 AM

OVERFILL ALARM
OCT 10, 2014 10:23 AM
DEC 5, 2008 11:05 AM
OCT 24, 2008 10:34 AM

LOW PRODUCT ALARM
NOV 23, 2016 7:03 PM
MAY 7, 2012 8:45 AM
OCT 24, 2008 10:33 AM

HIGH PRODUCT ALARM
OCT 20, 2008 10:34 AM
FEB 24, 1981 12:55 PM

INVALID FUEL LEVEL
NOV 23, 2016 7:08 PM
OCT 11, 2013 10:21 AM
OCT 11, 2013 9:57 AM

PROBE OUT
NOV 28, 2016 9:21 AM
NOV 23, 2016 11:21 AM
FEB 24, 2015 10:34 AM

HIGH WATER WARNING
NOV 28, 2016 11:25 AM
OCT 10, 2014 10:22 AM
MAY 8, 2014 9:16 AM

DELIVERY NEEDED
NOV 23, 2016 7:03 PM
MAR 24, 2015 10:34 AM
MAY 8, 2014 9:27 AM

TANK TEST ACTIVE
OCT 4, 2017 10:00 AM
SEP 6, 2017 10:00 AM
AUG 2, 2017 10:00 AM

ALARM HISTORY REPORT

----- IN-TANK ALARM -----

T 2:DIESEL WEST TANK

HIGH WATER ALARM
NOV 28, 2016 12:52 PM
OCT 10, 2014 10:15 AM
OCT 11, 2013 9:41 AM

OVERFILL ALARM
OCT 10, 2014 10:17 AM
APR 30, 2009 11:10 AM
DEC 5, 2008 11:09 AM

LOW PRODUCT ALARM
NOV 23, 2016 11:15 AM
MAY 8, 2014 9:15 AM
MAY 7, 2012 11:12 AM

HIGH PRODUCT ALARM
OCT 10, 2014 10:16 AM
OCT 24, 2008 10:34 AM

INVALID FUEL LEVEL
NOV 23, 2016 8:54 PM
OCT 10, 2014 10:15 AM
DEC 5, 2008 10:21 AM

PROBE OUT
NOV 28, 2016 9:22 AM
NOV 23, 2016 8:54 PM
NOV 23, 2016 11:19 AM

HIGH WATER WARNING
NOV 28, 2016 12:04 PM
OCT 10, 2014 10:15 AM
OCT 11, 2013 9:41 AM

DELIVERY NEEDED
NOV 23, 2016 11:19 AM
MAR 24, 2015 8:30 AM
OCT 10, 2014 10:15 AM

TANK TEST ACTIVE
OCT 4, 2017 10:00 AM
SEP 6, 2017 10:00 AM
AUG 2, 2017 10:00 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
1 1:DAY TANK 1
DISPENSER PAN
FUEL ALARM
NOV 1, 2017 9:07 AM

FUEL ALARM
NOV 22, 2016 10:02 AM

FUEL ALARM
OCT 11, 2014 9:49 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
1 2:DAY TANK 2
DISPENSER PAN
FUEL ALARM
NOV 1, 2017 9:08 AM

FUEL ALARM
NOV 22, 2016 10:02 AM

FUEL ALARM
OCT 10, 2014 9:49 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
1 3:DAY TANK 3
DISPENSER PAN
FUEL ALARM
NOV 1, 2017 9:09 AM

FUEL ALARM
NOV 22, 2016 10:02 AM

FUEL ALARM
NOV 22, 2016 10:01 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
1 4:SK PIPING SUMP
PIPING SUMP
FUEL ALARM
NOV 1, 2017 9:12 AM

FUEL ALARM
APR 28, 2017 10:31 AM

FUEL ALARM
NOV 22, 2016 10:18 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
1 5:2K FUEL SUMP
PIPING SUMP
FUEL ALARM
NOV 1, 2017 9:12 AM

FUEL ALARM
APR 28, 2017 10:19 AM

FUEL ALARM
NOV 28, 2016 12:11 PM

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www.CleanLA.com

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
UNDERGROUND STORAGE TANK (UST) UNIT
UST INSPECTION REPORT

Date:	11/1/2017	Permit Number:	842830
Site Name:	1977 Saturn St	Site-File Number:	006994-062151
Street Address:	1977 Saturn St	City/Zip Code:	Monterey Park, 91755
Facility Contact:	Dean Christian	Inspection Number:	873015
Phone Number:	818-334-2252	Inspected By:	Warren Watanabe

Refer to Title 23 of the California Code of Regulations (CCR), Chapters 6.7 of the Health and Safety Code (CHSC), Title 11, Division 4 of the Los Angeles County Code (LACC)

CERS ID #: 10268983

The following Code sections are either in violation (V) of, or in compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable (N).

	Own ID: 1	Own ID: D-5	Own ID: D-5A	Own ID:	Own ID:
	Tank Manufacturer: Modern Welding	Tank Manufacturer: Owens Corning	Tank Manufacturer: Owens Corning	Tank Manufacturer:	Tank Manufacturer:
	Contents: Diesel	Contents: Diesel	Contents: Diesel	Contents:	Contents:
	Install Date: 8/1/1991	Install Date: 1/1/1980	Install Date: 1/1/1980	Install Date:	Install Date:
	Size: 2k	Size: 10k	Size: 10k	Size:	Size:

	TYPE ID	INSPECTION ITEM	V	C	N	V	C	N	V	C	N	V	C	N	V	C	N
		ADMINISTRATION / DOCUMENTATION															
1	2030078	Copy of the UST permit to operate maintained at the facility		C			C				N						
2	2030021	Facility has a valid permit to operate from the CUPA Temp Closure Pending		C			C				N						
3	2010007	Financial Responsibility current and on file? exp. 07/28/17		C			C				N						
4	2010010A	Submitted an accurate CUPA UST Operating Permit Application for Facility Info.		V			C				N						
5	2010010B	Submitted an accurate CUPA UST Operating Permit Application for Tank Info.		V			C				N						
6	2010003	Has the owner/operator designated a UST operator and or change within 30 days		V			C				N						
7	2030014A	Owner/operator received approval for a training program at an unstaffed facility		V			C				N						
8	2030014B	Owner/operator implemented the approved training program		V			C				N						
9	2030037	Written agreement between the tank owner and tank operator to monitor the tank system is maintained		V			C				N						
10	2030041	A complete and accurate plot plan has been submitted, approved and maintained		V			C				N						
11	2030046	A complete and accurate response plan has been submitted, approved and maintained		V			C				N						
12	2010014	A complete and accurate response plan has been submitted and approved.		V			C				N						
13	2030007	Did they submit and maintain documentation regarding positive statement of compatibility for UST system components		V			C				N						
14	2010008D	Have they maintained written performance claims pertaining to release detection systems and calibration and maintenance records for such systems for 5 years		V			C				N						
15	2030068	Was enhanced leak detection testing conducted for the double-walled UST systems located within 1,000 feet of a public drinking water well		V			C				N						
16	2030066	Was appropriate action taken to repair and retest any component of a double-walled UST system that is leaking liquid or vapor which is discovered from an enhanced leak detection test for UST system located within 1,000 feet of a public drinking water well		V			C				N						
17	2010008A	Have they maintained records of repairs, lining, and upgrades for life of UST		C			C			C							
18	2010008B	Have they maintained written monitoring and maintenance records for 3 years			C			C			C						
19	2010008C	Have they maintained cathodic protection records for 6 1/2 years			C			C			C						
20	2030033	Is an approved monitoring plan maintained.	C			C			C								
21	2010013	A complete and accurate monitoring plan has been submitted and approved	C			C			C								
22	2030002A	Has monitoring system been certified annually 11-01-17		C			C			C							
23	2030074	Has the owner/operator submitted the annual Monitoring system Certification Form to the CUPA within 30 days of testing.		C			C			C							
24	2030055	Have spill buckets been tested annually 11-01-17		C			C			C							
25	2010012	Maintained UST records of monitoring, testing, repairing and closure.		C			C			C							
26	2030077	Unauthorized release report / notification given to the Local Agency via CERS			C			C			C						

Site-File Number: 006994-062151

Inspection Number: 873015

Date: 11/1/2017

			Own ID 1 Contents Diesel			Own ID D-5 Contents Diesel			Own ID D-5A Contents Diesel			Own ID Contents			Own ID Contents		
	TYPE ID	INSPECTION ITEM	V	C	N	V	C	N	V	C	N	V	C	N	V	C	N
27	2030048A	Was secondary containment testing conducted within 6 months of install/repair	✓			✓			✓								
28	2030048B	Has secondary containment testing been conducted every 36 months		✓			✓			✓							
29	2010009	Has secondary containment test been submitted within 30 days		✓			✓			✓							
30	2030064	Was notification given 48 hours prior to testing (**local agency requires 72 hours)		✓			✓			✓							
31	2060024	UST system is made of or lined with materials that are compatible with the substance stored		✓			✓			✓							
		DESIGNATED OPERATOR															
32	2010004A	Have they maintained a copy of monthly designated operator reports for 12 consecutive months								✓							
33	2010015	Maintained a list of employees trained by the Designated Operator								✓							
34	2030012A	Has training been provided to facility employee(s) responsible for proper operation and maintenance every 12 months								✓							
35	2030012B	Did they train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire								✓							
36	2030012C	Is there at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system								✓							
37	2030013A	Was the monthly alarm history report inspected by the designated operator															
38	2030013B	Was a copy of the alarm history report attached to the monthly designated operator report								✓							
39	2030013C	Was the spill container/spill bucket inspected for the presence of liquid/debris by the designated operator								✓							
40	2030013D	Was the UDC inspected by the designated operator for the presence of liquid/debris														✓	
41	2030013E	Was the UDC inspected by the designated operator to ensure that monitoring equipment is placed in the proper position														✓	
42	2030013F	Did the designated operator inspect for liquid/debris in the containment sump where an alarm occurred								✓							
43	2030013G	Did the designated operator inspect the containment sump for liquid/debris for which there is no record of a service visit								✓							
44	2030013H	Has all testing and maintenance been completed and documented								✓							
45	2030001	Were leak detection alarm logs, maintenance and records of appropriate follow-up actions maintained								✓							
		UST															
46	2030076	Tank system in below-grade structure met the conditions to exempt from UST regulations			✓			✓			✓						
47	2030043	Has the leak detection equipment been properly programmed and properly operated		✓			✓			✓							
48	2030016A	Is the interstitial space of the tank continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected		✓			✓			✓							
49	2030034	Was a tag/sticker properly affixed to the monitoring equipment being certified, repaired, or replaced		✓			✓			✓							
50	2030003	Leak detection system maintains an audible and visual alarm		✓			✓			✓							
51	2060027	Maintain primary containment as product-tight		✓			✓			✓							
		LINED TANKS ☐ Check this box is following section is N/A															
52	2030028A	Was a proper written tank lining certification submitted															
53	2030028B	Was a tank integrity test performed															
54	2030028C	Was a vacuum test performed following lining															
55	2030028D	Did they employ a proper coatings expert and/or special inspector															
56	2030029	Lined or repaired steel tank was inspected within 10 years of lining and every 5 years after															
57	2010002A	Have they maintained records of cathodic protection systems testing conducted within six months of installation and at least every three years thereafter															
58	2010002B	Have they maintained records for the 60 calendar day inspection of the impressed-current system															
59	2010002C	Have they maintained records for sacrificial anodes testing every three years															

Site-File Number: 006994-062151

Inspection Number: 873015

Date: 11/1/2017

	TYPE ID	INSPECTION ITEM	Own ID 1 Install Date 8/1/1991 Contents Diesel			Own ID D-5 Install Date 1/1/1980 Contents Diesel			Own ID D-5A Install Date 1/1/1980 Contents Diesel			Own ID Install Date Contents			Own ID Install Date Contents		
			V	C	N	V	C	N	V	C	N	V	C	N	V	C	N
		SINGLE WALLED TANK MONITORING						☐ Check this box is following section is N/A									
60	2010002D	Do they have written monitoring and maintenance records on-site or off-site at a readily available location if approved			✓			✓			✓						
61	2030004	Automatic tank gauge test the tank at least once per month at 0.1 gallons per hour			✓			✓			✓						
62	2030005	The 0.2 gallons per hour continuous in tank leak detection performed			✓		✓			✓							
63	2030006A	Monthly 0.2 gallons per hour automatic tank gauging performed			✓			✓			✓						
64	2030006B	Did the automatic tank gauge generate and print a hard copy of the monthly 0.2 gph test			✓		✓			✓							
65	2060004A	Is UST corrosion protection installed			✓			✓			✓						
66	2060004B	Does field-installed cathodic protection meet the consensus standards			✓			✓			✓						
67	2030009A	Was the impressed-current system inspected every 60 calendar days			✓			✓			✓						
68	2030009C	Was the impressed-current system inspected by a cathodic protection tester within six months of installation and at least every three years thereafter			✓			✓			✓						
69	2030009D	Were the sacrificial anodes checked by a cathodic protection tester once every three years in accordance with the manufacturer's instructions			✓			✓			✓						
70	2030015	Facility exhibited that the method used to monitor the tank meets the monitoring methods in 2643(f)			✓			✓			✓						
71	2060002	Automatic tank gauging/continuous in tank leak detection system installed/properly functioning			✓			✓			✓						
		DOUBLE WALLED PRE 2003 TANKS						☐ Check this box is following section is N/A									
72	2060005	Was system constructed with a monitoring system capable of detecting entry into secondary containment		✓				✓			✓						
		TANKS 2003 - PRESENT						☑ Check this box is following section is N/A									
73	2060008	Was enhanced leak detection testing performed before the tank was placed in use															
74	2060022A	Is the UST system installed on or after July 1, 2003 and before July 1, 2004, and designed and constructed with a monitoring system capable of detecting the entry of the hazardous substance stored in the primary containment into the secondary containment (Including Vent/Vapor Piping)															
75	2060022B	Is the UST system installed on or after July 1, 2003 and before July 1, 2004, and capable of detecting water intrusion into the secondary containment (Including Vent/Vapor Piping)															
76	2030065	Is the interstitial space maintained under constant vacuum, pressure, or hydrostatic conditions, such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance stored in the UST tank is released into the environment? (VPH - 7/2004)															
77	2060023	Is the UST system installed on or after July 1, 2004, and designed and constructed so as to detect the entry of the liquid or vapor-phase of the hazardous substance stored in the primary containment into the secondary containment and capable of detecting water intrusion into the secondary containment (VPH)															
		SPILL BUCKETS															
78	2060020A	Are spill buckets installed			✓		✓			✓							
79	2060020B	Does the spill bucket/container have a functional drain valve or other liquid removal method			✓		✓			✓							
80	2060020C	Is the spill bucket resistant to galvanic corrosion			✓		✓			✓							
		SUMPS															
81	2030008C	Are the sumps in good condition		✓			✓			✓							
82	2030008D	Are the sumps free of debris/liquid		✓			✓			✓							
83	2030008E	Is the secondary containment in good condition		✓			✓			✓							
84	2030008F	Is the secondary containment free of debris/liquid		✓			✓			✓							
85	2030040	Is the secondarily contained piping allowed to drain back into the sump in the event of a leak		✓			✓			✓							

Site-File Number: 006994-062151

Inspection Number: 873015

Date: 11/1/2017

	TYPE ID	INSPECTION ITEM	Own ID 1 Contents Diesel V	C	N	Own ID D-5 Contents Diesel V	C	N	Own ID D-5A Contents Diesel V	C	N	Own ID Contents V	C	N	Own ID Contents V	C	N
86	2030016C	Are the sumps continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected		✓			✓			✓							
87	2030062	Is leak detection equipment set up such that the monitoring system would detect a leak at the earliest opportunity and/or alert the owner/operator of a leak (** exludes test port location at 6 o'clock postion, see line 130)		✓			✓			✓							
88	2060015	Are the sensors located in the proper position/location		✓			✓			✓							
		UDC															
89	2030008A	Are the UDCs in good condition	N/A														
90	2030008B	Are the UDCs free of debris/liquid	↓														
		Sensor Model # or Type															
		OVERFILL PROTECTION															
91	2030035	Was the UST system operated to prevent spills and/or overfills		✓			✓			✓							
92	2030036A	**Overfill prevention system to meet one of the following requirements:** 1. Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm (Ball float or external alarm at 90%); **or**			✓			✓			✓						
93	2030036B	2. Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills (Ball float and external alarm); **or**			✓			✓			✓						
94	2030036C	3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity (Flapper at 95%); **or**		✓			✓			✓							
95	2030036D	4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling (Flapper below tank top fitting)		✓			✓			✓							
		LINE LEAK DETECTORS															
96	2030075	Does the emergency generator system meet requirement for no LLD: system has audible and visual alarm, monitoring system is checked daily and/or logged.			✓			✓			✓						
97	2060012	Does the pressurized piping system have a line leak detector installed			✓			✓			✓						
		PIPING															
		Single walled Pressurized Piping — ✓ Check this box is following section is N/A															
98	2030027	Does the pump shut down when a leak is detected or when line leak detector is disconnected (Positive shutdown/failsafe)															
99	2030052	Was pressurized pipe containing motor vehicle fuel monitored at least hourly at any pressure and a 0.2 gph monthly line integrity test or 0.1 gph annual line integrity test performed															
		Single Walled Conventional Suction Piping — ✓ Check this box is following section is N/A															
100	2030049	Was daily monitoring conducted for air in the pipe and were the results logged															
101	2030050	Was a 0.1 gph piping integrity test conducted every three years															
		Single Walled Gravity Piping — ✓ Check this box is following section is N/A															
102	2030051	Was a 0.1 gph piping integrity test or overfill integrity test conducted every two yrs.															
		Single Walled Safe Suction Piping — ✓ Check this box is following section is N/A															
103	2030053A	Does piping drain back into UST if the suction is released															
104	2030053B	Does piping have a check valve on the piping located directly below the suction pump															
		Double Walled Pressurized Piping — ✓ Check this box is following section is N/A															
105	2030042A	Was an annual line integrity test performed for pressurized pipe that does not utilize fail safe or shut down															
106	2030042B	Was a passing result achieved on the annual line integrity test for pressurized pipe that does not utilize fail safe or shut down															
107	2030016B	Is the piping continuously monitored such that the leak detection activates an audible/visual alarm when a leak is detected															
108	2030017	Product piping outside the UDC is fail-safe and shuts down the pump or restricts flow															

Site-File Number: 006994-062151

Inspection Number: 873015

Date: 11/1/2017

	TYPE ID	INSPECTION ITEM	Own ID 1 Contents Diesel			Own ID D-5 Contents Diesel			Own ID D-5A Contents Diesel			Own ID Contents			Own ID Contents		
			V	C	N	V	C	N	V	C	N	V	C	N	V	C	N
109	2030018	Is the double wall pressurized piping in the turbine sump continuously monitored with a system that activates an audible and visual alarm or restricts or stops flow at dispenser when a leak is detected															
110	2030025A	Is the pressurized piping able to monitor at least hourly with the ability to detect of release of 3.0 gph or trigger an audible/visual alarm															
111	2030025B	Does the pressurized piping restrict product flow through the piping when a release occurs															
112	2030025C	Does the pressurized piping trigger an alarm when a release occurs															
		Other Piping				✓ Check this box is following section is N/A											
113	2030020	Unburied fuel piping (connected to an emergency tank system) visually inspected at least monthly and log kept															
114	2030020X	Buried fuel piping connected to an emergency generator tank systems, the monitoring system checked at least daily by either remote electronic access or visually inspected and log kept onsite															
115	2030032	Unburied Marina piping conducting daily visual inspection and maintaining a log.															
		ENFORCEMENT															
116	2030044	Did the owner/operator deposit or allow the deposit of petroleum into a UST that has a red tag affixed to the fill pipe			✓			✓			✓						
117	2030045	Has the Red Tag been removed, defaced, altered, or otherwise tampered with so that the information on the tag is not legible			✓			✓			✓						
118	2030063	Were temporary closure requirements complied with			✓			✓			✓						
119	2030038	Were permanent closure requirements complied with			✓			✓			✓						
120	2030061	Was a suspected or actual unauthorized release recorded and/or reported in an appropriate time frame			✓			✓			✓						
121	2010006	Owner/Operator has not made false statements or representation on any required document			✓			✓			✓						
122	2030039	Did they comply with all of the operating permit conditions		○			C						N				
		MAINTENANCE															
123	2030059	UST system maintained in accordance with exclusion/exemption status for EGT			✓			✓			✓						
124	2030047	Secondary containment maintained tight and has been confirmed by testing	✓	N		✓	N		✓	N							
125	2060001	Were as-built plans submitted for the location and orientation of the tanks and appurtenant piping systems for new installations and/or with the permit application		✓			✓			✓							
126	2060007	Was non-integral secondary containment designed and constructed to an engineering specification approved by a registered professional engineer or in accordance with a nationally recognized industry code or engineering standard		N	✓		N	✓		N	✓						
127	2060021	Is a striker plate installed & positioned correctly under any opening that could be used for manual dipsticking or do they have a drop-tube mounted bottom protector		✓			✓			✓							
128	2010005	Were enhanced leak detection testing results submitted to the board and the local agency within 60 days of test completion			✓			✓			✓						
129	2030073	Corrective items noted by on an inspection report have been returned to compliance		✓			✓			✓							
130	2010	System is able to detect a leak at the earliest opportunity with the test port at the 6 oclock position or the test boot pulled back		✓			✓			✓							

INSPECTION

Monitoring System Manufacturer's Name and Model #	VR TLS350				
Product Piping Manufacturing	A.O. Smith	A.O. Smith	A.O. Smith		DW or SW (circle one)
Line Leak Detector Model #	N/A	N/A	N/A		
Fill Sump Sensor Model #	N/A	208	208		
Piping Sump Sensor Model #	208	352	352		
Annular Space Sensors	794	N/A	N/A		
Sump Sensor Model #	N/A				

Site-File Number: 006994-062151

Inspection Number: 873015

Date: 11/1/2017

TYPE ID	INSPECTION ITEM	Own ID 1 Contents Diesel V	C	N	Own ID D-5 Contents Diesel V	C	N	Own ID D-5A Contents Diesel V	C	N	Own ID Contents V	C	N	Own ID Contents V	C	N
	COMMENTS															
131	TEMPORARY CLOSURE PERMIT EXPIRED 10/24/17															
132	SB989 TEST DATED 04-26-17 WAS REJECTED. TEST WAS ACTUALLY ~~PERF~~ PERFORMED ON															
133	04-25-17. APRIL 2017 RESULTS ARE POST REPAIR TEST RESULTS															
134	SB989															
135	SB989 11/22/16 REJECTED FOR MAT TESTING SUMPS 4" ANNULAR PENETRATION. FILL SUMPS															
136	FAILED, UDC DIESEL SPILL BUCKET FAILED. SUMMARY PAGE MISSING ANNULAR ~~SP~~ SPACE FOR 2/L															
137	DIESEL TANK															
138	INVENTORY LEVEL IS TOO LOW FOR 0.2GPH TEST RESULTS. INVALID FUEL LEVEL.															
139																
140																
141																
142																
143																
144																
145																
146																

☐ Receipt of a copy of this report acknowledged by : _____
PRINT NAME SIGNATURE DATE

☑ Emailed a copy of this report to DEN_CHRISTIAN@EQUITYOFFICE.COM 11-02-17
EMAIL ADDRESS DATE

BANK OF THE WEST
1977 SATURN STREET
MONTEREY PARK,CA

NOV 1, 2017 10:05 AM

SYSTEM STATUS REPORT

T 1:INVALID FUEL LEVEL

T 1:DELIVERY NEEDED

T 1:TANK TEST ACTIVE

T 2:INVALID FUEL LEVEL

T 2:DELIVERY NEEDED

T 2:TANK TEST ACTIVE

INVENTORY REPORT

T 1:DIESEL EAST TANK
T 1:INVALID FUEL LEVEL

VOL INVALID		301 GALS
ULLAGE	=	9427 GALS
90% ULLAGE	=	8454 GALS
TC VOLUME	=	298 GALS
HGT INVALID		7.02 INCHES
WATER VOL	=	0 GALS
WATER	=	0.00 INCHES
TEMP	=	79.8 DEG F

T 2:DIESEL WEST TANK
T 2:INVALID FUEL LEVEL

VOL INVALID		308 GALS
ULLAGE	=	9420 GALS
90% ULLAGE	=	8447 GALS
TC VOLUME	=	305 GALS
HGT INVALID		7.12 INCHES
WATER VOL	=	0 GALS
WATER	=	0.00 INCHES
TEMP	=	79.3 DEG F

* * * * * END * * * * *

```
TRANS: INSP              HMS INSPECTION DISPLAY/UPDATE              OPER: E507141
 PROG: PWC160                                                     11/02/17 15:03:50

   ACTION: B (A)DD  (C)HANGE  (D)ELETE  (B)ROWSE  A(S)SC # BROWSE
   FILE #: 006994 062151 NAME: 1977 SATURN                    SEC? N  STAT: PERM
 STREET #: 1977  FR:       DR:     NAME: SATURN                SF: ST   UN:
     CITY: MONTEREY PARK           ZIP: 91755 7418  AREA: 3M  TEL: 818 334 2241
   INSP #: I 000873015    INSP TYPE: T SCHI    INSP DT: 092917   INSP DISP: FOL1
   ASSC #: P 000842830  ASSC # TYPE: T 0     ASSC # DT: 060993 ASSC # DISP: PERM

INSP PROC: UST/ANNUAL      SAMP REQ? _     SELF MONT? _

INSP INFO: SINGLE-WALLED USTS (2) & DOUBLE-WALLED UST (1)_____________________
           2012 SB989 FAILED. CLOSURE APPLICATION EXPIRED._____________________

  RESULTS: NOVC ISSUED FOR ERRORS ON CERS,04/26/17&11/22/16 SB989,MUST PERFORM
           6 MONTH SB989 RETEST OF REPAIRED ITEMS,TEMP CLOSURE APP EXPIRED.____
           # OF VIOLS FOUND:  16                COMPLY DT:

ASSIGN DT: 092917             DUE DT: 102917        ASSIGN TO: 47913  AREA39
 START DT: ______           COMP DT: 110217          COMP BY: 47913  WW____
 DMS LINK: HTTP://PWIIS01/SPDMS/HMS.ASPX?DOCNO=000873015&DOCTYPE=INSP
                                   LAST TRAN/DATE/OPER: INSP 110217 E507141
 END OF ENTRIES
```

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

http://DPW.LACounty.gov

ENVIRONMENTAL PROGRAMS DIVISION
NOTICE OF VIOLATION ORDER TO COMPLY

Date 11-2-17 Permit 847830

Owner-Operator DEAN CHRISTIAN Facility 006994-6627 062151

Site Name 1977 SATURN ST Violation # 875125

Site Address 1977 SATURN ST City, Zip MONTEREY PARK, 91755

Mailing Address 801 N BRAND AVE SUITE 220 City, Zip GLENDALE 91203

A recent inspection of your facility revealed the following conditions and/or practices relating to hazardous substance underground storage tanks (UST) which are in violation of California Health and Safety Code (CH&SC) Chapter 6.7 and/or Title 31 Los Angeles County Code (LACC) Title 31, Division 4 and/or the conditions and limitations of the above permit. YOU ARE HEREBY DIRECTED to submit to this office indicated below the following items checked:

☐ OPERATING WITHOUT A CERTIFIED/OPERATING MONITORING SYSTEM – CH&SC 25293

YOU ARE HEREBY DIRECTED to have the monitoring system and the UST system certified immediately and the results reviewed by this office no later than 7 Days from the date of this Notice or the contents of all UST systems are to be removed within this time period.

☑ MISSING TEST RESULTS / DOCUMENTS – Required testing/documentation must be conducted and results reviewed by this office:

- ☑ Secondary Containment Testing (6 MONTH PIST PIPING)
- ☐ Tank Integrity Testing
- ☐ Corrosion Protection Certification
- ☐ API 2481 Testing
- ☐ Line Testing
- ☐ Line Leak Detector Testing
- ☐ Facility Employee Training
- ☐ Missing Designated Operator Monthly Form(s)
- ☐ _____

☑ REQUIRED DOCUMENTS / ITEMS MUST BE SUBMITTED TO THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) –

- ☐ Facility Information Page
- ☐ Tank Information Page
- ☐ Tank Plot Plan
- ☑ Financial Responsibility Certification (EXPIRED)
- ☐ Other Financial Officer Letter
- ☐ Owner Statement of Designated Operator
- ☑ Monitoring Plan
- ☐ Response Plan
- ☐ Owner/Operator Agreement
- ☑ Corrections needed as of time in the attached CERS printout
- ☐ _____

☑ OTHER

- YOU MUST RESUBMIT THE SB989 RESULTS DATED 04/26/17 TO HAVE THE CORRECT TEST DATE. THE TEST WAS ACTUALLY PERFORMED ON 04/18/17.
- YOU MUST RESUBMIT THE SB989 RESULTS DATED 11/22/16 TO INCLUDE THE ANNULAR SPACE (2K DIESEL) ON THE SUMMARY PAGE.
- YOU MUST RESUBMIT THE 6 MONTH PIST REPAIR SB989 TEST FOR THE REPAIRED SUMPS AND DIESEL SPILL BUCKET. REPAIR TEST DATE INITIAL RETURN TEST DATE WAS 04/26/17.

YOU ARE FURTHER DIRECTED to submit to this office below evidence of compliance with the above directives by no later than fifteen (15) days from the date of this Notice, unless otherwise noted above. Failure to comply with the Underground Storage Tank laws and regulations may subject you to civil penalties of not less than $500 or more than $5000, or by one year in county jail or both. Finally, pursuant to Title 1 of the Los Angeles County Code, Sections 1.12.045 and 11.56.060, it is a misdemeanor to violate any of the laws and regulations governing USTs, including provisions of CH&SC Division 20, Chapter 6.7 and 6.11 or Legislative findings set forth in the CCR, Title 23, Division 3, Chapter 16. Failure to comply with this Notice may therefore result in criminal prosecution. Furthermore, a penalty of up to $5000 per day may be imposed to recover the cost incurred by this Department in the enforcement of ACC.

If you have any questions regarding this matter, please contact LARRY LASTRADE ☑ Monday through Friday, 8 a.m. to 9:30 a.m. or ☐ Monday through Thursday 7 a.m. to 5:30 p.m. at (626) 851-7031

Inspected by: _____ _____
Signature

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
EAST LOS ANGELES DISTRICT OFFICE
4401 E. 3RD STREET
LOS ANGELES, CA 90022-1801

Receipt of a copy of this report acknowledged by: _____

Print name: DEAN CHRISTIAN Title: PROJECT MANAGER

Signature: DEAN CHRISTIAN@SPACEEQUITYOFFICE.COM Date: 11-2-17

3600 (EPA Rev. 6)

OFFICE COPY

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

www.CleanLA.com

ENVIRONMENTAL PROGRAMS DIVISION
NOTICE OF VIOLATION ORDER TO COMPLY

Date (HAND) 11-2-17 Permit 842875

Owner/Operator DEAN CHRISTIAN Site File 006774 – 00275

Site Name 1977 SOUTH ATLANTIC ST Violation # 879925

Site Address 1977 SOUTH ATLANTIC ST City, Zip MONTEREY PARK 91755

Mailing Address 301 N BRAND AVE SUITE 220 City, Zip GLENDALE CA. 91203

A recent inspection of your facility revealed the following conditions and/or practices relating to hazardous substance underground storage tanks (USTs) which are in violation of California Health and Safety Code (CH&SC) Chapter 6.7 & 6.11; Los Angeles County Code (LACC) Title 11, Division 4 and/or the conditions and limitations of the above permit. YOU ARE HEREBY DIRECTED to submit to the office indicated below, the following items checked:

☐ **ADDITIONS/MODIFICATIONS TO THE UNDERGROUND STORAGE TANK FACILITY – CH&SC 25284**

- ☐ Complete and sign the Application for Modification.
- ☐ An application fee (to be determined at time of submittal) payable to the County of Los Angeles Department of Public Works.
- ☐ Verify that all Unified Program (UP) form data is accurate and uploaded to the California Environmental Reporting System (CERS) https://cersbusiness.calepa.ca.gov/Account/Signin?ReturnUrl=%2f including all UP UST Facility Information data, UP UST Tank Information data, for each UST, and UST Monitoring Plan data, Certificate of Financial Responsibility, UP UST Response Plan, Owner Statement of Designated Operator. (CH&SC 25404)
- ☐ Scope of Work including all of the additions/modifications.
- ☐ Four (4) sets of plans indicating the location of all additions/modifications copies of contractor's licenses, ICC and manufacturer's certifications

Noted discrepancies from approved plans dated ____

(1) YOUR PERMIT TEMPORARY CLOSURE PERMIT EXPIRED ON 10/24/17

As-builts showing the above modifications and any other modifications which were not indicated on plans approved by this office.

☐ **OPERATING WITHOUT A PERMIT DUE TO A CHANGE OF OWNERSHIP – CH&SC 25284 (c) – MUST be submitted within thirty days of the transfer.**

- ☐ Complete and sign the Transfer of Ownership Application
- ☐ An application fee (to be determined at time of submittal) payable to the County of Los Angeles Department of Public Works.
- ☐ Verify that all Unified Program (UP) form data is accurate and uploaded to the California Environmental Reporting System (CERS) https://cersbusiness.calepa.ca.gov/Account/Signin?ReturnUrl=%2f including all UP UST Facility Information data, UP UST Tank Information data, for each UST, and UST Monitoring Plan data, Certificate of Financial Responsibility, UP UST Response Plan, Owner Statement of Designated Operator. You must include a valid the Board of Equalization Number. The submittal must be made under the existing CERS ID number for the site. (CH&SC 25404)

(2) ☑ **OUT OF SERVICE UNDERGROUND STORAGE TANKS – CH&SC 25298**

Immediately remove all residual liquids, solids, or sludge stored within the USTs to a legal disposal facility. Provide copy of proof of legal disposal.

- ☑ Complete and sign the Application for Closure and Signature Date the Closure Report Requirements Form.
- ☑ Submit a Tank Location Plot Plan
- ☑ An Application for Closure fee (to be determined at time of submittal) payable to the County of Los Angeles Department of Public Works.
- ☑ Complete and sign Permit Application Supplement/Notice to File.
- ☑ Verify that all Unified Program (UP) form data is accurate and uploaded to the California Environmental Reporting System (CERS) https://cersbusiness.calepa.ca.gov/Account/Signin?ReturnUrl=%2f including all UP UST Facility Information data, UP UST Tank Information data, for each UST, and UST Monitoring Plan data, Certificate of Financial Responsibility, UP UST Response Plan, Owner Statement of Designated Operator. You must include the Board of Equalization Number if applicable. (CH&SC 25404)
- ☑ An Operating Permit Application fee (to be determined at time of submittal) payable to the County of Los Angeles, Department of Public Works.
- ☑ Submit an Annual Permit Maintenance fee (to be determined at time of submittal) payable to the County of Los Angeles Department of Public Works.

YOU ARE FURTHER DIRECTED to submit to the office below evidence of compliance with the above directives by no later than fifteen (15) days from the date on this Notice, unless otherwise directed above. Failure to comply with the Underground Storage Tank laws and regulations may subject you to a civil penalty of not less than $500 or more than $5,000, or by one year in county jail or both. Finally, pursuant to Title 11 of the Los Angeles County Code, Sections 11.72.045 and 11.86.020, it is a misdemeanor to violate any of the laws and regulations governing USTs including provisions of CH&SC, Division 20, Chapter 6.7 and 6.11 and regulations that are set forth in the CCR, Title 23, Division 3, Chapter 16. Failure to comply with this Notice may therefore result in criminal prosecution. Furthermore, a non-compliance fee may be imposed to recover the cost incurred by this Department in the enforcement of LACC.

If you have any questions regarding this matter, please contact EMANUEL CARRANZA Monday through Friday, 8 a.m. to 9:30 a.m. or Monday through Thursday, 7 a.m. to 5:30 p.m. at (323) 881-7023

Inspected By: _____ Signature

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
EAST LOS ANGELES DISTRICT OFFICE
4801 E. 3RD STREET
LOS ANGELES, CA 90022-1601

Receipt of a copy of this report acknowledged by:

Print Name: DEAN CHRISTIAN Title PROPERTY MANAGER

Signature: DEAN_CHRISTIAN@EQUITYOFFICE.COM Date: 11-2-17

38-0030 DPW Rev.9/15 OFFICE COPY

Warren Watanabe

From:	Microsoft Outlook <MicrosoftExchange329e71ec88ae4615bbc36ab6ce41109e@lacounty.gov>
To:	Dean Christian
Sent:	Thursday, November 02, 2017 3:19 PM
Subject:	Relayed: UST inspection, NOVC and CERS corrections

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

Dean Christian (Dean.Christian@equityoffice.com)

Subject: UST inspection, NOVC and CERS corrections

UST inspection, NOVC and CERS...

Secondary Containment ReTest Report Form

This form is intended for use by contractors performing periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, written test procedures, and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name: 1977 Saturn Ave	Date of Testing: 11/16/2017
Facility Address: 1977 Saturn Ave Monterey Park CA 91754	
Facility Contact: Dean Christian	Phone: (805) 207-7916
Date Local Agency Was Notified of Testing :	
Name of Local Agency Inspector *(if present during testing)*:	

2. TESTING CONTRACTOR INFORMATION

Company Name: George Bryant Construction	
Technician Conducting Test: Ron Franklin	
Credentials: ☐ CSLB Licensed Contractor XXX	☐ SWRCB Licensed Tank Tester
License Type: 718466	License Number: 718466

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires
Incon Sump Tester		

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
10 K East Fill Sump	☑	☐	☐	☐		☐	☐	☐	☐
10K East Piping Sump	☑	☐	☐	☐		☐	☐	☐	☐
10K West Fill Sump	☑	☐	☐	☐		☐	☐	☐	☐
10K West Piping Sump	☑	☐	☐	☐		☐	☐	☐	☐
10K West Spill Bucket	☑	☐	☐	☐		☐	☐	☐	☐
2K North Sump	☑	☐	☐	☐		☐	☐	☐	☐
2K South Sump	☑	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: _____ Date: 11/16/2017

6. PIPING SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer ☑ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*			
Test Method Used:	☐ Pressure ☐ Vacuum ☑ Hydrostatic ☐ Other *(Specify)*			
Test Equipment Used: Ineo Sump Tester			Equipment Resolution:	
	Sump # 10KEast	**Sump #** 10Kwest	**Sump #** 2K North	**Sump #** 2K South
Sump Diameter:	48"	48"	42"	42"
Sump Depth:	47"	47"	48"	46"
Sump Material:	Fiberglass	Fiberglass	Fiberglass	Fiberglass
Height from Tank Top to Top of Highest Piping Penetration:	10"	11"	12"	12"
Height from Tank Top to Lowest Electrical Penetration:	16"	16"	17"	16"
Condition of sump prior to testing:	good	good	good	good
Portion of Sump Tested[1]	bottom 20"	bottom 20"	bottom 22"	bottom 20"
Does turbine shut down when sump sensor detects liquid (both product and water)?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA
Turbine shutdown response time				
Is system programmed for fail-safe shutdown?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA
Was fail-safe verified to be operational?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA
Wait time between applying pressure/vacuum/water and starting test:	30 minutes	30 minutes	30 minutes	30 minutes
Test Start Time:	8:36 8:52	7:52 8:08	9:47 10:02	9:47 10:02
Initial Reading (R_I):	3.2470 3.2465	3.6844 3.6840	1.8758 1.8756	1.8742 1.8731
Test End Time:	8:51 9:07	8:07 87:23	10:02 10:18	10:02 10:18
Final Reading (R_F):	3.2464 3.2463	3.6841 3.6838	1.8755 1.8753	1.8731 1.8731
Test Duration:	15 minutes	15 minutes	15 minutes	15 minutes
Change in Reading (R_F-R_I):	.0002 .0000	.0001 .0003	.0003 .0001	.0011 .0000
Pass/Fail Threshold or Criteria:	<.002"	<.002"	<.002"	<.002"
Test Result:	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] If the entire depth of the sump is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire sump must be tested. (See SWRCB LG-160)

8. FILL RISER CONTAINMENT SUMP TESTING

Facility is Not Equipped With Fill Riser Containment Sumps ☐				
Fill Riser Containment Sumps are Present, but were Not Tested ☐				
Test Method Developed By:	☐ Sump Manufacturer	☑ Industry Standard	☐ Professional Engineer	☐ Other *(Specify)*
Test Method Used:	☐ Pressure	☐ Vacuum	☑ Hydrostatic	☐ Other *(Specify)*
Test Equipment Used: Incon Sump Tester		Equipment Resolution:		

	Fill Sump # 10KE	Fill Sump # 10KW	Fill Sump #	Fill Sump #
Sump Diameter:	48"	48"		
Sump Depth:	47"	47"		
Height from Tank Top to Top of Highest Piping Penetration:	12"	12"		
Height from Tank Top to Lowest Electrical Penetration:	18"	18"		
Condition of sump prior to testing:	good	good		
Portion of Sump Tested	bottom 22"	bottom 22"		
Sump Material:	fiberglass	fiberglass		
Wait time between applying pressure/vacuum/water and starting test:	30 minutes	30 minutes		
Test Start Time:	8:36 8:52	7:52 8:08		
Initial Reading (R_i):	3.9887 3.9884	5.3085 5.3083		
Test End Time:	8:51 9:07	8:07 8:23		
Final Reading (R_f):	3.9885 3.9884	5.3084 5.3080		
Test Duration:	15 minutes	15 minutes		
Change in Reading (R_f-R_i):	.0002 .0000	.0001 .0003		
Pass/Fail Threshold or Criteria:	<.002"	<.002"		
Test Result:	☑ Pass ☐ Fail	☑ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail
Is there a sensor in the sump?	☑ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Does the sensor alarm when either product or water is detected?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

9. SPILL/OVERFILL CONTAINMENT BOXES

Facility is Not Equipped With Spill/Overfill Containment Boxes ☐				
Spill/Overfill Containment Boxes are Present, but were Not Tested ☐				
Test Method Developed By:	☐ Spill Bucket Manufacturer	☑ Industry Standard	☐ Professional Engineer	☐ Other *(Specify)*
Test Method Used:	☐ Pressure	☑ Vacuum	☐ Hydrostatic	☐ Other *(Specify)*
Test Equipment: Used: Incon Sump Tester			Equipment Resolution:	

	Spill Box # 10W	Spill Box #	Spill Box #	Spill Box #
Bucket Diameter:	12"			
Bucket Depth:	14"			
Wait time between applying pressure/vacuum/water and starting test:	5 minutes			
Test Start Time:	7:52 8:08			
Initial Reading (R_I):	2.4524 2.4519			
Test End Time:	8:07 8:23			
Final Reading (R_F):	2.4519 2.4519			
Test Duration:	15 minutes			
Change in Reading (R_F-R_I):	.0005 .0000			
Pass/Fail Threshold or Criteria:	<.002"			
Test Result:	☑ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

EQUITY OFFICE
1977 SATURN AVE
MONTEREY PARK CA

11/16/2017 8:51 AM

SUMP LEAK TEST REPORT

EFILL

TEST STARTED	8:36 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	3.9883 IN
END TIME	8:51 AM
END DATE	11/16/2017
END LEVEL	3.9885 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

WPIPING

TEST STARTED	8:36 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	3.2470 IN
END TIME	8:51 AM
END DATE	11/16/2017
END LEVEL	3.2464 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

EQUITY OFFICE
1977 SATURN AVE
MONTEREY PARK CA

11/16/2017 9:07 AM

SUMP LEAK TEST REPORT

EFILL

TEST STARTED	8:52 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	3.9884 IN
END TIME	9:07 AM
END DATE	11/16/2017
END LEVEL	3.9884 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

WPIPING

TEST STARTED	8:52 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	3.2465 IN
END TIME	9:07 AM
END DATE	11/16/2017
END LEVEL	3.2463 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

EQUITY OFFICE
1977 SATURN AVE
MONTEREY PARK CA

11/16/2017 8:07 AM

SUMP LEAK TEST REPORT

WFILL

TEST STARTED	7:52 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	5.3085 IN
END TIME	8:07 AM
END DATE	11/16/2017
END LEVEL	5.3084 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

WPIPING

TEST STARTED	7:52 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	3.6844 IN
END TIME	8:07 AM
END DATE	11/16/2017
END LEVEL	3.6841 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

WBUCKET

TEST STARTED	7:52 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	2.4524 IN
END TIME	8:07 AM
END DATE	11/16/2017
END LEVEL	2.4519 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

EQUITY OFFICE
1977 SATURN AVE
MONTEREY PARK CA

11/16/2017 8:23 AM

SUMP LEAK TEST REPORT

WFILL

TEST STARTED	8:08 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	5.3083 IN
END TIME	8:23 AM
END DATE	11/16/2017
END LEVEL	5.3080 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

WPIPING

TEST STARTED	8:08 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	3.6840 IN
END TIME	8:23 AM
END DATE	11/16/2017
END LEVEL	3.6838 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

WBUCKET

TEST STARTED	8:08 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	2.4519 IN
END TIME	8:23 AM
END DATE	11/16/2017
END LEVEL	2.4519 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

EQUITY OFFICE
1977 SATURN AVE
MONTEREY PARK CA

11/16/2017 10:02 AM

SUMP LEAK TEST REPORT

2KSOUTH

TEST STARTED	9:47 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	1.8742 IN
END TIME	10:02 AM
END DATE	11/16/2017
END LEVEL	1.8731 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

2KNORTH

TEST STARTED	9:47 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	1.8758 IN
END TIME	10:02 AM
END DATE	11/16/2017
END LEVEL	1.8755 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

EQUITY OFFICE
1977 SATURN AVE
MONTEREY PARK CA

11/16/2017 10:18 AM

SUMP LEAK TEST REPORT

2KSOUTH

TEST STARTED	10:02 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	1.8731 IN
END TIME	10:18 AM
END DATE	11/16/2017
END LEVEL	1.8731 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

2KNORTH

TEST STARTED	10:02 AM
TEST STARTED	11/16/2017
BEGIN LEVEL	1.8756 IN
END TIME	10:18 AM
END DATE	11/16/2017
END LEVEL	1.8755 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

FORM VALID JULY 1, 2017 TO JUNE 30, 2018

CLOSURE AUTHORIZATION FOR HAZARDOUS SUBSTANCE UNDERGROUND STORAGE TANKS

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS (DPW)
Environmental Programs Division
900 South Fremont Avenue, 3rd Floor Annex Building
Alhambra, CA 91803-1331
Phone Number (626) 458-3517, Fax Number (626) 458-3569
www.OneLA.com

DPW USE ONLY
SITE-FILE NO. 6994 - 62151
APP NO. 9050946 AREA 3M
CHECK [X] CASH [ ] OTHER [ ]
FEES 1421.00

CLOSURE REQUESTED:

- [ ] PERMANENT UST REMOVAL
- [ ] PERMANENT UST CLOSURE IN PLACE - Attach Justification Statement
- [X] TEMPORARY CLOSURE
- [ ] OTHER (ONLY PIPING, UNDER DISPENSER CONTAINMENT, ETC). EXPLAIN _____

ATTACH PLOT PLAN Show existing tanks, piping and dispenser locations, etc. (to scale)

FACILITY California Environmental Reporting System (CERS) ID _____ DATE INFORMATION SUBMITTED TO CERS _____

HOW MANY UNDERGROUND STORAGE TANKS WILL REMAIN AFTER THIS CLOSURE? 0 EXISTING HSUSP NUMBER: 0418301

Who is closing the UST(s)? [ ] UST OWNER/OPERATOR OR [X] CONTRACTOR

Email address of UST owner/operator or recipient: ron@georgebayatconst.com

FACILITY TO BE CLOSED (VERIFICATION FOR NOTIFICATIONS):

Facility Name: Equity office Phone: (323) 430-7081
Facility Address: 1977 Saturn St City: Monterey Park Zip: 91755
Tank Owner/Contact: Robert Del Hierro Title: Manager
Contractor Name: George Bayat Construction Phone: 909 944-3517
Contractor License No.: 716466 Class(es): A B C61 C22 HAZ

Contractors Shall Be Hazardous Substances Removal Certified "HAZ" per California Business & Professions Code Division 3, Chapter 9, Article 4, §7058.7 (a)

NUMBER OF USTs TO BE CLOSED	UST I.D NO. (DPW USE ONLY)	CAPACITY GALLONS	SUBSTANCES STORED (PAST/PRESENT)	CLOSURE FEE
1				$ 975.00
2				$1,158.00
3				$1,421.00
4				$1,641.00
5				$1,807.00
6 (+ ATTACH LIST)				$752.00 + $223.00 per UST =

Closure of Underground Storage Tanks (USTs) shall be in compliance with Los Angeles County Code Title 11, Division 4

COMPLETE SURVEY:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[X]
Has a structural repair ever been made to these underground storage tanks?	[ ]	[X]
Will new underground storage tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES IN TANKS TO BE CLOSED, MAY BE HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE DIVISON 20, CHAPTER 6.5 AND MUST BE REPORTED IN THE CLOSURE REPORT. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below, you certify that all statements and disclosures above are true and correct.
You have read and agree to abide by this authorization and all conditions and limitations on the back and attached.

Authorization Recipient (Print Name): Ronald Franklin Phone: 909 944-3517
Recipient's Signature: [signature] Date: 10/25/16
Recipient is: UST Owner [ ] UST Operator [ ] or Contractor [X] (Written authorization is required for submittals made on behalf of owner/operator.)

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS.

THIS AUTHORIZATION EXPIRES: 6/24/2018

*****SEE ATTACHMENTS*****

MARK PESTRELLA
Director of Public Works

By [signature] Date: 10/24/2017

 Complete Certification of Compliance with Los Angeles County Lobbyist Ordinance on back ClosApp FORMAT DPW Rev. 07/17

UNDERGROUND STORAGE TANKS
CLOSURE INFORMATION

1. This authorization to temporarily or permanently close an underground storage tank (UST) pursuant to Los Angeles County Code, Title 11, Division 4. This authorization may also be used for product piping removal associated with an existing or removed USTs.

2. This authorization will not be approved unless a valid Hazardous Substance Underground Storage Permit (HSUSP) application is on file with the DPW or an Unified Program Facility Permit has been issued by the Certified Unified Program Agency (CUPA).

3. Submittals, including this authorization, made on behalf of the UST owner, operator, or Unified Program permit owner or operator shall be accompanied by written authorization.

4. USTs closed on site by removal, or cleaning and filling with an inert solid substance prior to January 1, 1984, need not comply with current closure requirements, however, contamination related to these USTs must be reported and investigated.

5. All work shall be carried out in full compliance with all applicable federal, state and local laws, ordinances, rules and regulations.

6. All fees due to DPW and/or to the CUPA for the operation and/or maintenance of the facility subject to closure through the date of closure shall be paid in full.

7. Closure authorizations are site specific and may be subject to additional sampling and site characterization requirements as necessary to protect the public health and safety, underground and surface water supplies, and may include requirements, requested by Federal, State or other regulatory agencies.

8. All inspection notification(s) shall be made as directed by the attached conditions of this approval.

9. Within 30 days after closure, all requirements of this Closure authorization shall be furnished to the DPW in a closure report per the DPW Closure Report Requirements and Supplements, describing; all work completed, results of any required sampling, disposition of any contaminated soils or substances found and any other requirements made part of the closure application as well as submittal to the CERS database of the Unified Program LIST FACILITY and LIST TANK information for each UST permanently closed. http://cers.calepa.ca.gov/

10. In all cases, closure authorizations expire 180 days from the date of issue unless otherwise specified. It is the responsibility of the owner or operator to make sure that the final report contains the required information and is submitted to the DPW within 30 days from the sampling date or 180 days from the date of the permit issuance, whichever is earlier. The total number of tanks listed on the HSUSP or UP Permit and the yearly annual permit maintenance billing will remain uncharged until the closure report is received by the DPW. Only one copy of the closure report needs to be submitted unless otherwise directed.

11. This Closure Authorization is considered complete when all requirements of this Closure Authorization and the Permit have been met.

12. The DPW will review the closure report and will issue closure certification with no further action when all requirements of this Closure Authorization and Permit have been met, and where no unauthorized release has been found.

13. If an unauthorized release has occurred or any detected constituent in soil or groundwater is found above the method detection limit of an analytical method as identified in the laboratory testing requirements, reporting of this unauthorized release must comply with the Health and Safety Code Division 20, Chapter 6.7.

14. Where an unauthorized release has occurred, referral of the closure report will be made to a Regional Water Quality Control Board or State Water Resources Control Board who will then provide further direction until closure certification is issued.

15. All correspondence related to this closure authorization shall include the SITE-FILE numbers listed on the front of this document, found in the upper right box and be addressed to the following location:

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 SOUTH FREMONT AVENUE
ALHAMBRA, CA 91803-1331

CERTIFICATION OF COMPLIANCE WITH LOS ANGELES COUNTY LOBBYIST ORDINANCE

This is to certify that I as person applicant for the project located at 1927 Sutherland Dr Monterey Park
LOCATION ADDRESS

am familiar with the requirements of Los Angeles County Code Chapter 2.160 et seq., relating to the Los Angeles County Lobbyist Ordinance) and all persons acting on behalf of myself have complied and will continue to comply therewith throughout the application process.

David Tanaka
APPLICANT (PRINT NAME)

APPLICANT SIGNATURE

George Bryan Corp
COMPANY NAME (If employed by an environmental agency)

10/25/16
DATE

* If you suspect fraud or wrongdoing by a County employee, please report it to the County Fraud Hotline at 1-800-544-6861 or http://fraud.lacounty.gov/ You may remain anonymous.

EQ Office

TO:
Los Angeles County of Public Works

RE:
1977 Saturn Street, Monterey Park, CA 91755

On behalf of our company, we authorize Ron Franklin with George Bryant Construction Inc. to obtain a temporary closure permit to pull the Underground Storage Tanks at 1977 Saturn Street in Monterey Park.

Maya Collins
Property Manager
mcollins@eqoffice.com
805-719-6290

265 N Euclid Avenue
Suite 425
Pasadena, CA 91101
(855) 767-8810

SUPPLEMENT
APPLICATION FOR TEMPORARY CLOSURE

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
Environmental Programs Division

DPW USE ONLY:

SITE FILE NO. 6914 - [illegible] RO 314

APPLICATION NO. [illegible]

This supplement must be submitted with the Application For Closure. You must notify this office two working days in advance to schedule an appointment for an inspection of the temporary closure.

Pursuant to California Code of Regulations (CCR), Title 23, Division 3, Chapter 16, Article 7:

1. All residual liquid, solids, or sludge shall be removed and handled in accordance with the applicable provisions of Chapter 6.5 and Chapter 6.7 of Division 20 of the California Health and Safety Code (CH&SC). Copies of all completed hazardous waste manifests and bills of lading must be provided to this office prior to final approval of temporary closure.
2. If the underground storage tank(s) contained a hazardous substance that could produce flammable vapors at standard temperature and pressure, then the underground storage tank(s) shall be inerted, as often as necessary, to levels that will preclude an explosion or to such lower levels as may be required by this office.
3. Except for required venting, all fill and access locations and piping shall be sealed using locking caps or concrete plugs.
4. Power service shall be disconnected from all pumps associated with the use of the underground storage tank(s) unless the power services some other equipment which is not being closed, such as the impressed-current cathodic protection system, and/or the monitoring system and sensors.
5. The underground storage tank(s) shall be inspected by the owner or operator at least once every three months to verify that the temporary closure measures are still in place. The inspection shall include at least the following actions:
    a. Visual inspection of all locked caps and/or concrete plugs.
    b. If locking caps are used, at least one shall be removed to determine if any liquids or other substances have been added to the underground storage tank(s) or if there has been a change in the quantity or type of liquid added.

All approved monitoring requirements remain in place throughout the duration of the Temporary Closure. Monitoring equipment must continue to be certified annually.

Other:

_____

_____

_____

The owner may terminate the temporary closure at any time and reuse the underground storage tank(s) only if the USTs meet the requirements of CH&SC Division 20, Chapter 6.7, CCR Title 23, Division 3, Chapter 16 and with approval from this office. The Temporary Closure will expire 180 days from date of issuance (County Code 11.82.020 B). The Temporary Closure may be extended for an additional 180 days for one half the Closure Permit fee. At the conclusion of 12 months the extended Temporary Closure Permit is expired. Pursuant to CCR Title 23, Division 3, Chapter 16 Section 2670 (b), at the end of 12 consecutive months during which the tank is temporarily closed, this office may approve an extension of the temporary closure period for a maximum additional period of up to 12 months. Owners and operators shall complete a site assessment in accordance with CCR Title 23, Division 3, Chapter 16, Section 2672 (d) before an extension may be granted by this office.

APPLICANT SIGNATURE Ronald Franklin DATE 10/20/16

PRINT NAME Ronald Franklin

FORM VALID JULY 1, 2018 TO JUNE 30, 2019

DPW USE ONLY:
SITE FILE NO. 6994 - 602151
APP NO. 405099 APP # 3M
CHECK ☑ CASH ☐ OTHER ☐
FEE $ 1267.00

CLOSURE AUTHORIZATION FOR HAZARDOUS SUBSTANCE UNDERGROUND STORAGE TANKS

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS (DPW)
Environmental Programs Division
900 South Fremont Avenue, 8th Floor Annex Building
Alhambra, CA 91803-1331
Phone Number (626) 458-3517 Fax Number (626) 458-3565
www.dpw.lacounty.gov

CLOSURE REQUESTED:

- ☑ PERMANENT UST REMOVAL
- ☐ PERMANENT UST CLOSURE IN-PLACE - Attach Justification Statement
- ☐ TEMPORARY CLOSURE
- ☐ OTHER (ONLY PIPING UNDER DISPENSER CONTAINMENT, ETC), EXPLAIN:

ATTACH PLOT PLAN Show existing tanks, piping and dispenser locations, etc., (to scale)

FACILITY California Environmental Reporting System (CERS) ID: DATE INFORMATION SUBMITTED TO CERS:

HOW MANY UNDERGROUND STORAGE TANKS WILL REMAIN AFTER THIS CLOSURE? 0 EXISTING HSUSP NUMBER 6946.00

Will the existing tank(s)? ☐ UST OWNER/OPERATOR OR ☑ CONTRACTOR

Email address of UST owner/operator or recipient: ron@georgebryantcoast.com

FACILITY TO BE CLOSED (VERIFICATION FOR NOTIFICATIONS):

Facility Name: Equity office. Phone: 909 944 3517
Facility Address: 1777 Saroni st City: Monterey Park Zip: 91755
Tank Owner Contact: Maya Celtric Title: property Manager
Contractor Name: George Bryant Construction Phone: 909 944 3517
Contractor License No.: 718466 Class(s): A B C21 C22 HAZ

Contractor's Duty: Before Hazardous Substance Removal Complete "HAZ" Section of Form & Provide to Owner/Operator. (Cal. Code Regs., Tit. 8, Sec. 1532.1, Subd. (e)(2)(A))

NUMBER OF USTs TO BE CLOSED	UST ID NO (DPW USE ONLY)	CAPACITY (GALLONS)	SUBSTANCE STORED (PAST/PRESENT)	CLOSURE FEE
1				$ 1,143.00
2				$1,653.00
3				$1,407.00
4				$1,959.00
5				$2,151.00
6 = ATTACH LIST				$281.00 + $282.00 per UST

Closure of Underground Storage Tanks (USTs) shall be in compliance with Los Angeles County Code Title 11, Division 4

COMPLETE SURVEY:

	YES	NO
Has an unauthorized release ever occurred at this site?	☐	☒
Has a structural repair ever been made to these underground storage tanks?	☐	☒
Will these underground storage tanks be removed after closure?	☐	☒
Will any wells, including monitoring wells, be abandoned?	☐	☒

NOTICE: CONTAMINATED TANKS AND RESIDUES IN TANKS TO BE CLOSED, MAY BE HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE DIVISION 20, CHAPTER 6.5 AND MUST BE REPORTED IN THE CLOSURE REPORT. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below, you certify that all statements and disclosures above are true and correct.
You have read and agree to abide by this authorization and all conditions and limitations on the back and attached.

Authorization Recipient (Print Name): Ronnie Franklin Phone: 909 944 3517
Recipient's Signature: Date: 10/25/18
Recipient is: UST Owner ☐ UST Operator ☐ or Contractor ☑ Written authorization is required for all entities made to act on the owner/operator's behalf

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.36.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS.

THIS AUTHORIZATION EXPIRES: 04/29/2019 ***SEE ATTACHMENTS***

MARK PESTRELLA
Director of Public Works

By: Date: 10/25/2018

UNDERGROUND STORAGE TANKS
CLOSURE INFORMATION

1. This authorization to temporarily or permanently close an underground storage tank (UST) pursuant to Los Angeles County Code, Title 11, Division 4. This authorization may also be used for product piping removal associated with an existing or removed USTs.

2. This authorization will not be approved unless a valid Hazardous Substance Underground Storage Permit (HSUSP) application is on file with the DPW or an Unified Program Facility Permit has been issued by the Certified Unified Program Agency (CUPA).

3. Submittals, including this authorization, made on behalf of the UST owner, operator, or Unified Program permit owner or operator shall be accompanied by written authorization.

4. USTs closed on site, by removal, or cleaning and filling with an inert solid substance prior to January 1, 1984, need not comply with current closure requirements. However, contamination related to those USTs must be reported and investigated.

5. All work shall be carried out in full compliance with all applicable federal, state and local laws, ordinances, rules and regulations.

6. All fees due to DPW and/or to the CUPA for the operation or the maintenance of the facility subject to closure through the date of closure shall be paid in full.

7. Closure authorizations are site specific and may be subject to additional sampling and site characterization requirements as necessary to protect the public health and safety, underground and surface water supplies, and may include requirements requested by Lenders, State or other regulatory agencies.

8. All inspection notification(s) shall be made as directed by the attached conditions of this approval.

9. Within 30 days of the closure, all requirements of this Closure Authorization shall be furnished to the DPW in a closure report per the DPW Closure Report Requirements and Supplements, describing all work completed, results of any required sampling, disposition of any contaminated soils or substances found and any other requirements made part of the closure application as well as submittal to the CERS database of the Unified Program UST FACILITY and UST TANK information for each UST permanently closed. http://cers.calepa.ca.gov/

10. In all cases, closure authorizations expire 180 days from the date of issue unless otherwise specified. It is the responsibility of the owner or operator to make sure that the final report contains the required information and is submitted to the DPW within 30 days from the sampling date or 180 days from the date of the permit issuance, whichever is earlier. The total number of tanks listed on the HSUSP or UF Permit and the yearly annual permit maintenance billing will remain unchanged until the closure report is received by the DPW. Only one copy of the closure report needs to be submitted - unless otherwise directed.

11. This Closure Authorization is considered complete when all requirements of this Closure Authorization and the Permit have been met.

12. The DPW will review the closure report and will issue closure certification within 90 days after all requirements of this Closure Authorization and Permit have been met, and where no unauthorized release has been found.

13. If an unauthorized release has occurred or any detected constituent in soil or groundwater is found above the method detection limit of an analytical method as identified in the laboratory testing requirements, reporting of this unauthorized release must comply with the Health and Safety Code Division 20, Chapter 6.7.

14. Where an unauthorized release has occurred, referral of the closure report will be made to a Regional Water Quality Control Board or State Water Resources Control Board who will then provide further direction until closure certification is issued.

15. All correspondence related to this closure authorization shall include the SITE-FILE numbers listed on the front of this document, found in the upper right box and be addressed to the following location:

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 SOUTH FREMONT AVENUE
ALHAMBRA, CA 91803-1331

CERTIFICATION OF COMPLIANCE WITH
LOS ANGELES COUNTY LOBBYIST ORDINANCE

I/We hereby certify that I/we permit applicant for the parcel located at 1922 Eastern ST Monterey Park
(LOCATION ADDRESS)
am familiar with the requirements of Los Angeles County Code Chapter 2.160 et seq. (relating to Los Angeles County Lobbyist Ordinance) and certify that I/we and all Contractors have complied with the ordinance as to the work I/we brought before the application process.

Ronald Fronstin — APPLICANT (PRINT NAME)
Ronald Fronstin — APPLICANT SIGNATURE
George Bayuk Construction — COMPANY NAME (if employed by an entity/agency)
10/25/15 — DATE

If you suspect fraud or wrongdoing by a County employee, please report it to the County Fraud Hotline at (800) 544-6861 or http://fraud.lacounty.gov/. You may remain anonymous.

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the County of Los Angeles Department of Public Works, Environmental Programs Division, P.O. Box 1460, Alhambra, California 91802-1460, containing:

1. File number of facility and closure permit number.
2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.
3. Description of methods for obtaining, handling, and transporting samples.
4. Time and date samples were obtained.
5. Soil sampling certification (including but not limited to soils classification, boring logs, sample procedures, sample locations, initiating chain-of-custody, and groundwater location) for Underground Storage Tank closure shall be certified by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils. The certification must clearly state that all work was performed under the supervision of the person signing.
6. Chain-of-custody documentation initiated by person obtaining sample through person at a California Department of Health Services certified laboratory.
7. Disposal destination of tanks and evidence of legal disposal.
8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction, and methods of analysis.
9. Documentation as to depth of groundwater at facility.
10. Manifests to document hazardous waste disposal of any removed soil and tank rinsate.
11. Evidence of legal disposal of soils designated as nonhazardous.
12. Any observations of site contamination.
13. Report to be signed by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils.
14. Submit to the California Environmental Reporting System (CERS) the date the UST was permanently closed for all tanks removed or closed in-place.

Print Name Ronald Franklin

Signature _____ Date 10/29/10

UST_CLOSREQ.07/16

CERS Business

Home | Submittals | Facilities | Compliance | My Business

UST Facility Operating Permit Application: [redacted]

Home » Prepare Submittal » UST: UST Facility Operating Permit Application (Draft)

You must complete this form within 30 days of all new permits, permit changes, or facility information changes. You will also need to update/confirm your tank monitoring plan and other pertinent UST-related forms.

All facilities **must** provide a BOE Number. Valid numbers are 8 digits long starting with the numbers 44... State and federal facilities should use 44032062. If **ALL** underground tanks at your facility **ONLY** contain NON petroleum productions, you can provide this generic BOE Number: 44000000. Contact your local regulator if you are unsure what number to provide.

The former paper version of this form was called "UST Operating Permit Application-Facility Information" (Form A).

More information about UST Financial Responsibility Mechanisms is available at the Water Board's Underground Storage Tank Cleanup Fund Financial Responsibility Web page.

Click this field to reflect permanent UST closure.

Cancel

Type of Action

Confirmed/Updated Information | New Permit | Renewal Permit | Temporary Facility Closure | (◉) Permanent Facility Closure | Transfer Permit

Facility Information

EXAMPLE FACILITY

Facility Type *

Motor Vehicle Fueling | Fuel Distribution | Farm | Processor | Other

BOE Number *

Is the facility located on Indian Reservation/Trust lands? *

Yes | No

Property Owner

Owner Name * | Phone *

Tank Operator

Tank Operator Name * | Phone *

Mailing Address *

City | State | ZIP/Postal Code

Country *

United States | For International Address

Tank Owner

Owner Name * | Phone *

CERS Business | Home | Submittals | Facilities | Compliance | My Business

UST Tank Information/Monitoring Plan: [redacted]

Home » Prepare Submittal » UST: UST Tank Information/Monitoring Plan (Draft)

Use this form to enter data for new UST systems or revise data for an existing UST system. You must complete a separate form for each affected tank. For tanks that are part of a compartmentalized unit, each compartment is considered a separate tank. This information is required within 30 days of permit or facility information changes, unless your local agency requires approval prior to making the changes.
The former paper version of this form was called "UST Operating Permit Application - Tank Information" (Form B).

Copy from 'After UST Date' Cancel

Type of Action

Type of Action (UST Tank) *

Confirmed/Updated Information | New Permit | Renewal Permit | Temporary UST Closure | UST Permanent Closure on Site | • UST Removal

Facility Information

EXAMPLE FACILITY

Enter this date after the UST has been removed.

Click this field to reflect permanent removal of the UST.

Tank Description

Tank ID / * | Date UST System Installed * | Tank Configuration *

A Stand-alone Tank | One in a Compartmented Unit

Tank Manufacturer * | Date Existing UST Discovered * | Number of Compartments in the Unit *

Tank Capacity in Gallons * | Date UST Permanently Closed * | Additional Description *

Tank Use and Contents

Tank Use *

Motor Vehicle Fueling
Marina Fueling

Tank Contents *

Regular Unleaded
Premium Unleaded

Tank Construction

Type of Tank *

Single Wall | Double Wall | Unknown

CERS Help | Settings | My Business: *Test Facility* | Select Business

EG Office

TO:
Los Angeles County of Public Works

RE:
1077 Serrano Street, Monterey Park, CA 91755

On behalf of our company, we authorize Paul Gonzalez with Geologic Explorations, Inc. to obtain an underground storage tank removal permit.

Maya Collins
Property Manager
mcollins@egpofficecorp.com
800-750-0250

1901 E Garvey Avenue
Suite 405
West Covina, CA 91791
(855) 367-8369

CONTRACTORS
STATE LICENSE BOARD
ACTIVE LICENSE

License number **718466** CORP

Business name GEORGE BRYANT CONSTRUCTION INC

Classifications A B C21 ASB HAZ C22

Expiration date 02/29/2020 www.cslb.ca.gov

ACORD

GEORBRY-01

CERTIFICATE OF LIABILITY INSURANCE

DATE (M
8/1

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLD
CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE
BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUT
REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be
If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A stat
this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER License # 0E67768
Legends Environmental Ins. Services
130 Vantis
Suite 250
Aliso Viejo, CA 92656

CONTACT NAME: Aimee Paiva
PHONE (A/C, No, Ext): (916) 692-7008 53008
FAX (A/C, No): (916) 47
E-MAIL ADDRESS: Aimee.Paiva@iqausa.com

INSURER(S) AFFORDING COVERAGE
INSURER A : United Specialty Insurance Company
INSURER B : State National Insurance Company, Inc
INSURER C :
INSURER D :
INSURER E :
INSURER F :

INSURED
George Bryant Construction, Inc.
9333 Golden Street
Alta Loma, CA 91737-2821

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POL
INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO W
CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL TH
EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	X COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE $
	CLAIMS-MADE X OCCUR	X		USA4223020	07/01/2018	07/01/2019	DAMAGE TO RENTED PREMISES (Ea occurrence) $
	X CPL						MED EXP (Any one person) $
							PERSONAL & ADV INJURY $
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE $
	POLICY X PRO-JECT LOC						PRODUCTS - COMP/OP AGG $
	OTHER						$
A	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) $
	ANY AUTO						BODILY INJURY (Per person) $
	OWNED AUTOS ONLY / SCHEDULED AUTOS			USA4223020	07/01/2018	07/01/2019	BODILY INJURY (Per accident) $
	X HIRED AUTOS ONLY / X NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident) $
							$
A	UMBRELLA LIAB X OCCUR						EACH OCCURRENCE $
	X EXCESS LIAB CLAIMS-MADE			USA4223021	07/01/2018	07/01/2019	AGGREGATE $
	DED RETENTION $						$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						X PER STATUTE / OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N Y	N/A	NFA3867821	07/01/2018	07/01/2019	E.L. EACH ACCIDENT $
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE $
A	Professional Liab			USA4223020	07/01/2018	07/01/2019	E.L. DISEASE - POLICY LIMIT $ Per Claim

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Professional Liability is written on a Claims Made basis.

DOSH Certificate #361
Contractor's License No. 719686

5470 Asbestos Abatement-All Operations-Including Shop Included on Workers' Comp policy.

SEE ATTACHED ACORD 101

CERTIFICATE HOLDER

DOSH, Asbestos Contractor Registration Unit
2424 Arden Way, Suite 495
Sacramento, CA 95825-2417

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED I
THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVE
ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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CLOSURE – UNDERGROUND STORAGE TANKS

CONDITIONS A – GENERAL

1. Closure shall be carried out such that all applicable regulations from the following agencies are complied with: Los Angeles County, Department of County Engineer – Facilities; Los Angeles County Fire Department, Fire Prevention Division or the appropriate City Fire Department; South Coast Air Quality Management District; and Los Angeles County Department of Health Services.

2. The County Engineer and Fire Department shall be notified in advance of any closure in accordance with the following:

   a. Removal of tank shall require a three (3)-business-day advance notification.
   b. Permanent closure of a tank in place or a temporary closure shall require a 30-day-in notification.

3. Consult current fee schedule for costs.

4. All abandoned wells shall be destroyed in such a way that they will not produce water or act as a channel for interchange of water, when such interchange may result in deterioration of the quality of water in any or all water bearing formations penetrated, or present a hazard to the safety and well-being of people and animals.

5. A well destruction permit issued by the Los Angeles Department of Health Services shall be required for all wells requiring a permit for their original construction.

6. Well destruction shall be accomplished according to methods described in the latest "Water Well Standards: State of California" by the Department of Water Resources, contained in Bulletin 74 – 81, December 1981, or any other methods that will provide equivalent or better protection.

7. Plans for the decontamination of a facility shall be submitted to the County Engineer for approval no later than 30 days before the commencement of such operations. Other agencies having jurisdiction shall also be notified. These agencies the California Regional Water Quality Board, the Los Angeles County Department of Health Services and the South Coast Air Quality Management District.

8. Decontamination shall require the following, as a minimum:

   a. Cleaning operation shall be done under the supervision of persons who understand the hazardous potential of the original ingredients stored and its constituents.
   b. The personnel shall be sufficiently skilled to safely carry out such operation.
   c. Contaminated materials removed from such facility shall be disposed of at a legal point of discharge.
   d. The operation shall be carried out in a manner that will not endanger the health of the public and the environment.

CONDITIONS B – TEMPORARY

1. All temporary closures shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, "Abandonment or Removal of Underground Tanks," Part A and any other applicable Parts.

2. A temporary closure shall not exceed 180 days.

CONDITION C – PERMANENT TANK(S) REMOVAL

1. All tank removals shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Part B and any other applicable Parts.

2. Owners/operators shall notify the Building Department having jurisdiction of the place of removal if a grading permit is necessary.

3. Removed tanks shall not be transported away from the site until an inspection to establish site integrity is carried out by the County Engineer.

4. If an appointment has been arranged with a County Engineer Inspector to inspect the removal of a tank, the Inspector will only wait on the site a reasonable amount of time (approximately one hour) after arriving for the removal to commence. Another closure fee may be charged if the inspector has to return to the site.

5. After inspection, tank shall be transported to a legal disposal point.

6. If the tank has stored materials other than motor fuel, fuel oil, or waste oil, site integrity will be demonstrated using the soil sampling and analysis procedures described in CONDITIONS D below.

7. The site shall be filled and never exposed to excavation companions of 90 St.

CONDITIONS D – PERMANENT

1. All permanent closures of tanks in place shall comply with Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Parts B or C and any other applicable Parts.

2. Owners/operators shall demonstrate soil site integrity as follows:

   a. Test borings shall be standard to intercept a point beneath the center of the tank, if possible. If standard drilling is not feasible, the test boring may be drilled vertically and for the reason stated in the report at 2.h. below.
   b. For single tanks, a minimum of two test borings will be required, each located on opposite sides of the tank, along the major axis of the tank.
   c. For multiple tanks, as a minimum, borings shall be placed at 20-foot intervals around the tank cluster. The actual number and location of borings shall be evaluated on a case-by-case basis. Tanks separated by 20 feet or more shall be considered singly tanks for the purposes of test location and placement.
   d. Soil samples shall be taken at depths of 5, 10, 20, 30 and all feet below grade level.
   e. A Shelby Tube or a Modified California Sampler shall be utilized for taking all soil samples.
   f. Soil samples shall not be exposed to the local air but are to be immediately placed in a refrigerated ice chest and transported to a state certified laboratory for analysis, using suitable methods.
   g. A report containing the results of the above analysis shall be submitted to the County Engineer.

3. If the soil analysis in 2. above indicates the presence of contaminants, the County Engineer shall require a site investigation, as described in Chapter V of the County's "Underground Storage of Hazardous Materials – Guidelines."

4. A report shall be submitted to the County Engineer containing the results of the site investigation.

CLOSURE APPLICATION SUPPLEMENT
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

PART 1 OF 3

FOR OFFICE USE ONLY
FACILITY ID NO. Comp - 6215
APPLICATION NO. 96509

To satisfy the permanent closure requirements for underground storage tanks storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

***** Soil sampling will be required for Vent and Vapor Recovery piping for UST systems installed after July 1, 2003. *****

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1A, 1B	3-4 feet beneath	TPH/D	8015M
2A, 2B	tank invert	BTEX, MTBE	
3A, 3B		Fuel Oxygenates	8260B
		Organic Lead	DOHS Meth
1 sample	3-4 feet below	same as	same as
	each UST	above	above
1 sample	3-4 feet below	same as	same as
	piping, dispenser	above	above
	and vent pipe		

Continued on Page 2

3. All soil samples obtained shall be discrete, undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date/time of sampling shall be included in the final report.

4. Conform to the analytical requirements table below for petroleum hydrocarbon sites. Apply EPA Method 5035 specified in the USEPA SW-846 version III (12/1996) for soil sample preparation and preservation in order to minimize volatile organic losses. Use the sample collection devices, or equivalent, specified in the method (e.g., the Encore[TM] sampler). If the Encore[TM] sampler is used, analyze sample within 48 hours from the collection. Analyze sample within 10 days for soil samples stored under frozen conditions.

UST CONTENTS	Analyte	Analytical Method	Required MDL Soil (ug/kg)	Required MDL Water (ug/L)
GASOLINE OR DIESEL	Total Petroleum Hydrocarbons (TPH) - Gasoline	EPA Method 8015 (M)	100-200	50-100
	Total Petroleum Hydrocarbons (TPH) - Diesel	EPA Method 8015 (M)	1,000	500
	Benzene	EPA Method 8260B (8021B)	1	0.5
	Toluene	EPA Method 8260B (8021B)	1	0.5
	Ethylbenzene	EPA Method 8260B (8021B)	1	0.5
	Xylenes (Total)	EPA Method 8260B (8021B)	1	0.5
	Methyl Tertiary Butyl Ether (MTBE)	EPA Method 8260B	2	1
	Diisopropyl ether (DIPE)	EPA Method 8260B	2	1
	Ethyl tertiary butyl ether (ETBE)	EPA Method 8260B	2	1
	Tertiary amyl methyl ether (TAME)	EPA Method 8260B	2	1
	Tertiary butyl alcohol (TBA)	EPA Method 8260B	20	10
	Ethanol	EPA Method 8260B	500	250
	Methanol	EPA Method 8015 (M)	1000	500
OTHER, WASTE OIL UNKNOWN	Total Recoverable Petroleum Hydrocarbons (TRPH) - Waste Oil	EPA Method 418.1 or EPA Method 8260B	1000	500

UST Permitted Contents,
all VOC's (EPA Method 8260)
+ To Be Determined

Continued on Page 3

5. All soil/groundwater samples shall be analyzed by a laboratory approved by the California Environmental Accreditation Laboratory Program (ELAP).

6. Analytical results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) Detection limits for each analytical procedure and determination; d) The method of analysis; e) Signature of chemist certifying results.

7. All soil/groundwater samples obtained shall be handled and transported to laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.

9. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

10. A final report that contains all of the above required information shall be submitted to the office above within one (1) month form the sampling date or 180 days from the date of this permit, whichever is earlier.

11. All electronic data shall be submitted to the State Water Resources Control Board Geotracker database.

STATE OF CALIFORNIA
California Regional Water Quality Control Board
Los Angeles Region
(Underground Storage Tank Program)

General Laboratory Testing Requirements for Petroleum Hydrocarbon Impacted Sites

The purpose of this document is to supplement the Regional Board's Laboratory Report form (6/00) in order to update obsolete testing requirements and set forth the new requirements for fuel oxygenates and natural attenuation testing. Each analytical method used must be certified by the California Environmental Accreditation Laboratory Program (ELAP).

1. General Laboratory QA/QC Requirements

Conform to the Regional Board's Laboratory Report Form (6/00) in general except for items specified below:

2. Compounds to be Tested

Total petroleum hydrocarbons in gasoline range (TPHg) (C4 – C12); Total petroleum hydrocarbons in diesel range (TPHd) (C13 – C22); benzene, toluene, ethylbenzene, xylenes (BTEX); methyl tertiary butyl ether (MTBE); di-isopropyl ether (DIPE); ethyl tertiary butyl ether (ETBE); tertiary amyl methyl ether (TAME); tertiary butyl alcohol (TBA). If the gasoline tanks historically or currently contain methanol or ethanol, these compounds are also to be tested.

3. Analytical Test Methods and Detection Limits

Conform to Table 1 below. Report any concentration detected between the method detection limit (MDL) and estimated quantitation limit (EQL) for reporting limit (RL) in a numerical value with a "J" flag indicator. All "Non-Detect" (ND) shall be reported in the format with "< (numerical MDL)." Integrate all fuel oxygenate additive concentrations into total petroleum hydrocarbons (TPH) and report it as TPH. EPA Method 8021B may be used to substitute EPA Method 8260B at the sites where all fuel oxygenates have not been identified by EPA Method 8260B in soil and/or groundwater.

Table 1: Analytical Requirements

		Required MDL (Method detection limit)	
Analyte	Analytical Method	Soil (ug/kg)	Water (ug/L)
BTEX	EPA Method 8260B(8021B)	1	0.5
MTBE	EPA Method 8260B	2	1
DIPE	EPA Method 8260B	2	1
ETBE	EPA Method 8260B	2	1
TAME	EPA Method 8260B	2	1
TBA	EPA Method 8260B	20	10
TPHg	Cal-LUFT GC/FID or GC/MS	100-200	50-100
TPHd	Cal-LUFT GC/FID	1000	500
Methanol	Cal-LUFT GC/FID	1000	500
Ethanol	Cal-LUFT GC/FID(EPA8260B)	500	250

4. Use of EPA Method 5035 for Soil Samples

Apply EPA Method 5035A specified in the USEPA SW-846, (7/2002) for soil sample preparation and preservation in order to minimize volatile organic losses. Use the sample collection devices, or equivalent, specified in the method (e.g., the Encore™ sampler). If the Encore™ sampler is used, analyze sample within 48 hours from the collection. Analyze sample within 14 days for soil samples stored under frozen conditions.

5. Natural Attenuation Parameters

Natural attenuation processes include dispersion, dilution, sorption, volatilization, biodegradation, and chemical or biological transformation. A carefully controlled monitoring program for the natural attenuation can be used to confirm site-specific mass reduction and achieve remedial objectives. In order to test parameters to confirm the occurrence of natural attenuation, site characterization must be complete first.

5.1 Primary Natural Attenuation Criteria

Meet the following conditions prior to testing for the secondary natural attenuation parameters:

a) Groundwater contaminant plume must be fully defined.

b) Groundwater monitoring program on a quarterly basis must be completed for at least two years including data of MTBE and other oxygenates

c) Groundwater concentration has consistently decreased or been stable

d) Determination of site-specific hydraulic conductivity must be conducted. Refer the ASTM D4044-91 for the slug test procedures. Other field methods (e.g., pumping test) are also acceptable to determine hydraulic conductivity.

e) Characterization of MTBE and other oxygenates plume vertical extent must be completed with discrete multi-depth groundwater sampling at all groundwater vulnerable areas designated by the Board.

5.2 Secondary Natural Attenuation Parameters

Analyze the secondary natural attenuation parameters only after the primary natural attenuation criteria are met. Analyze the secondary natural attenuation parameters at all groundwater monitoring wells inside and outside of the plume. Conform to Table 2 below for parameters and testing methods

Table 2 Analytical Requirements for Secondary Natural Attenuation Parameters

Parameters	Test Method	Required MDL
pH	EPA Method 150.2 or Field instrument	n/a
Dissolved oxygen (DO)	EPA Method 360.1 or Field instrument	n/a
Redox potential (ORP)	Field instrument	n/a
Sulfate (SO_4)	EPA Method 300	5 mg/L
Nitrate (NO_3)	EPA Method 300	0.1 mg/L
Ferrous iron (Fe^{2+})	EPA Method 200	0.1 mg/L
Methane (CH_4)	EPA Method 8015(M)	5 µg/L

6. Electronic Submittal of Data Reporting

All analytical results shall be uploaded in an electronic format to the State GeoTracker Database.

NOTICE TO CLOSURE PERMIT APPLICANTS

The South Coast Air Quality Management District (SCAQMD) has adopted Rule 1166 regulating emissions of Volatile Organic Compounds (VOC) from decontamination of soil effective **August 5, 1988.**

In addition to the requirements of your Closure Permit, persons excavating any underground storage tank that previously contained VOCs must:

- Notify the SCAQMD by telephone at (909) 396-2326 or by fax at (909) 396-3342 using the SCAQMD notification form 24 hours prior to tank excavation. [1166(c)(1)(A)]
- Monitor the excavated material during the excavation for VOC contamination. [1166(c)(1)]
- When VOC contamination is detected:
  - Cease excavation.
  - Cover the contaminated soil until implementation of approved mitigation measures. [1166(c)(1)(C)]
  - Notify the SCAQMD at (909) 396-2326 within 24 hours of detection of VOC contaminated soil. [1166(c)(1)(A)]
- A person shall not engage in or allow any on- or off-site spreading of VOC contaminated soil which results in uncontrolled evaporation of VOC to the atmosphere. [1166(c)(3)]

Exemptions

- Treatment of less than one (1) cubic yard of contaminated soil. [1166(c)(1)(A)]
- Decontamination of soil containing organic compounds that have an initial boiling point of 302°F or greater, Reid Vapor Pressure less than 80 mm Hg or Absolute Vapor Pressure less than 36 mm Hg at 20°C. [1166(c)(1)(B)(i-iii)]
- Removal of soil for sampling purposes pursuant to Environmental Protection Agency methods. [1166(c)(1)(C)]
- Accidental spillage of five (5) gallons or less of VOC. [1166(c)(1)(D)]
- Documentation of soil which is contaminated through natural seepage of VOC from oil and gas wells or other natural sources. [1166(c)(1)(E)]

SPECIFIC QUESTIONS ON RULE 1166 SHOULD BE REFERRED TO THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (909) 396-2326

ATTENTION CONTRACTOR
NOTIFICATION/PERMIT REQUIREMENT COMPLIANCE

This Authorization is issued subject to compliance with all applicable laws and regulations relating to the performance of work including, but not limited to, business license requirements, Building Codes, Fire Codes, Air Quality regulations, Health and Safety Codes, Water Codes, and Transportation regulations.

Pursuant to Los Angeles County Code, Section 11.78.045, and the Conditions and Limitations of the attached Hazardous Substance Underground Storage Closure and/or New Construction/Addendum Authorization, you are required to complete **ALL** of the agency notifications indicated below within the time period specified prior to commencement of work.

**[X] 72 HOUR ELECTRONIC NOTIFICATION – DEPARTMENT OF PUBLIC WORKS, ENVIRONMENTAL PROGRAMS DIVISION

The owner/operator or contractor shall provide electronic notification to Public Works at least 72 working hours prior to the commencement of any of the following work:

- Closure Authorization Permit - Prior to sampling and backfilling any excavation
- New Construction/Addendum Permit - Prior to backfilling any excavation

Notifications shall only be made at the following link:

- http://dpw.lacounty.gov/GO/DPWJST/

[X] 48 HOUR (OR AS REQUIRED)–LOCAL FIRE DEPARTMENT FIRE PREVENTION INSPECTOR:

[X] City of Monterey Park

[ ] Los Angeles County Fire Department

[X] 24 HOUR–SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

[X] SOUTH COAST AQMD – Rule 1149 and Rule 1166
Telephone: (909) 396-2326
Fax: (909) 396-3342

[ ] ANTELOPE VALLEY AQMD – Rule 1149 and Rule 1166
Telephone: (661) 723-8070

[ ] COUNTY SERVES AS BUILDING OFFICIAL, SEE ATTACHED

[X] CITY SERVES AS BUILDING OFFICIAL

FAILURE TO PROVIDE NOTICE AS REQUIRED ABOVE MAY RESULT IN PERMIT REVOCATION, ADDITIONAL SITE ASSESSMENT REQUIREMENTS, AND/OR ADMINISTRATIVE PENALTIES AS PROVIDED BY LAW.

** See attached closure permit supplement for Public Works notification requirements.

As a condition of the closure permit, it is required that the contractor create a profile in this office's electronic notification system in order to schedule inspections.

As of January 12, 2016

County of Los Angeles Department of Public Works Underground Storage Tank Electronic Notification system will now accept notifications for Emergency Repair Work, Prior to Backfill appointments and Closure appointment. Notifications shall only be made at the following link.



http://dpw.lacounty.gov/GO/DPW_UST/



Faxes, emails or Telephone calls will not be accepted.

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

ADDITIONAL CONDITIONS FOR UST CLOSURE/SITE ASSESSMENT

TITLE 23: CALIFORNIA CODE OF REGULATIONS - WATERS
DIVISION 3: STATE WATER RESOURCES CONTROL BOARD (SWRCB)
CHAPTER 30: ELECTRONIC SUBMITTAL OF INFORMATION

Article 1 – GENERAL PROVISIONS

Section 3890. General Intent, Content, and Applicability of Regulations

(a) The regulations in this Chapter are intended to provide electronic access to reports, including soil, vapor, and water data, prepared for the purpose of subsurface investigation or remediation of: (1) an unauthorized discharge or deposit of waste as defined in section 13050 of the Water Code, (2) an unauthorized release of a hazardous substance as defined in section 25281 of the Health and Safety Code, or (3) a discharge of waste to land subject to Division 2 of Title 27 or Division 3, Chapter 15, of Title 23 of the California Code of Regulations (CCR).

(b) The regulations in this Chapter require persons responsible for submitting certain reports to the State Board, a regional board, or a local agency to submit these reports electronically over the Internet to the State Board's Geotracker system.

(c) The requirements of this Chapter are in addition to, and not superseded by, any other applicable reporting requirements.

(d) Except as provided in Section 3895(b), the electronic reporting requirements of this Chapter are intended to replace requirements for the submittal of paper copies of reports, beginning July 1, 2005.

Authority cited: Sections 13196 and 13198(c), Water Code.

Reference: Sections 13196 and 13198, Water Code.

Article 2. - ELECTRONIC SUBMITTAL OF INFORMATION

Section 3891. Definition of Terms

"COELT" is the United States Army Corps of Engineers Loading Tool program. It is a relational database application that is designed to run with the Microsoft Windows operating system. COELT places laboratory data into the standardized Electronic Deliverable Format (EDF). The program can accept data from Laboratory Information Management System (LIMS) or manually entered data. COELT is an optional software application that is intended to help laboratories that require new software to produce the EDF data deliverable. COELT includes a report utility that allows hard copy laboratory reports to be printed that match the actual electronic data. For purposes of the requirements of this chapter, version 1.2a of COELT may be used. The program (coelt12i.exe) and documents (coelt 1.2i manual.zip) for version 1.2i of COELT are available through links provided at http://www.waterboards.ca.gov/ust "CSRS-H" is the California Spatial Reference System-Horizontal, which includes the High Precision Geodetic Network (HPGN), the High Precision Geodetic Network–Densification (HPGN-D) and other geodetic control positions. These control positions have been determined by Global Positioning System survey methods in accordance with first order or better standards and specifications from the Federal Geodetic Control Subcommittee (FGCS) of the Federal Geographic Data Committee. These control positions are published by the National Geodetic Survey, California Spatial Reference Center or its successor.

"EDCC" is the Electronic Deliverable Consistency Checker program, which was developed for the EDF 1.2i format, described below. The EDCC program is run upon completion of an EDF report and produces an error report. This error report identifies problems within the given data set based upon the EDF database structure, guidelines, restrictions, and valid values. The error report also indicates the nature of each problem, so that the submitter can correct them. For purposes of the requirements of this chapter, the interactive web-version 1.2i or personal computer version 1.2i of EDCC shall be used. Programs (edcc.zip and edccservicepack1.zip) for version 1.2i of EDCC are available through links provided at http://www.waterboards.ca.gov/ust.

"EDF" is the Electronic Deliverable Format, originally developed for the United States Army Corps of Engineers. It is a data standard designed to facilitate transfer of electronic data files from analytical laboratories to end-users. It is a relational database whose files are related to one another through key fields. Laboratories can produce electronic EDF files by using their own LIMS or COELT software. The data components include chain-of-custody information, laboratory results, and quality assurance information. For purposes of the requirements of this chapter, version 1.2i of EDF shall be used. Specifications for version 1.2i of EDF (The Electronic Deliverable Format [EDF] Version 1.2i data dictionary are available in Title 27, Division 3, Subdivision 2, Chapter 1 (Laboratory Results) CCR, through links provided at http://www.waterboards.ca.gov/ust.

"Geotracker" is the State Board's Internet-accessible database system used by the State Board, regional boards, and local agencies to track and archive compliance data from authorized or unauthorized discharges of waste to land, or unauthorized releases of hazardous substances from underground storage tanks. This system consists of a relational database, on-line compliance reporting features, a geographical information system (GIS) interface and other features that are utilized by the State Board, regional boards, local agencies, regulated industry and the public to input, manage, or access compliance and regulatory tracking data. Geotracker, initially known as the Geographical Environmental Information Management System (GEIMS) database, is available at http://geotracker.swrcb.ca.gov.

"PDF" means Portable Document Format. "PDF" files are self-contained and cross-platform documents. A PDF file will look the same on the screen and in print, regardless of what type of computer or printer a person uses or which software package originally created the file. Although PDF files contain the complete formatting of the original document, including fonts and images, they are highly compressed, allowing efficient transfer of complex information.

"Permanent monitoring well" means any artificial excavation by any method made for the purpose of monitoring fluctuations in groundwater levels, the quality of groundwater, or the concentration of contaminants in groundwater and which is used for at least thirty days.

"Report" means any document or item that is required for submittal in order for a person to comply with a regulation, directive, or order issued by the State Board, a regional board, or a local agency, including but not limited to, any analysis of material by a laboratory that has accreditation or certification pursuant to Article 3 (commencing with Section 100825) of Chapter 4 of Part 1 of Division 101 of the Health and Safety Code.

Authority cited: Sections 13196 and 13198 (e), Water Code.
Reference: Sections 13195 (b) and 13196, Water Code.

Section 3892. Reports

The following reports are subject to the requirements of this Chapter, when those reports are required for the purpose of subsurface investigation or remediation of: (1) an unauthorized discharge or deposit of waste as defined in section 13050 of the Water Code, (2) an unauthorized release of a hazardous substance as defined in section 25281 of the Health and Safety Code, or (3) a discharge of waste to land subject to Division 2 of Title 27 or Division 3, Chapter 15 of Title 23 of the California Code of Regulations (CCR).

(a) Reports submitted pursuant to Division 3, Chapter 16, Article 11 of Title 23 of the CCR.

(b) Reports submitted pursuant to Division 2 of Title 27 or Division 3, Chapter 15 of Title 23 of the CCR.

(c) Reports submitted pursuant to section 13304 of the Water Code.

(d) Reports submitted pursuant to section 13267 of the Water Code.

(e) Reports submitted pursuant to any order or directive of the State Board, a regional board or a local agency.

(f) Reports submitted pursuant to the Two-year Joint Cooperative Agreement Execution Plans under the Defense / State Memorandum of Agreement and Navy Cost Recovery Cooperative Agreement, for the State of California.

Authority cited: Sections 13196 and 13198 (c), Water Code

Reference: Sections 13196 (a) and 13198 (c), Water Code.

Section 3893. Electronic Submittal of Reports

(a) Persons responsible for submitting reports pursuant to this Chapter shall submit the following information described in subdivision (b) electronically over the Internet to the State Board's Geotracker system in conformance with data dictionaries found in Title 27, Division 3, Subdivision 2 (Monitoring and Release Information) and specifications contained in the State Water Resources Control Board EDF Guidelines and Restrictions (version 1.2) and Survey XYZ Guidelines and Restrictions (Version 6). These data dictionaries and documents are available through links provided at http: www.waterboards.ca.gov/ust.

(b) Data generated after the effective date of the regulations by chemical analysis of soil, vapor, or water samples (including surface water, groundwater and influent/effluent water samples from remediation systems), shall be submitted in EDF format. All data submitted in EDF format shall be checked for errors prior to and during submittal using the EDCC software consistency-checking tool. All data submitted in EDF format must pass this error-checking tool as well as meet normal regulatory requirements in order to be considered valid data. In addition, when required for reports subject to this Chapter, the following shall also be submitted electronically:

(1) The latitude and longitude of any permanent monitoring well for which data is reported in EDF format, accurate to within 1 meter and referenced to a minimum of two reference points from the California Spatial Reference System (CSRS-H), if available.

(2) The surveyed elevation relative to a geodetic datum of any permanent monitoring well.

(3) The elevation of groundwater in any permanent monitoring well relative to the surveyed elevation

(4) A site map or maps showing the location of all sampling points referred to in the report.

(5) The depth to the screened interval and the length of screened interval for any permanent monitoring well.

(6) Boring logs, in PDF format.

(7) A complete copy of the report, in PDF format, which includes the signed transmittal letter and professional certification.

(c) All deadlines and timeframes for submittals of reports are applicable to the information submitted electronically pursuant to this Chapter.

Authority cited: Sections 13196 and 13198 (c), Water Code.

Reference: Sections 13196 and13198 (c), Water Code.

Section 3894. Timing of Electronic Reporting Requirements

(a) Electronic submittals of information for sites subject to the requirements of Title 23, Division 3, Chapter 16, Article 11 of the California Code of Regulations, shall begin on December 16, 2004.

(b) Unless otherwise specifically noted, all other electronic submittals required pursuant to this Chapter shall begin January 1, 2005.

(c) Until July 1, 2005, the electronic reporting requirements of this Chapter are in addition to any existing paper or other reporting requirements.

Authority cited: Sections 13196 and 13198 (c), Water Code.

Reference: Sections 13196 (a) and 13198 (c), Water Code.

Section 3895. Submittal of Alternate Forms of Reports

(a) Beginning July 1, 2005, the successful submittal of electronic information in accordance with this Chapter shall replace the requirement for the submittal of a paper copy, except as provided in subdivision (b).

(b) In addition to the electronic submittal of reports required pursuant to this Chapter, a regulatory agency may require the submittal of a report, or portions thereof, in diskette, compact disc or other form if the agency determines that the alternative form is necessary. The burden, including cost, of these alternative forms shall bear a reasonable relationship to the need for alternative form and benefits to be obtained from the alternative form.

Authority cited: Sections 13196 and 13198 (c), Water Code.

Reference: Sections 13196 (a) and 13198 (c), Water Code

NOTICE: Original paper reports with wet ink signature and seal must continue to be submitted to this office pursuant to CCR Title 23, Division 3, Chapter 30, Article 2, Section 3895 (b), regardless if such report is required by regulation to be electronically uploaded to Geotracker.

N

(E) GENERATOR BLDG

(E) 2K DIESEL UST

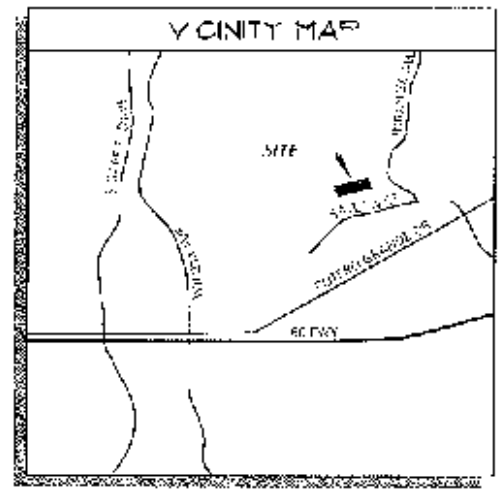
(E) 6K DIESEL UST

(E) 10K GASOLINE TANK

(E) BLDG

(E) BLDG

VICINITY MAP



SCOPE OF WORK

1. EXCAVATE AND EXPOSE (2) 10,000G AND (1) 2,000G DIESEL UNDERGROUND STORAGE TANKS AND ATTACHED PIPING, RETURN AND VENT PIPING
2. PURGE PRODUCT PIPING BACK TO TANKS PROPERLY VENT AND CLEAN TANKS, REMOVE ALL ATTACHED PIPING, LOAD ALL (2) TANKS, AND HAUL OFF FOR DESTRUCTION AT AN APPROVED FACILITY.
3. GEOLOGIST SHALL INSPECT SOIL EXCAVATION AS DIRECTED BY CAPTAIN AND TRANSMISSION SAMPLES TO LAB FOR ANALYSIS. SUBMIT CLOSURE REPORT WITHIN 90 DAYS
4. BACKFILL EXCAVATIONS AND RE-PAVE TO MATCH EXISTING

NOTES:

GRAPHIC SCALE

REVISIONS

SoCal Compliance

CONTRACTOR

PROJECT:
BRE CA SATURN LLC
1977 SATURN STREET
MONTEREY PARK, CA 91755

SITE PLAN

DATE: 10.22.18

SCALE: AS SHOWN

DRAWN BY: S. BURNS

FILE: 1977SATURN

SP-1

FORM VALID JULY 1, 2017 TO JUNE 30, 2018

DPW USE ONLY
SITE FILE NO. 699A-65221 AREA 3M
APPLICATION NO. A-591788
NEW PERMIT NO. P-592442
DATE RECD 5/31/18 BY gdl

APPLICATION FOR TRANSFER OF HAZARDOUS SUBSTANCES UNDERGROUND STORAGE PERMIT
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
Environmental Programs Division
900 South Fremont Avenue, 3rd Floor Alhambra Building
Alhambra, CA 91803-1331
(626) 458-3517 FAX (626) 458-3541

Pursuant to Los Angeles County Code Title 11, Division 4, Section 11.80.170 application is hereby made for the transfer of ownership of an existing Hazardous Substances Underground Storage Permit (Permit) or Unified Program (UP) Facility Permit which incorporates Underground Storage Tanks (USTs).

COMPLETE THE FOLLOWING.

Date of Transfer _____ California Environmental Reporting System (CERS) ID# _____

New Facility Name _____

Facility Address _____ City _____

Assessor Parcel Number (APN) Map Book No _____ Page No _____ Parcel No _____

New Permittee name _____ Number of USTs _____

Email Address _____ Existing Permit No _____

THE NEW PERMITTEE IS:

☐ UST Owner and Operator ☐ UST Owner Only ☐ UST Operator Only
☐ Unified Program facility owner and operator (complete below)
☐ Unified Program facility owner only

IF UST OPERATOR IS NOT THE UST OWNER, AND IS NOT NAMED ON THE UNIFIED PROGRAM FACILITY PERMIT, COMPLETE THE FOLLOWING:

UST Operator Name _____ Telephone _____

UST Operator Address _____ State _____ Zip _____

***No fee required to notify of operator change if not replacing a person named in the Unified Program Facility Permit ***

This Application for Transfer must be signed and accompanied with the following:

- **OPERATING PERMIT TRANSFER FEE PAYABLE TO: "COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS"**

APPLICATION FOR TRANSFER FEE **$658.00** ( ) CASH ( ) CHECK # 137070

- SUBMIT TO CERS UST FACILITY DATA
- SUBMIT TO CERS UST TANK FORM DATA (ALL USTS)
- SUBMIT TO CERS UST MONITORING PLAN DATA
- SUBMIT TO CERS DESIGNATED OPERATOR FORM
- SUBMIT TO CERS FINANCIAL RESPONSIBILITY FORMS
- SUBMIT TO CERS RESPONSE PLAN FORM

BY SIGNING BELOW, THE PERMIT TRANSFER APPLICANT ACKNOWLEDGES HAVING READ ALL CONDITIONS FOR TRANSFER ON THE REVERSE SIDE OF THIS FORM, AGREES TO COMPLY WITH THE CONDITIONS AND LIMITATIONS OF AND ASSUMES THE OBLIGATIONS OF THE HAZARDOUS SUBSTANCE UNDERGROUND STORAGE PERMIT OR UNIFIED PROGRAM FACILITY PERMIT FOR WHICH TRANSFER IS REQUESTED.

SIGNATURE _____ TITLE _____

PRINT NAME _____ DATE _____

Complete Certification of Compliance with Los Angeles County Lobbyist Ordinance on back

INSTRUCTIONS

Hazardous Substances Underground Storage Permit (Permit) Application for Transfer Supplement

This Application for Permit Transfer form is to be used only for the transfer of an existing Permit or underground storage tank (UST) authorized under a Unified Program (UP) Facility Permit to a new owner or operator of a facility within the jurisdiction of the County of Los Angeles Department of Public Works (DPW).

The new Permit owner must complete and submit an Application for Transfer and Transfer Fee to DPW within 30 days of transfer. The application must be accompanied with uploaded UP form data to the California Environmental Reporting System (CERS), Business Portal: https://cers.calepa.ca.gov/ including all UP - UST FACILITY INFORMATION data, UP UST TANK INFORMATION data, UP UST MONITORING PLAN data, as well as uploaded and signed DESIGNATED OPERATOR FORM, FINANCIAL RESPONSIBILITY FORM (petroleum USTs), and UST RESPONSE PLAN FORM.

By applying for transfer of an existing Permit, the new Permit owner agrees to assume all obligations under the existing Permit including all fee installments, installation and maintenance of approved monitoring systems, and all reporting requirements. **IT IS THE APPLICANTS RESPONSIBILITY TO DETERMINE IF DELINQUENT FEES OR OTHER OUTSTANDING SUBMITTAL REQUIREMENTS, INCLUDING VIOLATION CORRECTIONS, ARE OWED TO DPW OR CUPA.**

The DPW may review and modify, or terminate the Transfer of Permit if it is determined the facility is not providing or threatens not to provide for the safe underground storage of hazardous substances.

The owner or operator of USTs shall monitor the facility using the method specified in the Permit. If the permittee of a facility is not the UST owner or UST operator, the Permittee shall provide a copy of the Permit to both the owner and operator. If the Permittee is a person other than the UST operator of the USTs, that person shall do all of the following: a) enter into a written contract with the UST operator which requires the UST operator to monitor the USTs as set forth in the Permit, b) provide the UST operator with a copy of California Health and Safety Code, Division 20, Chapter 6.7 and California Code of Regulations Title 23, Division 3, Chapter 16, and c) inform DPW within thirty (30) days of any change of UST operator.

The Permit annual maintenance fee will be billed under the County of Los Angeles Certified Unified Program Agency (CUPA) Consolidated Permit (Los Angeles County Code Title 12, Section 12.50.070) the following Fiscal Year (July 1 to June 30) to the Permittee authorized here, unless other specific arrangements have been approved by the DPW and CUPA. Regardless of billing arrangements, the UST owner is responsible for insuring payment of all fees and compliance with all monitoring requirements.

The Permittee, UST owner and UST operator shall comply with provisions of California Health and Safety Code, Division 20, Chapter 6.7, California Code of Regulations Title 23, Division 3, Chapter 16 and Chapter 18, and Los Angeles County Code, Title 11, Division 4.

CERTIFICATION OF COMPLIANCE WITH
LOS ANGELES COUNTY LOBBYIST ORDINANCE

I certify that I am the person applicant for the project located at:

(LOCATION ADDRESS)

and I am aware of the requirements of Los Angeles County Code, Chapter 2.160 (relating to the Los Angeles County Lobbyist Ordinance) and I (my firm, or my principals on behalf of which I have acted) will comply with such requirements through the application process.

(PRINT NAME)

(SIGNATURE)

(NAME of company, if any, or public agency)

(DATE)

Further assistance may be obtained by calling the County's Lobbyist Hotline at (213) 974-1093 or by visiting the County's Lobbyist Ordinance website at http://lacounty.gov/lobbyist.

Submittals Facilities Businesses Regulations Compliance Responsibilities Reports

UST Facility Operating Permit Application: BANK OF THE WEST

Submittal Event Log History

Submitted for CERS ID [illegible] on 6/6/2018 8:46AM by [illegible]

Submittal Status

Submitted

Facility Information

BANK OF THE WEST
1377 SAN GABRIEL
MONTEREY PARK, CA 91755

Facility Type:
Other

EDF Number:
4405205

Is the facility located on a Reservation/Trust lands?
No

Property Owner

Owner Name Phone
BRE CA Saturn, LLC 818.334.2241

Mailing Address
901 N Brand Ave Suite 220

City State ZIP/Postal Code Country
Glendale CA 91203 United States

Tank Operator

Name Type
George Bryant Construction 909-949-3617

Mailing Address
9335 Oakview St

City State ZIP/Postal Code Country
Alta Loma CA 91737 United States

Tank Owner

Owner Name Phone
BRE CA Saturn, LLC 818.334.2241

Mailing Address
901 N Brand Ave Suite 220

City State ZIP/Postal Code Country
Glendale CA 91203 United States

Tank Owner Type:
Non-Government

Permit Holder Information

Permit Holder Facility Information
Tank Owner

Supervision of Division, Section, or Office (Required for Public Agencies Only)

Financial Responsibility Mechanism(s)

Indicate which financial mechanism(s) are being used to show financial responsibility (check all mechanisms that apply to this facility) pursuant to CFR Part 280, Subpart H, Section 280.93 Paragraph 280.93(a) or HSC Title 23, Division 3, Chapter 18, Section 25299.3

Self-Insurance	Surety Bond	State Fund or CFO Letter	Other Compliance
No	No	No	No
Guarantee	Letter of Credit	State Fund or CFO	
No	No	No	
Insurance	Exemption	Local Government Mechanism	
Yes	No	No	

Prepared By, Patricia Jones on 5/23/2018 10:11 AM
Last Updated By, Patricia Jones on 5/23/2018 10:11 AM

Previous Next

FORM VALID JULY 1, 2018 TO JUNE 30, 2019

DPW USE ONLY:
SITE FILE NO. 6994 – [illegible]
APP [illegible] AREA 3M
CHECK [X] CASH [ ] OTHER [ ]
FEE $ 1,161.00

CLOSURE AUTHORIZATION FOR HAZARDOUS SUBSTANCE UNDERGROUND STORAGE TANKS

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS (DPW)
Environmental Programs Division
900 South Fremont Avenue, 3rd Floor Annex Building
Alhambra, CA 91803-1331
Phone Number (626) 458-3517, Fax Number (626) 458-3509
www.dpw.lacounty.gov/epd

CLOSURE REQUESTED: [illegible]

- [X] PERMANENT UST REMOVAL
- [ ] PERMANENT UST CLOSURE "IN-PLACE" - Attach Justification Statement
- [ ] TEMPORARY CLOSURE
- [ ] OTHER (ONLY PIPING UNDER DISPENSER CONTAINMENT ETC.) EXPLAIN _____

ATTACH PLOT PLAN Show existing tanks, piping and adjacent structures, etc. No scales.

FACILITY Californa Environmental Reporting System (CERS) ID: _____ DATE INFORMATION SUBMITTED TO CERS: _____

HOW MANY UNDERGROUND STORAGE TANKS WILL REMAIN AFTER THIS CLOSURE? 0 EXISTING HSUSP NUMBER 6[illegible]

Who is operating the UST(s)? [ ] UST OWNER/OPERATOR OR [X] CONTRACTOR

Email address of UST owner/operator or recipient: Con@georgebryantcorp.com

FACILITY TO BE CLOSED (VERIFICATION FOR NOTIFICATIONS):

Facility Name: Equity office Phone: 909 944 3517

Facility Address: 1972 Saxony St City: Montebello Zip: 91755

Tank Owner Contact: Maya Collins Title: Property Manager

Contractor Name: George Bryant Construction Phone: 909 944 3517

Contractor License No.: 718966 Class(s): A B C21 C22 HAZ

"Cumulative Fee for Hazardous Substance Removal Derived "Tier" per California Business & Professions Code, Division 3, Chapter 9, Article 4, §7059.1 (a)"

NUMBER OF USTs TO BE CLOSED	UST I.D. NO. (DPW USE ONLY)	CAPACITY GALLONS	SUBSTANCE STORED (AS PER PERMIT)	CLOSURE FEE
1	1	2K	Diesel	$1,161.00
2	2	10K	Diesel	$1,161.00
3	3	10K	Diesel	$1,161.00
4				$1,829.00
5				$2,497.00
5+ ATTACH LIST				$330.00 - $660.00 per UST* =

Closure of Underground Storage Tanks (USTs) shall be in compliance with Los Angeles County Code Title 11, Division 4

COMPLETE SURVEY:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[X]
Was a structural repair ever been made in these underground storage tanks?	[ ]	[X]
Will new underground storage tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES IN TANKS TO BE CLOSED, MAY BE HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE DIVISION 20, CHAPTER 6.5 AND MUST BE REPORTED IN THE CLOSURE REPORT. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below, you certify that all statements and disclosures above are true and correct. You have read and agree to abide by this authorization and all conditions and limitations on the back are attached.

Authorized Recipient (Print Name): Ronald Franklin Phone: 909 944 3517

Recipient's Signature: [signature] Date: 10/25/18

Recipient is: UST Owner [ ] UST Operator [ ] or Contractor [X] Written authorization is required for contracts made on behalf of owner or operator.

To be completed by DPW staff or Public Agency

PURSUANT TO SECTION 11.90.470B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS.

THIS AUTHORIZATION EXPIRES: 04/23/2019 ***SEE ATTACHMENTS***

MARK PESTRELLA
Director of Public Works

By: [signature] Date: 10/25/2018

UNDERGROUND STORAGE TANKS
CLOSURE INFORMATION

1. This authorization to temporarily or permanently close an underground storage tank (UST) pursuant to Los Angeles County Code, Title 11, Division 4. This authorization may also be used for product piping removal associated with an existing or removed USTs.

2. This authorization will not be approved unless a valid Hazardous Substance Underground Storage Permit (HSUSP) application is on file with the DPW or an Unified Program Facility Permit has been issued by the Certified Unified Program Agency (CUPA).

3. Submittals, including this authorization, made on behalf of the UST owner, operator, or Unified Program permit owner or operator shall be accompanied by written authorization.

4. USTs closed on site, by removal, or cleaning and filling with an inert solid substance prior to January 1, 1984, need not comply with current closure requirements. However, contaminations related to these USTs must be reported and investigated.

5. All work shall be carried out in full compliance with all applicable federal, state and local laws, ordinances, rules and regulations.

6. All fees due to DPW and/or to the CUPA for the operation and maintenance of the facility subject to closure through the date of closure shall be paid in full.

7. Closure authorizations are site specific and may be subject to additional sampling and site characterization requirements as necessary to protect the public health and safety, underground and surface water supplies, and may include requirements requested by Federal, State or other regulatory agencies.

8. All inspection notification(s) shall be made as directed by the attached conditions of this approval.

9. Within 30 days after closure, all requirements of this Closure authorization shall be furnished to the DPW in a closure report per the DPW Closure Report Requirements and Supplements, describing all work completed, results of any required sampling, disposition of any contaminated soils or substances found and any other requirements made part of the closure application as well as submittal to the CERS database of the Unified Program UST FACILITY and UST TANK information for each UST permanently closed. http://cers.calepa.ca.gov/

10. In all cases, closure authorizations expire 180 days from the date of issue unless otherwise specified. It is the responsibility of the owner or operator to make sure that the final report contains the required information and is submitted to the DPW within 30 days from the sampling date or 180 days from the date of the permit issuance, whichever is earlier. The total number of tanks listed on the HSUSP or UFP Permit and the yearly annual permit maintenance billing will remain unchanged until the closure report is received by the DPW. Only one copy of the closure report needs to be submitted, unless others are directed.

11. This Closure Authorization is considered complete when all requirements of this Closure Authorization and the Permit have been met.

12. The DPW will review the closure report and will issue closure certification with no further action when all requirements of this Closure Authorization and Permit have been met, and where no unauthorized release has been found.

13. If an unauthorized release has occurred or any detected constituent in soil or groundwater is found above the method detection limit of an analytical method as identified in the laboratory testing requirements, reporting of this unauthorized release must comply with the Health and Safety Code Division 20, Chapter 6.7.

14. Where an unauthorized release has occurred, referral of the closure report will be made to a Regional Water Quality Control Board or State Water Resources Control Board who will then provide further direction until closure certification is issued.

15. All correspondence related to this closure authorization shall include the SITE-FILE numbers listed on the front of this document found in the upper right box and be addressed to the following location:

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 SOUTH FREMONT AVENUE
ALHAMBRA, CA 91803-1331

CERTIFICATION OF COMPLIANCE WITH
LOS ANGELES COUNTY LOBBYIST ORDINANCE

I hereby certify that I am the applicant for the project located at 1922 Saturn ST. Monterey Park, CA
(LOCATION ADDRESS)

and familiar with the requirements of Los Angeles County Code, Chapter 2.160 as amended by the Los Angeles County Lobbyist Ordinance and I, the person acting on behalf of myself, have complied and will continue to comply therewith throughout the application process.

Ronald Franklin
APPLICANT (PRINT NAME)

[signature]
APPLICANT SIGNATURE

George Bryant Construction
COMPANY NAME (If employed by an entity/agency)

10/23/15
DATE

If you suspect fraud or wrongdoing by a County employee, please report it to the County Fraud Hotline at 1-800-544-6861 or http://fraud.lacounty.gov/. You may remain anonymous.

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the County of Los Angeles Department of Public Works, Environmental Programs Division, P.O. Box 1460, Alhambra, California 91802-1460, containing:

1. File number of facility and closure permit number.
2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.
3. Description of methods for obtaining, handling, and transporting samples.
4. Time and date samples were obtained.
5. Soil sampling certification (including but not limited to soils classification, boring logs, sample procedures, sample locations, initiating chain-of-custody, and groundwater location) for Underground Storage Tank closure shall be certified by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils. The certification must clearly state that all work was performed under the supervision of the person signing.
6. Chain-of-custody documentation initiated by person obtaining sample through person at a California Department of Health Services certified laboratory.
7. Disposal destination of tanks and evidence of legal disposal.
8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction, and methods of analysis.
9. Documentation as to depth of groundwater at facility.
10. Manifests to document hazardous waste disposal of any removed soil and tank rinsate.
11. Evidence of legal disposal of soils designated as nonhazardous.
12. Any observations of site contamination.
13. Report to be signed by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils.
14. Submit to the California Environmental Reporting System (CERS) the date the UST was permanently closed for all tanks removed or closed in-place.

Print Name Ronald Frantsen

Signature _____ Date 10/25/12

CERS Business

Home | Submittals | Facilities | Compliance | My Business

UST Facility Operating Permit Application:

Home » Prepare Submittal » UST: UST Facility Operating Permit Application (Draft)

You must complete this form within 30 days of all new permits, permit changes, or facility information changes. You will also need to update/confirm your tank monitoring plan and other pertinent UST-related forms.

All facilities **must** provide a BOE Number - valid numbers are 8 digits long starting with the numbers 44 . State and federal facilities should use 44002062. If **ALL** underground tanks at your facility **ONLY** contain NON petroleum productions, you can provide this generic BOE Number: 44000000. Contact your local regulator if you are unsure what number to provide.

The former paper version of this form was called "UST - Operating Permit Application-Facility Information" (Form A)

More information about UST Financial Responsibility Mechanisms is available at the Water Board's Underground Storage Tank Cleanup Fund Finance & Responsibility web page.

Save | Cancel

Click this field to reflect permanent UST closure.

Type of Action

Confirmed/Updated Information | New Permit | Renewal Permit | Temporary Facility Closure | (•) Permanent Facility Closure | Transfer Permit

Facility Information

EXAMPLE FACILITY

Facility Type *

Motor Vehicle Fueling | Fuel Distribution | Farm | Processor | Other

BOE Number *

Is the facility located on Indian Reservation/Trust lands? *

Yes | No

Tank Operator

Tank Operator Name * | Phone *

Mailing Address *

City | State | ZIP/Postal Code

Country *

United States | For International Addres...

Property Owner

Owner Name * | Phone *

Tank Owner

Owner Name * | Phone *

UST Tank Information/Monitoring Plan: [redacted]

Use this form to enter data for new UST systems or revise data for an existing UST system. You must complete a separate form for each affected tank. For tanks that are part of a compartmentalized unit, each compartment is considered a separate tank. This information is required within 30 days of permit or facility information changes, unless your local agency requires approval prior to making the changes.

The former paper version of this form was called "UST Operating Permit Application–Tank Information" (Form B).

Cancel

Type of Action

Type of Action (UST Tank) *

Confirmed/Updated Information | New Permit | Renewal Permit | Temporary UST Closure | UST Permanent Closure on Site | • UST Removal

Facility Information

EXAMPLE FACILITY

Enter this date after the UST has been removed.

Click this field to reflect permanent removal of the UST.

Tank Description

Tank ID # *

Tank Manufacturer *

Tank Capacity in Gallons *

Date UST System Installed *

Date Existing UST Discovered *

Date UST Permanently Closed *

Tank Configuration *

A Stand-alone Tank | One in a Compartmented Unit

Number of Compartments in the Unit *

Additional Description *

Tank Use and Contents

Tank Use *

Motor Vehicle Fueling
Marina Fueling

Tank Contents *

Regular Unleaded
Premium Unleaded

Tank Construction

Type of Tank *

Single Wall | Double Wall | Unknown

EO Office

TO
Los Angeles County of Public Works

RE
1977 Sunset Street, Monterey Park, CA 91755

On behalf of our company, we authorize Ron Peralta with Mongo Tripod Construction, Inc. to obtain an underground storage tank removal permit.

Maggie Collins
Property Manager
mcollins@eqo.tribe.com
909-778-0200

1981 Business Center
Suite 400
Riverside, CA 92507
(855) 367-8329

CONTRACTORS
STATE LICENSE BOARD
ACTIVE LICENSE

License 718466 CORP

Business GEORGE BRYANT CONSTRUCTION INC

Classifications A B C21 ASB HAZ C22

Expiration 02/29/2020 www.cslb.ca.gov

GEORBRY-01

CERTIFICATE OF LIABILITY INSURANCE

DATE (M
8/16

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLD
CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE
BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUT
REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be
If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A stat
this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER License # 0E67768
Legends Environmental Ins. Services
130 Vantis
Suite 250
Aliso Viejo, CA 92656

CONTACT NAME: Aimee Paiva
PHONE (A/C, No, Ext): (916) 692-7008 53008 FAX (A/C, No): (916) 47
E-MAIL ADDRESS: Aimee.Paiva@ioausa.com

INSURER(S) AFFORDING COVERAGE
INSURER A : United Specialty Insurance Company 1
INSURER B : State National Insurance Company, Inc 1
INSURER C :
INSURER D :
INSURER E :
INSURER F :

INSURED
George Bryant Construction, Inc.
9330 Golden Street
Alta Loma, CA 91737-2821

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POL
INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO W
CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL TH
EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	X COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE $
	CLAIMS-MADE X OCCUR	X		USA4223020	07/01/2018	07/01/2019	DAMAGE TO RENTED PREMISES (Ea occurrence) $
	X CPL						MED EXP (Any one person) $
							PERSONAL & ADV INJURY $
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE $
	POLICY X PRO-JECT LOC						PRODUCTS - COMP/OP AGG $
	OTHER						$
A	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) $
	ANY AUTO			USA4223020	07/01/2018	07/01/2019	BODILY INJURY (Per person) $
	OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident) $
	X HIRED AUTOS ONLY / X NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident) $
							$
A	UMBRELLA LIAB X OCCUR						EACH OCCURRENCE $
	X EXCESS LIAB CLAIMS-MADE			USA4223021	07/01/2018	07/01/2019	AGGREGATE $
	DED RETENTION $						$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						X PER STATUTE / OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N / N/A			NPA0867821	07/01/2018	07/01/2019	E.L. EACH ACCIDENT $
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE $
A	Professional Liab			USA4223020	07/01/2018	07/01/2019	E.L. DISEASE - POLICY LIMIT $ Per Claim

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Professional Liability is written on a Claims Made basis.

DOSH Certificate #351
Contractor's License No. 719866

5470 Asbestos Abatement-All Operations-Including Shop included on Workers' Comp policy.

SEE ATTACHED ACORD 101

CERTIFICATE HOLDER

DOSH, Asbestos Contractor Registration Unit
2424 Arden Way, Suite 495
Sacramento, CA 95825-2417

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED
THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVE
ACCORDANCE WITH THE POLICY PROVISIONS

AUTHORIZED REPRESENTATIVE

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CLOSURE – UNDERGROUND STORAGE TANKS

CONDITIONS A – GENERAL

1. Closures shall be carried out such that all applicable regulations from the following agencies are complied with: Los Angeles County, Department of County Engineer – Facilities; Los Angeles County Fire Department, Fire Prevention Division; or the appropriate City Fire Department; South Coast Air Quality Management District and Los Angeles County Department of Health Services.

2. The County Engineer and Fire Departments shall be notified in advance of any closure in accordance with the following:

   a. Removal of tank shall require a three (3)-business day advance notification.
   b. Permanent closure of a tank in place or a temporary closure shall require a 30-written notification.

3. Consult current fee schedule for costs.

4. All abandoned wells shall be destroyed in such a way that they will not produce water or act as a channel for interchange of water, when such interchange may result in deterioration of the quality of water in any or all water bearing formations penetrated, or present a hazard to the safety and well-being of people and animals.

5. A well destruction permit issued by the Los Angeles Department of Health Services shall be required for all wells requiring a permit for their original construction.

6. Well destruction shall be accomplished according to methods described in the latest "Water Well Standards State of California" by the Department of Water Resources, contained in Bulletin 74 – 81 December 1981, or any other methods that will provide equivalent or better protection.

7. Plans for the decontamination of a facility shall be submitted to the County Engineer for approval no later than 30 days before the commencement of such operations. Other agencies having jurisdiction shall also be notified. These agencies the California Regional Water Quality Board, the Los Angeles County Department of Health Services, and the South Coast Air Quality Management District.

8. Decontamination shall require the following, as a minimum:

   a. Cleaning operation shall be done under the supervision of persons who understand the hazardous potential of the original liquid stored and its components.
   b. The personnel shall be sufficiently skilled to safely carry out such operation.
   c. Contaminated materials removed from each facility shall be disposed of at legal point of discharge.
   d. The operation shall be carried out in a manner that will not endanger the health of the public and the environment.

CONDITIONS B – TEMPORARY

1. All temporary closures shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, "Abandonment or Removal of Underground Tanks," Part A and any other applicable Parts.

2. A temporary closure shall not exceed 180 days.

CONDITION C – PERMANENT TANK (S) REMOVAL

1. All tank removals shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Part B and any other applicable Parts.

2. Owners/operators shall notify the Building Department having jurisdiction at the place of removal if a grading permit is necessary.

3. Removed tanks shall not be transported away from the site until an inspection to establish tank integrity is carried by the County Engineer.

4. If an appointment has been arranged with a County Engineer Inspector to inspect the removal of a tank, the inspector will only wait at the site a reasonable amount of time (approximately one hour) after arriving for the removal to commence. Another inspection fee may be charged if the inspector has to return to the site.

5. After inspection, tanks shall be transported to a legal disposal point.

6. If the tank has stored materials other than motor fuel, fuel oil or waste oil, the integrity shall be demonstrated using the soil samples and analysis procedures described in CONDITIONS D below.

7. The site shall be filled and compacted to the above ground level.

CONDITIONS D – PERMANENT

1. All permanent closures of tanks in place shall comply with Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Parts B no C, and any other applicable Parts.

2. Owners/operators shall demonstrate tank integrity as follows:

   a. Test borings shall be strategically placed to intercept a point beneath the center of the tank, if possible. If strict drilling is not feasible, the test boring may be drilled vertically and the reason stated in the report in 2.h. below.
   b. For single tanks, a minimum of two test borings will be required, each located on opposite sides of the tank along the longer axis of the tank.
   c. For multiple tanks, as a minimum, borings shall be placed at 20-foot intervals around the tank cluster. The actual number and location of borings shall be evaluated on a case-by-case basis. Tanks separated by 20 feet or more shall be considered single tanks for the purposes of test location and placement.
   d. Soil samples shall be taken at depths of 5, 10, 20, 30 and 40 feet below grade level.
   e. A Shelby Tube or a Modified California Sampler shall be utilized for taking all soil samples.
   f. Soil samples shall not be extruded in the field but are to be immediately placed in a refrigerated ice chest and transported to a state certified laboratory for analysis, using suitable methods.
   g. A report containing the results of the above analysis shall be submitted to the County Engineer.

3. If the soil analysis in 2. above indicates the presence of contaminants the County Engineer shall require a site investigation as described in Chapter V of the County's "Underground Storage of Hazardous Materials – Guidelines."

4. A report shall be submitted to the County Engineer containing the results of the site investigation.

CLOSURE APPLICATION SUPPLEMENT
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

PART 1 OF 3

FOR OFFICE USE ONLY
SITE/FACILITY NO. 6494-[illegible]
APPLICATION NO. 4C5[illegible]

To satisfy the permanent closure requirements for underground storage tanks storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

***** Soil sampling will be required for Vent and Vapor Recovery piping for UST systems installed after July 1, 2003. *****

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1A, 1B	2nd feet beneath	TPHD	8015M
2A, 2B	[illegible]	BTEX, MTBE	8260B
3A, 3B		Fuel Oxygenates	
		Organic lead	DOHS Meth.
1 sample	Soil feet below	[illegible]	Same as
	[illegible]	above	above
1 sample	2nd feet below	[illegible]	Same as
	[illegible]	above	above

[illegible]

Continued on Page 2

3. All soil samples obtained shall be discrete, undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date/time of sampling shall be included in the final report.

4. Conform to the analytical requirements table below for petroleum hydrocarbon sites. Apply EPA Method 5035 specified in the USEPA SW-846, version III (12/1996) for soil sample preparation and preservation in order to minimize volatile organic losses. Use the sample collection devices, or equivalent, specified in the method (e.g., the Encore™ sampler). If the Encore™ sampler is used, analyze sample within 48 hours from the collection. Analyze sample within 10 days for soil samples stored under frozen conditions.

UST CONTENTS	Analyte	Analytical Method	Required MDL: Soil (mg/kg)	Required MDL: Water (ug/L)
GASOLINE OR DIESEL	Total Petroleum Hydrocarbons (TPH) - Gasoline	EPA Method 8015 (M)	100-200	50-100
	Total Petroleum Hydrocarbons (TPH) - Diesel	EPA Method 8015 (M)	1000	500
	Benzene	EPA Method 8260B (8021B)	1	0.5
	Toluene	EPA Method 8260B (8021B)	1	0.5
	Ethylbenzene	EPA Method 8260B (8021B)	1	0.5
	Xylenes (total)	EPA Method 8260B (8021B)	1	0.5
	Methyl Tertiary Butyl Ether (MTBE)	EPA Method 8260B	2	1
	Diisopropyl ether (DIPE)	EPA Method 8260B	2	1
	Ethyl tertiary butyl ether (ETBE)	EPA Method 8260B	2	1
	Tertiary amyl methyl ether (TAME)	EPA Method 8260B	2	1
	Tertiary butyl alcohol (TBA)	EPA Method 8260B	20	10
	Ethanol	EPA Method 8260B	200	100
	Methanol	EPA Method 8015 (M)	500	500
WASTE OIL	Total Recoverable Petroleum Hydrocarbons (TRPH) - Waste Oil	EPA Method 418.1 EPA Method 8260B	1000	500
OTHER, UNKNOWN	UST Permitted Contents, all VOC's (EPA Method 8260) + To Be Determined			

Continued on Page 3

5. All soil/groundwater samples shall be analyzed by a laboratory approved by the California Environmental Accreditation Laboratory Program (ELAP).

6. Analytical results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted, b) The method of extraction (if applicable); c) Detection limits for each analytical procedure and determination; d) The method of analysis; e) Signature of chemist certifying results.

7. All soil/groundwater samples obtained shall be handled and transported to laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.

9. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

10. A final report that contains all of the above required information shall be submitted to the office above within one (1) month form the sampling date or 180 days from the date of this permit, whichever is earlier.

11. All electronic data shall be submitted to the State Water Resources Control Board Geotracker database.

STATE OF CALIFORNIA
California Regional Water Quality Control Board
Los Angeles Region
(Underground Storage Tank Program)

General Laboratory Testing Requirements for Petroleum Hydrocarbon Impacted Sites

The purpose of this document is to supplement the Regional Board's Laboratory Report Form (6/00) in order to update obsolete testing requirements and set forth the new requirements for fuel oxygenates and natural attenuation testing. Each analytical method used must be certified by the California Environmental Accreditation Laboratory Program (ELAP).

1. General Laboratory QA/QC Requirements

Conform to the Regional Board's Laboratory Report Form (6/00) in general, except for items specified below.

2. Compounds to be Tested

Total petroleum hydrocarbons in gasoline range (TPH[g]) (C4 – C12); Total petroleum hydrocarbons in diesel range (TPH[d]) (C13 – C22); benzene, toluene, ethylbenzene, xylenes (BTEX); methyl tertiary butyl ether (MTBE); di-isopropyl ether (DIPE); ethyl tertiary butyl ether (ETBE); tertiary amyl methyl ether (TAME); tertiary butyl alcohol (TBA). If the gasoline tanks historically or currently contain methanol or ethanol, these compounds are also to be tested.

3. Analytical Test Methods and Detection Limits

Conform to Table 1 below. Report any concentration detected between the method detection limit (MDL) and estimated quantitation limit (EQL) or reporting limit (RL) in a numerical value with a "J" flag indicator. All "Non-Detect" (ND) shall be reported in the format with "< (numerical MDL)." Integrate all fuel oxygenate additive concentrations into total petroleum hydrocarbons (TPH) and report it as TPH. EPA Method 8021B may be used to substitute EPA Method 8260B at the sites where all fuel oxygenates have not been identified by EPA Method 8260B in soil and/or groundwater.

Table 1: Analytical Requirements

		Required MDL (Method detection limit)	
Analyte	Analytical Method	Soil (µg/kg)	Water (µg/L)
BTEX	EPA Method 8260B(8021B)	1	0.5
MTBE	EPA Method 8260B	2	1
DIPE	EPA Method 8260B	2	1
ETBE	EPA Method 8260B	2	1
TAME	EPA Method 8260B	2	1
TBA	EPA Method 8260B	20	10
TPHg	Cal-LUFT GC/FID or GC/MS	100-200	50-100
TPHd	Cal-LUFT GC/FID	1000	500
Methanol	Cal-LUFT GC/FID	1000	500
Ethanol	Cal-LUFT GC/FID(EPA8260B)	500	250

4. Use of EPA Method 5b35 for Soil Samples

Apply EPA Method 5035A specified in the USEPA SW 846, (7/2002) for soil sample preparation and preservation in order to minimize volatile organic losses. Use the sample collection devices, or equivalent, specified in the method (e.g., the Encore™ sampler). If the Encore™ sampler is used, analyze sample within 48 hours from the collection. Analyze sample within 14 days for soil samples stored under frozen conditions.

5. Natural Attenuation Parameters

Natural attenuation processes include dispersion, dilution, sorption, volatilization, biodegradation, and chemical or biological transformation. A carefully controlled monitoring program for the natural attenuation can be used to confirm site-specific mass reduction and achieve remedial objectives. In order to test parameters to confirm the occurrence of natural attenuation, site characterization must be complete first.

5.1 Primary Natural Attenuation Criteria

Meet the following conditions prior to testing for the secondary natural attenuation parameters:

a) Groundwater contaminant plume must be fully defined.

b) Groundwater monitoring program on a quarterly basis must be completed for at least two years including data of MTBE and other oxygenates.

c) Groundwater concentration has consistently decreased or been stable.

d) Determination of site-specific hydraulic conductivity must be conducted. Refer the ASTM D4044-91 for the slug test procedures. Other field methods (e.g., pumping test) are also acceptable to determine hydraulic conductivity.

e) Characterization of MTBE and other oxygenates plume vertical extent must be completed with discrete multi-depth groundwater sampling at all groundwater vulnerable areas designated by the Board.

5.2 Secondary Natural Attenuation Parameters

Analyze the secondary natural attenuation parameters only after the primary natural attenuation criteria are met. Analyze the secondary natural attenuation parameters at all groundwater monitoring wells inside and outside of the plume. Conform to Table 2 below for parameters and testing methods.

Table 2: Analytical Requirements for Secondary Natural Attenuation Parameters

Parameters	Test Method	Required MDL
pH	EPA Method 150.2 or Field instrument	n/a
Dissolved oxygen (DO)	EPA Method 360.1 or Field instrument	n/a
Redox potential (ORP)	Field instrument	n/a
Sulfate (SO_4)	EPA Method 300	5 mg/L
Nitrate (NO_3)	EPA Method 300	0.1 mg/L
Ferrous iron (Fe^{+2})	EPA Method 200	0.1 mg/L
Methane (CH_4)	EPA Method 8015(M)	5 µg/L

6. Electronic Submittal of Data Reporting

All analytical results shall be uploaded in an electronic format to the State GeoTracker Database.

NOTICE TO CLOSURE PERMIT APPLICANTS

The South Coast Air Quality Management District (SCAQMD) has adopted Rule 1166 regulating emissions of Volatile Organic Compounds (VOC) from decontamination of soil effective **August 5, 1988**.

In addition to the requirements of your Closure Permit, persons excavating any underground storage tank that previously contained VOCs must:

- Notify the SCAQMD by telephone at (909) 396-2326 or by fax at (909) 396-3342 using the SCAQMD notification form 24 hours prior to tank excavation. 1166(d)(2)
- Monitor the excavated material during the excavation for VOC contamination 1166(c)(1)(E)
- When VOC contamination is detected,
  - Cease excavation.
  - Cover the contaminated soil until implementation of approved mitigation measures. 1166(c)(1)(C)
  - Notify the SCAQMD at (909) 396-2326 within 24 hours of detection of VOC contaminated soil. 1166(c)(1)(A)
- A person shall not engage in or allow any on- or off-site spreading of VOC contaminated soil which results in uncontrolled evaporation of VOC to the atmosphere. 1166(c)(3)

Exemptions

- Treatment of less than one (1) cubic yard of contaminated soil. 1166(d)(1)(A)
- Decontamination of soil containing organic compounds that have an initial boiling point of 302°F or greater, Reid Vapor Pressure less than 80 mm Hg or Absolute Vapor Pressure less than 38 mm Hg at 20°C. 1166(d)(1)(B)(i)
- Removal of soil for sampling purposes pursuant to Environmental Protection Agency methods. 1166(c)(1)(D)
- Accidental spillage of five (5) gallons or less of VOC. 1166(d)(1)(D)
- Documentation of soil which is contaminated through natural seepage of VOC from oil and gas wells or other natural sources. 1166(d)(1)(E)

SPECIFIC QUESTIONS ON RULE 1166 SHOULD BE REFERRED TO THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (909) 396-2326

ATTENTION CONTRACTOR
NOTIFICATION/PERMIT REQUIREMENT COMPLIANCE

This Authorization is issued subject to compliance with all applicable laws and regulations relating to the performance of work including, but not limited to, business license requirements, Building Codes, Fire Codes, Air Quality regulations, Health and Safety Codes, Water Codes, and Transportation regulations.

Pursuant to Los Angeles County Code, Section 11.78.045, and the Conditions and Limitations of the attached Hazardous Substance Underground Storage Closure and/or New Construction/Addendum Authorization, you are required to complete **ALL** of the agency notifications indicated below within the time period specified prior to commencement of work.

[X] 72 HOUR ELECTRONIC NOTIFICATION – DEPARTMENT OF PUBLIC WORKS, ENVIRONMENTAL PROGRAMS DIVISION

The owner/operator or contractor shall provide electronic notification to Public Works at least 72 working hours prior to the commencement of any of the following work:

- Closure Authorization Permit: Prior to sampling and backfilling any excavation
- New Construction/Addendum Permit: Prior to backfilling any excavation

Notifications shall only be made at the following link:

- http://dpw.lacounty.gov/GO/DPWJST/

[X] 48 HOUR (OR AS REQUIRED)–LOCAL FIRE DEPARTMENT FIRE PREVENTION INSPECTOR:

[X] City of Monterey Park

[ ] Los Angeles County Fire Department

[X] 24 HOUR–SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

[X] SOUTH COAST AQMD – Rule 1149 and Rule 1166
Telephone: (909) 396-2626
Fax: (909) 396-3342

[ ] ANTELOPE VALLEY AQMD – Rule 1149 and Rule 1166
Telephone: (661) 723-8070

[ ] COUNTY SERVES AS BUILDING OFFICIAL, SEE ATTACHED

[X] CITY SERVES AS BUILDING OFFICIAL

FAILURE TO PROVIDE NOTICE AS REQUIRED ABOVE MAY RESULT IN PERMIT REVOCATION, ADDITIONAL SITE ASSESSMENT REQUIREMENTS AND/OR ADMINISTRATIVE PENALTIES AS PROVIDED BY LAW.

** See attached closure permit supplement for Public Works notification requirements.

As a condition of the closure permit, it is required that the contractor create a profile in this office's electronic notification system in order to schedule inspections.

As of January 12, 2016

County of Los Angeles Department of Public Works Underground Storage Tank Electronic Notification system will now accept notifications for Emergency Repair Work, Prior to Backfill appointments and Closure appointment. Notifications shall only be made at the following link.



http://dpw.lacounty.gov/GO/DPWUST/



Faxes, emails or Telephone calls will not be accepted.

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

ADDITIONAL CONDITIONS FOR UST CLOSURE/SITE ASSESSMENT

TITLE 23: CALIFORNIA CODE OF REGULATIONS - WATERS
DIVISION 3: STATE WATER RESOURCES CONTROL BOARD (SWRCB)
CHAPTER 30: ELECTRONIC SUBMITTAL OF INFORMATION

Article 1 GENERAL PROVISIONS

Section 3890. General Intent, Content, and Applicability of Regulations

(a) The regulations in this Chapter are intended to provide electronic access to reports, including soil, vapor, and water data, prepared for the purpose of subsurface investigation or remediation of: (1) an unauthorized discharge or deposit of waste as defined in section 13050 of the Water Code, (2) an unauthorized release of a hazardous substance as defined in section 25281 of the Health and Safety Code, or (3) a discharge of waste to land subject to Division 2 of Title 27 or Division 3, Chapter 15, of Title 23 of the California Code of Regulations (CCR).

(b) The regulations in this Chapter require persons responsible for submitting certain reports to the State Board, a regional board, or a local agency to submit these reports electronically over the Internet to the State Board's Geotracker system.

(c) The requirements of this Chapter are in addition to, and not superseded by, any other applicable reporting requirements.

(d) Except as provided in Section 3895(b), the electronic reporting requirements of this Chapter are intended to replace requirements for the submittal of paper copies of reports, beginning July 1, 2005.

Authority cited: Sections 13196 and 13198(c), Water Code.

Reference: Sections 13196 and 13198, Water Code.

Article 2. - ELECTRONIC SUBMITTAL OF INFORMATION

Section 3891. Definition of Terms

"COELT" is the United States Army Corps of Engineers Loading Tool program. It is a relational database application that is designed to run with the Microsoft Windows operating system. COELT places laboratory data into the standardized Electronic Deliverable Format (EDF). The program can accept data from Laboratory Information Management System (LIMS) or manually entered data. COELT is an optional software application that is intended to help laboratories that require new software to produce the EDF data deliverable. COELT includes a report utility that allows hard copy laboratory reports to be printed that match the actual electronic data. For purposes of the requirements of this chapter, version 1.2a of COELT may be used. The program (coelt12i.exe) and documents (coelt 1.2i manual.zip) for version 1.2i of COELT are available through links provided at http://www.waterboards.ca.gov/ust. "CSRS-H" is the California Spatial Reference System-Horizontal, which includes the High Precision Geodetic Network (HPGN), the High Precision Geodetic Network–Densification (HPGN-D) and other geodetic control positions. These control positions have been determined by Global Positioning System survey methods in accordance with first order or better standards and specifications from the Federal Geodetic Control Subcommittee (FGCS) of the Federal Geographic Data Committee. These control positions are published by the National Geodetic Survey, California Spatial Reference Center or its successor.

"EDCC" is the Electronic Deliverable Consistency Checker program, which was developed for the EDF1.2i format, described below. The EDCC program is run upon completion of an EDF report and produces an error report. This error report identifies problems within the given data set based upon the EDF database structure, guidelines, restrictions, and valid values. The error report also indicates the nature of each problem, so that the submitter can correct them. For purposes of the requirements of this chapter, the interactive web-version 1.2i or personal computer version 1.2i of EDCC shall be used. Programs (edcczip and edccservicepack.zip) for version 1.2i of EDCC are available through links provided at http://www.waterboards.ca.gov/lust.

"EDF" is the Electronic Deliverable Format, originally developed for the United States Army Corps of Engineers. It is a data standard designed to facilitate transfer of electronic data files from analytical laboratories to end-users. It is a relational database whose files are related to one another through key fields. Laboratories can produce electronic EDF files by using their own LIMS or COELT software. The data components include chain-of custody information, laboratory results, and quality assurance information. For purposes of the requirements of this chapter, version 1.2i of EDF shall be used. Specifications for version 1.2i of EDF (The Electronic Deliverable Format "EDF) Version 1.2i data dictionary are available in Title 27, Division 3, Subdivision 2, Chapter 7 (Laboratory Results) CCR, through links provided at http://www.waterboards.ca.gov/lust.

"Geotracker" is the State Board's Internet-accessible database system used by the State Board, regional boards, and local agencies to track and archive compliance data from authorized or unauthorized discharges of waste to land, or unauthorized releases of hazardous substances from underground storage tanks. This system consists of a relational database, on-line compliance reporting features, a geographical information system (GIS) interface and other features that are utilized by the State Board, regional boards, local agencies, regulated industry and the public to input, manage, or access compliance and regulatory tracking data. Geotracker, initially known as the Geographical Environmental Information Management System (GEIMS) database, is available at http://geotracker.swrcb.ca.gov/.

"PDF" means Portable Document Format. "PDF" files are self-contained and cross-platform documents. A PDF file will look the same on the screen and in print, regardless of what type of computer or printer a person uses or which software package originally created the file. Although PDF files contain the complete formatting of the original document, including fonts and images, they are highly compressed, allowing efficient transfer of complex information.

"Permanent monitoring well" means any artificial excavation by any method made for the purpose of monitoring fluctuations in groundwater levels, the quality of groundwater, or the concentration of contaminants in groundwater and which is used for at least thirty days.

"Report" means any document or item that is required for submittal in order for a person to comply with a regulation, directive, or order issued by the State Board, a regional board, or a local agency, including but not limited to, any analysis of material by a laboratory that has accreditation or certification pursuant to Article 3 (commencing with Section 100825) of Chapter 4 of Part 1 of Division 101 of the Health and Safety Code.
Authority cited: Sections 13196 and 13198 (c), Water Code.
Reference: Sections 13195 (b) and 13196, Water Code.

Section 3892. Reports

The following reports are subject to the requirements of this Chapter, when those reports are required for the purpose of subsurface investigation or remediation of: (1) an unauthorized discharge or deposit of waste as defined in section 13050 of the Water Code; (2) an unauthorized release of a hazardous substance as defined in section 25281 of the Health and Safety Code, or (3) a discharge of waste to land subject to Division 2 of Title 27 or Division 3, Chapter 15 of Title 23 of the California Code of Regulations (CCR).

(a) Reports submitted pursuant to Division 3, Chapter 16, Article 11 of Title 23 of the CCR.

(b) Reports submitted pursuant to Division 2 of Title 27 or Division 3, Chapter 15 of Title 23 of the CCR.

(c) Reports submitted pursuant to section 13304 of the Water Code.

(d) Reports submitted pursuant to section 13267 of the Water Code.

(e) Reports submitted pursuant to any order or directive of the State Board, a regional board or a local agency.

(f) Reports submitted pursuant to the Two-year Joint Cooperative Agreement Execution Plans under the DoD/State Memorandum of Agreement and Navy Cost Recovery Cooperative Agreement, for the State of California.

Authority cited: Sections 13196 and 13198 (c), Water Code.

Reference: Sections 13196 (a) and 13198 (c), Water Code.

Section 3893. Electronic Submittal of Reports

(a) Persons responsible for submitting reports pursuant to this Chapter shall submit the following information described in subdivision (b) electronically over the Internet to the State Board's Geotracker system in conformance with data dictionaries found in Title 27, Division 3, Subdivision 2 (Monitoring and Release Information) and specifications contained in the State Water Resources Control Board EDF Guidelines and Restrictions (version 1.2) and Survey XYZ Guidelines and Restrictions (Version 6). These data dictionaries and documents are available through links provided at http://www.waterboards.ca.gov/ust

(b) Data generated after the effective date of the regulations by chemical analysis of soil, vapor, or water samples (including surface water, groundwater and influent/effluent water samples from remediation systems), shall be submitted in EDF format. All data submitted in EDF format shall be checked for errors prior to and during submittal using the EDOC software consistency checking tool. All data submitted in EDF format must pass this error-checking tool as well as meet normal regulatory requirements in order to be considered valid data. In addition, when required for reports subject to this Chapter, the following shall also be submitted electronically:

(1) The latitude and longitude of any permanent monitoring well for which data is reported in EDF format, accurate to within 1 meter and referenced to a minimum of two reference points from the California Spatial Reference System (CSRS-H), if available.

(2) The surveyed elevation relative to a geodetic datum of any permanent monitoring well.

(3) The elevation of groundwater in any permanent monitoring well relative to the surveyed elevation.

(4) A site map or maps showing the location of all sampling points referred to in the report.

(5) The depth to the screened interval and the length of screened interval for any permanent monitoring well.

(6) Boring logs, in PDF format.

(7) A complete copy of the report in PDF format, which includes the signed transmittal letter and professional certification.

(c) All deadlines and timeframes for submittals of reports are applicable to the information submitted electronically pursuant to this Chapter.

Authority cited: Sections 13196 and 13198 (c), Water Code.

Reference: Sections 13196 and13198 (c), Water Code.

Section 3894. Timing of Electronic Reporting Requirements

(a) Electronic submittals of information for sites subject to the requirements of Title 23, Division 3, Chapter 16, Article 11 of the California Code of Regulations, shall begin on December 16, 2004.

(b) Unless otherwise specifically noted, all other electronic submittals required pursuant to this Chapter shall begin January 1, 2005.

(c) Until July 1, 2005, the electronic reporting requirements of this Chapter are in addition to any existing paper or other reporting requirements.

Authority cited: Sections 13196 and 13198 (c), Water Code.

Reference: Sections 13196 (a) and 13198 (c), Water Code.

Section 3895. Submittal of Alternate Forms of Reports

(a) Beginning July 1, 2005, the successful submittal of electronic information in accordance with this Chapter shall replace the requirement for the submittal of a paper copy, except as provided in subdivision (b).

(b) In addition to the electronic submittal of reports required pursuant to this Chapter, a regulatory agency may require the submittal of a report, or portions thereof, in diskette, compact disc or other form if the agency determines that the alternative form is necessary. The burden, including cost, of these alternative forms shall bear a reasonable relationship to the need for alternative form and benefits to be obtained from the alternative form

Authority cited: Sections 13196 and 13198 (c), Water Code.

Reference: Sections 13196 (a) and 13198 (c), Water Code

NOTICE: Original paper reports with wet ink signature and seal must continue to be submitted to this office pursuant to CCR Title 23, Division 3, Chapter 30, Article 2, Section 3895 (b), regardless if such report is required by regulation to be electronically uploaded to Geotracker.

N

(E) 8K DIESEL UST

(E) GENERATOR BLDG

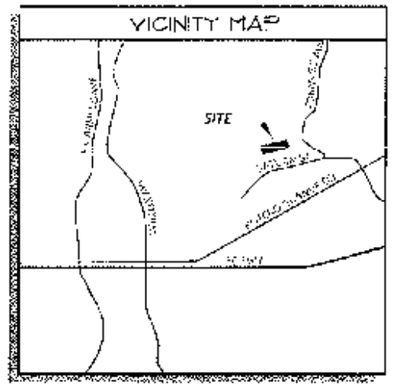
(E) BLDG

(E) 8K DIESEL UST

(E) VEEDER ROOT TANK MONITOR

(E) BLDG

VICINITY MAP



SCOPE OF WORK

1. EXCAVATE AND EXPOSE (2) (E) DIESEL AND (1) 4,000 GALLON UNDERGROUND STORAGE TANKS AND ATTACHED SUPPLY, RETURN, AND VENT PIPING
2. PURGE PRODUCT PIPING BACK TO TANKS PROPERLY RINSE AND CLEAN TANKS REMOVE ALL ATTACHED PIPING LOAD ALL (3) TANKS AND HAUL OFF FOR DESTRUCTION AT AN APPROVED FACILITY
3. GEOLOGIST TO PERFORM SOIL SAMPLING AS DIRECTED BY LADBP AND TRANSPORT SAMPLES TO LAB FOR ANALYSIS SUBMIT CLOSURE REPORT WITHIN 30 DAYS
4. BACKFILL EXCAVATIONS AND RESURFACE TO MATCH EXISTING

NOTES:

GRAPHIC SCALE

REVISIONS

DESIGN

SoCal Compliance

CONTRACTOR

BRE CA SATURN LLC
1ST SATURN STREET
MONTEREY PARK, CA 91755

SITE PLAN

DATE
10-22-18

SCALE
AS SHOWN

DRAWN BY
B. BURNS

CHECKED BY

JOB NUMBER
1977SATURN

SHEET
SP-1

6494 - 65226

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December 5, 2018

Los Angeles County Department of Public Works
Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802-1460

SUBJECT: SOIL SAMPLING RESULTS RELATED TO UST SYSTEM REMOVALS
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

Dear Sirs:

This report summarizes the results of tank system removals, and associated soil sampling activities completed at the subject site in Monterey Park, California (see attached Site Location Map - **Figure 1**).

The soil sampling activities were completed in general accordance with guidelines of Los Angeles County Department of Public Works (LADPW) and the Los Angeles Regional Water Quality Control Board (LARWQCB).

A copy of the UST removal permit is provided in attached **Appendix A.**

The tank removal activities were conducted by George Bryant Construction of Alta Loma, California (contractor). Soil sampling was completed by ALTA EM, Inc. (environmental consultant). A representative of the LACDPW (Mr. William Edwards) was scheduled to be on-site, but called the site contractor on-site within a few minutes of the scheduled inspection time, indicating he would not be able to be on site. Mr. Edwards authorized the UST removals and soil sampling to commence without his presence. A representative of ALTA EM, Inc. also spoke with Mr. Edwards verifying these approvals and provided him our contact info, and the license number of the responsible Professional Geologist prior to proceeding.

Site Setting / Hydrogeology

The site is located at the northern edge of the Coastal Plain of Los Angeles County, in the Merced / Montebello Hills. These hills consist of sedimentary rocks of the Pico Formation, and the site area is dominated by the structural feature known as the Montebello Anticline. The site area is not known to contain large-scale regional aquifers, as is the nearby/adjoining LA County Coastal Plain just to the south. The site is located just north and outside of the Montebello Forebay Area of the LA Coastal Plain Groundwater basin (DWR, 1961).

A review of the LACDPW water well database revealed no listed wells within one mile of the subject site (LACDPW, 2018). ALTA EM, Inc. also contacted a nearby cemetery east of the subject site (see **Figure 1**) asking about any potential well information at this location. The cemetery staff reported they have no wells (Resurrection Cemetery, 2018). A review of the Geotracker database for nearby LUST cases, with well data, revealed one facility approximately 0.5 miles south-southwest of the site with groundwater at approximately 70 feet deep in 2005. All other LUST sites with groundwater well data were greater than 0.75 miles away (Geotracker, 2018).

A-905166

C-9414-21

The site is located at the foot of a small hill, on a large graded earthen pad built for the construction of the commercial office complex which occupies the property. Atop the hill overlooking the site are large municipal water storage tanks, a landscaping nursery (Chuys Nursery) and a community park (Le Lorna Park) (see attached **Figure 2**).

While a regional aquifer is not anticipated beneath the site area, an accumulation of relatively shallow groundwater does exists beneath the site. The source of this groundwater is unknown (i.e. from nearby or on-site irrigation water? an accumulation of natural precipitation? an on-site water leak? combination of these sources?). Groundwater was initially encountered in the larger UST pit at approximately 6 feet, but stabilized at approximately 11.5 feet bgs overnight after it was pumped out to facility the UST removals. It is noted that groundwater appeared to be shallowest in the western-most portion of the area of investigation, even being encountered in a couple of the piping trench soil samples at 4 feet bgs.

Three monitoring wells were noted around the perimeter of the larger UST pit. All three wells appeared to have been partially destroyed (i.e. cement backfilled in their wells boxes). During excavation, the upper three to five feet of several of the wells was exposed and observed to be 4" PVC casing (presumed to also be backfilled). It is unknown if these wells were installed as groundwater monitoring wells or possibly vapose wells when groundwater was absent or deeper.

In summary, while a regional aquifer is not anticipated beneath the site area, an accumulation of relatively shallow groundwater exists beneath the site at 4 to 11.5 feet bgs. The direction of groundwater flow is unknown, though topography of the site would strongly indicate it is likely toward the west to southwest. This is contradicted by on site observations indicating the shallowest groundwaters in the western-most portion of the area investigated.

Tank Contents, Capacity, Construction

Details of the removed tanks were reported by the contractor as follows:

	Content	Capacity	Size	Construction
Tank #1	Diesel Fuel	10,000 gals	34' by 8'	Single-wall fiberglass w/rounded ends
Tank #2	Diesel Fuel	10,000 gals	34' by 8'	Single-wall fiberglass w/rounded ends
Tank #3	Diesel Fuel	2,500 gals	12' by 6'	Double-wall fiberglass coated steel

Larger Tanks 1 & 2 were located in a cluster, while Tank 3 was located approximately 140 feet east of the others. All three tanks contained diesel fuel, and were used to supply emergency generators. All three thanks were buried 3 to 4 feet bgs.

Attached **Figure 3** and **Photo nos. 1 and 2** show the two tank pit areas.

Soil Sampling Methods & Locations

All samples were collected on November 6, 2015.

Samples along the fuel product lines were collected at depths ranging from 3.5 to 5 feet bgs (at least 2 feet beneath removed lines), and were designated as samples no. PS1 to PS13. Attached **Photo nos. 3 through 7** show the various product line trenches which were sampled.

The Tanks 1 & 2 pit contained groundwater at approximately 11.5 feet bgs, and a large concrete pad underlying the tanks at approximately 13.5 feet bgs, precluding reasonable soil sampling. Attached **Photo no. 8** shows groundwater in the tank pit and the concrete pad depth. Given soil samples could not reasonably be collected, alternative groundwater samples were collected from this UST pit with a disposable polyethylene sampling bailer. Attached **Figure no. 3** shows the approximate locations of these two groundwater samples, designated TPGW1 and TPGW2.

The Tank 3 pit also contained an underlying concrete pad throughout the pit bottom at approximately 11.5 feet bgs, but no groundwater. This pad also precluded the reasonable collection of soil samples beneath

the concrete. Alternatively, soil samples were collected from the pit sidewalls just above the concrete pad level, at diagonally opposing corners of the former tank. The locations of these soil samples, designated T3-1-10 and T3-2-10, are shown on attached **Figure 3**.

Soil samples were obtained with the aid of a hand auger or backhoe. Samples were retained in general accordance with EPA method no. 5035 protocol. An additional amount of each sample (for non-VOC analyses) was also collected in laboratory approved 4 oz. glass jars. **Appendix B** includes further details of the sampling procedures.

Attached **Photos 9 & 10** show both UST pits after the tanks had been removed.

Field Observations

During the soil sampling, olfactory and visual observations, as well as soil types were recorded and are summarized in the table below:

SAMPLE NO.	SAMPLE LOCATION	SAMPLE DEPTH (feet bgs)	ODOR	COLOR	SOIL TYPE
PS1-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, damp, clayey F. SAND
PS2-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, silty F. SAND
PS3-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, F. SAND; with trace silt
PS4-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, F. SAND; with trace silt
PS5-5	Piping trench	5	No Odor	No Discoloration	Yellowish brown, damp to moist, clayey gravelly F. SAND
PS6-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist, F. SAND
PS7-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist, gravelly F. SAND
PS8-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist, F. SAND
PS9-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist to wet, silty F. SAND
PS10-3.5	Piping trench	3.5	No Odor	No Discoloration	Yellowish brown, moist to wet, silty F. SAND
PS11-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, saturated, clayey silty F. SAND
PS12-3.5	Piping trench	3.5	No Odor	No Discoloration	Yellowish brown, damp to moist, clayey silty F. SAND
PS13-4	Piping trench	4	Very slight HC odor	No Discoloration	Yellowish brown, wollive motling, moist, sandy SILT; with trace clay
T3-1-10	Tank #3 pit	10	No Odor	No Discoloration	Yellowish orange brown, damp, clayey F. SAND
T3-2-10	Tank #3 pit	10	No Odor	No Discoloration	Yellowish brown, damp, F. SAND, with trace silt and Med Sand.

During the groundwater sampling, olfactory and visual observations were recorded and are also summarized in the table below:

SAMPLE NO.	SAMPLE LOCATION	SAMPLE DEPTH (feet bgs)	ODOR & VISUAL OBSERVATIONS	COMMENT
TPGW1	Tank #1 pit - North	11.5	No odor or sheen	Groundwater sample
TPGW2	Tank #1 pit - South	11.5	No odor or sheen	Groundwater sample

Analytical Methods / Results

All soil and groundwater samples were analyzed for TPH diesel (C_{10}-C_{28}), BTEX and Fuel Oxygenates. The UST removal permit initially indicated that organic lead analyses were also required; however, follow-up communications with Kattya Batres of the LACDPW confirmed the lead analyses were not required if the USTs historically only contained diesel fuel (which is the case) (see Appendix A).

The analyses were completed in general accordance with modified EPA method no. 8015 (for TPH diesel) and EPA method no. 5035/8260B (for BTEX & FUEL OXYENATES). Results are summarized as follows:

SOIL SAMPLES (all results in mg/kg)				
SAMPLE NO.	SAMPLE DEPTH (feet bgs)	TPH DIESEL (C_{10}-C_{28})	BTEX	FUEL OXYGENATES (MTBE, ETBE, DIPE, TAME, TBA)
PS1-4	4	ND	ND	ND
PS2-4	4	ND	ND	ND
PS3-4	4	ND	ND	ND
PS4-4	4	ND	ND	ND
PS5-5	5	ND	ND	ND
PS6-4	4	ND	ND	ND
PS7-4	4	ND	ND	ND
PS8-4	4	ND	ND	ND
PS9-4	4	ND	ND	ND
PS10-3.5	3.5	ND	ND	ND
PS11-4	4	ND	ND	ND
PS12-3.5	3.5	ND	ND	ND
PS13-4	4	15.2	ND	ND
T3-1-10	10	10.5	ND	ND
T3-2-10	10	ND	ND	ND
PQLs	N/A	10	0.005-0.01	0.005 - 0.05

GROUNDWATER SAMPLES (all results in ug/L)				
SAMPLE NO.	SAMPLE DEPTH (feet bgs)	TPH DIESEL (C_{10}-C_{28})	BTEX	FUEL OXYGENATES (MTBE, ETBE, DIPE, TAME, TBA)
TPGW1	11.5	ND	ND	ND
TPGW2	11.5	ND	ND	ND
PQLs	N/A	500	1-3	3-50

In summary, no significant TPH (C_{10}-C_{28}), BTEX or Fuel Oxygenates were detected in any of the soil or groundwater samples. Two soil samples were reported to contain minor detected TPH (C_{10}-C_{28}) at concentration of 15.2 and 10.5 mg/kg. No field evidence indicating major fuel impacts was observed at or nearby these two samples with detections. A laboratory report further detailing the results of the soil/water sample analyses is provided in attached **Appendix C**.

Other Documentation

Provide in attached **Appendix D** are copies of the tank cleaning rinsate manifest, and the tank destruction/recycling certificates.

Conclusions

Three USTs were removed from the subject site. Two UST were located in one pit, and the third was approximately 140 feet away. Soil samples PS-3-4 (piping trench) and T3-1.0 (Tank 3 pit) were reported to contain 15.2 and 10.5 mg/kg of TPH (C_9-C_{20}), but no detected BTEX or Fuel Oxygenates. Every other soil sample was reported to contain no detected TPH (C_{13}-C_{28}), BTEX or Fuel Oxygenates.

Shallow groundwater was encountered in the Tank 1 & 2 pit, as well as a concrete pad underlying the tanks. Two groundwater samples collected from this tank pit were also reported to contain no detected TPH (C_{13}-C_{28}), BTEX or Fuel Oxygenates.

Based on the field observations and laboratory data, there is no evidence to indicate a significant release of diesel fuel from the removed UST systems. No further action is recommended, and a no further action letter is requested from the responsible party. At the time of this report the site had no Geotracker case or global ID assigned, so this report and associated data could not be uploaded.

The opportunity to be of service is greatly appreciated. If you have any questions or comments, please do not hesitate to contact the office at (909) 476-2120.

Very Truly Yours,
ALTA ENV, INC.

ROBERT B. HANSEN
Project Environmental Geologist
California P.G. #5839

cc: File No.: 18738-01

REFERENCES

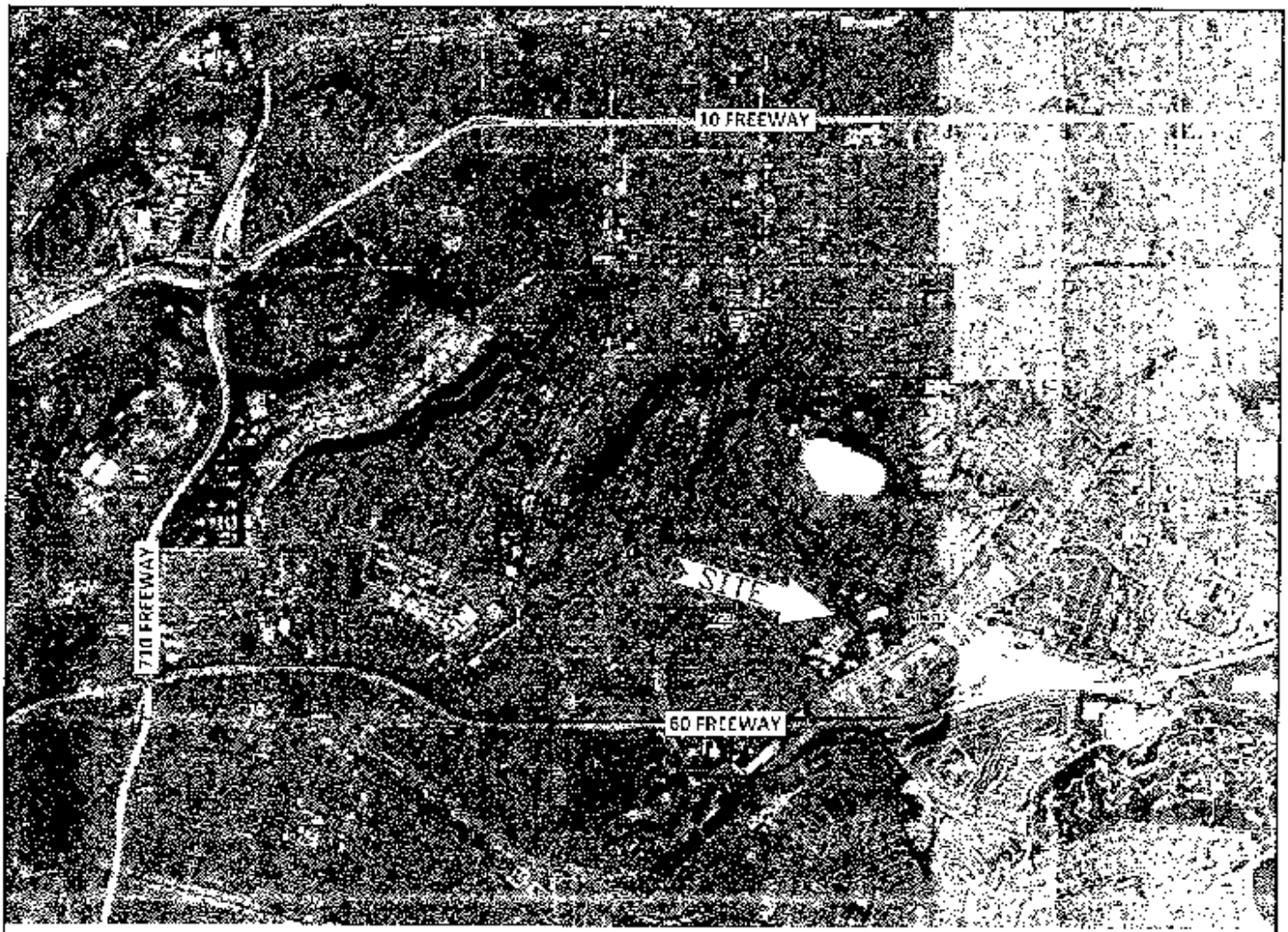
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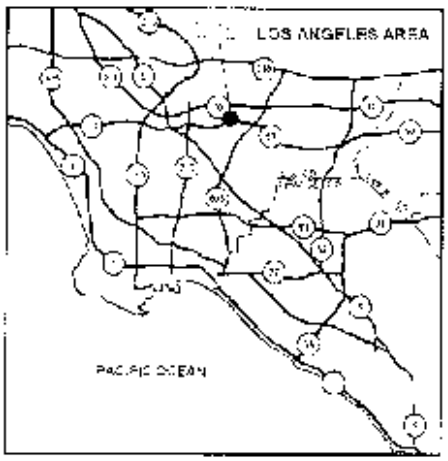
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Resurrection Cemetery, 2018. telecommunication with cemetery staff on November 9, 2018.

USGS (United States Geological Survey). 1966. El Monte Quadrangle 7.5-minute series topographic map, dated 1966, photorevised 1981.





Note:

Base imagery taken from Google Earth, dated 12/2017.

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

TITLE: SITE LOCATION MAP

PROJECT: GBC-MONTEREY PARK
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

DRAWN BY: J. PETTIGAN
CHECKED BY: B. HAVEN
PROJ. NO.: [illegible]
DATE: NOV 2018

FIGURE NO.: 1



0 200 400
Scale: Feet

NOTES:
1. All locations and dimensions are approximate.
2. Base Imagery, taken from Google Earth, dated 12/2017.

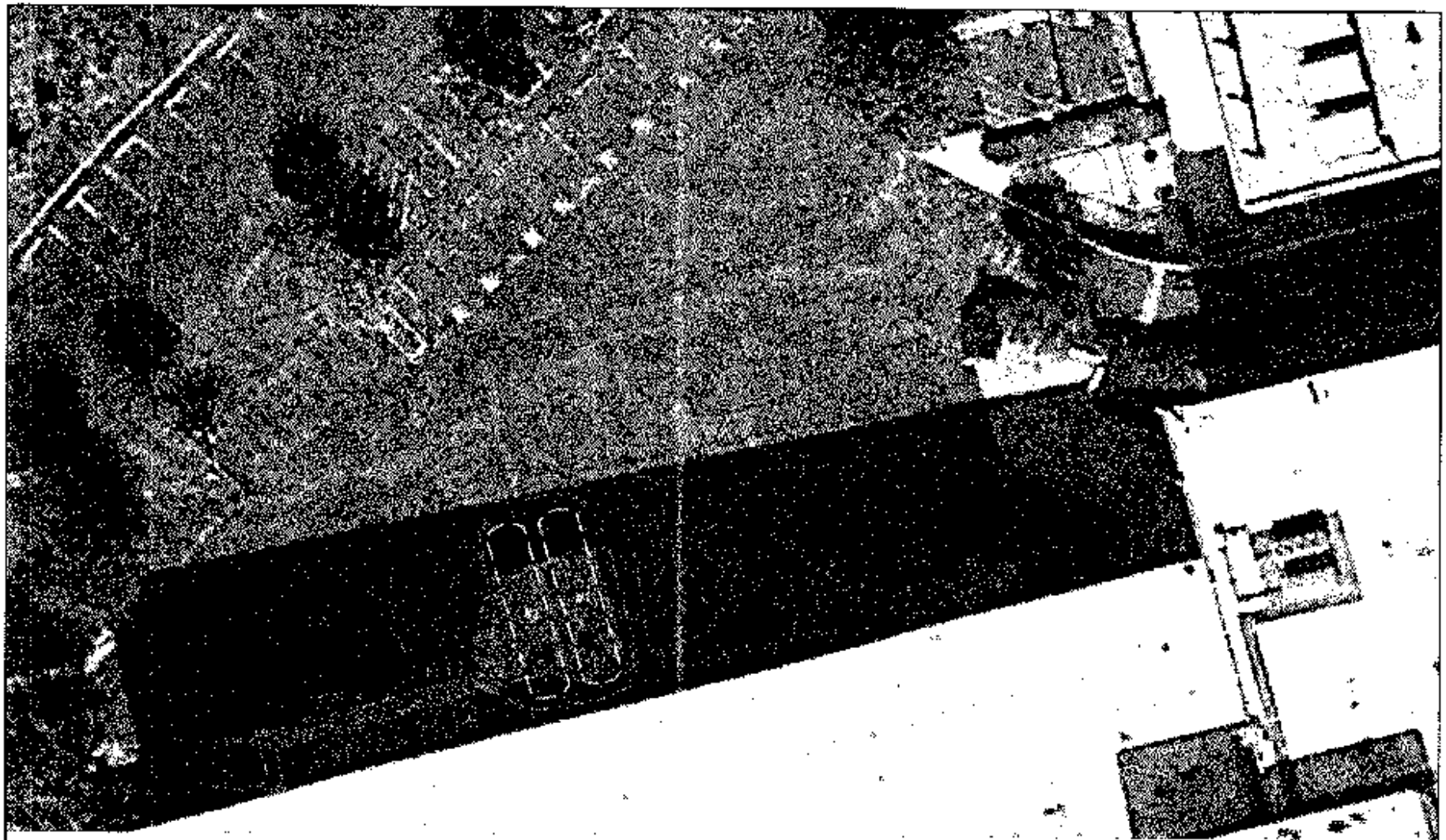
ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

PROJECT:
GBC-MONTEREY PARK
1977 SAT./8N STREET
MONTEREY PARK, CALIFORNIA 91755

TITLE:
SITE PLAN

DRAWN BY: E. PETTIGREW
CHECKED BY: R. HANSEN
PROJECT: 2536.01
DATE: NOV. 2018

FIGURE NO.:
2



EXPLANATION

PS1-4 ▲ Soil Sample Location and Designation

4 Approximate Sample Depth (in ft) Below Ground Surface (feet)

PGW1 ◆ Groundwater Sample Location and Designation

UST Removed UST

Tank No.

Pea Gravel Backfill

Fence Line

0 30 60

Scale, Feet

NOTES:

1) All locations and dimensions are approximate.
2) Base imagery taken from Google Earth dated 10/30/17

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

PROJECT:
GBC-MONTEREY PARK
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

TITLE:
SOIL SAMPLING LOCATIONS

DRAWN BY: [illegible]
CHECKED BY: [illegible]
PROJECT #: [illegible]
DATE: NOV 2017

FIGURE NO.:
3



Photo 1: (looking S) Tanks 1 & 2 pit prior to UST removals. Note evicence of prior (partially destroyed) monitoring wells in background).



Photo 2: (looking N) Tank 3 pit.

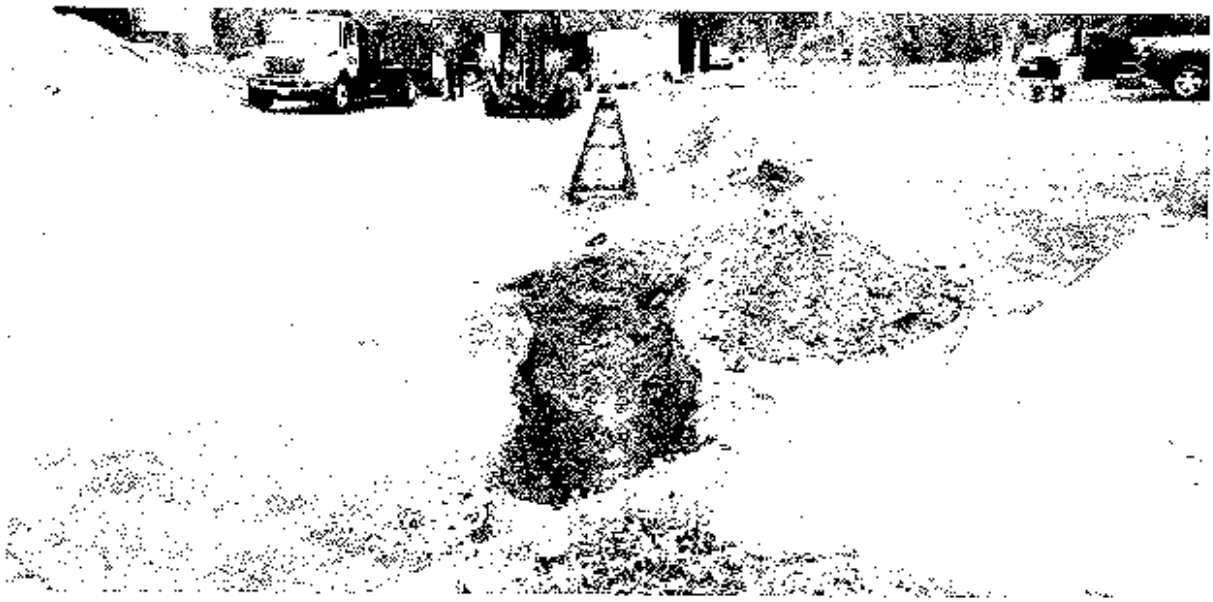


Photo 3: (ooking W) Product line trench section in which sample nos. PS1, PS2, PS3, PS4 and PS5 were collected.

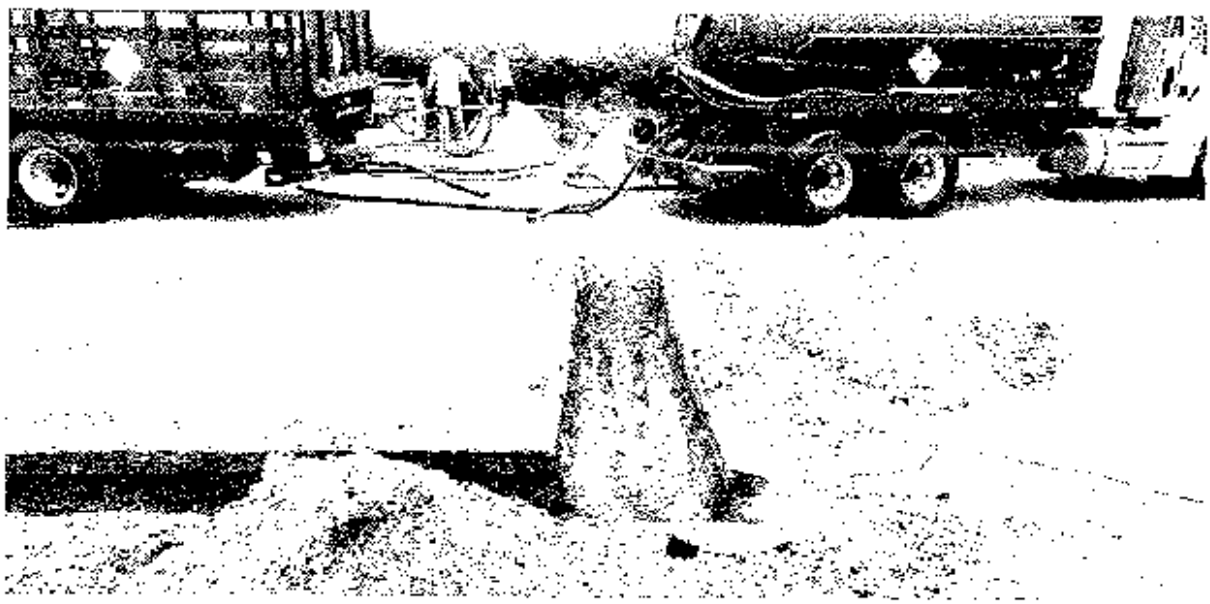


Photo 4: (ooking S) Product line trench section in which sample nos. PS5 and PS13 were collected.



Photo 5: (looking W) Product line trench section in which sample nos. PS9 and PS10 were collected.



Photo 6: (looking S) Product line trench section in which sample nos. PS11 and PS12 were collected.

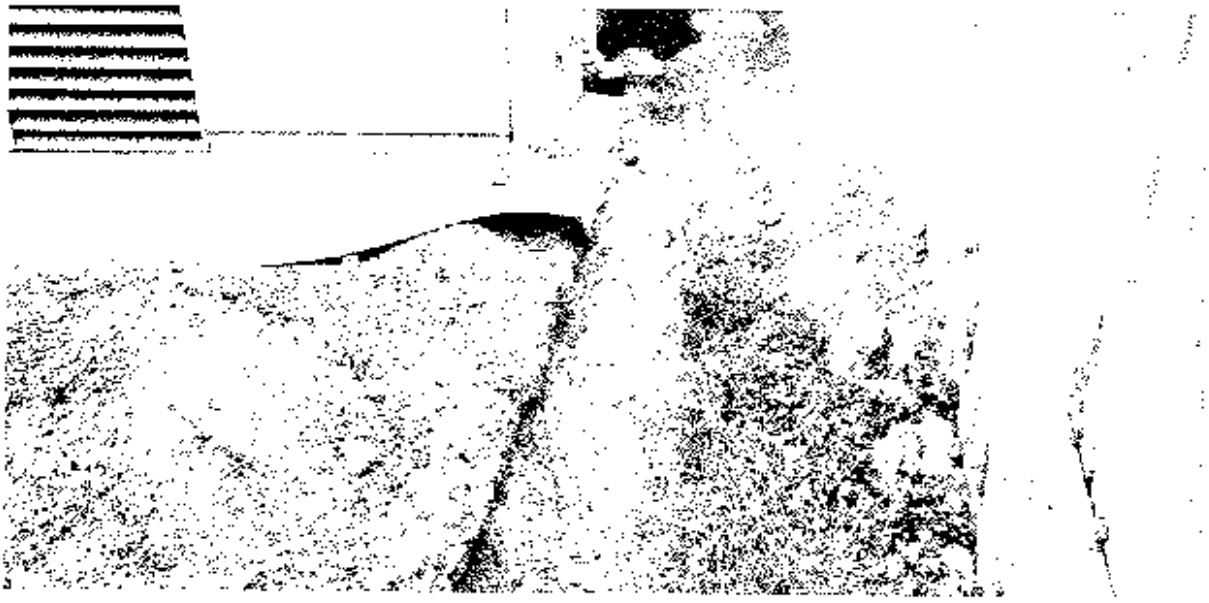


Photo 7: (looking E) Product line trench section in which sample nos. PS6, PS7, and PS8 were collected.



Photo 8: (looking E) Tank #1 and #2 pit after USTs have been removed. Note groundwater in bottom of the pit at 11.5 feet. Excavator bucket tooth are extending through this groundwater and touching an underlying concrete pad at approximately 13.5 feet bgs.



Photo 9: (looking W) Tank 1 and 2 pit after USTs have been removed



Photo 10: (looking W) Tank 3 pit after UST had been removed. Concrete pad underlying pea gravel

APPENDIX A

LACDPW UST REMOVAL PERMIT

FORM VALID JULY 1, 2018 TO JUNE 30, 2019

DPW USE ONLY:
SITE FILE NO. 6994 - 62151
APP NO. 905196 AREA 3M
CHECK (X): CASH [ ] OTHER [ ]
FEE $ 1667.00

CLOSURE AUTHORIZATION FOR HAZARDOUS SUBSTANCE UNDERGROUND STORAGE TANKS

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS (DPW)
Environmental Programs Division
900 South Fremont Avenue, 3rd Floor Annex Building
Alhambra, CA 91803-1331
Phone Number (626) 458-3517, Fax Number (626) 458-3509
www.CleanLA.com

Email all information must be submitted to CERS. Refer to attached forms.

CLOSURE REQUESTED:

- [X] PERMANENT, UST REMOVAL
- [ ] PERMANENT, UST CLOSURE IN-PLACE - Attach Justification Statement
- [ ] TEMPORARY CLOSURE
- [ ] OTHER (ONLY PIPING, UNDER DISPENSER CONTAINMENT, ETC), EXPLAIN: _____

ATTACH PLOT PLAN Show existing tanks, piping and dispenser locations, etc. (to scale).

FACILITY California Environmental Reporting System (CERS) ID: _____ DATE INFORMATION SUBMITTED TO CERS: _____

HOW MANY UNDERGROUND STORAGE TANKS WILL REMAIN AFTER THIS CLOSURE? 0 EXISTING HSUSP NUMBER: 842830

Who is closing the UST(s)? [ ] UST OWNER/OPERATOR OR [X] CONTRACTOR

Email address of UST owner/operator or recipient: ron@georgebayercoast.com

FACILITY TO BE CLOSED (VERIFICATION FOR NOTIFICATIONS):

Facility Name: Equity office Phone: 909 944 3517
Facility Address: 1972 Saxon st City: Monterey Park Zip: 91755
Tank Owner/Contact: Maya Celicic Title: property Manager
Contractor Name: George Bayer Construction Phone: 909 944 2517
Contractor License No.: 718466 Class(s): A B C21 C22 HAZ

*Contractor Shall Be Hazardous Substance Removal Certified "HAZ" per California Business & Professions Code Division 3, Chapter 9, Article 6, §7058.7 (a)**

NUMBER OF USTs TO BE CLOSED	UST ID NO. (DPW USE ONLY)	CAPACITY - GALLONS	SUBSTANCES STORED (PAST)-PRESENT)	CLOSURE FEE
1				$1,143.00
2				$1,405.00
3				$1,667.00
4				$1,929.00
5				$2,191.00
6 (+ ATTACH LIST)				$405.00 + $262.00 per UST

Closure of Underground Storage Tanks (USTs) shall be in compliance with Los Angeles County Code Title 11, Division 4

COMPLETE SURVEY:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[X]
Has a structural repair ever been made to these underground storage tanks?	[ ]	[X]
Will new underground storage tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES IN TANKS TO BE CLOSED, MAY BE HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE DIVISON 20, CHAPTER 6.5 AND MUST BE REPORTED IN THE CLOSURE REPORT. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below, you certify that all statements and disclosures above are true and correct.
You have read and agree to abide by this authorization and all conditions and limitations on the back and attached.

Authorization Recipient (Print Name): Ronald Franklin Phone: 909 944 3517
Recipient's Signature: _____ Date: 10/25/18
Recipient is: UST Owner [ ] UST Operator [ ] or Contractor [X] Written authorization is required for submittals made by a staff of owner/operator.

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.30.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS.

THIS AUTHORIZATION EXPIRES: 04/25/2019 *****SEE ATTACHMENTS*****

MARK PESTRELLA
Director of Public Works

By: _____ Date: 10/25/2018

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the County of Los Angeles Department of Public Works, Environmental Programs Division, P.O. Box 1460, Alhambra, California 91802-1460, containing:

1. File number of facility and closure permit number.

2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.

3. Description of methods for obtaining, handling, and transporting samples.

4. Time and date samples were obtained.

5. Soil sampling certification (including but not limited to soils classification, boring logs, sample procedures, sample locations, initiating chain-of-custody, and groundwater location) for Underground Storage Tank closure shall be certified by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils. The certification must clearly state that all work was performed under the supervision of the person signing.

6. Chain-of-custody documentation initiated by person obtaining sample through person at a California Department of Health Services certified laboratory.

7. Disposal destination of tanks and evidence of legal disposal.

8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction, and methods of analysis.

9. Documentation as to depth of groundwater at facility.

10. Manifests to document hazardous waste disposal of any removed soil and tank rinsate.

11. Evidence of legal disposal of soils designated as nonhazardous.

12. Any observations of site contamination.

13. Report to be signed by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils.

14. Submit to the California Environmental Reporting System (CERS) the date the UST was permanently closed for all tanks removed or closed in-place.

Print Name Ronald Frankum

Signature _____ Date 10/25/16

UST/CSR 03/16/16

CERS Business

Home | Submittals | Facilities | Compliance | My Business

UST Facility Operating Permit Application:

Home » Prepare Submittal » UST: UST Facility Operating Permit Application (Draft)

Instructions/Help

You must complete this form within 30 days of all new permits, permit changes, or facility information changes. You will also need to update/confirm your tank, monitoring plan, and other pertinent UST-related forms.

All facilities **must** provide a BOE Number--valid numbers are 6 digits long starting with the numbers 44. . State and federal facilities should use 44032002. If **ALL** underground tanks at your facility **ONLY** contain NON-petroleum productions, you can provide this generic BOE Number: 44000000. Contact your local regulator if you are unsure what number to provide.

The former paper version of this form was called "UST Operating Permit Application-Facility Information" (Form A).

More information about UST Financial Responsibility Mechanisms is available at the Water Board's Underground Storage Tank Cleanup Fund Financial Responsibility web page.

Click this field to reflect permanent UST closure.

Save | Cancel

Type of Action

Confirmed/Updated Information | New Permit | Renewal Permit | Temporary Facility Closure | (•) Permanent Facility Closure | Transfer Permit

Facility Information

EXAMPLE FACILITY

Facility Type *

Motor Vehicle Fueling | Fuel Distribution | Farm | Processor | Other

BOE Number *

Is the facility located on Indian Reservation/Trust lands? *

Yes | No

Tank Operator

Tank Operator Name * | Phone *

Mailing Address *

City | State | ZIP/Postal Code

Country *

United States | Enter International Address

Property Owner

Owner Name * | Phone *

Tank Owner

Owner Name * | Phone *

UST Tank Information/Monitoring Plan:

Instructions/Help

Use this form to enter data for new UST systems or revise data for an existing UST system. You must complete a separate form for each affected tank. For tanks that are part of a compartmentalized unit, each compartment is considered a separate tank. This information is required within 30 days of permit or facility information changes, unless your local agency requires approval prior to making the changes.
The former paper version of this form was called "UST Operating Permit Application-Tank Information" (Form B)

Copy from other UST Tank | Save | Cancel

Type of Action

Type of Action (UST Tank) *

○ Confirmed/Updated Information ○ New Permit ○ Renewal Permit ○ Temporary UST Closure ○ UST Permanent Closure on Site ● UST Removal

Facility Information

EXAMPLE FACILITY

Enter this date after the UST has been removed.

Click this field to reflect permanent removal of the UST.

Tank Description

Tank ID # *

Date UST System Installed *

Tank Configuration *
○ A Stand-alone Tank ○ One in a Compartmented Unit

Tank Manufacturer *

Date Existing UST Discovered *

Number of Compartments in the Unit *

Tank Capacity In Gallons *

Date UST Permanently Closed *

Additional Description *

Tank Use and Contents

Tank Use *
Motor Vehicle Fueling
Marina Fueling

Tank Contents * Read This First
Regular Unleaded
Premium Unleaded

Tank Construction

Type of Tank * Read This First
Single Wall Double Wall Unknown

CLOSURE – UNDERGROUND STORAGE TANKS

CONDITIONS A – GENERAL

1. Closures shall be carried out such that all applicable regulations from the following agencies are complied with: Los Angeles County Department of County Engineer – Facilities; Los Angeles County Fire Department, Fire Prevention Division or the appropriate City Fire Department; South Coast Air Quality Management District; and Los Angeles County Department of Health Services.

2. The County Engineer and Fire Departments shall be notified in advance of any closure in accordance with the following:

   a. Removal of tank shall require a three (3)-business day advance notification.
   b. Permanent closure of a tank in place or a temporary closure shall require a 30-working notification.

3. Consult current fee schedule for costs.

4. All abandoned wells shall be destroyed in such a way that they will not produce water or act as a channel for interchange of water, where such interchange may result in deterioration of the quality of water in any or all water bearing formations penetrated, or present a hazard to the safety and well being of people and animals.

5. A well destruction permit issued by the Los Angeles Department of Health Services shall be required for all wells requiring a permit for their initial construction.

6. Well destruction shall be accomplished according to methods described in the latest "Water Well Standards: State of California" by the Department of Water Resources, contained in Bulletin 74 – 81, December 1981, or any other methods that will provide equivalent or better protection.

7. Plans for the decontamination of a facility shall be submitted to the County Engineer for approval no later than 20 days before the commencement of such operations. Other agencies having jurisdiction shall also be notified. These agencies the California Regional Water Quality Board, the Los Angeles County Department of Health Services, and the South Coast Air Quality Management District.

8. Decontamination shall require the following, as a minimum:

   a. Cleaning operation shall be done under the supervision of persons who understand the hazardous potential of the original liquid stored and its components.
   b. The personnel shall be sufficiently skilled to safely carry out such operation.
   c. Contaminated materials removed from such facility shall be disposed of at legal point of discharge.
   d. The operation shall be carried out in a manner that will not endanger the health of the public and the environment.

CONDITIONS B – TEMPORARY

1. All temporary closures shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, "Abandonment or Removal of Underground Tanks, "Part A and any other applicable Parts.

2. A temporary closure shall not exceed 180 days.

CONDITION C – PERMANENT TANK(S) REMOVAL

1. All tank removals shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Part B and any other applicable Parts.

2. Owners/operators shall notify the Building Department having jurisdiction at the place of removal if a grading permit is necessary.

3. Removed tanks shall not be transported away from the site until an inspection to establish site integrity is carried by the County Engineer.

4. If an appointment has been arranged with a County Engineer inspector to inspect the removal of a tank, the inspector will only wait at the site a reasonable amount of time (approximately one hour) after arriving for the removal to commence. Another closure fee may be charged if the inspector has to return to the site.

5. After inspection, tank shall be transported to a legal disposal point.

6. If the tank has stored materials other than motor fuel, fuel oil or waste oil, site integrity shall be demonstrated using the soil sampling and analysis procedures described in CONDITIONS D below.

7. The site shall be filled and re-compacted to a relative compaction of 90%.

CONDITIONS D – PERMANENT

1. All permanent closures of tanks in place shall comply with Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Part B or C and any other applicable Parts.

2. Owners/operators shall demonstrate site integrity as follows:

   a. Test borings shall be slant drilled to intercept a point beneath the center of the tank, if possible. If slant drilling is not feasible, the test boring may be drilled vertically and the reason stated in the report in 2.h. below.
   b. For single tanks, a minimum of two test borings will be required, each located on opposite sides of the tank along the major axis of the tank.
   c. For multiple tanks, as a minimum, boring shall be placed at 20 foot intervals around the tank cluster. The actual number and location of borings shall be evaluated on a case-by-case basis. Tanks separated by 20 feet or more shall be considered single tanks for the purposes of test locations and placement.
   d. Soil samples shall be taken at depths of 5, 10, 20, 30 and 50 feet below grade level.
   e. A Shelby Tube or a Modified California Sampler shall be utilized for taking all soil samples.
   f. Soil samples shall not be extruded in the field but are to be immediately placed in a refrigerated ice chest and transported to a state certified laboratory for analysis, using suitable methods.
   g. A report containing the results of the above analysis shall be submitted to the County Engineer.

3. If the soil analysis in 2. above indicates the presence of contaminants, the County Engineer shall require a site investigation as described in Chapter V of the County's "Underground Storage of Hazardous Materials – Guidelines."

4. A report shall be submitted to the County Engineer containing the results of the site investigation.

CLOSURE APPLICATION SUPPLEMENT
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

PART 1 OF 3

DPW USE ONLY
SITE FILE NO. G994-62151
APPLICATION NO 905099

To satisfy the permanent closure requirements for underground storage tanks storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

***** Soil sampling will be required for Vent and Vapor Recovery piping for UST systems installed after July 1, 2003. *****

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1A, 1B	2-4 feet beneath	TPHD	→ 8015M
2A, 2B	tank invert	BTEX, MTBE	→ 8260B
3A, 3B		Fuel Oxygenates	→ 8260B
		Organic lead	→ DOHS Method
1 sample	2-4 feet below	Same as	Same as
each UDC		above	above
1 sample	2-4 feet below	Same as	Same as
piping, every 20 feet		above	above
starting from UDC's			

* Apply EPA Method 5035 for soil sample collection, preparation and analysis.

~~Test for organic lead if past UST contents or tested, or if it is unknown whether past UST contents were leaded.~~

Continued on Page 2

3. All soil samples obtained shall be discrete, undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date/time of sampling shall be included in the final report.

4. Conform to the analytical requirements table below for petroleum hydrocarbon sites. Apply EPA Method 5035 specified in the USEPA SW-846, version III (12/1996) for soil sample preparation and preservation in order to minimize volatile organic losses. Use the sample collection devices, or equivalent, specified in the method (e.g., the Encore™ sampler). If the Encore™ sampler is used, analyze sample within 48 hours from the collection. Analyze sample within 10 days for soil samples stored under frozen conditions.

UST CONTENTS	Analyte	Analytical Method	Required MDL Soil (mg/kg)	Required MDL Water (ug/L)
GASOLINE OR DIESEL	Total Petroleum Hydrocarbons (TPH) - Gasoline	EPA Method 8015 (M)	100-200	50-100
	Total Petroleum Hydrocarbons (TPH) - Diesel	EPA Method 8015 (M)	1000	500
	Benzene	EPA Method 8260B (8021B)	1	0.5
	Toluene	EPA Method 8260B (8021B)	1	0.5
	Ethylbenzene	EPA Method 8260B (8021B)	1	0.5
	Xylenes (Total)	EPA Method 8260B (8021B)	1	0.5
	Methyl Tertiary Butyl ether (MTBE)	EPA Method 8260B	2	1
	Diisopropyl ether (DIPE)	EPA Method 8260B	2	1
	Ethyl tertiary butyl ether (ETBE)	EPA Method 8260B	2	1
	Tertiary amyl methyl ether (TAME)	EPA Method 8260B	2	1
	Tertiary butyl alcohol (TBA)	EPA Method 8260B	20	10
	Ethanol	EPA Method 8260B	500	250
	Naphthalene	EPA Method 8015 (M)	1000	500
OTHER, WASTE OIL UNKNOWN	Total Recoverable Petroleum Hydrocarbons (TRPH) - Waste Oil	EPA Method 418.1 or EPA Method 1664A	1000	500
	UST Permitted Contents, all VOC's (EPA Method 8260) + To Be Determined			

Continued on Page 3

5. All soil/groundwater samples shall be analyzed by a laboratory approved by the California Environmental Accreditation Laboratory Program (ELAP).

6. Analytical results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) Detection limits for each analytical procedure and determination; d) The method of analysis; e) Signature of chemist certifying results.

7. All soil/groundwater samples obtained shall be handled and transported to laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.

9. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

10. A final report that contains all of the above required information shall be submitted to the office above within one (1) month form the sampling date or 180 days from the date of this permit, whichever is earlier.

11. All electronic data shall be submitted to the State Water Resources Control Board Geotracker database.

Subject: Fwd: 1977 Saturn St
From: Ron Franklin <ron@georgebryantconst.com>
Date: 11/14/2018, 3:10 PM
To: Rob Hansen - Aem <rhansen@altaem.com>

Here is the reply for the lead samples. The tanks were always permitted as diesel fuel

Ron Franklin
George Bryant Construction Inc
(909) 944-3517 office
(909)215-4428 cell

Begin forwarded message:

From: "Kattya Batres" <GBATRES@dpw.lacounty.gov>
To: "Ron Franklin" <ron@georgebryantconst.com>
Subject: 1977 Saturn St

Ron,

Attached you can find the pdf copy of the approved tank removal permit. In the soil sample laboratory analysis specification sheet, you can see that we require the samples to be analyzed for Organic Lead, with a note clarifying to test for it if the tanks' contents used to be leaded or if it is unknown whether they were leaded or not.
If the owner is sure these tanks never contained leaded fuel, the Organic Lead analysis can be disregarded. If there is some doubt, then it has to be included.

Best regards,
Kattya Batres
Los Angeles County Public Works
Office: (626) 458-3526

ATT00001.htm

Attachments:

1977 Saturn UST closure permit.pdf	2.9 MB
ATT00001.htm	178 bytes

CLOSURE APPLICATION SUPPLEMENT
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

PART 1 OF 3

DEPT LOG NO. STR 6497-6215
APP. NO. 9850497

To satisfy the permanent closure requirements for underground storage tanks storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

***** Soil sampling will be required for Vent and Vapor Recovery piping for UST systems installed after July 1, 2003. *****

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1A, 1B	3-4 feet beneath	TPHD	→ 8015M
2A, 2B	tank bottom	BTEX, MTBE	→ 8260B
3A, 3B		fuel oxygenates	
		? Organic lead	→ DOHS Meth.
1 sample	3-4 feet below	Same as	Same as
	each UST	above	above
1 sample	2-4 feet below	Same as	Same as
	piping, every 20 feet	above	above
	trench, from UST		

? Apply EPA Method 8015 for all sample collection, preservation and procedure.

Test for organic lead if past UST contents were leaded, or if it is [illegible]

Continued on Page 2

APPENDIX B

SOIL & GROUNDWATER SAMPLING PROCEDURES

APPENDIX B

SOIL & GROUNDWATER SAMPLING PROCEDURES

Soil Samples

- Soil samples collected from the piping trenches were obtained using a hand auger. Soil samples collected from the tank pit were obtained with a backhoe.
- A relatively undisturbed portion of each sample was also retained in general accordance with EPA method no. 5035 protocol, using an EASYDRAW® syringe. An approximate five gram sample was collected with the syringe and ejected each into four pre-tared, 40 ml glass VOA vials (two vials containing pre-measured quantities of $NaHSO_4$, one vial containing MeOH, and one vial with no preservative).
- Additional sample (for non-VOC analyses) was also collected in a laboratory approved, 4-Oz. glass jar at each location.
- All collected samples was labeled with the sample number, date and project number.
- All samples were stored in an ice chest kept at approximately 40 to 50 degrees Fahrenheit prior to transportation to a State of California, Department of Health Services certified laboratory under strict chain-of-custody procedures.
- All reusable soil sampling equipment was washed prior to each sampling events with a solution of LIQUINOX (a phosphate free detergent), rinsed with potable tap water, and then rinsed again with de-ionized water.

Groundwater Samples

- Groundwater samples were obtained with a disposable polyethylene sampling bailer lowered into the groundwater in the bottom of the UST pit.
- The groundwater samples were each retained in a 1-liter amber glass bottle containing H_2SO_4, and three 40-ml glass VOA vials with no preservative.
- All collected samples was labeled with the sample number, date and project number.
- All samples were stored in an ice chest kept at approximately 40 to 50 degrees Fahrenheit prior to transportation to a State of California, Department of Health Services certified laboratory under strict chain-of-custody procedures.

APPENDIX C

LABORATORY REPORT

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: November 16, 2018

Mr. Robert Hansen
Alta GE, Inc.
8780 Utica Avenue, Suite 250
Rancho Cucamonga, CA 91730
Tel(909)476-2190 Fax(909)476-2210

Project: **GBC - Monterey Park / 18738-01**
Lab I.D.: **181109-36 through -52**

Dear Mr. Hansen:

The **analytical results** for the soil and water samples, received by our laboratory on November 9, 2018, are attached. The samples were received chilled, intact, and accompanying chain of custody record.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manager

Andy Nguyen
Laboratory Manager

Envirn - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 595-5905 Fax (909) 595-5907

LABORATORY REPORT

CUSTOMER: Alta EM, Inc.
9280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

P.O. NO.: GBC - Monterey Park / 18738-01

MATRIX: SOIL
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT HANSEN

DATE RECEIVED: 11/9/18
DATE EXTRACTED: 11/12/18
DATE ANALYZED: 11/13/18
DATE REPORTED: 11/20/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B; PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
PS1-4	181109-26	ND	1
Method Blank		ND	
	PQL	10	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ADJ. PQL = ADJUSTED LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:
CAL-DHS ELAP CERTIFICATE No.: 1150

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Alta EM, Inc.
6285 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: GSC - Monterey Park / 18738-01

MATRIX: Soil
SAMPLING DATE: 11/08/18
REPORT TO: Ms. Robbie Hansen

DATE RECEIVED: 11/13/18
DATE EXTRACTED: 11/13/18
DATE ANALYZED: 11/13-14/18
DATE REPORTED: 11/15/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B; PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
PS2-4	181109-37	ND	1
PS3-4	181109-38	ND	1
PS4-4	181109-39	ND	1
PS5-5	181109-40	ND	1
PS6-4	181109-41	ND	1
PS7-4	181109-42	ND	1
PS8-4	181109-43	ND	1
PS9-4	181109-44	ND	1
PS10-3.5	181109-45	ND	1
PS11-4	181109-46	ND	1
PS12-3.5	181109-47	ND	1
PS13-4	181109-48	13.2 Y	1
T3-1-10	181109-49	10.5 Y	1
T3-2-10	181109-50	ND	1
Method Blank		ND	1
	PQL	10	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
Y = PEAKS IN DIESEL RANGE BUT CHROMATOGRAM DOES NOT MATCH 1 OF 5 DIESEL STANDARD

Data Reviewed and Approved by:
CAL DHS ELAP CERTIFICATE No.: 1172

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 11/13/2018 Units: mg/Kg (ppm)

Matrix: **Soil/Solid/Sludge/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 181113-LCS1/2

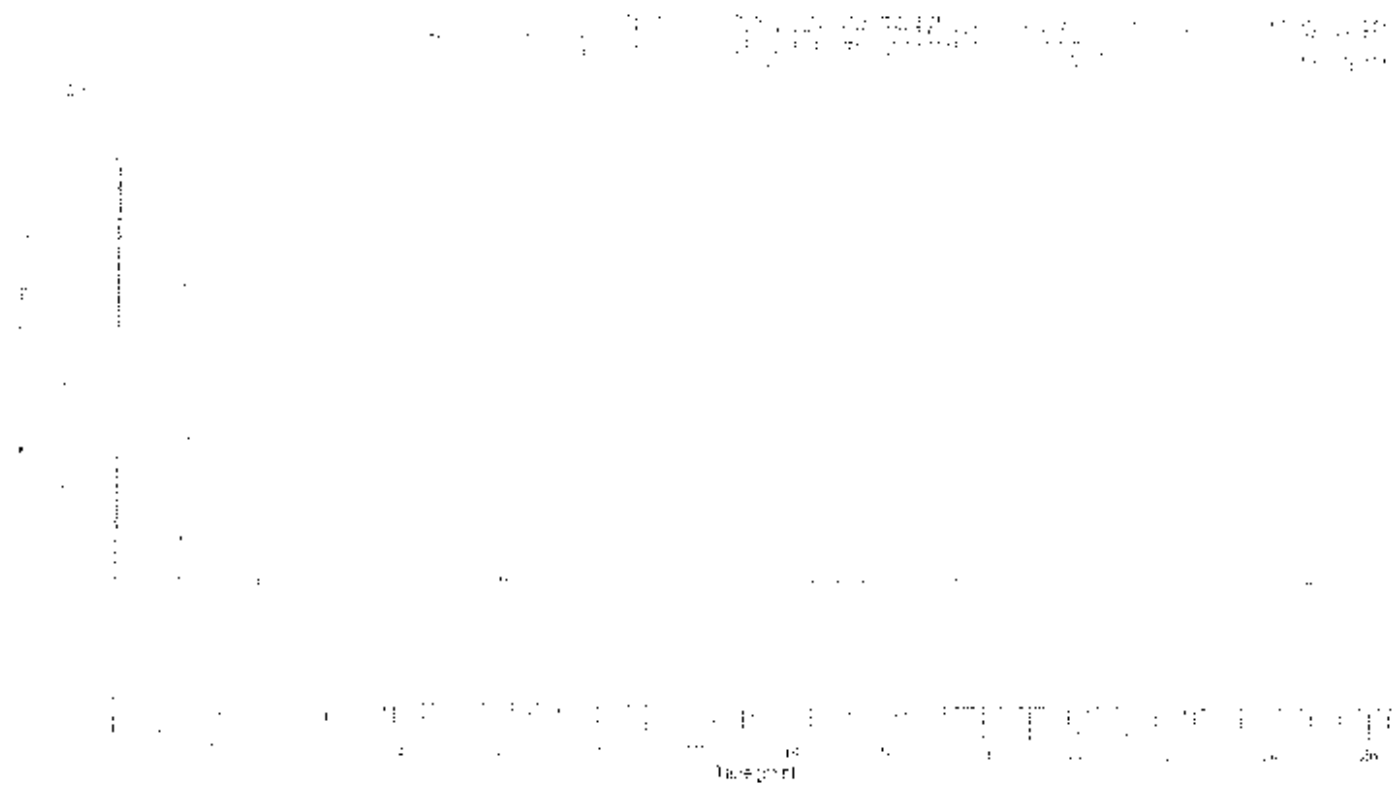
Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10-C28 Range	0	200	153	77%	151	76%	1%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10-C28 Range	200	178	89%	75-125

Analyzed and Reviewed By:

Final Reviewer:



Histogram

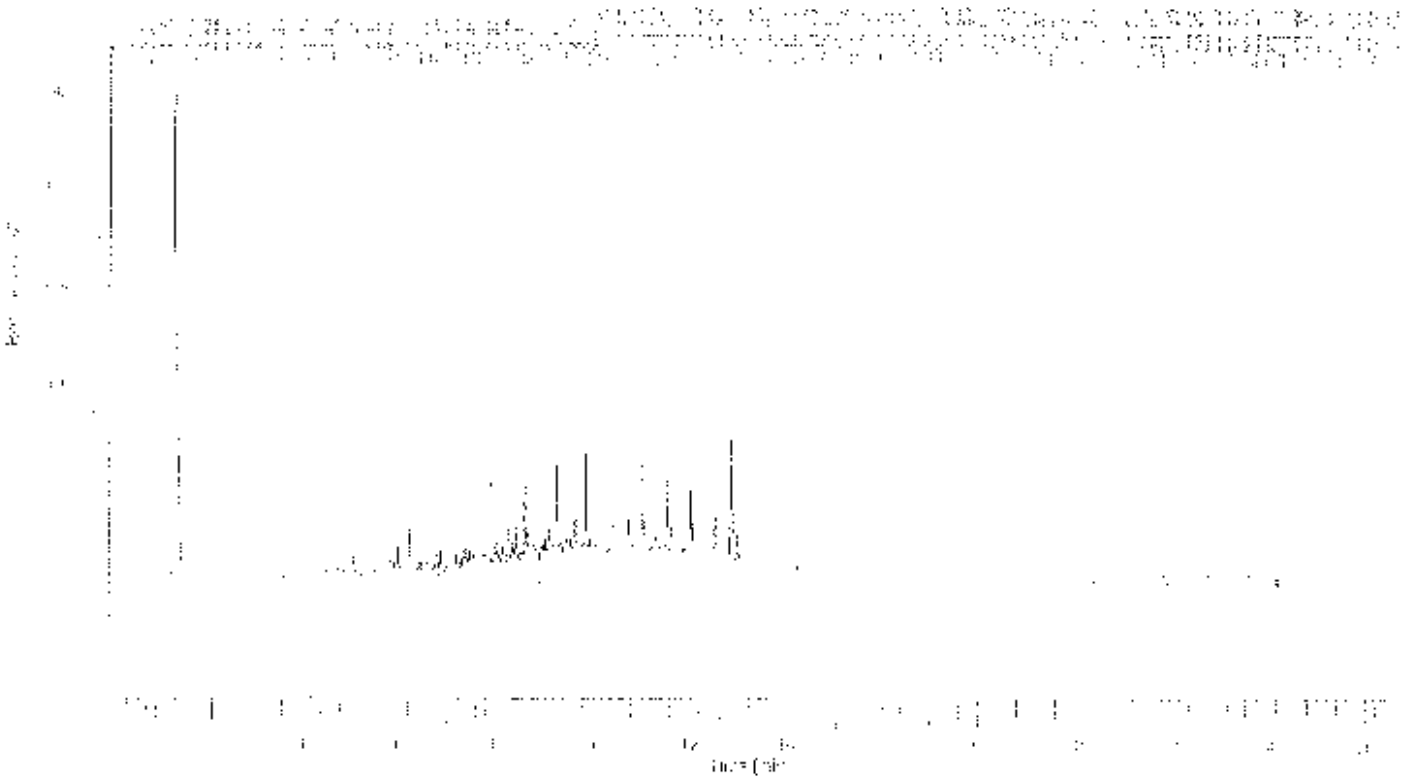
2015 Results

Laboratory:	[illegible]	Job:	[illegible]
Analyst:	[illegible]	Date Acquired:	[illegible]
Sample ID:	[illegible]	Lot:	[illegible]
Batch ID:	[illegible]	Comment:	[illegible]
Original Amount:	[illegible]	Dilution:	[illegible]

Peak Results

[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

Date	11/15/2018 4:24:29 PM
Sample Type	Unknown
Assay Type	Assay
Operator	Administrator



Results

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 11/13-14/2016 Units: mg/Kg (ppm)

Matrix: **Soil/Solid/Sludge/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **181109-37 MS/MSD**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10-C28 Range	0	200	175	88%	156	80%	10%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10-C28 Range	200	195	98%	75-125

Analyzed and Reviewed By: _____

Final Reviewer: _____

Xenco - Chem, Inc.
1913 N. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Alta EM, Inc.
9280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6919

PROJECT: GBC - Monterey Park / 18738-01

MATRIX:WATER
SAMPLING DATE:11/08/18
REPORT TO:MR. ROBERT JANSEN

DATE RECEIVED:11/09/18
DATE EXTRACTED:11/09/18
DATE ANALYZED 11/12/18
DATE REPORTED:11/13/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
TP GW1	811109-02	71	1
TP_GW2	811109-03	ND	1
Method Blank		ND	1
	PQL	500	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NOT DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:
DAS-DHS ELAP CERTIFICATE No.: 1509

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: [illegible] Units: ug/L (PPB)

Matrix: **Water/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 101111-LCS/4

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10-C28 RANGE	0	12000	14100	118%	13900	116%	1%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10-C28 RANGE	12000	10900	91%	75-125

Analyzed and Reviewed by: _____

Final Reviewer: _____

Envirochem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Alta EM, Inc.
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: GBC - Monterey Park / 19738-01
MATRIX: SOIL
SAMPLING DATE: 1/08/18
REPORT TO: Mr. Scott Hamner

DATE RECEIVED: 1/09/18
DATE ANALYZED: 1/10/18
DATE REPORTED: 1/12/18

EPA 5035/8260B FOR BTEX
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	DF
PS1-4	181109-38	ND	ND	ND	ND	1
PS2-4	181109-37	ND	ND	ND	ND	1
PS3-4	181109-36	ND	ND	ND	ND	1
PS4-4	181109-35	ND	ND	ND	ND	1
PS5-5	181109-40	ND	ND	ND	ND	1
PS6-4	181109-41	ND	ND	ND	ND	1
PS7-4	181109-42	ND	ND	ND	ND	1
PS8-4	181109-43	ND	ND	ND	ND	1
PS9-4	181109-44	ND	ND	ND	ND	1
PS10-3.5	181109-45	ND	ND	ND	ND	1
PS11-4	181109-46	ND	ND	ND	ND	1
PS12-3.5	181109-47	ND	ND	ND	ND	1
PS13-4	181109-48	ND	ND	ND	ND	1
T3-1-10	181109-49	ND	ND	ND	ND	1
T3-2-10	181109-50	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	
PQL		0.005	0.005	0.005	0.010	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NOT DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91767 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Alta EM, Inc.
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: GBC - Monterey Park / 18738-01
MATRIX: SOIL
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT DANIEL

DATE RECEIVED: 11/09/18
DATE ANALYZED: 11/10/18
DATE REPORTED: 11/19/18

EPA 5035/8260B FOR FUEL OXYGENATES
UNITS: mg/Kg - MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
PS1-4	181109-36	ND	ND	ND	ND	ND	1
PS2-4	181109-37	ND	ND	ND	ND	ND	1
PS3-4	181109-38	ND	ND	ND	ND	ND	1
PS4-4	181109-39	ND	ND	ND	ND	ND	1
PS5-5	181109-40	ND	ND	ND	ND	ND	1
PS6-4	181109-41	ND	ND	ND	ND	ND	1
PS7-4	181109-42	ND	ND	ND	ND	ND	1
PS8-4	181109-43	ND	ND	ND	ND	ND	1
PS9-4	181109-44	ND	ND	ND	ND	ND	1
PS10-3.5	181109-45	ND	ND	ND	ND	ND	1
PS11-4	181109-46	ND	ND	ND	ND	ND	1
PS12-3.5	181109-47	ND	ND	ND	ND	ND	1
PS13-4	181109-48	ND	ND	ND	ND	ND	1
T3-1-10	181109-49	ND	ND	ND	ND	ND	1
T3-1-10	181109-50	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
PQL		0.01	0.01	0.005	0.01	0.05	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL TERT-BUTYL ETHER DIPE = DIISOPROPYL ETHER
MTBE = METHYL TERT-BUTYL ETHER TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1525

Enviro Chem Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8230B QA/QC Report

Date Analyzed: [illegible]
Machine: C

Matrix: Soil/Solid/Liquid
Unit: ppb/kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: [illegible]

Analyte	S.R.	spk conc.	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.046	92%	0.045	90%	2%	75-125	0-20
Chlorobenzene	0	0.050	0.049	98%	0.050	100%	2%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.041	82%	0.043	86%	4%	75-125	0-20
Toluene	0	0.050	0.047	94%	0.047	94%	0%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.044	88%	0.045	90%	2%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.044	88%	75-125
Chlorobenzene	0.050	0.055	110%	75-125
Chloroform	0.050	0.039	78%	75-125
1,1-Dichloroethene	0.050	0.043	86%	75-125
Ethylbenzene	0.050	0.053	106%	75-125
o-Xylene	0.050	0.054	108%	75-125
m,p-Xylene	0.100	0.105	105%	75-125
Toluene	0.050	0.047	94%	75-125
1,1,1-Trichloroethane	0.050	0.040	80%	75-125
Tetrachloroethene (PCE)	0.050	0.051	102%	75-125

Surrogate Recovery	spk conc.	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	181109-36	181109-37	181109-38	181109-39	181109-40	181109-41
Dibromofluoromethane	50.0	70-130	88%	92%	91%	88%	93%	99%	96%
Toluene-d8	50.0	70-130	94%	96%	99%	96%	95%	97%	98%
4-Bromofluorobenzene	50.0	70-130	104%	106%	100%	103%	99%	101%	98%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			181109-42	181109-43	181109-44	181109-45	181109-46	181109-47	181109-48
Dibromofluoromethane	50.0	70-130	89%	90%	91%	94%	101%	104%	102%
Toluene-d8	50.0	70-130	96%	95%	99%	97%	100%	99%	99%
4-Bromofluorobenzene	50.0	70-130	102%	100%	100%	98%	102%	102%	97%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			181109-49	181109-50				
Dibromofluoromethane	50.0	70-130	100%	102%				
Toluene-d8	50.0	70-130	95%	100%				
4-Bromofluorobenzene	50.0	70-130	98%	100%				

* = Surrogate fail due to matrix interference. LCS, MS, MSD are all spiked therefore the analyses is in control.

S.R. = Sample Results
%RC = Percent Recovery
spk conc = Spike Concentration
ACP %RC = Accepted Percent Recovery
MS = Matrix Spike
MSD = Matrix Spike Duplicate

Analyzed/Reviewed By: [signature]

Final Reviewer: [illegible]

Enviro - Chem, Inc.
1214 S. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-4905 Fax (909) 590-6907

LABORATORY REPORT

CONTACT: Alta EM, Inc.
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: GDC - Monterey Park / 18738-01
MATRIX: WATER
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT HANSEN
DATE RECEIVED: 11/09/18
DATE ANALYZED: 11/15/18
DATE REPORTED: 11/15/18

EPA 5030B/8260B FOR BTEX
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	DF
TF GW1	18L09-01	ND	ND	ND	ND	1
TF GW2	18L09-02	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	1
PQL		1.00	1.00	1.00	3.00	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:
CAL-DHS ELAP CERTIFICATE NO.: 1556

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Alta EM, Inc.
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: GBC - Monterey Park / 18738-01
MATRIX: WATER
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT BALSON
DATE RECEIVED: 11/09/18
DATE ANALYZED: 11/13/18
DATE REPORTED: 11/15/18

EPA 5030B/8260B FOR FUEL OXYGENATES
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
TP GW1	181109-51	ND	ND	ND	ND	ND	1
TP GW2	181109-52	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
	PQL	5.00	5.00	3.00	5.00	50.0	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL tert-BUTYL ETHER DIPE = ISOPROPYL ETHER
MTBE = METHYL tert-BUTYL ETHER TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Dal - Reviewed and Approved by: _____
CAL DHS ELAP CERT.#2272 No.: 1500

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: [illegible]
Machine: B

Matrix: Water/Liquid
Unit: ug/L (PPB)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 181109-35 MS/MSD

Analyte	S/R	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	25.0	22.9	92%	23.8	95%	4%	75-125	0-20
Chlorobenzene	0	25.0	22.4	90%	23.7	95%	5%	75-125	0-20
1,1-Dichloroethene	0	25.0	22.2	89%	18.8	75%	14%	75-125	0-20
Toluene	0	25.0	22.4	90%	23.5	94%	5%	75-125	0-20
Trichloroethene (TCE)	0	25.0	22.7	91%	24.5	98%	7%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	25.0	21.6	86%	75-125
Chlorobenzene	25.0	21.6	86%	75-125
Chloroform	25.0	22.0	88%	75-125
1,1-Dichloroethene	25.0	21.4	86%	75-125
Ethylbenzene	25.0	20.9	84%	75-125
o-Xylene	25.0	21.6	87%	75-125
m,p-Xylene	50.0	44.2	88%	75-125
Toluene	25.0	21.6	86%	75-125
1,1,1-Trichloroethane	25.0	20.9	84%	75-125
Trichloroethene (TCE)	25.0	20.7	83%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	181109-35	181109-25	181108-20	181108-21	181108-22	181108-23
Dibromofluoromethane	25.0	70-130	96%	84%	84%	87%	87%	92%	86%
Toluene-d8	25.0	70-130	102%	100%	99%	100%	101%	101%	101%
4-Bromofluorobenzene	25.0	70-130	93%	89%	88%	94%	91%	90%	91%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			181108-24	181108-25	181108-26	181109-62	181109-51	181109-52	
Dibromofluoromethane	25.0	70-130	84%	79%	82%	82%	83%	86%	
Toluene-d8	25.0	70-130	100%	100%	100%	100%	99%	100%	
4-Bromofluorobenzene	25.0	70-130	91%	89%	90%	89%	90%	90%	

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.									
Dibromofluoromethane	25.0	70-130							
Toluene-d8	25.0	70-130							
4-Bromofluorobenzene	25.0	70-130							

* = Surrogate fail due to matrix interference. LCS, MS, MSD are in control therefore the analysis is in control
S/R = Sample Results
spk conc = Spike Concentration
MS = Matrix Spike
%RC = Percent Recovery
ACP %RC = Accepted Percent Recovery
MSD = Matrix Spike Duplicate

Analyzed/Reviewed By:

Final Reviewer:

Jessica Lin <enviroche[illegible]inc@gmail.com>

GBC -Monterey Park

Rob Hansen - AEM <rhansen@altaem.com>
To: Jessica LIN <enviroche[illegible]inc@gmail.com>
Cc: curt@enviro-chemlab.com

Wed, Nov 14, 2018 at 4:22 PM

Jessica Curt and I discussed putting the organic lead analyses on hold for those soil samples picked up last Friday. The Regulator has approved NOT doing this particular analysis, so please do not

Enviro-Chem, Inc. Laboratories
[illegible] E. Lexington Avenue,
Pomona, CA 91766
Tel: [illegible] Fax: 909) 623-5617
DHS ELAP CERTIFICATE #1555

Turnaround Time
[illegible] Same Day
[illegible] 24 Hours
[illegible] 48 Hours
[illegible] 72 Hours
[illegible] Other (specify)

SAMPLE ID	LAB #	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TOTAL PETROLEUM HYDROCARBONS	Analysis Required	COMMENTS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Enviro-Chem, Inc. Laboratories
1214 E. Lexington Avenue
Pomona, CA 91766
Tel: 909 623-8985 Fax: 909 623-8757
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
- 24 Hour
- 48 Hour
- 5 Day
- Normal

SAMPLE I.D.	LAB #	SAMPLING DATE/TIME	MATRIX	NO. OF CONTAINERS	Analysis Required	COMMENTS

Company Name:

Address:

City/State/Zip:

Project Contact:

Tel:

Fax/Email:

Sampler's Signature:

Project Name/No.:

Relinquished by:

Relinquished by:

Relinquished by:

Received by:

Received by:

Received by:

- Normal
- Other

Comments/Special Instructions for Sample Storage & Report Analysis
- Dispose of
- Return to Client
- Store for 30 Days
- Other

CHAIN OF CUSTODY RECORD

Page ___ of ___

APPENDIX D

OTHER REMOVAL DOCUMENTATION
(RINSATE MANIFEST, TANK DESTRUCTION / RECYCLING CERTIFICATE)

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	CAD002986628	1	909 944-3517	019436560 JJK

GENERATOR

5. Generator's Name and Mailing Address
EQUITY OFFICE
1977 SATURN STREET
MONTEREY PARK, CA 91755
Generator's Phone: 323 890-7001 Attn: ROBERT DEL RICCIO

Generator's Site Address (if different than mailing address)
EQUITY OFFICE
1977 SATURN STREET
MONTEREY PARK, CA 91755

6. Transporter 1 Company Name: ADAMS SERVICES, INC. — U.S. EPA ID Number: CAR000189431

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
DEMENNO/KERDOON
2000 N. ALAMEDA STREET
COMPTON, CA 90222
Facility's Phone: 310 537-7100
U.S. EPA ID Number: CAT080013352

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. RQ, RCRA HAZARDOUS WASTE LIQUID (WATER WITH TRACE HYDROCARBONS)	1	TT		G	343
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
AVOID EYE CONTACT & WEAR RUBBER GLOVES
ERG 128
CONTRACTOR: GEORGE BRYANT
1) WATER WITH HYDROCARBONS

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month / Day / Year

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: RUBEN JARAMILLO — Signature — Month: 11 Day: 08 Year: 18
Transporter 2 Printed/Typed Name — Signature — Month / Day / Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month / Day / Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month / Day / Year

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

AZUSA LAND RECLAMATION

1211 W. Gladstone St, Azusa, CA 91702
Phone: 626-2249127 FAX: 626-8120801

Certificate of Material Destruction

THIS RECORD IS TO CERTIFY THAT MATERIAL RECEIVED ON NOVEMBER 08, 2018 AT 13:03 PM.
HAS BEEN DISPOSED OF ACCORDING TO LANDFILL BEST MANAGEMENT PRACTICES
AND ALL CIWMB AND LARWQCB REGULATIONS.

Generator:	Transporter	Disposal Site:
Equity Office 1977 Saturn Street Monterey Park CA 91755	Adams Services, Inc. 1 – 10,000 gallon tank	Azusa Land Reclamation 1211 W. Gladstone St. Azusa, CA 91702

Azusa Land Reclamation

AZUSA LAND RECLAMATION

1211 W. Gladstone St, Azusa, CA 91702
Phone: 626-2249127 FAX: 626-8120801

Certificate of Material Destruction

THIS RECORD IS TO CERTIFY THAT MATERIAL RECEIVED ON NOVEMBER 08, 2018 AT 13:49 PM.
HAS BEEN DISPOSED OF ACCORDING TO LANDFILL BEST MANAGEMENT PRACTICES
AND ALL CIWMB AND LARWQCB REGULATIONS.

Generator: Equity Office
1977 Sather Street
Monterey Park CA 91755

Transporter
Adams Services, Inc.
1 – 10,000 gallon tank

Disposal Site: Azusa Land Reclamation
1211 W. Gladstone St.
Azusa, CA 91702

Azusa Land Reclamation

AMERICAN METAL RECYCLING

11150 REDWOOD AVE. • FONTANA CA 92337
(909) 986-8000

Nº 65500

TANK DISPOSAL FORM

Date: 11/8/18
Job#
P.O.#

CONTRACTOR: Adams Surveys
ADDRESS: 406 E. Alameda Blvd. Covina, Ca 91723
JOB SITE: Equity Office
ADDRESS: 6121 Bollman St. Montclair, Ca. 91755
DESTINATION: A.M.R. 11150 REDWOOD AVE., FONTANA, CA 92337

DATE	TIME	PROJECT # TANKS	DISPATCHED BY:	BOL NO.

SPECIAL INSTRUCTIONS:

TIME IN:
TIME OUT:

(1) 2000

✔	Services Rendered	Cost
___	Disposal Fee	
___	Extensive Loading Time	
___	Disposal Fee with Permit	
___	Fiberglass Tank Disposal Fee Per Tank	
___	Fiberglass Delivered	
___	Bobtail Disposal	
___	Cancellation Fee	

TOTAL CHARGES $

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice. Contractor's signature represents acceptance of terms for payment, and confirms that tank removal complies with State laws.

CONTRACTOR'S SIGNATURE

TANKS RECEIVED

QTY	GALLONS	TYPE *F *S	NET TONS	TOTAL
	200		.14	
	500		.21	
	550		.24	
	1000 - 12 ft.		.44	
	1000 - 8 ft.		.61	
	1500		.87	
	2000		.97	
	2500		1.14	
	3000		1.32	
	4000		1.64	
	5000		2.42	
	6000		2.80	
	7500		3.26	
	8000		3.44	
	9000		3.82	
	10000		4.33	
	12000		4.93	

NO. OF TANKS: 1 TOTAL NET TONS:

*F - FIBERGLASS *S STEEL TIS

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

AUTHORIZED REP.

11/8/18
DATE

6994-65226

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ YES ☒ NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ YES ☒ NO

REPORT DATE 0 0 0 0 0 0 (M M D D Y Y)

CASE #

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM

SIGNED John Alonso DATE

REPORTING PARTY

NAME OF INDIVIDUAL FILING REPORT: John Alonso | PHONE: 626 458 3507 | SIGNATURE: John Alonso

REPRESENTING: ☒ OWNER OPERATOR ☐ REGIONAL BOARD ☒ LOCAL AGENCY ☐ OTHER

COMPANY OR AGENCY NAME: LA County Public Works

ADDRESS: 900 S. Fremont Ave. (STREET) Alhambra (CITY) CA (STATE) 91803 (ZIP)

RESPONSIBLE PARTY

NAME: BRE CA SATURN LLC ☐ UNKNOWN | CONTACT PERSON: Dean Christian | PHONE: 818 334 2252

ADDRESS: 1977 Saturn street (STREET) Monterey Park (CITY) CA (STATE) 91755 (ZIP)

SITE LOCATION

FACILITY NAME (IF APPLICABLE): BRE CA SATURN LLC | OPERATOR: Dean Christian | PHONE: 818 334 2252

ADDRESS: 1977 Saturn Street (STREET) Monterey Park (CITY) LA (COUNTY) 91755 (ZIP)

CROSS STREET: Potrero Grande Drive

IMPLEMENTING AGENCIES

LOCAL AGENCY: LA Co. Public Works | CONTACT PERSON: Tim Smith | PHONE: 626 458 3511

REGIONAL BOARD: RWQCB | Yue Rong | PHONE: 213 576 6710

SUBSTANCES INVOLVED

(1) NAME: TPH 10.5 ppm, 15.5 ppm | QUANTITY LOST (GALLONS) ☐ UNKNOWN

(2) ☐ UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED: 0 0 0 7 0 8 (M M D D Y Y)

HOW DISCOVERED: ☐ TANK TEST ☒ TANK REMOVAL ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ OTHER

DATE DISCHARGE BEGAN: 0 0 0 0 0 0 (M M D D Y Y) ☒ UNKNOWN

HAS DISCHARGE BEEN STOPPED? ☒ YES ☐ NO IF YES, DATE: 0 0 0 0 0 0 (M M D D Y Y)

METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)
☐ REMOVE CONTENTS ☒ CLOSE TANK & REMOVE ☐ REPAIR PIPING ☐ REPAIR TANK ☐ CLOSE TANK & FILL IN PLACE ☐ CHANGE PROCEDURE ☐ REPLACE TANK ☐ OTHER

SOURCE/CAUSE

SOURCE OF DISCHARGE: ☒ TANK LEAK ☐ UNKNOWN ☐ PIPING LEAK ☐ OTHER

CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL ☐ CORROSION ☒ UNKNOWN ☐ OTHER

CASE TYPE

CHECK ONLY ONE
☐ UNDETERMINED ☒ SOIL ONLY ☐ GROUNDWATER ☐ DRINKING WATER – (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS

CHECK ONLY ONE
☒ NO ACTION TAKEN ☐ PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED ☐ POLLUTION CHARACTERIZATION
☐ LEAK BEING CONFIRMED ☐ PRELIMINARY SITE ASSESSMENT UNDERWAY ☐ POST CLEANUP MONITORING IN PROGRESS
☐ REMEDIATION PLAN ☐ CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) ☐ CLEANUP UNDERWAY

REMEDIAL ACTION

CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)
☐ CAP SITE (CD) ☐ EXCAVATE & DISPOSE (ED) ☐ REMOVE FREE PRODUCT (RP) ☐ ENHANCED BIO DEGRADATION (IT)
☐ CONTAINMENT BARRIER (CB) ☐ EXCAVATE & TREAT (ET) ☐ PUMP & TREAT GROUNDWATER (GR) ☐ REPLACE SUPPLY (RS)
☐ VACUUM EXTRACT (VE) ☐ NO ACTION REQUIRED (NA) ☐ TREATMENT AT HOOKUP (HU) ☐ VENT SOIL (VS)
☒ OTHER Not specified

COMMENTS

Low case soil only.

C950298

5226
006994-06

JOA
CLSR

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

8280 UTICA AVENUE, SUITE 200
RANCHO CUCAMONGA, CA 91730
909.476.2120 TEL
909.476.6819 FAX
WWW.ALTAEM.COM

C0009114931

December 7, 2018

Via US Mail First Class

Count of Los Angeles Department of Public Works
Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802-1460

RECEIVED
JAN 0 8 2019
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS

SUBJECT: **UST SOIL SAMPLING/ CLOSURE REPORT**
1977 SATURN STREET
MONTEREY PARK, CA 91755
SITE FILE NO. 6994-62151 / APP NO. 905166

To whom it may concern:

Attached is one hard copy of the subject report for your review. Please contact the undersigned if you have any additional questions.

Very Truly Yours,
ALTA EM, Inc.

REGISTERED GEOLOGIST
ROBERT B. HANSEN
No. 5839
STATE OF CALIFORNIA

ROBERT B. HANSEN
Senior Env. Geologist
California PG #5839

A 905166

cc: File no. 18738-01
Ron Franklin, George Bryant Construction

006994-065226

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

8280 UTICA AVENUE, SUITE 200
RANCHO CUCAMONGA, CA 91730
909.476.2120 TEL
909.476.6819 FAX
WWW.ALTAEM.COM

(12)
JOA/CLSR

C0009114 31

December 5, 2018

Los Angeles County Department of Public Works
Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802-1460

RECEIVED
JAN 0 8 2019
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS

SUBJECT: SOIL SAMPLING RESULTS RELATED TO UST SYSTEM REMOVALS
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

Dear Sirs:

This report summarizes the results of tank system removals, and associated soil sampling activities, completed at the subject site in Monterey Park, California (see attached Site Location Map - **Figure 1**).

The soil sampling activities were completed in general accordance with guidelines of Los Angeles County Department of Public Works (LADPW) and the Los Angeles Regional Water Quality Control Board (LARWQCB).

A copy of the UST removal permit is provided in attached **Appendix A**.

The tank removal activities were conducted by George Bryant Construction of Alta Loma, California (contractor). Soil sampling was completed by ALTA EM, Inc. (environmental consultant). A representative of the LACDPW (Mr. William Edwards) was scheduled to be on-site, but called the site contractor on-site within a few minutes of the scheduled inspection time, indicating he would not be able to be on site. Mr. Edwards authorized the UST removals and soil sampling to commence without his presence. A representative of ALTA EM, Inc. also spoke with Mr. Edwards verifying these approvals, and provided him our contact info, and the license number of the responsible Professional Geologist prior to proceeding.

Site Setting / Hydrogeology

The site is located at the northern edge of the Coastal Plain of Los Angeles County, in the Merced / Montebello Hills. These hills consist of sedimentary rocks of the Pico Formation, and the site area is dominated by the structural feature known as the Montebello Anticline. The site area is not known to contain large-scale regional aquifers, as is the nearby/adjoining LA County Coastal Plain just to the south. The site is located just north and outside of the Montebello Forebay Area of the LA Coastal Plain Groundwater basin (DWR, 1961).

A review of the LACDPW water well database revealed no listed wells within one mile of the subject site (LACDPW, 2018). ALTA EM, Inc. also contacted a nearby cemetery east of the subject site (see **Figure 1**) asking about any potential well information at this location. The cemetery staff reported they have no wells (Resurrection Cemetery, 2018). A review of the Geotracker database for nearby LUST cases, with well data, revealed one facility approximately 0.5 miles south-southwest of the site with groundwater at approximately 70 feet deep in 2005. All other LUST sites with groundwater well data were greater than 0.75 miles away (Geotracker, 2018).

The site is located at the foot of a small hill, on a large graded earthen pad built for the construction of the commercial-office complex which occupies the property. Atop the hill overlooking the site are large municipal water storage tanks, a landscaping nursery (Chuys Nuersery), and a community park (La Loma Park) (see attached **Figure 2**).

While a regional aquifer is not anticipated beneath the site area, an accumulation of relatively shallow groundwater *does* exists beneath the site. The source of this groundwater is unknown (i.e. from nearby or on-site irrigation water? an accumulation of natural precipitation? an on-site water leak? combination of these sources?). Groundwater was initially encountered in the larger UST pit at approximately 5 feet, but stabilized at approximately 11.5 feet bgs overnight after it was pumped out to facility the UST removals. It is noted that groundwater appeared to be shallowest in the western-most portion of the area of investigation, even being encountered in a couple of the piping trench soil samples at 4 feet bgs.

Three monitoring wells were noted around the perimeter of the larger UST pit. All three wells appeared to have been partially destroyed (i.e. cement backfilled in their wells boxes). During excavation, the upper three to five feet of several of the wells was exposed and observed to be 4" PVC casing (presumed to also be backfilled). It is unknown if these wells were installed as groundwater monitoring wells, or possibly vadose wells when groundwater was absent or deeper.

In summary, while a regional aquifer is not anticipated beneath the site area, an accumulation of relatively shallow groundwater exists beneath the site at 4 to 11.5 feet bgs. The direction of groundwater flow is unknown, though topography of the site would strongly indicate it is likely toward the west to southwest. This is contradicted by on-site observations indicating the shallowest groundwater is in the western-most portion of the area investigated.

Tank Contents, Capacity, Construction

Details of the removed tanks were reported by the contractor as follows:

	Content	Capacity	Size	Construction
Tank #1	Diesel Fuel	10,000 gals	34' by 8'	Single-wall fiberglass w/rounded ends
Tank #2	Diesel Fuel	10,000 gals	34' by 8'	Single-wall fiberglass w/rounded ends
Tank #3	Diesel Fuel	2,500 gals	12' by 6'	Double-wall fiberglass coated steel

Larger Tanks 1 & 2 were located in a cluster, while Tank 3 was located approximately 140 feet east of the others. All three tanks contained diesel fuel, and were used to supply emergency generators. All three thanks were buried 3 to 4 feet bgs.

Attached **Figure 3** and **Photo nos. 1 and 2** show the two tank pit areas.

Soil Sampling Methods & Locations

All samples were collected on November 8, 2018.

Samples along the fuel product lines were collected at depths ranging from 3.5 to 5 feet bgs (at least 2 feet beneath removed lines), and were designated as samples no. PS1 to PS13. Attached **Photo nos. 3 through 7** show the various product line trenches which were sampled.

The Tanks 1 & 2 pit contained groundwater at approximately 11.5 feet bgs, and a large concrete pad underlying the tanks at approximately 13.5 feet bgs, precluding reasonable soil sampling. Attached **Photo no. 8** shows groundwater in the tank pit and the concrete pad depth. Given soil samples could not reasonably be collected, alternative groundwater samples were collected from this UST pit with a disposable polyethylene sampling bailer. Attached **Figure no. 3** shows the approximate locations of these two groundwater samples, designated TPGW1 and TPGW2.

The Tank 3 pit also contained an underlying concrete pad throughout the pit bottom at approximately 11.5 feet bgs, but no groundwater. This pad also precluded the reasonable collection of soil samples beneath

the concrete. Alternatively, soil samples were collected from the pit sidewalls, just above the concrete pad level, at diagonally opposing corners of the former tank. The locations of these soil samples, designated T3-1-10 and T3-2-10, are shown on attached **Figure 3**.

Soil samples were obtained with the aid of a hand auger or backhoe. Samples were retained in general accordance with EPA method no. 5035 protocol. An additional amount of each sample (for non-VOC analyses) was also collected in laboratory approved 4-oz. glass jars. **Appendix B** includes further details of the sampling procedures.

Attached **Photos 9 & 10** show both UST pits after the tanks had been removed.

Field Observations

During the soil sampling, olfactory and visual observations, as well as soil types, were recorded and are summarized in the table below:

SAMPLE NO.	SAMPLE LOCATION	SAMPLE DEPTH (feet bgs)	ODOR	COLOR	SOIL TYPE
PS1-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, damp, clayey F. SAND
PS2-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, silty F. SAND
PS3-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, F. SAND; with trace silt
PS4-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, F. SAND; with trace silt
PS5-5	Pipingt rench	5	No Odor	No Discoloration	Yellowish brown, damp to moist, clayey gravelly F. SAND
PS6-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist, F. SAND
PS7-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist, gravelly F. SAND
PS8-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, most , F. SAND
PS9-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist to wet, silty F. SAND
PS10-3.5	Piping trench	3.5	No Odor	No Discoloration	Yellowish brown, moist to wet, silty F. SAND
PS11-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, saturated, clayey silty F. SAND
PS12-3.5	Piping trench	3.5	No Odor	No Discoloration	Yellowish brown, damp to moist, clayey silty F SAND
PS13-4	Piping trench	4	Very slight HC odor	No Discoloration	Yellowish brown w/olive mottling, moist, sandy SILT; with trace clay
T3-1-10	Tank #3 pit	10	No Odor	No Discoloration	Yellowish orange brown, damp, clayey F. SAND
T3-2-10	Tank #3 pit	10	No Odor	No Discoloration	Yellowish brown, damp, F. SAND; with trace silt and Med Sand.

During the groundwater sampling, olfactory and visual observations were recorded and are also summarized in the table below:

SAMPLE NO.	SAMPLE LOCATION	SAMPLE DEPTH (feet bgs)	ODOR & VISUAL OBSERVATIONS	COMMENT
TPGW1	Tank #1 pit - North	11.5	No odor or sheen	Groundwater sample
TPGW2	Tank #1 pit - South	11.5	No odor or sheen	Groundwater sample

Analytical Methods / Results

All soil and groundwater samples were analyzed for TPH diesel (C_{10}-C_{28}), BTEX and Fuel Oxygenates. The UST removal permit initially indicated that organic lead analyses were also required; however follow-up communications with Kattya Batres of the LACDPW confirmed the lead analyses were not required if the USTs historically only contained diesel fuel (which is the case) (see Appendix A).

The analyses were completed in general accordance with modified EPA method no. 8015 (for TPH diesel) and EPA method no. 5035/8260B (for BTEX & FUEL OXYENATES). Results are summarized as follows:

SOIL SAMPLES (all results in mg/kg)				
SAMPLE NO.	**SAMPLE DEPTH (feet bgs)**	**TPH DIESEL (C_{10}-C_{28})**	**BTEX**	**FUEL OXYGENATES (MTBE, ETBE, DIPE, TAME, TBA)**
PS1-4	4	ND	ND	ND
PS2-4	4	ND	ND	ND
PS3-4	4	ND	ND	ND
PS4-4	4	ND	ND	ND
PS5-5	5	ND	ND	ND
PS6-4	4	ND	ND	ND
PS7-4	4	ND	ND	ND
PS8-4	4	ND	ND	ND
PS9-4	4	ND	ND	ND
PS10-3.5	3.5	ND	ND	ND
PS11-4	4	ND	ND	ND
PS12-3.5	3.5	ND	ND	ND
PS13-4	4	**15.2**	ND	ND
T3-1-10	10	**10.5**	ND	ND
T3-2-10	10	ND	ND	ND
PQLs	**N/A**	**10**	**0.005-0.01**	**0.005 - 0.05**

GROUNDWATER SAMPLES (all results in ug/L)				
SAMPLE NO.	**SAMPLE DEPTH (feet bgs)**	**TPH DIESEL (C_{10}-C_{28})**	**BTEX**	**FUEL OXYGENATES (MTBE, ETBE, DIPE, TAME, TBA)**
TPGW1	11.5	ND	ND	ND
TPGW2	11.5	ND	ND	ND
PQLs	**N/A**	500	1-3	3-50

In summary, no significant TPH (C_{10}-C_{28}), BTEX or Fuel Oxygenates were detected in any of the soil or groundwater samples. Two soil samples were reported to contain minor detected TPH (C_{10}-C_{28}) at concentration of 15.2 and 10.5 mg/kg. No field evidence indicating major fuel impacts was observed at or nearby these two samples with detections. A laboratory report further detailing the results of the soil/water sample analyses is provided in attached **Appendix C**.

Other Documentation

Provide in attached **Appendix D** are copies of the tank cleaning rinsate manifest, and the tank destruction/recycling certificates.

Conclusions

Three USTs were removed from the subject site. Two UST were located in one pit, and the third was approximately 140 feet away. Soil samples PS13-4 (piping trench) and T3-1-10 (Tank 3 pit) were reported to contain 15.2 and 10.5 mgkg of TPH (C_{10}-C_{28}), but no detected BTEX or Fuel Oxygenates. Every other soil sample was reported to contain no detected TPH (C_{10}-C_{28}), BTEX or Fuel Oxygenates.

Shallow groundwater was encountered in the Tank 1 & 2 pit, as well as a concrete pad underlying the tanks. Two groundwater samples collected from this tank pit were also reported to contain no detected TPH (C_{10}-C_{28}), BTEX or Fuel Oxygenates.

Based on the field observations and laboratory data, there is no evidence to indicate a significant release of diesel fuel from the removed UST systems. No further action is recommended, and a no further action letter is requested from the responsible party. At the time of this report, the site had no Geotracker case or global ID assigned, so this report and associated data could not be uploaded.

The opportunity to be of service is greatly appreciated. If you have any questions or comments, please do nothesitate to contact the office at (909) 476-2120.

Very Truly Yours,
ALTA EM, INC.



ROBERT B. HANSEN
Project Environmental Geologist
California P.G. #5839

cc: File No.: 18738-01

REFERENCES

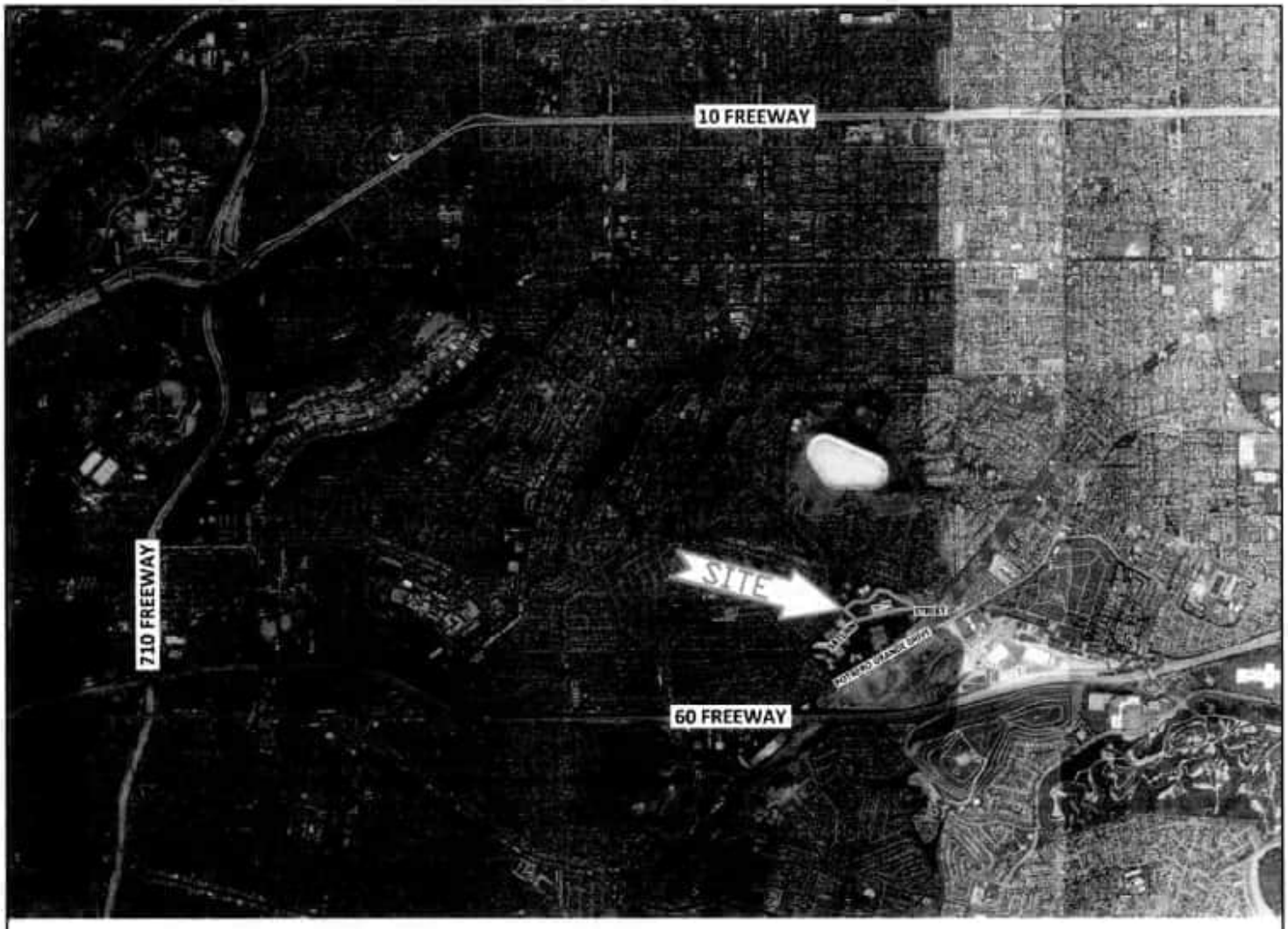
DWR (State of California Department of Water Resources), 1961, Bulletin No. 104, Planned Utilization of the Ground Water Basins of the Coastal Plain of Los Angeles, Appendix A Groundwater Geology, dated June 1961, reprinted April 1988.

Geotracker, 2018, State of California Water Resource Control Board Geotracker Database, reviewed November 9, 2018, source:http://geotracker.waterboards.ca.gov.

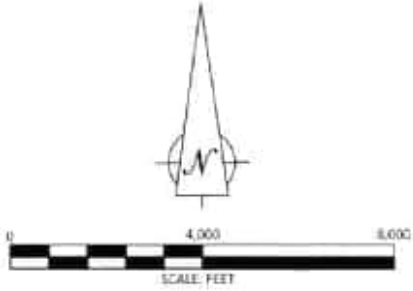
LACDPW (Los Angeles County Department of Public Works), 2018, Water Well Database (http://dpw.lacounty.gov/general/wells/) reviewed on November 9, 2018.

Resurrection Cemetery, 2018, telecommunication with cemetery staff on November 9, 2018.

USGS (United States Geological Survey), 1966, El Monte Quadrangle, 7.5-minute series topographic map, dated 1966, photorevised 1981.







Note:

Base imagery taken from Google Earth, dated 12/03/17.

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

TITLE: SITE LOCATION MAP

PROJECT: GBC-MONTEREY PARK
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

DRAWN BY:	CHECKED BY:	FIGURE NO.
I. PETITJEAN	R. HANSEN	1
PROJ. NO.: 18738-01	DATE: NOV 2018	



0 200 400
Scale: Feet

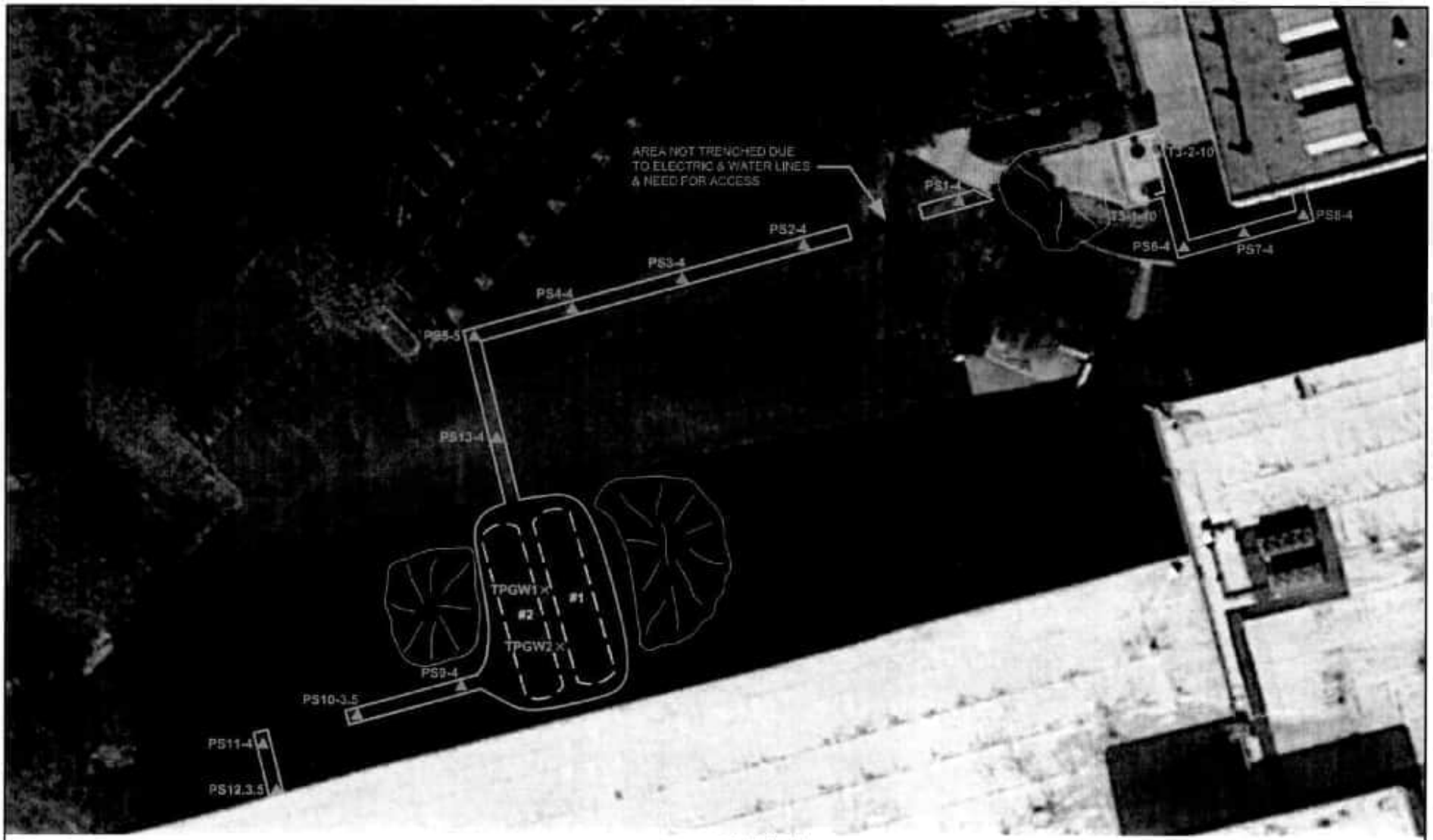
NOTES:
1) All locations and dimensions are approximate.
2) Base imagery taken from Google Earth, dated 12/03/17.

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

PROJECT:
GBC-MONTEREY PARK
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

TITLE:
SITE PLAN

DRAWN BY:	CHECKED BY:	FIGURE NO.:
J. PETITJEAN	R. HANSEN	2
PROJ. NO.: 18738-01	DATE: NOV 2018	



EXPLANATION

PS1-4 ▲ Soil Sample Location and Designation
└ Approximate Sample Depth Below Ground Surface (feet)

TPGW1 × Groundwater Sample Location and Designation

Removed UST
└ Tank No.

Pea Gravel Stockpile

Exposed Piping Trench

0 30 60
Scale, Feet

NOTES:
1) All locations and dimensions are approximate.
2) Base imagery taken from Google Earth, dated 12/03/17.

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

TITLE: SOIL SAMPLING LOCATIONS

PROJECT:
GBC-MONTEREY PARK
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

DRAWN BY:	CHECKED BY:	FIGURE NO.:
I. PETITJEAN	R. HANSEN	3
PROJ. NO.: 18738-01	DATE: NOV 2018	



Photo 1: (looking S) Tanks 1 & 2 pit prior to UST removals. Note evidence of prior (partially destroyed) monitoring wells in background).



Photo 2: (looking N) Tank 3 pit.



Photo 3: (looking W) Product line trench section in which sample nos. PS1, PS2, PS3, PS4 and PS5 were collected.



Photo 4: (looking S) Product line trench section in which sample nos. PS5 and PS13 were collected.



Photo 5: (looking W) Product line trench section in which sample nos. PS9 and PS10 were collected..



Photo 6: (looking S) Product line trench section in which sample nos. PS11 and PS12 were collected.



Photo 7: (looking E) Product line trench section in which sample nos. PS6, PS7, and PS8 were collected.



Photo 8: (looking E) Tank #1 and #2 pit after USTs have been removed. Note groundwater in bottom of the pit at 11.5 feet. Excavator bucket teeth are extending through this groundwater and touching an underlying concrete pad at approximately 13.5 feet bgs.



Photo 9: (looking W) Tank 1 and 2 pit after USTs have been removed.



Photo 10: (looking W) Tank 3 pit after UST had been removed. Concrete pad underlying pea gravel.

APPENDIX A

LACDPW UST REMOVAL PERMIT

FORM VALID JULY 1, 2018 TO JUNE 30, 2019

DPW USE ONLY:
SITE-FILE NO. 6994 - 65226
APP NO. 1905766 AREA 3M
CHECK [X] CASH [ ] OTHER [ ]
FEE $ 1667.00

CLOSURE AUTHORIZATION FOR HAZARDOUS SUBSTANCE UNDERGROUND STORAGE TANKS

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS (DPW)
Environmental Programs Division
900 South Fremont Avenue, 3rd Floor Annex Building
Alhambra, CA 91803-1331
Phone Number (626) 458-3517, Fax Number (626) 458-3569
Www.CleanLA.com

Removal Information must be submitted to CERS. Refer to attached forms.

CLOSURE REQUESTED:

- [X] PERMANENT, UST REMOVAL
- [ ] PERMANENT, UST CLOSURE IN-PLACE - Attach Justification Statement
- [ ] TEMPORARY CLOSURE
- [ ] OTHER (ONLY PIPING, UNDER DISPENSER CONTAINMENT, ETC), EXPLAIN: _____

ATTACH PLOT PLAN Show existing tanks, piping and dispenser locations, etc. (to scale).

FACILITY California Environmental Reporting System (CERS) ID: _____ DATE INFORMATION SUBMITTED TO CERS: _____

HOW MANY UNDERGROUND STORAGE TANKS WILL REMAIN AFTER THIS CLOSURE? 0 **EXISTING HSUSP NUMBER:** 842830

Who is closing the UST(s)? [ ] UST OWNER/OPERATOR OR [X] CONTRACTOR

Email address of UST owner/operator or recipient: ron@georgebryantcoast.com

FACILITY TO BE CLOSED (VERIFICATION FOR NOTIFICATIONS):

Facility Name: Equity office Phone: 909 944 2517
Facility Address: 1977 Saroni St City: Monterey Park Zip: 91755
Tank Owner/Contact: Maya Collins Title: property Manager
Contractor Name: George Bryant Construction Phone: 909 944 2517
Contractor License No.: 718466 Class(s): A B C21 C22 HAZ

Contractors Shall Be Hazardous Substance Removal Certified "HAZ" per California Business & Professions Code Division 3, Chapter 9, Article 4, §7058.7 (e)

NUMBER OF UST's TO BE CLOSED	UST ID NO. (DPW USE ONLY)	CAPACITY GALLONS	SUBSTANCES STORED (PAST/PRESENT)	CLOSURE FEE
1				$1,143.00
2				$1,405.00
3				$1,667.00
4				$1,929.00
5				$2,191.00
6 (+ ATTACH LIST)				$881.00 + $262.00 per UST =

Closure of Underground Storage Tanks (USTs) shall be in compliance with Los Angeles County Code Title 11, Division 4

COMPLETE SURVEY:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[X]
Has a structural repair ever been made to these underground storage tanks?	[ ]	[X]
Will new underground storage tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES IN TANKS TO BE CLOSED, MAY BE HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE DIVISON 20, CHAPTER 6.5 AND MUST BE REPORTED IN THE CLOSURE REPORT. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below, you certify that all statements and disclosures above are true and correct.
You have read and agree to abide by this authorization and all conditions and limitations on the back and attached:

Authorization Recipient (Print Name) Ronald Franklin Phone 909 944 3517
Recipient's Signature _____ Date 10/25/18
Recipient is: **UST Owner** [ ] **UST Operator** [ ] or **Contractor** [X] Written authorization is required for submittals made on behalf of owner/operator.

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS.

THIS AUTHORIZATION EXPIRES: 04/25/2019 *****SEE ATTACHMENTS*****

MARK PESTRELLA
Director of Public Works

By: gkh Date: 10/25/2018

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the County of Los Angeles Department of Public Works, Environmental Programs Division, P.O. Box 1460, Alhambra, California 91802-1460, containing:

1. File number of facility and closure permit number.
2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.
3. Description of methods for obtaining, handling, and transporting samples.
4. Time and date samples were obtained.
5. Soil sampling certification (including but not limited to soils classification, boring logs, sample procedures, sample locations, initiating chain-of-custody, and groundwater location) for Underground Storage Tank closure shall be certified by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils. The certification must clearly state that all work was performed under the supervision of the person signing.
6. Chain-of-custody documentation initiated by person obtaining sample through person at a California Department of Health Services certified laboratory.
7. Disposal destination of tanks and evidence of legal disposal.
8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction, and methods of analysis.
9. Documentation as to depth of groundwater at facility.
10. Manifests to document hazardous waste disposal of any removed soil and tank rinsate.
11. Evidence of legal disposal of soils designated as nonhazardous.
12. Any observations of site contamination.
13. Report to be signed by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils.
14. Submit to the California Environmental Reporting System (CERS) the date the UST was permanently closed for all tanks removed or closed in-place.

Print Name Ronald Frankum

Signature _____ Date 10/25/16

CERS Business

Home | Submittals | Facilities | Compliance | My Business

UST Facility Operating Permit Application:

Home » Prepare Submittal » UST: UST Facility Operating Permit Application (Draft)

Instructions/Help

You must complete this form withing 30 days of all new permits, permit changes, or facility information changes. You will also need to update/confirm your tank, monitoring plan, and other pertinent UST-related forms.

All facilities **must** provide a BOE Number--valid numbers are 8 digits long starting with the numbers 44... State and federal facilities should use 44032062. If **ALL** underground tanks at your facility **ONLY** contain NON-petroleum productions, you can provide this generic BOE Number: 44000000. Contact your local regulator if you are unsure what number to provide.

The former paper version of this form was called "UST Operating Permit Application-Facility Information" (Form A).

More information about UST Financial Responsibility Mechanisms is available at the Water Board's Underground Storage Tank Cleanup Fund Financial Responsibility web page.

Click this field to reflect permanent UST closure.

Save | Cancel

Type of Action

○ Confirmed/Updated Information ○ New Permit ○ Renewal Permit ○ Temporary Facility Closure ◉ Permanent Facility Closure ○ Transfer Permit

Facility Information

EXAMPLE FACILITY

Facility Type *

○ Motor Vehicle Fueling ○ Fuel Distribution ○ Farm ○ Processor ○ Other

BOE Number *

Is the facility located on Indian Reservation/Trust lands? *

○ Yes ○ No

Property Owner

Owner Name * Phone *

Tank Operator

Tank Operator Name * Phone *

Mailing Address *

City State ZIP/Postal Code

Country *

United States For International Address

Tank Owner

Owner Name * Phone *

CERS Business

Home | Submittals | Facilities | Compliance | My Business

UST Tank Information/Monitoring Plan:

Home » Prepare Submittal » UST: UST Tank Information/Monitoring Plan (Draft)

Instructions/Help

Use this form to enter data for new UST systems or revise data for an existing UST system. You must complete a separate form for each affected tank. For tanks that are part of a compartmentalized unit, each compartment is considered a separate tank. This information is required within 30 days of permit or facility information changes, unless your local agency requires approval prior to making the changes.
The former paper version of this form was called "UST Operating Permit Application-Tank Information" (Form B).

Copy from Other UST Tank | Save | Cancel

Type of Action

Type of Action (UST Tank) *

( ) Confirmed/Updated Information ( ) New Permit ( ) Renewal Permit ( ) Temporary UST Closure ( ) UST Permanent Closure on Site (•) UST Removal

Facility Information

EXAMPLE FACILITY

Enter this date after the UST has been removed.

Click this field to reflect permanent removal of the UST.

Tank Description

Tank ID # *

Tank Manufacturer *

Tank Capacity In Gallons *

Date UST System Installed *

Date Existing UST Discovered *

Date UST Permanently Closed *

Tank Configuration *
( ) A Stand-alone Tank ( ) One in a Compartmented Unit

Number of Compartments in the Unit *

Additional Description *

Tank Use and Contents

Tank Use *
Motor Vehicle Fueling
Marina Fueling

Tank Contents * Read This First
Regular Unleaded
Premium Unleaded

Tank Construction

Type of Tank * Read This First
Single Wall Double Wall Unknown

CERS Help | Settings | My Business: *Test Facility* | Select Business

CLOSURE – UNDERGROUND STORAGE TANKS

CONDITIONS A – GENERAL

1. Closures shall be carried out such that all applicable regulations from the following agencies are complied with: Los Angeles County, Department of County Engineer – Facilities; Los Angeles County Fire Department, Fire Prevention Division or the appropriate City Fire Department; South Coast Air Quality Management District; and Los Angeles County Department of Health Services.

2. The County Engineer and Fire Departments shall be notified in advance of any closure in accordance with the following:

   a. Removal of tank shall require a three (3)-business day advance notification.
   b. Permanent closure of a tank in place or a temporary closure shall require a 30-written notification.

3. Consult current fee schedule for costs.

4. All abandoned wells shall be destroyed in such a way that they will not produce water or act as a channel for interchange of water, when such interchange may result in deterioration of the quality of water in any or all water bearing formations penetrated, or present a hazard to the safety and well-being of people and animals.

5. A well destruction permit issued by the Los Angeles Department of Health Services shall be required for all wells requiring a permit for their initial construction.

6. Well destruction shall be accomplished according to methods described in the latest "Water Well Standards: State of California" by the Department of Water Resources, contained in Bulletin 74 – 81, December 1981, or any other methods that will provide equivalent or better protection.

7. Plans for the decontamination of a facility shall be submitted to the County Engineer for approval no later than 30 days before the commencement of such operations. Other agencies having jurisdiction shall also be notified. These agencies the California Regional Water Quality Board, the Los Angeles County Department of Health Services, and the South Coast Air Quality Management District.

8. Decontamination shall require the following, as a minimum:

   a. Cleaning operation shall be done under the supervision of persons who understand the hazardous potential of the original liquid stored and its components.
   b. The personnel shall be sufficiently skilled to safely carry out such operation.
   c. Contaminated materials removed from such facility shall be disposed of at legal point of discharge.
   d. The operation shall be carried out in a manner that will not endanger the health of the public and the environment.

CONDITIONS B – TEMPORARY

1. All temporary closures shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, "Abandonment or Removal of Underground Tanks, "Part A and any other applicable Parts.

2. A temporary closure shall not exceed 180 days.

CONDITION C – PERMANENT TANK (S) REMOVAL

1. All tank removals shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Part D and any other applicable Parts.

2. Owners/operators shall notify the Building Department having jurisdiction at the place of removal if a grading permit is necessary.

3. Removed tanks shall not be transported away from the site until an inspection to establish site integrity is carried by the County Engineer.

4. If an appointment has been arranged with a County Engineer Inspector to inspect the removal of a tank, the inspector will only wait at the site a reasonable amount of time (approximately one hour) after arriving for the removal to commence. Another closure fee may be charged if the inspector has to return to the site.

5. After inspection, tank shall be transported to a legal disposal point.

6. If the tank has stored materials other than motor fuel, fuel oil or waste oil, site integrity shall be demonstrated using the soil sampling and analysis procedures described in CONDITIONS D below.

7. The site shall be filled and re-compacted to a relative compaction of 90%.

CONDITIONS D – PERMANENT

1. All permanent closures of tanks in place shall comply with Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Parts B or C, and any other applicable Parts.

2. Owners/operators shall demonstrate part site integrity as follows:

   a. Test borings shall be slant drilled to intercept a point beneath the center of the tank, if possible. If slant drilling is not feasible, the test boring may be drilled vertically and the reason stated in the report in 2.h. below.
   b. For single tanks, a minimum of two test borings will be required, each located on opposite sides of the tank along the major axis of the tank.
   c. For multiple tanks, as a minimum, boring shall be placed at 20-foot intervals around the tank cluster. The actual number and location of borings shall be evaluated on a case-by-case basis. Tanks separated by 20 feet or more shall be considered single tanks for the purposes of test location and placement.
   d. Soil samples shall be taken at depths of 5, 10, 20, 30 and 40 feet below grade level.
   e. A Shelby Tube or a Modified California Sampler shall be utilized for taking all soil samples.
   f. Soil samples shall not be extruded in the field but are to be immediately placed in a refrigerated ice chest and transported to a state certified laboratory for analysis, using suitable methods.
   g. A report containing the results of the above analysis shall be submitted to the County Engineer.

3. If the soil analysis in 2. above indicates the presence of contaminants, the County Engineer shall require a site investigation as described in Chapter V of the County's "Underground Storage of Hazardous Materials – Guidelines."

4. A report shall be submitted to the County Engineer containing the results of the site investigation.

CLOSURE APPLICATION SUPPLEMENT **PART 1 OF 3**
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

DPW USE ONLY:
SITE-FILE NO. 6994-62151
APPLICATION NO. 905099

To satisfy the permanent closure requirements for underground storage tanks storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

***** Soil sampling will be required for Vent and Vapor Recovery piping for UST systems installed after July 1, 2003. *****

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1A, 1B	2-4 feet beneath	TPHD	→ 8015M
2A, 2B	tank invert	BTEX, MTBE	8260B
3A, 3B		Fuel Oxygenates	8260B
		# Organic Lead	→ DOHS Method
1 sample	2-4 feet below	same as	same as
	each UDC	above	above
1 sample	2-4 feet below	Same as	Same as
	piping, every 20 feet	above	above
	starting from UDCs		

- Apply EPA Method 5035 for soil sample collection, preparation and preservation.

~~# Test for organic lead if past UST contents were tested, or if it is unknown whether past UST contents were leaded.~~

Continued on Page 2

3. All soil samples obtained shall be discrete, undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date/time of sampling shall be included in the final report.

4. Conform to the analytical requirements table below for petroleum hydrocarbon sites. Apply EPA Method 5035 specified in the USEPA SW-846, version III (12/1996) for soil sample preparation and preservation in order to minimize volatile organic losses. Use the sample collection devices, or equivalent, specified in the method (e.g., the Encore™ sampler). If the Encore™ sampler is used, analyze sample within 48 hours from the collection. Analyze sample within 10 days for soil samples stored under frozen conditions.

UST CONTENTS	Analyte	Analytical Method	Required MDL	
			Soil (ug/kg)	Water (ug/L)
GASOLINE OR DIESEL	Totoal Petroleum Hydrocarbons(TPH) - Gasoline	EPA Method 8015 (M)	100-200	50-100
	Total Petroleum Hydrocarbons (TPH) - Diesel	EPA Method 8015 (M)	1000	500
	Benzene	EPA Method 8260B (8021B)	1	0.5
	Toluene	EPA Method 8260B (8021B)	1	0.5
	Ethylbenzene	EPA Method 8260B (8021B)	1	0.5
	Xylenes (Total)	EPA Method 8260B (8021B)	1	0.5
	Methyl Tertiary Butyl Ether (MTBE)	EPA Method 8260B	2	1
	Di-isopropyl ether (DIPE)	EPA Method 8260B	2	1
	Ethyl tertiary butyl ether (ETBE)	EPA Method 8260B	2	1
	Tertiary amyl methyl ether (TAME)	EPA Method 8260B	2	1
	Tertiary butyl alcohol (TBA)	EPA Method 8260B	20	10
	Ethanol	EPA Method 8260B	500	250
	Methanol	EPA Method 8015 (M)	1000	500
WASTE OIL	Total Recoverable Petroleum Hydrocarbons (TRPH) - Waste Oil	EPA Method 418 + EPA Method 8260B	1000	500
OTHER, UNKNOWN	UST Permitted Contents, all VOC's (EPA Method 8260) + To Be Determined			

Continued on Page 3

5. All soil/groundwater samples shall be analyzed by a laboratory approved by the California Environmental Accreditation Laboratory Program (ELAP).

6. Analytical results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) Detection limits for each analytical procedure and determination; d) The method of analysis; e) Signature of chemist certifying results.

7. All soil/groundwater samples obtained shall be handled and transported to laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.

9. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

10. A final report that contains all of the above required information shall be submitted to the office above within one (1) month form the sampling date or 180 days from the date of this permit, whichever is earlier.

11. All electronic data shall be submitted to the State Water Resources Control Board Geotracker database.

Subject: Fwd: 1977 Saturn St
From: Ron Franklin <ron@georgebryantconst.com>
Date: 11/14/2018, 3:10 PM
To: Rob Hansen - Aem <rhansen@altaem.com>

Here is the reply for the lead samples. The tanks were always permitted as diesel fuel

Ron Franklin
George Bryant Construction Inc
(909) 944-3517 office
(909)215-4428 cell

Begin forwarded message:

From: "Kattya Batres" <GBATRES@dpw.lacounty.gov>
To: "Ron Franklin" <ron@georgebryantconst.com>
Subject: 1977 Saturn St

Ron,

Attached you can find the pdf copy of the approved tank removal permit. In the soil sample laboratory analysis specification sheet, you can see that we require the samples to be analyzed for Organic Lead, with a note clarifying to test for it if the tanks' contents used to be leaded or if it is unknown whether they were leaded or not.
If the owner is sure these tanks never contained leaded fuel, the Organic Lead analysis can be disregarded. If there is some doubt, then it has to be included.

Best regards,
Kattya Batres
Los Angeles County Public Works
Office: (626) 458-3526

ATT00001.htm

Attachments:

1977 Saturn UST closure permit.pdf	2.9 MB
ATT00001.htm	178 bytes

CLOSURE APPLICATION SUPPLEMENT **PART 1 OF 3**
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

DPW USE ONLY
SITE-FILE NO 6994-62151
APPLICATION NO 905099

To satisfy the permanent closure requirements for underground storage tanks storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

***** Soil sampling will be required for Vent and Vapor Recovery piping for UST systems installed after July 1, 2003. *****

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1A, 1B	2-4 feet beneath	TPHD	→ 8015M
2A, 2B	tank invert	BTEX, MTBE	→ 8260B
3A, 3B		Fuel Oxygenates	→ 8260B
		* Organic Lead	→ DOHS Method
1 sample	2-4 feet below	Same as	Same as
	each UDC	above	above
1 sample	2-4 feet below	Same as	Same as
	piping, every 20 feet	above	above
	starting from UDCs		

° Apply EPA Method 5035 for soil sample collection, preparation and preservation

* Test for organic lead if past UST contents were leaded, or if it is unknown whether past UST contents were leaded.

Continued on Page 2

APPENDIX B

SOIL & GROUNDWATER SAMPLING PROCEDURES

APPENDIX B

SOIL & GROUNDWATER SAMPLING PROCEDURES

Soil Samples

- Soil samples collected from the piping trenches were obtained using a hand auger. Soil samples collected from the tank pit were obtained with a backhoe.
- A relatively undisturbed portion of each sample was also retained in general accordance with EPA method no. 5035 protocol, using an EASYDRAW® syringe. An approximate five gram sample was collected with the syringe and ejected each into four pre-tared, 40 ml glass VOA vials (two vials containing pre-measured quantities of $NaHSO_4$, one vial containing MeOH, and one vial with no preservative).
- Additional sample (for non VOC anlayses) was also collected in a laboratory approved, 4-Oz. glass jar at each location.
- All collected samples was labeled with the sample number, date and project number.
- All samples were stored in an ice chest kept at approximately 40 to 50 degrees Fahrenheit prior to transportation to a State of California, Department of Health Services certified laboratory under strict chain-of-custody procedures.
- All re-usable soil sampling equipment was washed prior to each sampling events with a solution of LIQUINOX (a phosphate free detergent), rinsed with potable tap water, and then rinsed again with de-ionized water.

Groundwater Samples

- Groundwater samples were obtained with a disposable polyethylene sampling bailer lowered into the groundwater in the bottom of the UST pit.
- The groundwater samples were each retained in a 1-liter amber glass bottle containing H_2SO_4, and three 40-ml glass VOA vials with no preservative.
- All collected samples was labeled with the sample number, date and project number.
- All samples were stored in an ice chest kept at approximately 40 to 50 degrees Fahrenheit prior to transportation to a State of California, Department of Health Services certified laboratory under strict chain-of-custody procedures.

APPENDIX C

LABORATORY REPORT

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: November 15, 2018

Mr. Robert Hansen
Alta EM, Inc.
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

Project: **GBC - Monterey Park / 18738-01**
Lab I.D.: **181109-36 through -52**

Dear Mr. Hansen:

The **analytical results** for the soil and water samples, received by our laboratory on November 9, 2018, are attached. The samples were received chilled, intact, and accompanying chain of custody record.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manager

Andy Wang
Laboratory Manager

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**

MATRIX:SOIL
SAMPLING DATE:11/08/18
REPORT TO:MR. ROBERT HANSEN

DATE RECEIVED:11/09/18
DATE EXTRACTED:11/12/18
DATE ANALYZED:11/13/18
DATE REPORTED:11/15/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B; PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
PS1-4	181109-36	ND	1
Method Blank		ND	1
	PQL	**10**	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:_____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**

MATRIX:SOIL
SAMPLING DATE:11/08/18
REPORT TO:MR. ROBERT HANSEN

DATE RECEIVED:11/09/18
DATE EXTRACTED:11/13/18
DATE ANALYZED:11/13-14/18
DATE REPORTED:11/15/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B; PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
PS2-4	181109-37	ND	1
PS3-4	181109-38	ND	1
PS4-4	181109-39	ND	1
PS5-5	181109-40	ND	1
PS6-4	181109-41	ND	1
PS7-4	181109-42	ND	1
PS8-4	181109-43	ND	1
PS9-4	181109-44	ND	1
PS10-3.5	181109-45	ND	1
PS11-4	181109-46	ND	1
PS12-3.5	181109-47	ND	1
PS13-4	181109-48	15.2 *	1
T3-1-10	181109-49	10.5 *	1
T3-2-10	181109-50	ND	1
Method Blank		ND	1
	PQL	**10**	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
* = PEAKS IN DIESEL RANGE BUT CHROMATOGRAM DOES NOT MATCH THAT OF DIESEL STANDARD

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 11/13/2018 **Units:** mg/Kg (ppm)

Matrix: **Soil/Solid/Sludge/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 181113-LCS1/2

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10~C28 Range	0	200	153	**77%**	151	**76%**	**1%**	**75-125**	**0-20%**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10~C28 Range	200	178	**89%**	**75-125**

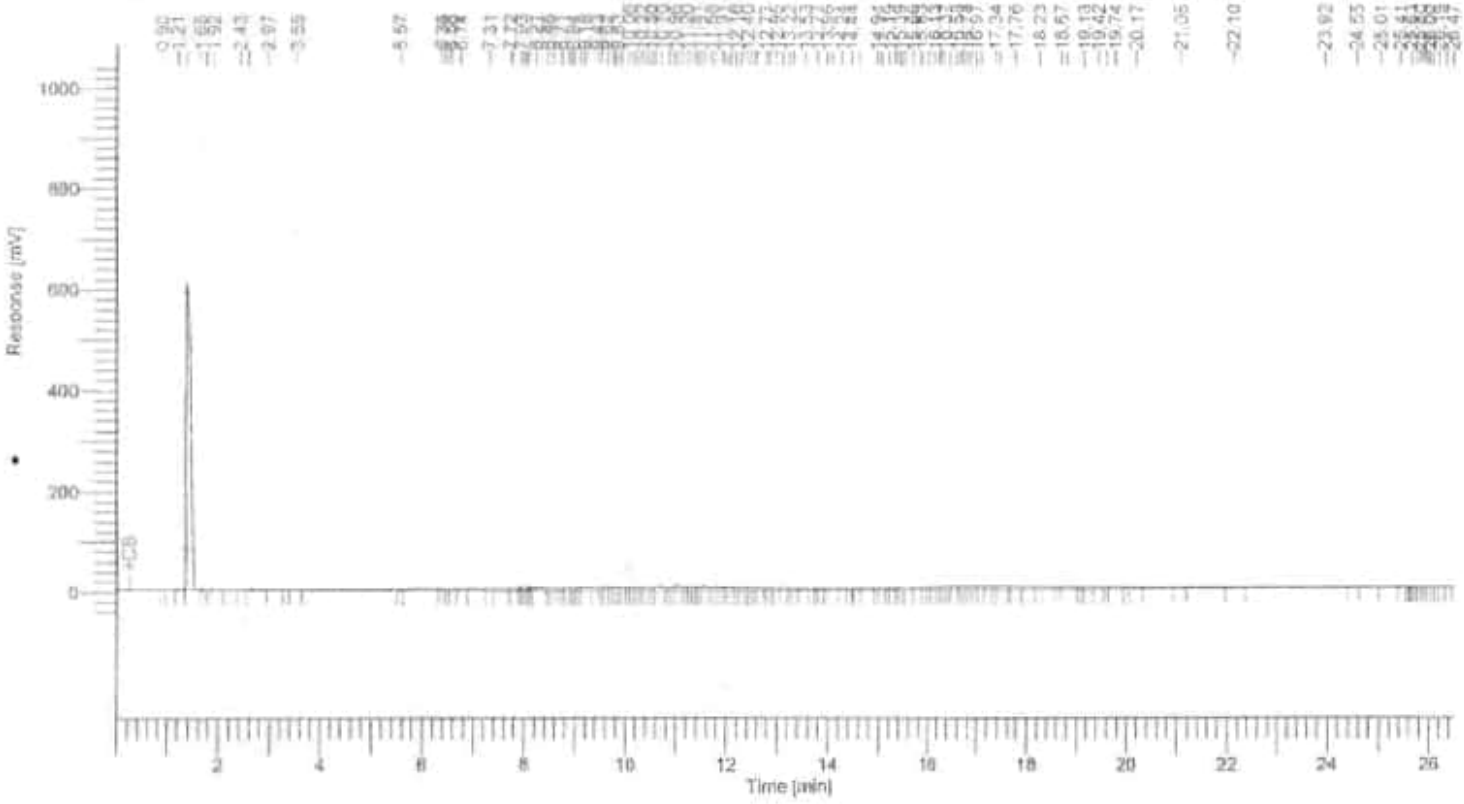
Analyzed and Reviewed By: _____

Final Reviewer: _____

Software Version : 5.3.2.0646
Sample Name : 181109-48 20/2.0
Instrument Name : GC H
Rack/Vial : 0/26
Sample Amount : 1.000000
Cycle : 1

Date : 11/14/2018 1:33:32 PM
Data Acquisition Time : 11/14/2018 5:22:21 AM
Channel : A
Operator : Administrator
Dilution Factor : 1.000000

Result File :
Sequence File : E:\GC DATA\GC-HH\2018\H1803\HB111318\181113.seq



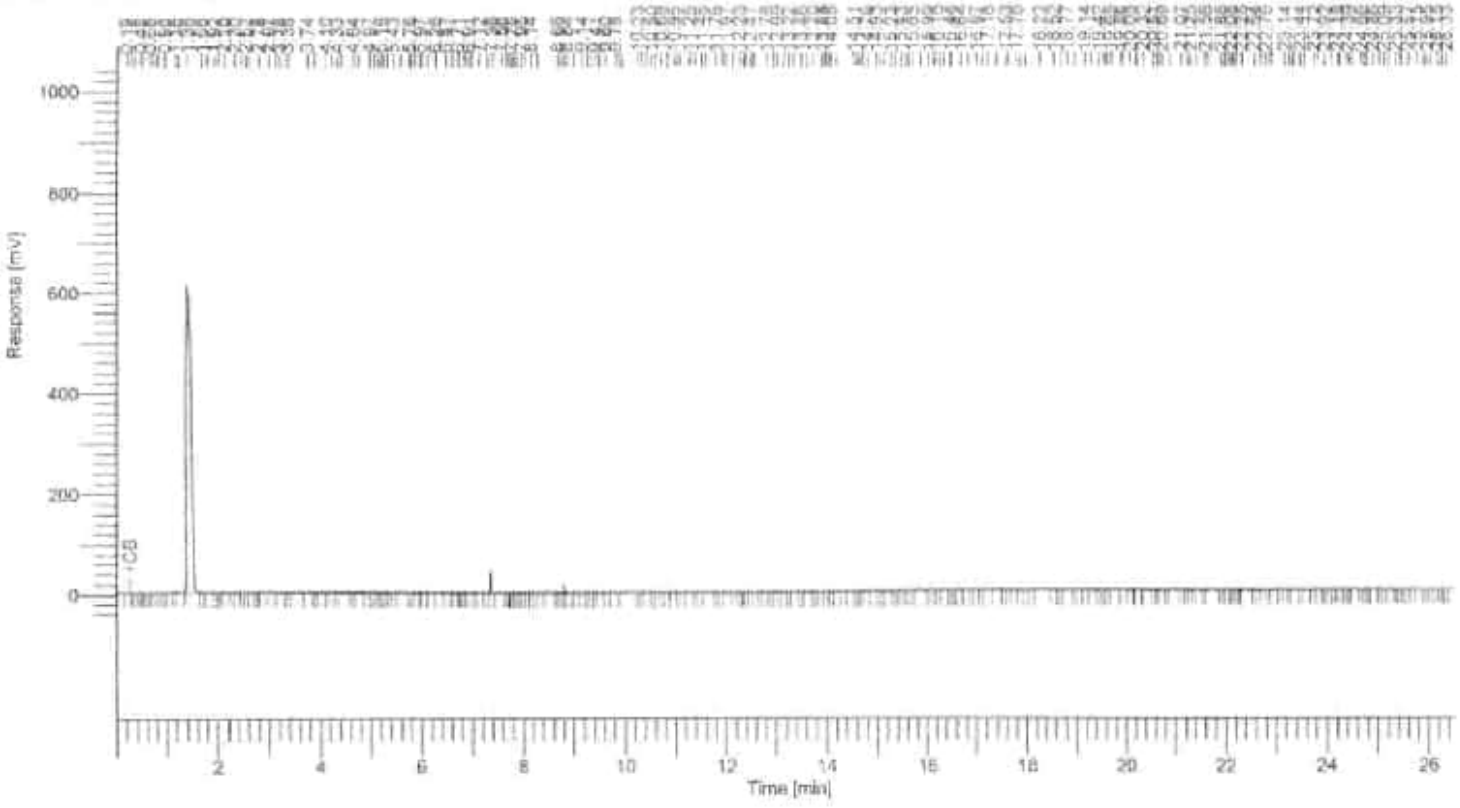
8015 Results

Component Name	Area [uV*sec]	Adjusted Amount
C4 C10	152343	28.2
C10-C23	2297450	151.9
C23-C35	1464079	103.9
	3913872	282.0

Software Version : 6.3.2.0648
Sample Name : 181109-49 20/2 D
Instrument Name : GC-N
Rack/Vial : 0/27
Sample Amount : 1.000000
Cycle : 1

Date : 11/14/2018 1:33:44 PM
Data Acquisition Time : 11/14/2018 5:59:05 AM
Channel : A
Operator : Administrator
Dilution Factor : 1.000000

Result File :
Sequence File : E:\GC DATA\GC-HH\2018\H1803\H181113\H181113.seq



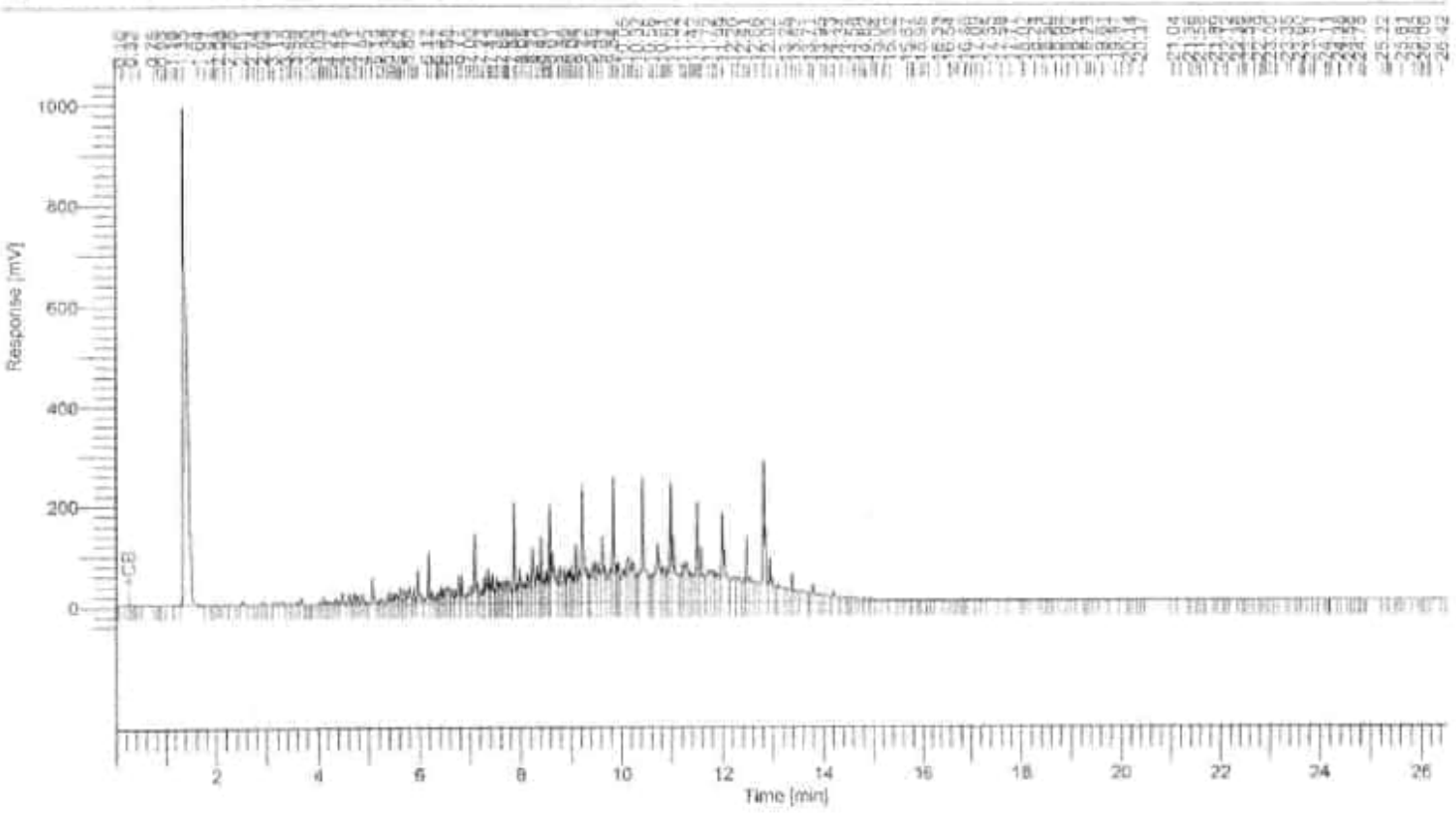
8015 Results

Component Name	Area [uV*sec]	Adjusted Amount
C4-C10	548773	94.4
C10-C23	1580119	104.5
C23-C35	1546784	109.7
	3675675	308.6

Software Version : 6.3.2.0646
Sample Name : DIESEL CCV 2000PPM (GC-3634)
Instrument Name : GC-H
Rack/Vial : 0/3
Sample Amount : 1.000000
Cycle : 1

Date : 1/14/2018 1:40:39 PM
Data Acquisition Time : 1/13/2018 3:59:12 PM
Channel : A
Operator : Administrator
Dilution Factor : 1.000000

Result File :
Sequence File : E:\GC DATA\GC-HH\2018\H1803\H811\3\H181113.seq



8015 Results

Component Name	Area [uV*sec]	Adjusted Amount
C4-C10	1619882	278.8
C10-C23	23699721	1566.8
C23-C35	1413234	100.3
	26732838	1945.9

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 11/13-14/2018 **Units:** mg/Kg (ppm)

Matrix: **Soil/Solid/Sludge/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 181109-37 MS/MSD

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10~C28 Range	0	200	175	**88%**	159	**80%**	**10%**	**75-125**	**0-20%**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10~C28 Range	200	195	**98%**	**75-125**

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**

MATRIX:WATER
SAMPLING DATE:11/08/18
REPORT TO:MR. ROBERT HANSEN

DATE RECEIVED:11/09/18
DATE EXTRACTED:11/09/18
DATE ANALYZED:11/11-12/18
DATE REPORTED:11/15/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
TP GW1	181109-51	ND	1
TP GW2	181109-52	ND	1
Method Blank		ND	1
	PQL	500	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:_____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 11/11-12/2018 **Units:** ug/L (PPB)

Matrix: **Water/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 181111-LCS3/4

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10-C28 RANGE	0	12000	14100	**118%**	13900	**116%**	**1%**	**75-125**	**0-20%**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10-C28 RANGE	12000	10900	**91%**	**75-125**

Analyzed and Reviewed by: _____

Final Reviewer: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**
MATRIX: SOIL
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT HANSEN
DATE RECEIVED: 11/09/18
DATE ANALYZED: 11/10/18
DATE REPORTED: 11/15/18

EPA 5035/8260B FOR BTEX
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	DF
PS1-4	181109-36	ND	ND	ND	ND	1
PS2-4	181109-37	ND	ND	ND	ND	1
PS3-4	181109-38	ND	ND	ND	ND	1
PS4-4	181109-39	ND	ND	ND	ND	1
PS5-5	181109-40	ND	ND	ND	ND	1
PS6-4	181109-41	ND	ND	ND	ND	1
PS7-4	181109-42	ND	ND	ND	ND	1
PS8-4	181109-43	ND	ND	ND	ND	1
PS9-4	181109-44	ND	ND	ND	ND	1
PS10-3.5	181109-45	ND	ND	ND	ND	1
PS11-4	181109-46	ND	ND	ND	ND	1
PS12-3.5	181109-47	ND	ND	ND	ND	1
PS13-4	181109-48	ND	ND	ND	ND	1
T3-1-10	181109-49	ND	ND	ND	ND	1
T3-2-10	181109-50	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	1
PQL		0.005	0.005	0.005	0.010	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**
MATRIX: SOIL
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT HANSEN
DATE RECEIVED: 11/09/18
DATE ANALYZED: 11/10/18
DATE REPORTED: 11/15/18

EPA 5035/8260B FOR FUEL OXYGENATES
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
PS1-4	181109-36	ND	ND	ND	ND	ND	1
PS2-4	181109-37	ND	ND	ND	ND	ND	1
PS3-4	181109-38	ND	ND	ND	ND	ND	1
PS4-4	181109-39	ND	ND	ND	ND	ND	1
PS5-5	181109-40	ND	ND	ND	ND	ND	1
PS6-4	181109-41	ND	ND	ND	ND	ND	1
PS7-4	181109-42	ND	ND	ND	ND	ND	1
PS8-4	181109-43	ND	ND	ND	ND	ND	1
PS9-4	181109-44	ND	ND	ND	ND	ND	1
PS10-3.5	181109-45	ND	ND	ND	ND	ND	1
PS11-4	181109-46	ND	ND	ND	ND	ND	1
PS12-3.5	181109-47	ND	ND	ND	ND	ND	1
PS13-4	181109-48	ND	ND	ND	ND	ND	1
T3-1-10	181109-49	ND	ND	ND	ND	ND	1
T3-1-10	181109-50	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
PQL		0.01	0.01	0.005	0.01	0.05	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL tert-BUTYL ETHER DIPE = ISOPROPYL ETHER
MTBE = METHYL tert-BUTYL ETHER TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 11/10/2018 **Matrix:** Solid/Soil/Liquid
Machine: C **Unit:** mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)
Spiked Sample Lab I.D.: 181109-50 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.045	90%	0.045	90%	0%	75-125	0-20
Chlorobenzene	0	0.050	0.049	98%	0.050	100%	2%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.041	82%	0.043	86%	4%	75-125	0-20
Toluene	0	0.050	0.047	94%	0.047	94%	0%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.044	88%	0.045	90%	2%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.044	88%	75-125
Chlorobenzene	0.050	0.058	116%	75-125
Chloroform	0.050	0.039	78%	75-125
1,1-Dichlorothene	0.050	0.043	86%	75-125
Ethylbenzene	0.050	0.053	106%	75-125
o-Xylene	0.050	0.054	108%	75-125
m,p-Xylene	0.100	0.105	105%	75-125
Toluene	0.050	0.047	94%	75-125
1,1,1-Trichloroethane	0.050	0.040	80%	75-125
Trichloroethene (TCE)	0.050	0.051	102%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	181109-36	181109-37	181109-38	181109-39	181109-40	181109-41
Dibromofluoromethane	50.0	70-130	84%	90%	91%	93%	93%	99%	98%
Toluene-d8	50.0	70-130	94%	98%	95%	96%	96%	97%	98%
4-Bromofluorobenzene	50.0	70-130	104%	106%	100%	103%	99%	101%	98%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			181109-42	181109-43	181109-44	181109-45	181109-46	181109-47	181109-48
Dibromofluoromethane	50.0	70-130	100%	100%	101%	104%	101%	104%	103%
Toluene-d8	50.0	70-130	98%	98%	99%	97%	100%	98%	99%
4-Bromofluorobenzene	50.0	70-130	102%	100%	100%	98%	99%	102%	97%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			181109-49	181109-50					
Dibromofluoromethane	50.0	70-130	100%	102%					
Toluene-d8	50.0	70-130	99%	100%					
4-Bromofluorobenzene	50.0	70-130	98%	100%					

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*
S.R. = Sample Results *%RC = Percent Recovery*
spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*
MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By: _____

Final Reviewer: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**
MATRIX: WATER — DATE RECEIVED: 11/09/18
SAMPLING DATE: 11/08/18 — DATE ANALYZED: 11/13/18
REPORT TO: MR. ROBERT HANSEN — DATE REPORTED: 11/15/18

EPA 5030B/8260B FOR BTEX
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	DF
TP GW1	181109-51	ND	ND	ND	ND	1
TP GW2	181109-52	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	1
PQL		1.00	1.00	1.00	3.00	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**
MATRIX:WATER DATE RECEIVED:11/09/18
SAMPLING DATE:11/08/18 DATE ANALYZED:11/13/18
REPORT TO:MR. ROBERT HANSEN DATE REPORTED:11/15/18

EPA 5030B/8260B FOR FUEL OXYGENATES
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
TP GW1	181109-51	ND	ND	ND	ND	ND	1
TP GW2	181109-52	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
	PQL	5.00	5.00	3.00	5.00	50.0	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL tert-BUTYL ETHER DIPE = ISOPROPYL ETHER
MTBE = METHYL tert-BUTYL ETHER TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 11/13/2018 Matrix: Water/Liquid
Machine: B Unit: ug/L (PPB)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)
Spiked Sample Lab I.D.: 181109-35 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	25.0	22.9	92%	23.8	95%	4%	75-125	0-20
Chlorobenzene	0	25.0	22.4	90%	23.7	95%	5%	75-125	0-20
1,1-Dichloroethene	0	25.0	22.2	89%	18.8	75%	14%	75-125	0-20
Toluene	0	25.0	22.4	90%	23.6	94%	5%	75-125	0-20
Trichloroethene (TCE)	0	25.0	22.7	91%	24.5	98%	7%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	25.0	21.6	86%	75-125
Chlorobenzene	25.0	21.5	86%	75-125
Chloroform	25.0	22.0	88%	75-125
1,1-Dichloroethene	25.0	21.4	86%	75-125
Ethylbenzene	25.0	20.9	84%	75-125
o-Xylene	25.0	21.8	87%	75-125
m,p-Xylene	50.0	44.2	88%	75-125
Toluene	25.0	21.6	86%	75-125
1,1,1-Trichloroethane	25.0	20.9	84%	75-125
Trichloroethene (TCE)	25.0	20.7	83%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			**M-BLK**	**181109-35**	**181109-25**	**181108-20**	**181108-21**	**181108-22**	**181108-23**
Dibromofluoromethane	25.0	70-130	96%	84%	84%	87%	87%	92%	86%
Toluene-d8	25.0	70-130	102%	100%	99%	100%	101%	101%	101%
4-Bromofluorobenzene	25.0	70-130	93%	89%	89%	94%	91%	90%	91%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			**181108-24**	**181108-25**	**181108-26**	**181109-62**	**181109-51**	**181109-52**	
Dibromofluoromethane	25.0	70-130	84%	79%	82%	82%	83%	86%	
Toluene-d8	25.0	70-130	110%	100%	100%	100%	99%	100%	
4-Bromofluorobenzene	25.0	70-130	87%	89%	90%	89%	90%	90%	

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.									
Dibromofluoromethane	25.0	70-130							
Toluene-d8	25.0	70-130							
4-Bromofluorobenzene	25.0	70-130							

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*
S.R. = Sample Results *%RC = Percent Recovery*
spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*
MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By: _____

Final Reviewer: _____

Gmail

Jessica Lin <envirocheminc@gmail.com>

GBC -Monterey Park

Rob Hansen - AEM <rhansen@altaem.com> Wed, Nov 14, 2018 at 4:22 PM
To: Jessica LIN <envirocheminc@gmail.com>
Cc: curt@enviro-chemlab.com

Jessica. Curt and I discussed putting the orgamic lead analyses on hold for these soil samples picked up last Friday. The Regulator has approved NOT doing this particular analysis, so please do not.

Enviro-Chem, Inc. Laboratories
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	TPH diesel (SOIL) / GTBX, FUEL OXYGENATES (8260) / OXIDIZER - LEAD (CCR)	Misc./PO#	COMMENTS
								Analysis Required		
PS1-4	181109-36	11/8/18	10:55	SOIL	1-SC35 1-402		BLUE ICE	X X X		
PS2-4	-37		11:09					X X X		
PS3-4	-38		11:15					X X X		
PS4-4	-39		11:23					X X X		
PS5-5	-40		11:32					X X X		
PS6-4	-41		11:43					X X X		
PS7-4	-42		12:08					X X X		
PS8-4	-43		11:55					X X X		
PS9-4	-44		13:56					X X X		
PS10-3.5	-45		12:43					X X X		
PS11-4	-46		12:15					X X X		
PS12-3.5	-47		12:33					X X X		
PS13-4	-48		13:40					X X X		
T3-1-10	-49		14:05					X X X		
T3-2-10	-50		14:15					X X X		

Company Name: ALTA ENV INC	**Project Contact:** ROBERT HANSEN	**Sampler's Signature:**
Address: 8280 UTICA AVE, #200	**Tel:** (909) 476-2120	**Project Name/ID:** GBC-MONTEREY PARK / 18738-01
City/State/Zip: RANCHO CUCAMONGA, CA 91730	**Fax/Email:** (909) 476-6819	

Relinquished by:	Received by:	Date & Time: 11/9/18 0835	Instructions for Sample Storage After Analysis:
Relinquished by:	Received by:	Date & Time: 11/9/18 1520	O Dispose of O Return to Client O Store (30 Days)
Relinquished by:	Received by:	Date & Time:	O Other:

CHAIN OF CUSTODY RECORD

Date: 11/8/18

WHITE WITH SAMPLE • YELLOW TO CLIENT

Enviro-Chem, Inc. Laboratories
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	TPH as diesel (8015M)	BTEX, TBE, Oxygenates (8260B)	Chromium (6010B or LUFT Method)	Misc./PO#	COMMENTS
								Analysis Required				
TPGW1	18110-51	11/8/18	13:10	WATER	3-1L Amber, 6-40ml VOAs		Cool, HCl	X	X			
TPGW2	18110-52	11/8/18	13:20	↓	"		"	X	X			

Company Name: ALTA ENV INK	**Project Contact:** ROBERT HANSEN	**Sampler's Signature:**
Address: 8280 UTICA AVE, #200	**Tel:** (909) 476-2120	**Project Name/ID:** BSC-MARKET AREA 18738-01
City/State/Zip: RANCHO CUCAMONGA CA 91730	**Fax/Email:** (909) 476-6819	

Relinquished by:	Received by:	Date & Time: 11/9/18 0955	Instructions for Sample Storage After Analysis:
Relinquished by:	Received by:	Date & Time: 11/9/18 1130	O Dispose of O Return to Client O Store (30 Days)
Relinquished by:	Received by:	Date & Time:	O Other:

CHAIN OF CUSTODY RECORD

Date: 11/8/18

WHITE WITH SAMPLE - YELLOW TO CLIENT

APPENDIX D

OTHER REMOVAL DOCUMENTATION
(RINSATE MANIFEST, TANK DESTRUCTION / RECYCLING CERTIFICATE)

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAC002986628	1	909 944-3517	019436560 JJK

GENERATOR

5. Generator's Name and Mailing Address

EQUITY OFFICE
1977 SATURN STREET
MONTEREY PARK, CA 91755

Generator's Phone: 323 430-7081 Attn: ROBERT DEL HIERRO

Generator's Site Address (if different than mailing address)

EQUITY OFFICE
1977 SATURN STREET
MONTEREY PARK, CA 91755

6. Transporter 1 Company Name: ADAMS SERVICES, INC. — U.S. EPA ID Number: CAR000189431

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address

DENERNO/KERDOON
2000 N. ALAMEDA STREET
COMPTON, CA 90222

U.S. EPA ID Number: CAT080013352

Facility's Phone: 310 537-7100

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. NON-RCRA HAZARDOUS WASTE LIQUID (WATER WITH TRACE HYDROCARBONS)	1	TT		G			
						R41		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

AVOID EYE CONTACT & WEAR RUBBER GLOVES
ERG 128
CONTRACTOR: GEORGE ENIANT

1) WATER WITH HYDROCARBONS

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: ROBERT JORDAN — Signature — Month: 11 — Day: 08 — Year: 18

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month — Day — Year

AZUSA LAND RECLAMATION

1211 W. Gladstone St, Azusa, CA 91702
Phone: 626-2249127 FAX: 626-8120801

Certificate of Material Destruction

THIS RECORD IS TO CERTIFY THAT MATERIAL RECEIVED ON NOVEMBER 08, 2018 AT 13:03 PM.
HAS BEEN DISPOSED OF ACCORDING TO LANDFILL BEST MANAGEMENT PRACTICES
AND ALL CIWMB AND LARWQCB REGULATIONS.

Generator:	Transporter	Disposal Site:
Equity Office	Adams Services, Inc.	Azusa Land Reclamation
1977 Saturn Street	1 – 10,000 gallon tank	1211 W. Gladstone St.
Monterey Park CA 91755		Azusa, CA 91702

Azusa Land Reclamation

AZUSA LAND RECLAMATION

1211 W. Gladstone St, Azusa, CA 91702
Phone: 626-2249127 FAX: 626-8120801

Certificate of Material Destruction

THIS RECORD IS TO CERTIFY THAT MATERIAL RECEIVED ON NOVEMBER 08, 2018 AT 13:49 PM.
HAS BEEN DISPOSED OF ACCORDING TO LANDFILL BEST MANAGEMENT PRACTICES
AND ALL CIWMB AND LARWQCB REGULATIONS.

Generator:	Transporter	Disposal Site:
Equity Office	Adams Services, Inc.	Azusa Land Reclamation
1977 Saturn Street	1 – 10,000 gallon tank	1211 W. Gladstone St.
Monterey Park CA 91755		Azusa, CA 91702

Azusa Land Reclamation

AMERICAN METAL RECYCLING

11150 REDWOOD AVE. • FONTANA, CA 92337
(909) 988-8000

Nº 65500

TANK DISPOSAL FORM

Date: 11/8/18
Job#
P.O.#

CONTRACTOR: Adams Services
ADDRESS: 406. E. Alondra Blvd. Gardena, Ca 90248
JOB SITE: Equity Office
ADDRESS: 1977 Saturn St. Monterey Park, Ca 91755
DESTINATION: A.M.R. 11150 REDWOOD AVE., FONTANA, CA 92337

DATE	TIME	PROJECTED TANKS	ORDERED BY:	UIC NO.

SPECIAL INSTRUCTIONS: _____

TIME IN:
TIME OUT:

(1) 2000

✔	Services Rendered	Cost
___	Disposal Fee	
___	Extensive Loading Time	
___	Disposal Fee with Permit	
___	Fiberglass Tank Disposal Fee Per Tank	
___	Fiberglass Delivered	
___	Bobtail Disposal	
___	Cancellation Fee	

TOTAL CHARGES $

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice. Contractor's signature represents acceptance of terms for payment, and confirms that tank removal complies with State laws.

_____
CONTRACTOR'S SIGNATURE

TANKS RECEIVED

QTY	GALLONS	TYPE F*	TYPE S*	NET TONS	TOTAL
	250	☐	☐	.14	
	500	☐	☐	.21	
	550	☐	☐	.24	
	1000 - 12 ft.	☐	☐	.44	
	1000 - 6 ft.	☐	☐	.61	
	1500	☐	☐	.87	
	2000	☐	☑	.97	
	2500	☐	☐	1.14	
	3000	☐	☐	1.32	
	4000	☐	☐	1.64	
	5000	☐	☐	2.42	
	6000	☐	☐	2.84	
	7500	☐	☐	3.26	
	8000	☐	☐	3.44	
	9000	☐	☐	3.82	
	10000	☐	☐	4.33	
	12000	☐	☐	4.93	

NO. OF TANKS 1 TOTAL NET TONS

*F - FIBERGLASS *S - STEEL 105

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PUROSES ONLY.

Moises Rios
AUTHORIZED REP.

11/8/18
DATE

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
UNDERGROUND STORAGE TANK PROGRAM

NOTICE OF VIOLATION ORDER TO COMPLY

Date: 3/27/2019 — Permit #: 892942

Contact/Owner: MS. KATRINA JONES — Site/Fac #: 006994 - 665226

Site Name: BRE CA SATURN LLC — Violation #: 91754-8

Site Address: 1977 SATURN ST — City/Zip: MONTEREY PARK, 91755

Mailing Address: SAME AS ABOVE — City, Zip:

A recent inspection of your facility revealed that the following conditions exist for petroleum underground storage tanks (USTs) which are in violation of California Health and Safety Code (H&SC) Chapter 6.7 and/or 23 California Code of Regulations (CCR) Division 3, and/or the conditions and limitations of the above permit. YOU ARE HEREBY DIRECTED to take the actions listed below on or before the following date(s) indicated:

☐ OPERATING WITHOUT A CERTIFIED / OPERATING MONITORING SYSTEM – CHSC 25292

YOU ARE HEREBY DIRECTED to have the monitoring system certified by an individual who meets the qualifications specified by this office by (Date): _____. The date of the last failure on the double-walled UST systems are to be resolved within the 45 period.

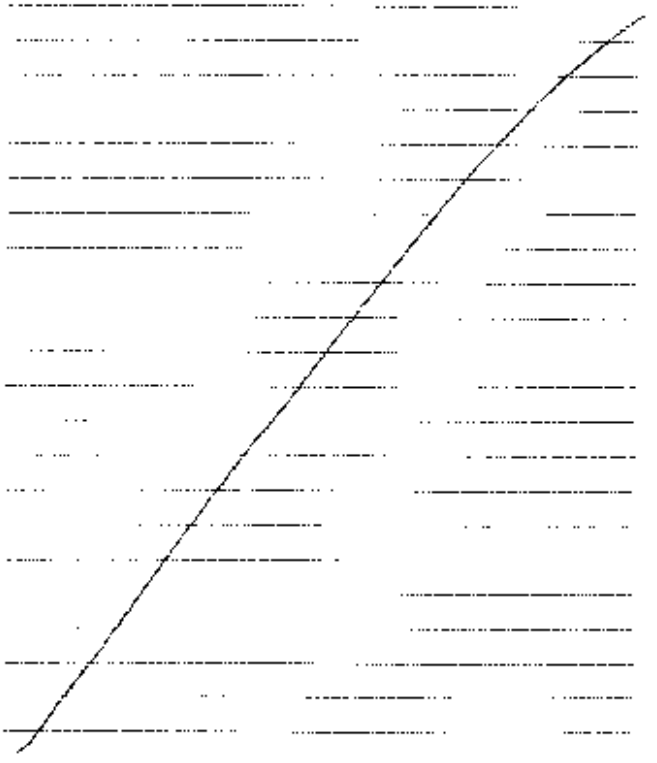
☐ MISSING TEST RESULTS / DOCUMENTS – Required testing/documents must be conducted and/or documents received by this office:

- ☐ Secondary Containment Testing
- ☐ Tank Integrity Testing
- ☐ Piping or Secondary Containment Testing
- ☐ Annual Testing
- ☐ Line Testing
- ☐ Line Leak Detector Testing
- ☐ Facility Employee Training
- ☐ Monthly Designated Operator Monitoring Form(s)
- ☐ _____

☑ REQUIRED DOCUMENTS / ITEMS MUST BE SUBMITTED TO THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) –

- ☐ Facility Information Page
- ☑ Tank Information Page
- ☐ Tank Profile
- ☑ Proof of Financial Responsibility Certificate
- ☐ Chief Financial Officer Letter
- ☐ Owner Statement of Designated Operator
- ☑ Monitoring Plan
- ☐ Response Plan
- ☐ Owner/Operator Agreement
- ☑ Current monitoring results and/or alarm history report (CERS printout)
- ☐ _____

☐ OTHER



YOU ARE HEREBY DIRECTED to submit to this office written evidence of compliance with the above directives by the later of the following: sixty days from the date on this Notice, or any other specific date above. Failure to comply with the underground storage tank laws and regulations may subject you to a civil penalty of not less than $500 or more than $10,000 or by one year in county jail or both. Finally, pursuant to Title 23 of the Los Angeles County Code, Section 7.24.040 and H&SC 25299.76, it is a misdemeanor to violate any of the laws and regulations governing USTs, including provisions of CHSC, Division 20, Chapter 6.7 and 23 CCR, Division 3, Chapter 16. Failure to comply with this Notice may therefore result in criminal prosecution. Furthermore, a notice of violation may be imposed to recover the cost incurred by this Department in the enforcement of this.

If you have any questions regarding this matter, please contact: ANDISH DEHBASHI
[ ] Monday through Friday, 8 a.m. to 3:30 p.m. or [ ] Monday through Thursday, 7 a.m. to 5:30 p.m. at (626) 430-7631

Issued by: _____
Print Name

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
EAST LOS ANGELES DISTRICT OFFICE
4991 E. 3RD STREET
LOS ANGELES, CA 90022-1631

Receipt of a copy of this report acknowledged by:

Print Name: SENT VIA EMAIL TO KATRINA JONES — Title: GENERAL MANAGER

Signature: KATRINA_JONES@BRE.COM — Date: 3/27/19 (ATTEMPTED DELIVERY RECEIPT)

UR-2033 DPW Rev. 05/13

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
http://dpw.lacounty.gov

MARK PESTRELLA, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE
REFER TO FILE EP-1
006994-065226

April 27, 2020

Mr. Dean Christian
BRE CA SATURN LLC
1977 Saturn Street
Monterey Park, CA 91755-7418

Dear Mr. Christian:

HAZARDOUS SUBSTANCES UNDERGROUND STORAGE
CLOSURE/SITE ASSESSMENT REPORT
CLOSURE APPLICATION NO. 905166
FACILITY LOCATED AT 1977 SATURN STREET, MONTEREY PARK (3M)

This office reviewed the soil sampling report dated December 7, 2018, for the subject facility.

Pursuant to the California Health and Safety Code, Division 20, Chapter 6.7, Section 25297(b), and since the California Regional Water Quality Control Board (CRWQCB) is the lead agency for the subject facility mitigation, we are referring this matter to the said agency. For further information regarding the CRWQCB's requirements, please contact Mr. Yue Rong at 320 West 4th Street, Suite 200, Los Angeles, CA 90013-2343, (213) 576-6710. Any future requirements are subject to the direction and approval of the CRWQCB.

Please submit all future correspondences to the CRWQCB with a copy sent to this office.

If you have any questions, please contact me or you staff may contact Mr. John Awujo at (626) 458-3507 or JAWUJO@pw.lacounty.gov, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

MARK PESTRELLA
Director of Public Works

TIM SMITH
Senior Civil Engineer
Environmental Programs Division

TS:ak
R:\SEC\AK\EPD\CHRISTIAN 050320
cc: ALTA EM Inc. (Robert Hansen)
California Regional Water Quality Control Board, Los Angeles Region (Yue Rong)

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
http://dpw.lacounty.gov

MARK PESTRELLA, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE
REFER TO FILE EP-1
006994-065226

April 27, 2020

Mr. Yuo Rong
California Regional Water
Quality Control Board
320 West 4th Street, Suite 200
Los Angeles, CA 90013-2343

Dear Mr. Rong:

HAZARDOUS SUBSTANCES UNDERGROUND STORAGE
CLOSURE/SITE ASSESSMENT REPORT
CLOSURE APPLICATION NO 905166
1977 SATURN STREET, MONTEREY PARK (3M)

This office reviewed the soil sampling report dated December 7,2018. for the subject facility.

Pursuant to the California Health and Safety Code, Division 20, Chapter 6.7, Section 25297(b), and since the California Regional Water Quality Control Board is the lead agency for the subject facility mitigation, we are referring this matter to your agency for further action. We request that all future correspondence regarding this matter be sent to your office with a copy sent to this office.

If you have any questions, please contact me or your staff may contact Mr. John Awujo at (626) 458-3507 or JAWUJO@pw.lacounty.gov, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

MARK PESTRELLA
Director of Public Works

TIM SMITH
Senior Civil Engineer
Environmental Programs Division

TS:ak
P:\SEDAK\LETTERING\C05030

cc: ALTA EM, Inc. (Robert Hansen)

APPLICATION FOR INDUSTRIAL WASTE DISPOSAL PERMIT

FA 1800205

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
Environmental Programs Division
900 South Fremont Avenue, 3rd Floor Annex Building
Alhambra, CA 91803-1331
Telephone: (626) 458-3517 Fax: (626) 458-3569
http://www.CleanLA.com

TO BE COMPLETED BY DPW ONLY
SITE 006994 FILE 06D222
APP NO 3957666 AREA 3M
PERMIT TYPE & NO ... / ...

CHECK ONE: ☐ New Permit ☐ Permit Revision ☒ Non-Use Permit ☒ Change of Ownership (Effective Date 7/2/18

BUSINESS NAME 1977 Saturn Street Tel 818-334-2241

LEGAL COMPANY NAME BRE CA Office Owner LLC ☐ Corporation / LLC ☐ Partnership ☐ Individual ☐ Governmental Agency

LOCATION ADDRESS 1977 Saturn Street Monterey Park 91755
(Street) (City) (ZIP+4)

MAILING ADDRESS 299 No. Euclid Ave. Pasadena CA 91101
(Street) (City) (State) (ZIP+4)

TYPE OF INDUSTRY Real Estate - Lessors of Non Residential Bldgs 531120
(General Description) (Federal SIC Number(s)) (NAICS Number(s))

PROPERTY OWNER NAME BRE CA Office Owner L.L.C. Tel. 818-334-2241

PROPERTY OWNER ADDRESS 222 S. Riverside Plaza, Ste 200, Chicago, IL

ASSESSOR'S PARCEL IDENTIFICATION: Map Book ... Page ... Parcel # 5265-026-054 (From tax bill)

GENERAL DESCRIPTION: Describe each disposal method. Multiple disposal

Method of disposal: ☐ Sanitary sewer ☐ Private underground disposal system

☐ Surface waters, stream or storm drain (provide NPDES

Subject to stormwater treatment BMP approval? ☐ Yes ☐ No Type(s) of BMPs:

Raw materials used (attach MSDS's, where appropriate):

Products produced:

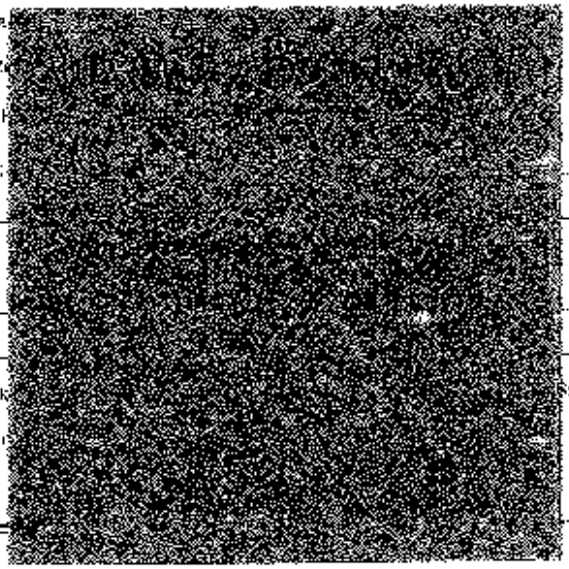
Wastewater producing operations (describe)

Constituents of waste discharge:

Hours of operation: ... to ... Days per week (Check

Average daily wastewater flow rate (gal per day):

Estimated five-minute peak wastewater flow rate (gal per min):



PERSON RESPONSIBLE FOR INDUSTRIAL WASTE DISCHARGE:

AS A CONDITION OF THE ISSUANCE OF THE PERMIT HEREIN APPLIED FOR, THE APPLICANT AGREES TO SUBMIT ADDITIONAL INFORMATION AS MAY BE REQUIRED BY THE DIRECTOR OF PUBLIC WORKS. PERMITS MAY BE SUBJECT TO ADDITIONAL CONDITIONS AND LIMITATIONS. AN ANNUAL FEE MAY BE REQUIRED UPON PERMIT ISSUANCE.
I AFFIRM THAT ALL INFORMATION FURNISHED IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

NAME (Please print) Katrina D. Jones TITLE General Manager

SIGNATURE K. D. J. DATE 7/2/18 TEL 818.334.2241

kjones@eqoffice.com

RETURN THIS APPLICATION, REQUIRED PLANS, SUPPORTING INFORMATION, AND AN APPLICATION/PLAN REVIEW FEE (CHECK FOR FEE AMOUNT) OF:	PAYABLE TO:
$ ...	COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

Items to consider when applying for Industrial Waste Disposal Permit in Los Angeles County:

Application Form:

- The Permit application must be completely filled out and signed by the person responsible for the waste discharge. Since this is an operating permit application, the signature of the consultant is NOT acceptable.
- Alternatively, the responsible party can give their consent through a letter of authorization to another person such as a contractor or an architect. The authorization letter needs to be provided to us and must contain contact information of person responsible for the permit.
- Any proposed permit application may be subject to joint permit with County Sanitation District.

Plan Requirements:

- Two (2) sets of plans for Domestic Waste Clearance (i.e. sanitary waste only)
- Four (4) sets of plans for Public Works Industrial Waste:
  - All plans shall be to scale with minimum size of 11" x 17" and preferably 24" x 36"
  - Site plan shows location of existing buildings on the property with the proposed pre-treatment system(s) indicated, address, property line, sanitary sewer and sewer connections where applies, parking spaces, occupancies of all adjoining suites, the direction North, etc.
  - Architectural floor plan identifying each area in the building by its use, i.e., food preparation, car wash, plating, laboratory, storage, office, restrooms, etc.
  - Plumbing plan showing all drains including floor drains, floor sinks, trench drains, service sinks, and supply/waste lines and facilities handling industrial wastewater from the point of origin to the connection to the point of disposal, i.e. public sewer, private disposal system, and/or holding facility for offsite disposal. All equipment or facilities generating industrial wastewater must be identified on the plans.
  - Detail drawings of all pretreatment systems with dimensions and manufacturer's specifications.

Rain Diversion System Guidelines:

- To obtain guidelines for the discharge of rainwater, please refer to County Sanitation District's website:
  - http://www.lacsd.org/wastewater/industrial_waste/typical_businesses/waterdischarges.asp

Fees:

- A permit processing fee and a plan check fee will be determined based on the type of industry and the facility location. Please contact this office for further information.

References:

- Obtaining SIC Codes: https://www.osha.gov/pls/imis/sicsearch.html
- North American Industry Classification System (NAICS): http://www.census.gov/eos/www/naics/
- LA County Sanitation District (LACSD): http://www.lacsd.org/
- LA County - Los Angeles County Office of the Assessor: http://assessor.lacounty.gov/

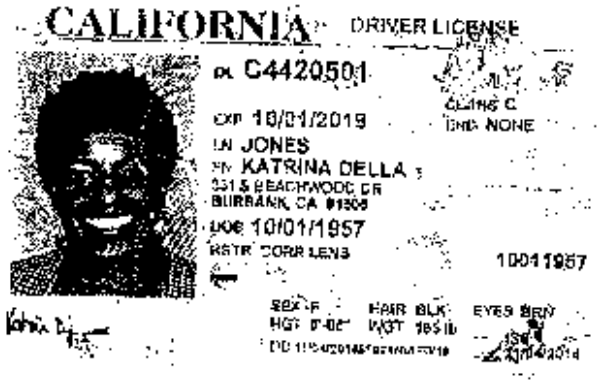
CERTIFICATION OF COMPLIANCE WITH LOS ANGELES COUNTY LOBBYIST ORDINANCE

This is to certify that I, as permit applicant, for the project located at _____ CA _____
LOCATION ADDRESS

am familiar with the requirements of Los Angeles County Code Chapter 2.160 et seq., (relating to the Los Angeles County Lobbyist Ordinance) and that all persons acting on behalf of myself have complied and will continue to comply therewith through the application process.

_____ _____
APPLICANT (PRINT NAME) APPLICANT SIGNATURE

_____ _____
COMPANY NAME (if employed by an entity/agency) DATE


CALIFORNIA DRIVER LICENSE

DL C4420501

CLASS C
END NONE

EXP 10/01/2019

LN JONES

FN KATRINA DELLA

3515 BEACHWOOD DR
BURBANK, CA 91506

DOB 10/01/1957

RSTR CORR LENS

10011957

SEX F HAIR BLK EYES BRN
HGT 5'-05" WGT 165 lb

Katrina Jones
7/24/18

I authorize Anna Sudin to use these checks to pay Industrial Waste Disposal Permit fee
① Change of Ownership
② Non-use Permit

City of Monterey Park
320 W. Newmark Avenue
Monterey Park, CA 91754
(626) 307-1308

Monterey Park 15
320 W. Newmark Ave
(626)307-1340 / 86893
07/02/2018 15:40:16.000
Validation Receipt

Number 66699
Date 07/02/2018
Submitted 07/02/2018
TAG CASHIER

Fire Invoice

CHARGES-
0010701C010068SC $ 752.20
1977 SATURN ST

Sub total $752.20

PAYMENT-
Check $ 752.20
8771

Change $0.00

RECORD & PAYER INFORMATION

Record ID:	FA18-00205
Record Type:	Industrial Waste Permit
Application Name:	1977 SATURN STREET
Property Information	1977 SATURN ST 5265026054
Description of Work:	1977 SATURN STREET NON-USE PERMIT AND CHANGE OF OWNERSHIP
Applicant:	299 No. Euclid Ave. Pasadena, CA 91101

FEE DETAIL

Fee Description	Fee Amount
0010-701-0010-C5850	$752.20
	$752.20

Print Date: 07/02/2018

FIRE DEPT. COPY

Monterey Park
320 W. NEWMARK AVENUE
MONTEREY PARK, CA 91754
(626) 307-1308

Number: **66565**
Date: **07/02/2018**
Submitted: 07/02/2018

Fire Receipt

RECORD INFORMATION

Record ID: FA18-C0206

Record Type: ndustrial Waste Permit

Application Name: 1977 SATURN STREET

Property Address: 1977 SATURN ST, MONTEREY PARK, CA 91755
5265026054

Description of Work: 1977 SATURN STREET NON-USE PERMIT AND CHANGE OF OWNERSHIP

Applicant:
BRE CA Office Owner LLC
299 No. Euclid Ave.
Pasadena, CA 91101

Contractor: License No:

FEE DETAIL

Fee Description	Invoice #	Fee Amount	Current Paid
Industrial Waste Admin 17.9%	66899	$114.20	$114.20
Industrial Waste Deposit	66899	$638.00	$638.00
		$752.20	**$752.20**

INDUSTRIAL WASTE DISPOSAL PERMIT
OPERATING PERMIT-LOCAL SEWER

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
P. O. BOX 1460
ALHAMBRA, CA 91802-1460 TEL: (626) 458-3517

PERMIT NO: 000895772
EFFECTIVE DATE: 07/03/18
EXPIRATION DATE:

PERMISSION IS HEREBY GRANTED TO:

1977 SATURN STREET 299 NO. EUCLID AVENUE PASADENA, CA 91101	<< CERTIFICATE HOLDER	CC6994 065372 3P 1977 SATURN ST KATRINA JONES, GENERAL MANAGER (818) 334-2241	<<<<< FILE NUMBER/AREA <<<<< FACILITY ADDRESS <<<<< PRIMARY CONTACT <<<<< CONTACT PHONE

TO TREAT/STORE/DISPOSE INDUSTRIAL WASTE MATERIALS LOCATED AT THE FACILITY INDICATED ABOVE, UNDER THE SANITARY SEWER AND INDUSTRIAL WASTE ORDINANCE FOR:

CITY OF MONTEREY PARK LOCAL ORDINANCE/CSDLAC EXEMPT	<<<<< AREA/CITY <<<<< JURISDICTION	TITLE 14, CHAPTER 14.04 OPEN FACILITY, NOT USED	<<<<< ORDINANCE/MUN CODE <<<<< INDUSTRY

THE INDUSTRIAL WASTE OPERATIONS REGULATED BY THIS PERMIT CONSIST OF THE FOLLOWING:
DISCHARGE TIME: FROM 12.30.00 TO 12.00.00 DISCHARGE DAYS: MON-SUN
FACILITY: >1250 GAL, 3 COMP, PRECAST
SPEC INFO: 1500 GALLON CAPACITY GREASE INTERCEPTOR

THIS CERTIFICATE IS SUBJECT TO THE FOLLOWING CONDITIONS:

A1 COND & LIM, PUBLIC SEWER
B1 WASTES NOT AUTHORIZED, PUBLIC SEWER AND ON-SITE
C6 GENERAL CONDITIONS, NON-USE (CONTD)
A2 COND & LIM, SEWER NON-USE (CONTD)
C8 GENERAL CONDITIONS, NON-USE

THE PLANS APPROVED IN CONJUNCTION WITH THIS PERMIT AND ANY PLANS REFERENCED HEREIN ARE MADE PART OF THIS PERMIT. THE INDUSTRIAL WASTE CONTROL ENGINEERING INSPECTOR IN YOUR AREA WILL EXPLAIN THE PERMIT CONDITIONS, AND MAKE PERIODIC INSPECTIONS OF YOUR OPERATIONS. THIS PERMIT IS SUBJECT TO ANNUAL INDUSTRIAL WASTE INSPECTION FEES.

MARK PESTRELLA
DIRECTOR OF PUBLIC WORKS

BY: _____ DATE OF ISSUANCE: 07/03/18 38-CCS DPW 12/86
ENVIRONMENTAL PROGRAMS DIVISION

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
P. O. BOX 1460
ALHAMBRA, CA 91802-1460 TEL: (626) 458-3517

INDUSTRIAL WASTE DISPOSAL PERMIT

PERMIT NO: 000895772
EFFECTIVE DATE: 07/03/18
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PERMISSION IS HEREBY GRANTED TO:

1977 SATURN STREET 299 NO. EUCLID AVENUE PASADENA, CA 91101	<< CERTIFICATE HOLDER	CC6994 065372 3P 1977 SATURN ST KATRINA JONES, GENERAL MANAGER (818) 334-2241	<<<<< FILE NUMBER/AREA <<<<< FACILITY ADDRESS <<<<< PRIMARY CONTACT <<<<< CONTACT PHONE

TO TREAT/STORE/DISPOSE INDUSTRIAL WASTE MATERIALS LOCATED AT THE FACILITY INDICATED ABOVE, UNDER THE SANITARY SEWER AND INDUSTRIAL WASTE ORDINANCE FOR:

CITY OF MONTEREY PARK LOCAL ORDINANCE/CSDLAC EXEMPT	<<<<< AREA/CITY <<<<< JURISDICTION	TITLE 14, CHAPTER 14.04 OPEN FACILITY, NOT USED	<<<<< ORDINANCE/MUN CODE <<<<< INDUSTRY

POST THIS AT YOUR LOCATION

PERMIT/CERTIFICATE

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

A1

Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802–1460

INDUSTRIAL WASTE DISPOSAL PERMIT CONDITIONS AND LIMITATIONS

PART A: ON-SITE DISPOSAL – PUBLIC SEWER

1. Disposal of industrial wastewater to the public sanitary sewer shall be limited to the flow indicated on the industrial waste disposal permit.

2. Pretreatment, monitoring and control facilities required under this permit shall consist of the system(s) indicated on the approved plans.

3. Industrial Wastewater shall at all times meet the effluent quality, indicated on the attached Part D, if applicable prior to discharge to the sanitary sewer system.

4. If applicable, the permittee shall submit periodic compliance reports, as indicated on the attached Part E and/or any self-monitoring or industrial wastewater treatment surcharge reports which may be required by the County Sanitation Districts of Los Angeles County. **Note: Self-monitoring reports required by the Sanitation Districts are to be submitted directly to the Sanitation Districts.**

5. All required industrial wastewater collection, pretreatment, monitoring, disposal and sampling facilities must be installed in accordance with approved plans prior to initiating any discharge to the sewer.

6. Dilution prohibited as substitute for treatment. Except where expressly authorized to do so by an applicable Pretreatment Standard or Requirement, no Industrial User shall ever increase the use of process water, or in any other way attempt to dilute a Discharge as a partial or complete substitute for adequate treatment to achieve compliance with a Pretreatment Standard or Requirement. The Control Authority may impose mass limitations on Industrial Users which are using dilution to meet applicable Pretreatment Standards or Requirements, or in other cases where the imposition of mass limitations is appropriate. 40 CFR 403.6(d)

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
INDUSTRIAL WASTE DISPOSAL PERMIT

AP

PART A: ON-SITE DISPOSAL - PUBLIC SEWER (CONTINUED)

6. Discharge of any toxic, flammable, explosive, corrosive, radioactive or non-biodegradable substance to the sewer is prohibited except as provided in **Part A.3** above.

7. Discharge of uncontaminated cooling water, groundwater, storm water or surface drainage water to the sanitary sewer is prohibited except as specifically authorized by this permit.

8. Discharge of industrial wastewater to the sanitary sewer with temperatures exceeding 140° F is prohibited.

9. Other: **PRIOR TO INITIATING ANY DISCHARGE TO THE SANITARY SEWER, THE APPLICANT SHALL SUBMIT A NEW APPLICATION FOR AN INDUSTRIAL WASTE DISPOSAL PERMIT (IWDP) AND SHALL SECURE SUCH IWDP. ALL PRETREATMENT SYSTEMS SHALL BE MAINTAINED IN A DRY AND SANITARY CONDITION AT ALL TIMES.**

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
INDUSTRIAL WASTE DISPOSAL PERMIT

B1

PART B: WASTES NOT AUTHORIZED FOR DISCHARGE OR DEPOSIT IN PART A

1. Industrial wastes not specifically authorized for on-site pretreatment, storage, deposit, discharge or disposal in Part A of this permit shall be stored in leakproof containers within an area designated on plans approved by the Department of Public Works pending transport to a legal point of disposal.

2. The Permittee shall determine if industrial wastes stored pursuant to Part B.1 above are hazardous wastes as defined in the California Health and Safety Code, Chapter 6.5 and as determined by California Administrative Code, Title 22, Division 4, Chapter 30 and shall manage such wastes as prescribed therein.

3. Hazardous wastes shall only be removed from the premises under a Uniform Hazardous Waste Manifest unless a variance from such documentation has been granted by the California EPA Department of Toxic Substances Control (Cal EPA). Generator copies of the Uniform Hazardous Waste Manifest shall be maintained by the Permittee for not less than three years or as directed by Cal EPA.

4. The Permittee shall maintain records of the sources, quantity, name and address of hauler, date hauled, and point of legal disposal for nonhazardous industrial wastes and wastes granted a Cal EPA variance as described in Part B.3 above. Such records shall be kept a minimum of three years. A legal point of disposal is defined as one for which waste discharge requirements have been prescribed by a California Regional Water Quality Control Board and which is in full compliance therewith or a facility authorized to receive such wastes by the jurisdiction(s) regulating the facility and is in full compliance with all permits, regulations and requirements.

5. Discharge of industrial wastewater to a channel, stormdrain, stream, river, lake, ocean or other surface waters is prohibited unless authorized by a National Pollutant Discharge Elimination System (NPDES) permit issued by a California Regional Water Quality Control Board or the U.S. Environmental Protection Agency (EPA).

6. The Permittee shall immediately notify the County of Los Angeles Department of Public Works (LACDPW) at (626) 458-3517 and the Publicly Owned Treatment Works (POTW) of all discharges that could cause problems to the POTW including slug loading, spills, bypasses, upsets, etc. A follow-up written notification describing the discharge is required to be submitted within 5 days of the incident.

7. The Permittee shall conform to the discharge prohibitions outlined in 40CFR 403.5 (a) (1) and 40CFR 403.5 (b).

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
INDUSTRIAL WASTE DISPOSAL PERMIT

C5

PART C: GENERAL CONDITIONS AND LIMITATIONS, NON-USE

1. The owner or operator of an existing industrial waste pretreatment facility who desires to maintain the facility for future reuse shall submit to the County of Los Angeles, Department of Public Works (DPW), Environmental Programs Division an application for revised Industrial Waste Disposal permit and fee pursuant to the Los Angeles County Code, Title 20, or appropriate City Code/Ordinance.

2. This application for maintain only with zero discharge is applicable to only pretreatment facilities which meet current County standards/Policies. Any pretreatment facility not in use which does not meet current County Standards/Policies must be formally closed.

3. All accumulated industrial and hazardous wastes shall be removed from the pretreatment facility to a legal point of disposal.

4. Furnish DPW with evidence of legal disposal for all wastes removed for disposal in the form of completed hazardous waste manifests or other appropriate documents.

5. Outlets associated with the pretreatment facility and which are the last open connection shall have a water tight plug or equivalent approved device installed.

6. All inlets and plumbing receptors (floor sink, floor drains, trenches, etc.) associated with and/or tributary to a pretreatment facility shall have a water tight plug or equivalent approved device installed.

7. Any severing, capping, or plugging of outlet and inlet discharge lines shall be carried out such that all applicable plumbing code regulations are complied with.

8. Any rain diversion devices shall be removed and all operations tributary to a rain diversion system shall cease.

PART C: GENERAL CONDITIONS AND LIMITATIONS, NON-USE (CONTINUED)

9. An adequate treatment system subject to this office's approval shall be installed for any discharge tributary a storm drain system.

10. Upon completion of Item Nos. 2-9 above, an inspection shall be scheduled with a DPW Waste Control Engineering Inspector. Copies of any documentation pertaining to Items 3 and 7 shall be made available to the Inspector at the time of inspection.

11. Compliance with Items 2-10 shall take place within 90 days of the issue date of this permit.

12. Pretreatment facilities capped for future use shall be kept free of dirt, debris, water, wastewater, explosive or toxic gases, and shall not be used for the temporary or permanent storage of any materials without authorization by DPW.

13. The permittee shall inform DPW in writing within five days of any change in facts required to be stated on the application for a permit.

14. The permittee shall obtain approval from DPW prior to effecting any of the following waste discharge conditions:

    A. Change in method of disposal;
    B. Change in disposal point;
    C. Change in discharge volume effecting treatment or storage facilities; or
    D. Change in character of the waste discharge.

15. Prior to this office permitting a pretreatment facility to be reactivated said facility must conform to current County Standards/Policies.

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
INDUSTRIAL WASTE PROGRAM

Name Change Form

NOTICE OF VIOLATION ORDER TO COMPLY

Date 04-09-19 Permit 853772

Owner/Operator JESUS ARNOLD Site # 006917 - 06531 065312

Site Name 1977 SATURN AVE Violation # 919410

Site Address 1977 SATURN AVE City, Zip MONTEREY PARK CA. 91754

Mailing Address 2549 N. EUCLID AVE SUITE 125 City, Zip PASADENA 91101

[X] You are hereby directed to correct the following violation(s) of: [X] Los Angeles County Code (LACC), Title 20, Utilities, Division 2, Sanitary Sewers and Industrial Waste and/or conditions and limitations of Industrial Waste Disposal Permit No. 853772

[X] City of MONTEREY PARK Municipal Code/Ordinance 14.09

[ ] Your attention is directed to your noncompliance with the Notice(s) dated _____
Violation No(s) V _____

Violation/Instructions:

[X] Excessive oil/grease/solids and/or prohibited substances in the Industrial Waste Treatment Facility (IWTF). §20.36.010, §20.36.140, §20.36.400, §20.36.402, §20.36.404, §20.36.410, §20.36.420, §20.36.430, §20.36.440, §20.36.450, §20.36.475, §20.36.610

[ ] Rain Diversion System shall be repaired and maintained in good operating condition at all times. §20.36.140, §20.36.390, §20.36.400, §20.36.610

[ ] Immediately cease the illicit discharge of waste material(s). §20.36.010, §20.36.140, §20.36.180, §20.36.400, §20.36.402, §20.36.404, §20.36.410, §20.36.420, §20.36.440, §20.36.450, §20.36.470, §20.36.475, §20.36.610

[ ] IWTF not built according to plans approved by this office. §20.36.040, §20.36.050, §20.36.140, §20.36.350, §20.36.390, §20.36.560, §20.36.570

[ ] Denied access to inspector or failed to make IWTF accessible for inspection. §20.36.140, §20.36.560, §20.36.620, §20.36.630

[ ] You must submit a letter to this office outlining the steps that will correct the improper disposal of industrial waste and/or wastewater. §20.36.140, §20.36.150

[ ] You are required to maintain the IWTF in proper working condition at all times. §20.36.010, §20.36.140, §20.36.400, §20.36.404, §20.36.420, §20.36.430, §20.36.450, §20.36.475, §20.36.610

[X] You must provide a copy of the most recent pumping record/manifest of the IWTF. §20.36.070, §20.36.140, §20.36.150

Submit requested items to the office below, or fax/email to: (323) 726-4056 / LWARRANDE@dpw.lacounty.gov

YOU ARE FURTHER DIRECTED to have the above violations corrected by 04-24-19 unless otherwise directed above. [ ] Telephone the office shown below for a return inspection.

If you have any questions regarding this matter, please contact: LARREN LARRANDE

[X] Monday through Friday, 6 a.m. to 9:30 a.m. or [ ] Monday through Thursday 7 a.m. to 5:30 p.m. (323) 890-7031

Issued By: LARREN LARRANDE
Print Name

Receipt of a copy of this report acknowledged by:

Print Name: GUSTAVO GUZMAN Title: ENGINEER

Signature: [signature] Date: 4/9/19

19-0082 (REV 10/18)

ITEMS CORRESPONDING TO SCHEDULE B-II

9. An easement for public utility purposes and incidental purposes, recorded April 15, 1971 as Book D5027, Page 781 of Official Records.

   In Favor of: Pacific telephone and Telegraph company, a corporation
   Affects: as described therein

   (Affects Parcel 1)
   THIS ITEM IS NOT ON THE SURVEYED PROPERTY.

10. An easement for public utility purposes and incidental purposes, recorded February 27, 1972 as Book D5357, Page 664 and December 22, 1976 in Book D7365, Page 71 of Official Records.

(10) In Favor of: Southern California Edison Company, a corporation
   Affects: as described therein

   (Affects Parcel 1)
   THIS ITEM IS PLOTTED AND SHOWN HEREON. THE SECOND DOCUMENT DOES NOT REFER TO THE SURVEYED PROPERTY.

11. An easement for pole lines, public utility purposes and incidental purposes, recorded January 16, 1951 as Book 35326, Page 49 of Official Records.

(11) In Favor of: Southern California Edison Company, a corporation
   Affects: as described therein

   (Affects Parcel 1)
   THIS ITEM IS PLOTTED AND SHOWN HEREON.

12. An easement for water line and incidental purposes in the document recorded March 29, 1954 as Book 44185, Page 409 of Official Records.

(12) (Affects Parcel 2)
   THIS ITEM IS PLOTTED AND SHOWN HEREON.

13. An easement for sanitary sewer and incidental purposes in the document recorded May 24, 1960 as Instrument No. 3579 in Book D856, Page 552 of Official Records.

(13) (Affects Parcel 2)
   THIS ITEM IS PLOTTED AND SHOWN HEREON.

14. An easement shown or dedicated on the map of Tract No. 31125 recorded May 27, 1971 and on file in Book 807, Page 51-52, of Tract Maps.

(14) For: Public utility, sidewalk, planting and incidental purposes.

   (Affects Parcel 1)
   THIS ITEM IS PLOTTED AND SHOWN HEREON.

15. The terms and provisions contained in the document entitled "Agreement" recorded July 06, 1971 as Instrument No. 1762 of Official Records.

   (Affects Parcel 1)
   THIS ITEM REFERS TO THE SURVEYED PROPERTY BUT CONTAINS NO PLOTTABLE SURVEY ITEMS.

16. The terms and provisions contained in the document entitled "Agreement" recorded September 27,1971 as Instrument No. 2940 of Official Records.

   (Affects Parcel 1)
   THIS ITEM REFERS TO THE SURVEYED PROPERTY BUT CONTAINS NO PLOTTABLE SURVEY ITEMS.

17. Covenants, conditions, restrictions and easements in the document recorded February 15, 1972 as Instrument No. 4190 in Book M3983, Page 234 of Official Records, but deleting any covenant, condition, or restriction indicating a preference, limitation or discrimination based on race, color, religion, sex, sexual orientation, familial status, disability, handicap, national origin, genetic information, gender, gender identity, gender expression, source of income (as defined in California Government Code § 12955(p)) or ancestry, to the extent such covenants, conditions or restrictions violation 42 U.S.C. § 3604(c) or California Government Code § 12955. Lawful restrictions under state and federal law on the age of occupants in senior housing or housing for older persons shall not be construed as restrictions based on familial status.

   Document(s) declaring modifications thereof recorded July 16, 1979 as Instrument No. 79-771035 of Official Records.

   (Affects Parcel 2)
   THIS ITEM REFERS TO THE SURVEYED PROPERTY BUT CONTAINS NO PLOTTABLE SURVEY ITEMS.

18. An easement for cables and conduits and incidental purposes in the document recorded October 14, 1977 as Instrument No. 77-1142595 of Official Records.

(18) (Affects Parcel 1)
   THIS ITEM IS PLOTTED AND SHOWN HEREON.

19. An easement shown or dedicated on the map of Tract No. 33910 recorded January 25, 1979 and on file in Book 909, Page 76 to 79, of Tract Maps.

(19) For: Public utility, sidewalk, planting and incidental purposes.

   (Affects Parcel 2)
   THIS ITEM IS PLOTTED AND SHOWN HEREON.

20. An easement for public utilities and incidental purposes, recorded April 24, 1979 as Instrument No. 79-437351 of Official Records.

(20) In Favor of: The Pacific Telephone and Telegraph Company
   Affects: Parcel 2, as described therein
   THIS ITEM IS PLOTTED AND SHOWN HEREON.

21. The terms and provisions contained in the document entitled "Notice of Addition of Territory" recorded July 16, 1979 as Instrument No. 79-771035 of Official Records.

   (Affects Parcel 2)
   THIS ITEM REFERS TO THE SURVEYED PROPERTY BUT CONTAINS NO PLOTTABLE SURVEY ITEMS.

23. The terms and provisions contained in the document entitled "Resolution 8329" recorded November 30, 1979 as Instrument No. 79-1352258 of Official Records.

(23) (Affects Parcel 2)
   THIS ITEM IS PLOTTED AND SHOWN HEREON.

24. An agreement or covenant to hold land as one parcel recorded December 04, 1979 as Instrument No. 79-1362216 of Official Records.

   (Affects Both Parcels)
   THIS ITEM REFERS TO THE SURVEYED PROPERTY BUT CONTAINS NO PLOTTABLE SURVEY ITEMS.

25. The Terms, Provisions and Easement(s) contained in the document entitled "Road Easement" recorded February 13, 1980 as Instrument No. 80-149582 of Official Records.

(25) (Affects Both Parcels)
   THIS ITEM IS PLOTTED AND SHOWN HEREON.

26. An easement for storm drain and water facilities and incidental purposes in the document recorded June 25, 1980 as Instrument No. 80-613397 of Official Records.

(26) (Affects Both Parcels)
   THIS ITEM IS PLOTTED AND SHOWN HEREON; HOWEVER, THE DEPICTION IS LARGELY ILLEGIBLE, THEREFORE THE INTENDED LOCATION MAY BE DIFFERENT FROM WHAT IS SHOWN HEREON. WIDTH VARIES

32. An easement shown or dedicated on the map of Tract No. 29809 recorded February 24, 1971 and on file in Book 804, Page 80, of Tract Maps.

   For: Public utility, sidewalk and planting and incidental purposes.

   (Affects Both Parcels)
   THIS ITEM IS NOT ON THE SURVEYED PROPERTY.

33. An easement for underground electrical supply systems and communication systems and incidental purposes, recorded May 5, 1972 as Instrument No. 3135 in Book T7551, Page 88 of Official Records.

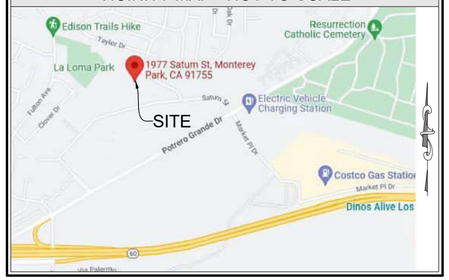
   In Favor of: Southern California Edison Company, a corporation, and their successors and assigns
   Affects: as described therein

   (Affects Both Parcels)

   Said offer of dedication was not accepted (or was rejected)

   (Affects Parcel 2)
   THIS ITEM IS NOT ON THE SURVEYED PROPERTY.

VICINITY MAP - NOT TO SCALE



MISCELLANEOUS NOTES

SURVEY PERFORMED BY:
BOCK & CLARK CORPORATION, AN NV5 COMPANY
2525 NATOMAS PARK DRIVE STE 350
SACRAMENTO, CA 95833
PHONE: 800-787-8397, EMAIL: maywehelpyou@bockandclark.com

(MN1) THIS SURVEY IS NOT INTENDED FOR CONSTRUCTION OR DESIGN PURPOSES.

(MN2) SOME FEATURES SHOWN ON THIS PLAT MAY BE SHOWN OUT OF SCALE FOR CLARITY. ALL DIMENSIONS SHOWN ARE IN FEET AND DECIMALS THEREOF.

(MN3) BEARINGS SHOWN HEREON ARE BASED ON THE CENTERLINE OF SATURN STREET, LOS ANGELES COUNTY, CALIFORNIA, SHOWN ON MB 909-76, HAVING A BEARING OF N84°14'38"E.

(MN4) AT THE TIME OF SURVEY, THERE WAS NO OBSERVABLE EVIDENCE OF EARTH MOVING WORK, BUILDING CONSTRUCTION, BUILDING ADDITIONS.

(MN5) AT THE TIME OF SURVEY, NO INFORMATION REGARDING CHANGES IN STREET RIGHT OF WAY LINES WAS MADE AVAILABLE TO THE SURVEYOR FROM THE CONTROLLING JURISDICTION, NOR WAS THERE OBSERVABLE EVIDENCE OF STREET OR SIDEWALK REPAIRS.

(MN6) AT THE TIME OF SURVEY, THERE WAS NO OBSERVABLE EVIDENCE OF SITE USE AS A BURIAL GROUND OR CEMETERY, NOR ANY SUBSTANTIAL AREAS OF REFUSE.

(MN7) SURVEYOR IS NOT LIABLE FOR UTILITIES OBSTRUCTED OR COVERED FROM VIEW. THE LOCATION OF UTILITIES SHOWN HEREON IS FROM OBSERVED SURFACE AND ABOVE GROUND APPURTENANCES IN ORDER TO DEPICT UNDERGROUND UTILITIES, IF POSSIBLE. UTILITY PLANS OR GROUND MARKINGS WERE NOT ABLE TO BE OBTAINED FOR THIS SURVEY

(MN8) ONLY SURFACE AND ABOVE GROUND STRUCTURES WERE LOCATED. NO UNDERGROUND IMPROVEMENTS, SUCH AS FOUNDATION FOOTINGS, WERE LOCATED.

(MN9) THE SURVEYED PROPERTY CONTAINS AN AREA OF 16.026 ACRES (698,100 SQUARE FEET), MORE OR LESS.

(MN10) THE SURVEYED PROPERTY CREATES A MATHEMATICALLY CLOSED FIGURE, WITH NO GAPS, GORES, OVERLAPS OR HIATUS INHERENT TO THE SURVEYED PROPERTY BASED ON THE FIELD SURVEY PERFORMED AND THE TITLE COMMITMENTS PROVIDED. ALL PARCELS OF THE SURVEYED PROPERTY AS DESCRIBED HEREON ARE CONTIGUOUS.

(MN11) THERE ARE 818 STRIPED REGULAR PARKING SPACES AND 15 STRIPED HANDICAPPED PARKING SPACES FOR A TOTAL OF 833 STRIPED PARKING SPACES ON THE SURVEYED PROPERTY. THERE ARE ALSO 3 DOCK HEIGHT SPACES ON THE SURVEYED PROPERTY.

(MN12) THE SUBJECT PROPERTY HAS DIRECT ACCESS TO AND FROM SATURN STREET , BEING A VARIABLE WIDTH DEDICATED AND ACCEPTED PUBLIC RIGHT OF WAY, AS SHOWN HEREON.

(MN13) AN ADDRESS OF 1977 SATURN STREET WAS POSTED ON THE SURVEYED PROPERTY.

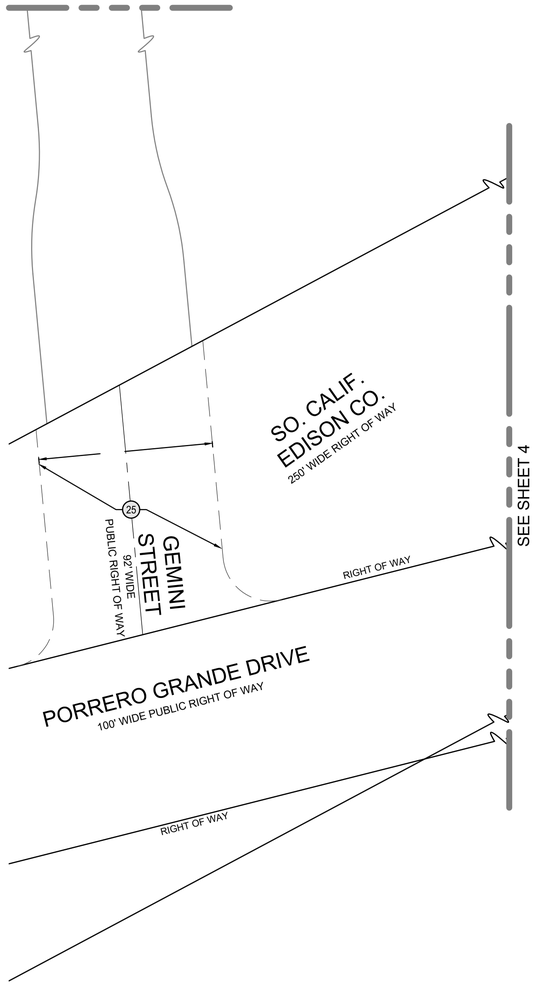
(MN14) ADJOINING OWNERSHIP INFORMATION SHOWN HEREON WAS OBTAINED FROM AVAILABLE PUBLIC RECORDS.

(MN15) FENCE OWNERSHIP, IF ANY, WAS NOT DETERMINED UNDER THE SCOPE OF THIS SURVEY.

(MN16) BUILDING SQUARE FOOTAGE WAS CALCULATED FROM THE OBSERVED APPARENT FOOTPRINT OF EACH BUILDING AT GROUND LEVEL.

(MN17) NO DIVISION OR PARTY WALLS WERE DESIGNATED BY THE CLIENT OR LOCATED BY SURVEYOR WITH RESPECT TO ADJOINING PROPERTIES

(MN18)



LEGEND OF SYMBOLS & ABBREVIATIONS

LIGHT POLE	UNKNOWN VAULT	HANDICAPPED PARKING	
ELECTRIC METER	UNKNOWN MANHOLE	CONCRETE	
ELECTRIC VAULT	WATER VALVE	NO PARKING	
TRANSFORMER	FIRE HYDRANT	SNF	SEARCHED, NOT FOUND
STORM DRAIN MANHOLE	BACKFLOW PREVENTER	N/F	NOW OR FORMERLY
STORM DRAIN INLET	WATER METER	BSL	BUILDING SETBACK LINE
GAS METER	FIRE DEPT CONNECTION	EP	EDGE OF PAVEMENT
SEWER MANHOLE	LINE BREAK		MONUMENT FOUND AS NOTED
		R1	PARCEL MAP 80-45
		R2	TRACT MAP 909-76
		R3	PARCEL MAP 173-43
		R4	PARCEL MAP 352-70



SCALE : 1" = 40'

0' 20' 40' 80'

ZONING INFORMATION

THE SURVEYOR WAS NOT PROVIDED WITH ZONING INFORMATION BY THE CLIENT PURSUANT TO TABLE A ITEM 6a & 6b.

FLOOD NOTE

BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS IN ZONE X OF THE FLOOD INSURANCE RATE MAP, CURRENT FLOOD ZONE MAP NUMBER 06037C1665F, WHICH BEARS AN EFFECTIVE DATE OF SEPTEMBER 26, 2008 AND IS NOT IN A SPECIAL FLOOD HAZARD AREA AS SHOWN ON THE FEMA WEBSITE (HTTP://MSC.FEMA.GOV), BY FIRMETTE CREATED ON FEBRUARY 25, 2022. NO FIELD SURVEYING WAS PERFORMED TO DETERMINE THIS ZONE.

PROJECT REVISION RECORD

DATE	DESCRIPTION	DATE	DESCRIPTION
03/01/2022	EMAILED FOR B & C REVIEW	-	-
03/04/2022	REVISED PER B & C COMMENTS	-	-
04/15/2022	REVISED PER UPDATED TITLE	-	-
-	-	-	-

SIGNIFICANT OBSERVATIONS

THE BUILDING RESIDES ACROSS THE EASEMENT DESCRIBED IN SCHEDULE B-II ITEM NO. 13.

LEGAL

THIS SURVEY WAS PREPARED FOR THE PURPOSE OF THIS REAL ESTATE TRANSACTION ONLY AND NO FURTHER PARTIES OTHER THAN THOSE CERTIFIED ABOVE SHALL RELY ON IT FOR ANY OTHER PURPOSE OR TRANSACTION

RECORD DESCRIPTION

The Land referred to herein below is situated in the City of Monterey Park, County of Los Angeles, State of California, and is described as follows:

PARCEL 1:
PARCEL 5 OF THE PARCEL MAP NO. 7972, IN THE CITY OF MONTEREY PARK, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP FILED IN BOOK 80 PAGES 45 AND 46 OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

ALSO EXCEPTING ALL OIL, GAS, HYDROCARBON SUBSTANCES RESERVED IN THE DEED RECORDED APRIL 8, 1977 AS INSTRUMENT NO. 77-354323, RECORDS OF LOS ANGELES COUNTY.

ALSO EXCEPTING ALL OIL, GAS, HYDROCARBON SUBSTANCES, AND ALL MINERALS OF EVERY KIND, NATURE AND DESCRIPTION BEING MORE THAN 500 FEET BELOW THE SURFACE OF THE REAL PROPERTY WITHOUT THE RIGHT OF ENTRY FOR ANY PURPOSE WHATSOEVER UPON, OVER OR INTO THE SURFACE OR 500 FEET OF THE SURFACE OF THE REAL PROPERTY, AS RESERVED BY LOWRY B. MCCASLIN AND PAULINE C. MCCASLIN, HUSBAND AND WIFE AND MCCASLIN PROPERTIES, A CALIFORNIA GENERAL PARTNERSHIP, BY DEED RECORDED DECEMBER 10, 1985 AS INSTRUMENT NO. 85-1456239, OFFICIAL RECORDS.

PARCEL 2:
LOTS 1, 2, 3 AND 16 OF TRACT NO. 33910, IN THE CITY OF MONTEREY PARK, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 909 PAGES 76 TO 79 INCLUSIVE OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

ALSO EXCEPTING ALL OIL, GAS, HYDROCARBON SUBSTANCES, AND ALL MINERALS OF EVERY KIND, NATURE AND DESCRIPTION BEING MORE THAN 500 FEET BELOW THE SURFACE OF THE REAL PROPERTY WITHOUT THE RIGHT OF ENTRY FOR ANY PURPOSE WHATSOEVER UPON, OVER OR INTO THE SURFACE OR 500 FEET OF THE SURFACE OF THE REAL PROPERTY, AS RESERVED BY LOWRY B. MCCASLIN AND PAULINE C. MCCASLIN, HUSBAND AND WIFE AND MCCASLIN PROPERTIES, A CALIFORNIA GENERAL PARTNERSHIP, BY DEED RECORDED DECEMBER 10, 1985 AS INSTRUMENT NO. 85-1456239, OFFICIAL RECORDS.

APN 5265-026-054

THE LANDS SURVEYED, SHOWN AND DESCRIBED HEREON ARE THE SAME LANDS AS DESCRIBED IN THE TITLE COMMITMENT PROVIDED BY FIRST AMERICAN TITLE INSURANCE COMPANY, COMMITMENT NO. NCS-1122343-LA2 DATED MARCH 23, 2022.

for
Monterey Park Project
NV5 Project No. 202200847, 001
1977 Saturn Street, Monterey Park, CA

BASED UPON TITLE COMMITMENT NO. NCS-1122343-LA2
OF FIRST AMERICAN TITLE INSURANCE COMPANY
BEARING AN EFFECTIVE DATE OF MARCH 23, 2022

Surveyor's Certification

To: First American Title Insurance Company and Bock & Clark Corporation, an NV5 Company:

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2021 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 2, 3, 4, 6a, 6b, 7a, 7b1, 7c, 8, 9, 10, 13, 14, 16, 17, and 19 of Table A thereof. The field work was completed on FEBRUARY 23, 2022.

LICENSED LAND SURVEYOR
JAYNE E. LEAVITT
NO. 8898
STATE OF CALIFORNIA

JAYNE E. LEAVITT
REGISTRATION NO. PLS 8898
IN THE STATE OF CALIFORNIA
DATE OF PLAT OR MAP: MARCH 01, 2022
DATE OF LAST REVISION: APRIL 15, 2022
NETWORK PROJECT NO. 202200847-001 RLS

THIS SURVEY IS CERTIFIED TO DATE OF FIELD SURVEY, NOT DATE OF SIGNATURE.
NOT VALID UNLESS SIGNED, DATED AND STAMPED WITH SURVEYOR'S SEAL

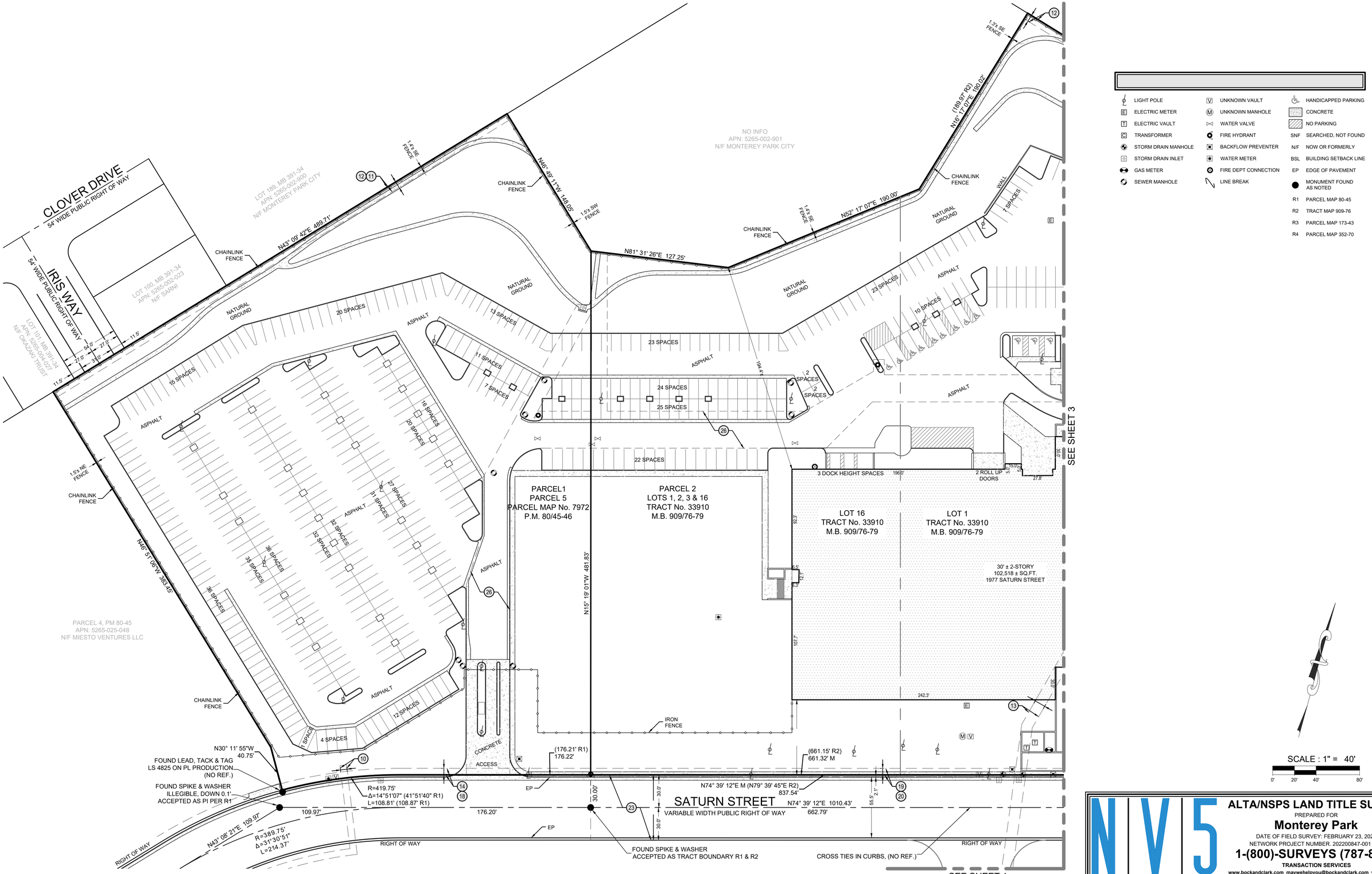
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Transaction Services **1-800-SURVEYS (787-8397)**
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CALIFORNIA BRANCH PROJECT NO. 5202201221

ALTA/NSPS LAND TITLE SURVEY



- LIGHT POLE
- ELECTRIC METER
- ELECTRIC VAULT
- TRANSFORMER
- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- GAS METER
- SEWER MANHOLE
- UNKNOWN VAULT
- UNKNOWN MANHOLE
- WATER VALVE
- FIRE HYDRANT
- BACKFLOW PREVENTER
- WATER METER
- FIRE DEPT CONNECTION
- LINE BREAK
- HANDICAPPED PARKING
- CONCRETE
- NO PARKING
- SNF SEARCHED, NOT FOUND
- N/F NOW OR FORMERLY
- BSL BUILDING SETBACK LINE
- EP EDGE OF PAVEMENT
- MONUMENT FOUND AS NOTED
- R1 PARCEL MAP 80-45
- R2 TRACT MAP 909-76
- R3 PARCEL MAP 173-43
- R4 PARCEL MAP 352-70

SCALE : 1" = 40'

0' 20' 40' 80'

SHEET 2 OF 4

NV5

ALTA/NSPS LAND TITLE SURVEY

PREPARED FOR

Monterey Park

DATE OF FIELD SURVEY: FEBRUARY 23, 2022

NETWORK PROJECT NUMBER. 202200847-001 RLS

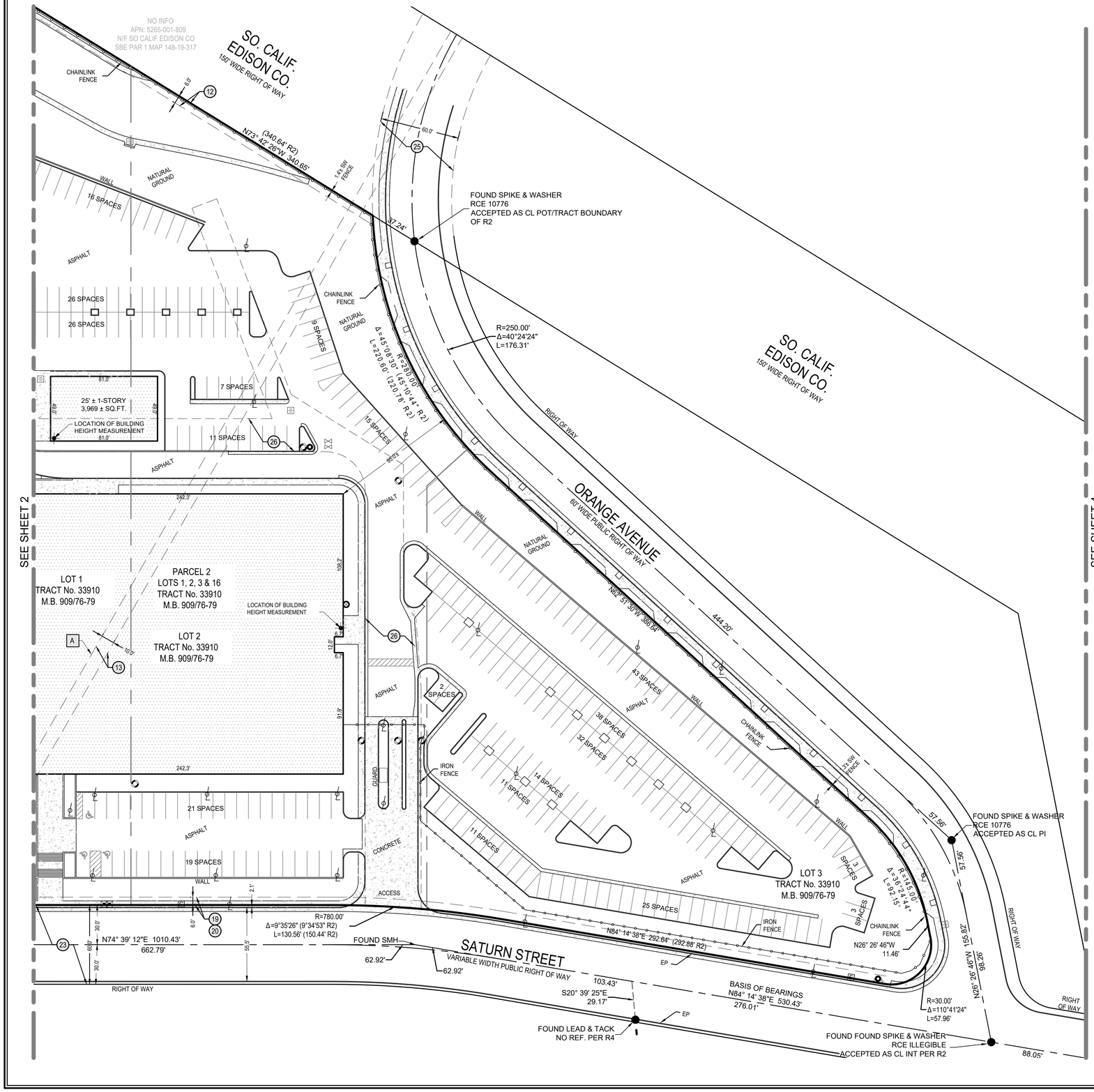
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LEGEND OF SYMBOLS & ABBREVIATIONS



LEGEND OF SYMBOLS & ABBREVIATIONS

LIGHT POLE	UNKNOWN VAULT	HANDICAPPED PARKING
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SHEET 3 OF 4

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SEE SHEET 3

FOUND FOUND SPIKE & WASHER
RCE ILLEGIBLE
ACCEPTED AS TRACT BOUNDARY PER R2

S84° 14' 38"W 385.38'

66.0'

25

SATURN STREET
VARIABLE WIDTH PUBLIC RIGHT OF WAY

R=300.00'
Δ=66°15'10"
L=346.90'

SO. CALIF.
EDISON CO.
250' WIDE RIGHT OF WAY

N29° 30' 11"W 77.07'

RIGHT OF WAY

PORRERO GRANDE DRIVE
100' WIDE PUBLIC RIGHT OF WAY

RIGHT OF WAY

RIGHT OF WAY

RIGHT OF WAY

SEE SHEET 1

LEGEND OF SYMBOLS & ABBREVIATIONS

LIGHT POLE	UNKNOWN VAULT	HANDICAPPED PARKING	
ELECTRIC METER	UNKNOWN MANHOLE	CONCRETE	
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R1 PARCEL MAP 80-45
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0' 20' 40' 80'

ALTA/NSPS LAND TITLE SURVEY

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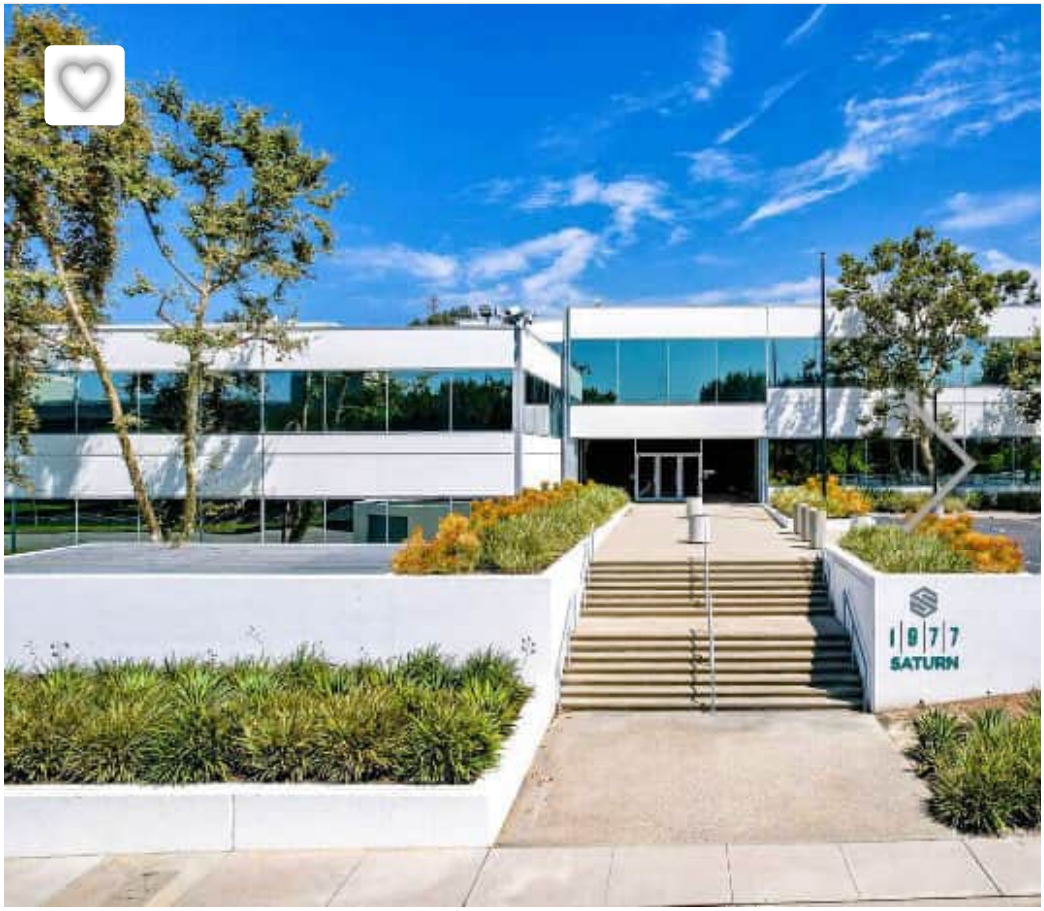
Veronica Yeung
vyeung13@gmail.com

Veronica Yeung
yeungveronicaschool@gmail.com

1 more account

1977 Saturn St
Monterey Park, CA 9175

Office Property For Sale



INVESTMENT HIGHLIGHTS

Campus Setting

Efficient floor plates with Central Artrium

Secure and gated parking

Great location just 6 miles from Downtown LA

located in a campus setting on 15.83 acres. The property has four efficient 50,000 square foot floor plates with a central Atrium,two dock high doors ,2 roll up doors and 3 diesel generators. It is located in Monterey Park CA., just 6 miles from Downtown Los Angeles CA.

PROPERTY FACTS

Sale Type	Owner User
Property Type	Office
Building Size	205,628 SF
Building Class	B
Year Built	1979
Percent Leased	Vacant
Tenancy	Multiple
Building Height	2 Stories
Typical Floor Size	102,814 SF
Slab To Slab	11’
Building FAR	0.30
Land Acres	15.83 AC
Zoning	O-P - Office Professional
Parking	250 Spaces (4.1 Spaces per 1,000 SF Leased)

AMENITIES

24 Hour Access	Bus Line	Food Service	Property Manager on Site

Parcel Number	5265-026-054	Improvements Assessment	$24,660,648
Land Assessment	$17,155,233	Total Assessment	$41,815,881

YOU MAY ALSO LIKE



625 N Grand Ave ...	3296 Guasti Rd - ...	10281 W Pico Blv...	24000 Avila Rd - ...
Price Upon Requ...	Auction Sale	Price Upon Requ...	Price Upon Requ...

Listing ID: 13424063 **Date Created:** 8/7/2018 **Last Updated:** 4/3/2023

Address: 1977 Saturn St, Monterey Park, CA

More public record information on 1977 Saturn St, Monterey Park, CA 91755

The Office Property at 1977 Saturn St, **Monterey Park**, CA **91755** is currently available For Sale. Contact Newmark for more information.

OFFICE PROPERTIES IN NEARBY NEIGHBORHOODS

Southeast Los Angeles Office Space

Downtown Los Angeles Office Space

Northeast Los Angeles Office Space

Pasadena Office Space

Mid-Cities Office Space

Downtown Los Angeles Office Space

Southeast Los Angeles Office Space

Echo Park Office Space

City West Office Space

MacArthur Park Office Space

Bellefontaine Office Space

Garvey Office Space

Hastings Ranch Office Space

NEARBY LISTINGS

5404 E Beverly Blvd, Los Angeles CA

1630 Potrero Grande Dr, Rosemead CA

330 E Las Tunas Dr, San Gabriel CA

103 N Garfield Ave, Alhambra CA

1819-1841 W Valley Blvd, Alhambra CA

8966-8968 Garvey Ave, Rosemead CA

2637 W Beverly Blvd, Montebello CA

4952 Huntington Dr S, Los Angeles CA

7422 Garvey Ave, Rosemead CA

108 N Ynez Ave, Monterey Park CA

43 E Valley Blvd, Alhambra CA

4985 Whittier Blvd, Los Angeles CA

100 W Beverly Blvd, Montebello CA

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1977 SATURN



MONTEREY PARK

TENANT & OWNER/USER OPPORTUNITY

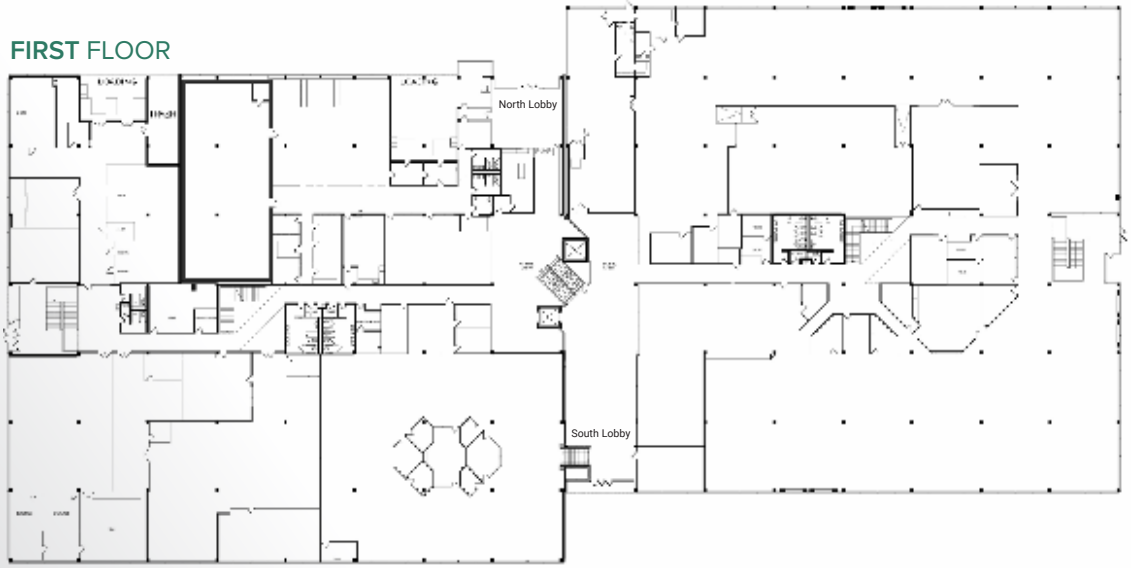
EQ Office

Newmark Knight Frank

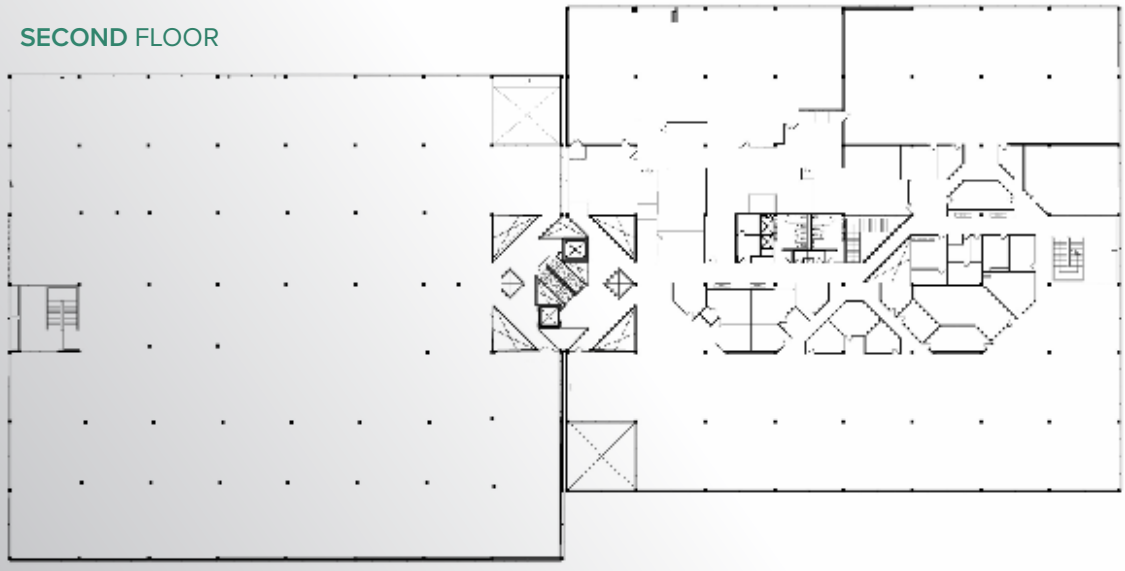


SALE PRICE	LEASE RATE	BUILDING SIZE	PARKING RATIO
$42,153,000.00 / $205 PSF	$1.60 NNN	205,628 SF (Divisible)	Up to 5/1,000

FIRST FLOOR



SECOND FLOOR







CAMPUS
setting

FULLY SECURE
and gated parking

EFFICIENT
Four (4) ±50,000 SF plates with central atrium

SIGNAGE
plus naming rights available

LOADING
docks (2) & roll up (2)

DIESEL
generators (3)

6-MILES
to Downtown Los Angeles

EASY ACCESS
to 60, 710 and 10 freeways





CONTACTS

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The broker for a purchaser of the property shall be entitled to receive a real estate commission only in the event that broker and the property's owner execute a written commission agreement, containing the manner of calculation of that commission and all conditions to its payment, and the satisfaction of those conditions. Absent a written agreement to the contrary between that broker and NKF, that broker shall not look to NKF for payment of such a commission or any other compensation.

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PHASE I ENVIROMENTAL SITE ASSESSMENT
1977 Saturn Street
Monterey Park, California

Prepared For:

EQ Office
299 North Euclid Avenue, Suite 425
Pasadena, California 91101

Prepared By:

Northgate Environmental Management, Inc.
92 Argonaut, Suite 100
Aliso Viejo, California 92656

March 31, 2022

Project No. 2112.15.01S

PHASE I ENVIRONMENTAL SITE ASSESSMENT

1977 Saturn Street
Monterey Park, California

March 31, 2022

Prepared For:

EQ Office
299 North Euclid Avenue, Suite 425
Pasadena, California 91101

Prepared By:

Northgate Environmental Management, Inc.
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Aliso Viejo, California 92656

Derrick S. Willis
Principal

Nicky G. Robinson, PE, QSD/P
Senior Engineer

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1 Site Vicinity Map
2 Site Plan

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APPENDICES

A EDR Environmental Lien and AUL Search Report
B The EDR Radius Map™ Report with GeoCheck®
C EDR Vapor Encroachment Screen
D The EDR Aerial Photo Decade Package
E Certified Sanborn® Map Report
F The EDR Historical Topographic Map Report
G The EDR-City Directory Abstract
H Site Reports and Documents
I Environmental Professional Qualifications

1.0 SUMMARY

This report presents the results of a Phase I Environmental Site Assessment (ESA) performed by Northgate Environmental Management, Inc. (Northgate) for EQ Office at 1977 Saturn Street in Monterey Park, California (the Site). The Site consists of one parcel totaling approximately 15.84-acres of land identified as Assessor's Parcel Number (APN) 5265-026-054 in Los Angeles County. The Site is developed with a two-story, split level commercial office building totaling approximately 205,628 square feet that was developed in1980 and is presently vacant but was last occupied by a Bank of the West office. A Site Vicinity Map is shown on Figure 1 and a Site Plan is shown on Figure 2.

Our review indicates that the Site historically consisted of primarily undeveloped land with a former oil and gas exploration well (abandoned in 1967) until 1980 when it was redeveloped. into the current configuration. The Site was not unencumbered as of March 2022 and is developed with a two-story, split level commercial office building in the central portion of the Site with surface parking lots surrounding the structure. The structure is presently vacant but has historically been occupied by Bank of the West since 1980; however, due to several acquisitions, the bank has been identified under several different business names that have included Lloyd's Bank from 1980 to 1986, Sanwa Bank from 1986 to 2001, United California Bank for in 2002, followed by the Bank of the West. Historic operations at the commercial office have been reported to have included a commercial kitchen with a grease interceptor and a small print shop and photo room were historically operated as part of the commercial office building with an industrial waste discharge permit to the sewer. A utility building was constructed to the north of the commercial office building in 1990 that primarily housed an emergency generator system.

Three underground storage tanks (USTs) have historically been operated at the Site that have supplied the emergency generator system. No dispensing operations have been reported for any of the USTs. Two 10,000-gallon single-walled fiberglass tanks containing diesel fuel were installed in 1980 and a 2,000-gallon steel double-walled fiberglass coated tank containing diesel was installed in 1991. The original piping associated with these tanks was reportedly removed in September 2006 and replaced with double walled piping. At the time of piping removal, soil samples were collected that reported low concentrations of diesel at 12 and 15 milligrams per kilogram (mg/kg). A limited subsurface investigation as conducted in 2007 that only reported low concentrations of total petroleum hydrocarbons as diesel (TPH-d) in two of five soil samples collected. TPH-d was reported in soil samples collected from the same location at depths of 14.5 to 15 feet below ground surface (bgs) at 658 mg/kg and at a depth of 17.5 to 18 feet bgs at a concentration of 238 mg/kg. It should be noted that concentrations were shown to attenuate with depth and are below the Regional Water Quality Control Board – Los Angeles Region

(RWQCB) Soil Screening Level of 1,000 mg/kg. An additional limited subsurface investigation conducted in 2014 by the Los Angeles County Department of Public Works (LACDPW) did not report concentrations of TPH-d or volatile organic compounds (VOCs) above the laboratory reporting limits in any of the 23 soil samples collected from four borings advanced to 40 feet bgs at the Site. A no further action letter was recommended and the LACDPW referred the Site to the RWQCB on April 27, 2020. The Site is currently identified as an inactive leaking underground storage tank (LUST) cleanup site as of February 11, 2022, that is under review by the RWQCB. Based on the data provided in the reports, it is Northgate's opinion that there is a reasonable expectation that the RWQCB may grant closure for the Site. The approximate locations of these historic USTs are shown on Figure 2.

In summary, Northgate has performed a Phase I ESA of the property located at 1977 Saturn Street in Monterey Park, California in conformance with the scope and limitations of ASTM Practice E 1527-13 and the standards and practices of the All Appropriate Inquiry – Final Rule (40 Code of Federal Regulations Part 312). Any exceptions to, or deletions from, these practices are described in Section 2.3 of this report. This assessment revealed the following Recognized Environmental Condition (REC) in connection with the property:

- Two 10,000-gallon and one 2,000-gallon diesel UST were historically present at the Site to supply an emergency generator system. Limited subsurface investigations were conducted in the vicinity of the USTs in 2007 and 2014. Low concentrations of TPH-d that were all below regulatory screening criteria were reported in 2007 and no VOCs or TPH-d were reported above laboratory reporting limits in the 2014 investigation. The tanks were removed from the Site in 2018 with soil and water samples collected at the time of removal from within the excavation cavity and below the former piping. Samples collected at the time of tank removal did not report concentrations of TPH-d above the laboratory method reporting limits within the tank excavation cavity and only low concentration of TPH-d were reported below regulatory screening criteria in samples beneath the former piping. However, it was noted that no soil sampling was conducted beneath the concrete pads below the UST. The Site is currently listed on the RWQCB GeoTracker website as an inactive LUST cleanup site as of February 11, 2022, related to these tanks pending review by the RWQCB. A closure report documenting the above referenced soil sampling dated December 7, 2018, was submitted to and received by the LACDPW in January 2019. The case was referred to the RWQCB on April 27, 2020, and is currently pending their review and response. In the absence of a closure/no further action (NFA) letter from the RWQCB and during this time of review, if redevelopment work is planned in this area, Northgate recommends contacting the RWQCB to ensure work is in compliance with their requirements. Based on the data provided in the reports, it is Northgate's opinion that there is a reasonable expectation that the RWQCB will grant a non-case determination for the Site. Typically, non-case determinations indicate

that the RWQCB will not open a case and will not require any further action, but will indicate that residual concentrations left in place may require management if subsurface activities are implemented, or evaluation if the land use changes from commercial to residential.

2.0 INTRODUCTION

This report presents the results of a Phase I ESA performed by Northgate at the property located at 1977 Saturn Street in Monterey Park, California. The Site consists of approximately 15.84 acres of land developed with a two-story, split level commercial office building totaling, surface parking lots, and associated landscape. The Site consists of one parcel identified as APN 5265-026-054 in Los Angeles County. A Site Vicinity Map is shown on Figure 1 and a Site Plan is shown on Figure 2.

2.1 Purpose

The purpose of Phase I ESA has been to identify and evaluate the presence of RECs at the Site. The term "RECs" means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment, and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

2.2 Scope of Services

Northgate has performed the ESA in general conformance with the scope and limitations of ASTM E-1527-13, *Standard Practices for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and 40 CFR Part 312, *Standards and Practices for All Appropriate Inquiry – Final Rule*. This investigation was performed by Nicky Robinson, Senior Engineer with assistance and review by Derrick Willis, Northgate Principal. The scope of work for the investigation included the following services:

- Review of readily available information regarding the history of the Site, including historic aerial photographs, maps, previous reports, and other information, and discussions with individuals familiar with the Site;
- Review of environmental lien documents obtained for the Site;
- A reconnaissance of the Site and near vicinity;
- Discussions with regulatory officials and review of regulatory agency publications and files, as applicable;

- Evaluation of RECs, development of conclusions and scope of work to evaluate potential on-Site contamination concerns; and
- Preparation of this report.

2.3 Limitations and Exceptions

2.3.1 Limitations

The purpose of an environmental assessment is to reasonably evaluate the potential for, or actual impact of, past practices on a given site area. In performing an environmental assessment, it is understood that a balance must be struck between a reasonable inquiry into the environmental issues and an exhaustive analysis of each conceivable issue of potential concern. No investigation is thorough enough to absolutely rule out the presence of hazardous materials at a given site. If hazardous conditions have not been identified during the assessment, such a finding should not be construed as a guarantee of the absence of such materials on the Site, but rather as the result of the services performed within the scope, limitations, and cost of the work performed.

Environmental conditions may exist at the Site that cannot be identified by visual observation. Where subsurface work was performed, our professional opinions are based in part on interpretation of data from discrete sampling locations that may not represent actual conditions at un-sampled locations.

Except where there is express concern of our client, or where specific environmental contaminants have been previously reported by others, naturally occurring toxic substances, potential environmental contaminants inside buildings, or contaminant concentrations that are not of current environmental concern may not be reflected in this document.

Where the scope of services is limited to interview and/or review of readily available reports and literature, any conclusions and/or recommendations are necessarily based largely on information supplied by others, the accuracy or sufficiency of which may not be independently reviewed by Northgate.

Any opinions and/or recommendations presented apply to Site conditions existing at the time of performance of services. We are unable to report on, or accurately predict, generally unforeseeable events that may impact the Site following performance of services, whether occurring naturally or caused by external forces. Therefore, we cannot assume responsibility for such events or their impact. We also cannot assume responsibility for changes in environmental standards, practices, or regulations.

2.3.2 Exceptions

The time intervals between some historical information sources may exceed five years due to the unavailability of such records. However, in our opinion, this data gap does not significantly impact our ability to evaluate historic land use conditions at the Site given the availability of other sources for this information.

At the time this report was prepared, the transformer storage area that contains transformers owned and operated by Southern California Edison could not be observed. However, in our opinion, this limitation does not impact any results or conclusions presented in this report. There were no other limiting conditions.

There were no other limiting conditions.

2.4 User Reliance

This report has been prepared for the exclusive use of EQ Office and their corporations, subsidiaries, affiliates, partnerships, and lenders in evaluating environmental conditions at the Site. Others may not use or rely on the information contained in this report without the express written consent of Northgate.

3.0 SITE DESCRIPTION

3.1 Site Location and Legal Description

The Site consists of 15.84 acres of land located at 1977 Saturn Street in the City of Monterey Park, California. The Site consists of one parcel identified as APN 5265-026-054 in Los Angeles. A Site Vicinity Map is shown on Figure 1 and a Site Plan is shown on Figure 2.

3.2 Site Vicinity General Characteristics

The Site is entirely developed with a two-story, split level commercial office building, surface parking lots, and associated landscape. The Site is located in an area of mixed residential and commercial development located north of Saturn Street and west of South Orange Avenue in Monterey Park, California. A closed landfill, the Operating Industries, Inc. Landfill Superfund site, is located approximately 0.38-miles southeast and south of the Site.

3.3 Geology and Groundwater

3.3.1 Geology

The Site is located in the northeastern portion of the Montebello Plain of the Los Angeles Basin, south of the Repetto and Merced Hills (CDWR, 1961). The area is underlain by Pleistocene-aged alluvial deposits consisting of unconsolidated gravel, sand, silt, and clay and consolidated sedimentary rocks of the San Pedro Formation (CET Environmental Services, 2011). Investigations at the Site indicated the lithology beneath the pea gravel associated with the former USTs included clayey sand from 8 to 12 feet bgs, sandy clay from 12 to 17 feet bgs, and sand from 17 to 18 feet bgs (BVNAI, 2007a).

3.3.2 Groundwater

The Site is located in the Montebello Forebay Area along the northeastern extent of the Los Angeles Central Groundwater Basin (CDWR, 1961). In 2005, the depth to groundwater in the Site vicinity generally ranged between 68 and 74 feet bgs (LCI, 2014). Groundwater flow was towards the south (LCI, 2014).

3.4 Current Use of the Property

The Site is currently developed with a two-story, split level commercial office building, surface parking lots, and associated landscape. The structure is presently vacant but was last occupied by a Bank of the West office.

3.5 Description of Structures, Roads, Sewage, and Potable Water Sources

The Site is currently developed with a vacant two-story, split level commercial office building and a smaller utility building containing a backup generator. The remainder of the Site is occupied by asphalt paved parking areas and driveways, and landscape. Water and sewer connections are provided by the City of Monterey Park.

3.6 Current Uses of Adjoining Properties

The Site is located in an area of mixed residential and commercial land use. A nursery is located north of the eastern portion of the Site, two large aboveground water storage tanks are located north of the central portion of the Site, and residential development is located north of the western portion of the Site. A recreational park and residential development are located farther north of the Site followed by a reservoir located approximately 0.42-miles north of the Site. To the east, the Site is bordered by East Orange Avenue followed by vacant land and residential development. Saturn Street followed by a commercial development then a substation operated by Southern California Edison and the California Highway 60 is located south of the Site. A closed landfill, the Operating Industries, Inc. Landfill Superfund site, is located approximately 0.38-miles southeast and south of the Site. The Site is bordered to the west by commercial development followed by residential development.

4.0 USER PROVIDED INFORMATION

4.1 Environmental Liens or Activity and Use Limitations

An environmental lien and activity and use limitation (AUL) search was conducted for the Site by Environmental Data Resources (EDR). EDR's review indicates that there are no environmental liens or AULs of record on the Site. A copy of the Environmental Lien and AUL Search is included in Appendix A (EDR, 2022a).

4.2 Valuation Reduction for Environmental Issues

EQ Office has not provided Northgate with any information indicating that the value of the property has been reduced due to environmental issues.

4.3 Owner, Property Manager, and Occupant Information

The Environmental Lien and AUL Search shown in Appendix A indicate that the title to the Site is vested in BRE CA Saturn LLC. The Site is managed by EQ Office. The building is presently vacant.

4.4 Specialized Knowledge

EQ Office currently manages the property as a commercial office complex. EQ Office has not indicated that they possess any additional specialized knowledge regarding the Site.

4.5 Reason for Performing the Phase I ESA

Northgate understands that EQ Office is evaluating the property for potential sale and requires a Phase I ESA to be completed for disclosure purposes.

5.0 RECORDS REVIEW

5.1 Standard Environmental Record Sources

To determine if the Site has any documented environmental concerns, or if other sites with documented environmental concerns exist within the search radii of the Site prescribed by ASTM 1527-13 and *All Appropriate Inquiry*, Northgate reviewed a summary of regulatory agency database listings prepared by EDR. In addition, where appropriate, we reviewed local regulatory agency files for additional specific information regarding sites identified in the EDR report judged to be of possible concern to the subject Site. The EDR report presenting a summary of the agency databases reviewed and a map showing the location of the identified sites is provided as Appendix B (EDR, 2022b). The results of the database search and follow-up agency file review are summarized below.

5.1.1 Site

The Site was identified for the presence of historic USTs including two 10,000-galon and one 2,000-gallon UST containing diesel and for the off-Site removal of hazardous wastes including tank bottom wastes. Database listings for the Site address of 1977 Saturn Street included in the EDR environmental database report are shown on the following table.

EDR Site #	Site Listing and Address	Regulatory Database	Information in EDR Report
A1, A2	Sanwa Bank California – 1977 Saturn Street, Monterey Park	RCRA-SQG, SWEEPS UST, HAZNET, Los Angeles Co. HMS, HWTS, and UST	The EDR database report contains a listing for three USTs. One was identified to be a 2,000-gallon capacity tank containing a petroleum product. The capacity and contents of the other two tanks were not listed but appear to be associated with the two 10,000-gallon diesel USTs. It is also listed as a small quantity generator. The EDR database report contains a listing for off-Site hazardous waste removal and transport of tank bottom waste in 2016. It is listed as a closed Los Angeles County Hazardous Materials Site. This EDR report listing does not contain information indicating a hazardous materials release at the Site.

EDR Site #	Site Listing and Address	Regulatory Database	Information in EDR Report
A3, A4, A10	Equity Office – 1977 Saturn Street, Monterey Park	RCRA NonGen/NLR, HAZNET, HWTS, FINDS, and ECHO	The EDR database report contains a listing for the Site as a non-generator. The EDR database report contains a listing for off-Site hazardous waste removal and transport of tank bottom waste in 2018. This EDR report listing does not contain information indicating a hazardous materials release at the Site.
A5	BRE CA Saturn LLC – 1977 Saturn Street, Monterey Park	EMI and Los Angeles Co. HMS	The EDR database report contains listings for the Site for a removed tank and an industrial waste permit. No further information was available. This EDR report listing does not contain information indicating a hazardous materials release at the Site.
A6	1977 Saturn Street – 1977 Saturn Street, Monterey Park	UST	The EDR database report contains a listing for a UST operated at the Site. No further information regarding the tank, it size, contents, or status or any further information was available. This appears to be associated with the two former 10,000-gallon and one 2,000-gallon diesel USTs. This EDR report listing does not contain information indicating a hazardous materials release at the Site.
A7, A8	Bank of the West – 1977 Saturn Street, Monterey Park	HAZNET, HWTS, and FINDS	The EDR database report contains a listing for off-Site hazardous waste removal and transport of unspecified organic liquid mixture, unspecified solvent mixture, hydrocarbon solvents, oil/water separation sludge, waste oil and mixed oil, unspecified alkaline solution, and off-specification, aged, or surplus organics between 2003 and 2015. Tank bottom waste was noted to have been discharged to the sewer/POTW or

EDR Site #	Site Listing and Address	Regulatory Database	Information in EDR Report
			NPDES in 2006 and 2010. It was also listed for the disposal of photochemicals and photo processing waste between 1993 and 2003. This EDR report listing does not contain information indicating a hazardous materials release at the Site.
A9	United CA Bank – 1977 Saturn Street, Monterey Park	FINDS, and ECHO	The EDR database report contains a listing for the Site on the FINDS and ECHO databases related to the Site listings on the HWTS database.

5.1.2 Off-Site Sources

The regulatory agency database search prepared by EDR indicates the presence of 114 agency-database listings for facilities located within an approximate one-mile radius of the Site. The EDR database report containing a list of the agency databases searched is attached in Appendix B. Sites with documented releases impacting groundwater located within 0.25-mile upgradient and/or cross-gradient of the Site, or otherwise judged to be of potential impact to soil, soil vapor, or groundwater quality at the Site, are summarized in the following table.

Property Name	Agency Database	Location Relative to Site	Potential Environmental Concern
Operating Industries, Inc. Landfill/Getty Synthetic Fuels, Inc. – 900 Portrero Grande Drive, Monterey Park and New Cure, Inc – 2550 Greenwood Avenue, Monterey Park	NPL, SEMS, CORRACTS, RCRA-TSDF, RCRA-SQG, US ENG CONTROLS, ROD, RAATS, PRP, ICIA, CONSENT, ENVIROSTOR, SWF/LF, HIST UST, DEED, LDS, Cortese, ENF, HIST CORTESE, HWP, CIWQS, CERS, WMUDS/SWAT, ODI, HIST Cal-Sites, CA BOND EXP. PLAN, Los Angeles Co LF Methane, SWEEPS UST, HIST UST, RCRA-SQG, ICIS, FINDS, and ECHO	Approximately 0.125-0.25-miles south-southeast (downgradient) of the Site	Operating Industries, Inc. operated a class II landfill on 190 acres in the City of Monterey Park with the 45-acre northern section separated from the 145-acre southern section by the Pomona Freeway in the 1960s. This facility is located approximately 1,950 feet south and southeast (cross- to downgradient of the Site) The landfill accepted solid and liquid wastes with some hazardous wastes between 1948 and 1983. It operated as a municipal landfill between 1948 and 1952 by the City of Monterey Park prior to becoming a privately owned landfill in January 1952 by Operating Industries, Inc. It was permitted by the RWQCB to receive various nonhazardous and hazardous liquid wastes including lead compounds, chrome oxide, pigment sludge, refinery wastes, wastewater from paint manufacturing, and caustic leaning waste. The EPA has evidence that the original landfill included at least some portion of both the northern and southern sections. Leachate generated by the landfill is reported to contain vinyl chloride, benzene type compounds, tetrachloroethylene, heavy metals, and other contaminants. In 1985, plans for a comprehensive remedial investigation to determine the nature and extent of impacts from the landfill including chemical contaminants and methane were initiated. The remedy for the landfill included a landfill cover system, landfill gas control system, surface water management, and perimeter liquid control (PLC) system. A leachate treatment plant was constructed on the northern section of the facility and began operations in September 1994. Groundwater is still routinely monitored for this facility. Given the remedial actions, that the PLC system has been documented to be effectively controlling liquids at the perimeter by reversing the groundwater flow gradient with natural attenuation progressing remediation of groundwater in the downgradient direction, the downgradient location and the regulatory oversight, this facility does not appear to represent a significant potential threat to soil, soil vapor, and/or groundwater at the subject Site.

Property Name	Agency Database	Location Relative to Site	Potential Environmental Concern
Bates Shell Service – 745 East Taylor Street, Monterey Park	EDR Hist Auto	Approximately 400-feet north (upgradient) of the Site	The facility is listed on the EDR proprietary (non-regulatory) Historic Automobile database as gasoline service station between 1989 and 1993. No records of contamination or releases at this property impacting the environment or the Subject Property were identified as part of the regulatory review. This address is mapped within a residential area. Based on a review of historic aerial photographs that includes the years 1989 and 1994, this area has historically been occupied by residences and no evidence of a gasoline service station at this location is present. Given that this area has historically been occupied by residential homes and the lack of a documented release, this facility does not appear to represent a potential threat to soil, soil vapor, and/or groundwater quality at the Subject Property.
Alpha Photonics, Inc – 2019 Saturn Street, Monterey Park	ENVIROSTOR, Los Angeles Co., HMS, RCRA-SQG, FINDS, and ECHO	Approximately 425-feet southwest (cross-gradient) of the Site	This facility is identified for the generation of halogenated solvents. It is identified for having a tiered permit from the DTSC. It is listed on the Los Angeles County Site Mitigation database as an abated facility as of October 6, 2011. No further information was available. Given the cross-gradient location and the lack of a documented release, this facility does not appear to represent a potential threat to soil, soil vapor, and/or groundwater quality at the Subject Property.

Property Name	Agency Database	Location Relative to Site	Potential Environmental Concern
Montebello Service Center/Southern California Edison – Montebello Service CE/Monterey Park District Office – 1000 Portrero Grande Drive, Monterey Park	LUST, Cortese, HIST CORTESE, NPDES, LA Co. Site Mitigation, CERS, CERS HAZ WASTE, SWEEPS UST, CERS TANKS, CA FID UST, HIST UST, UST, RCRA-LQG, NPDES, RCRA-SQG, AST, HAZNET, HWTS, CERS, and FINDS	Approximately 0.15-miles east-southeast (cross-gradient) of the Site	The facility is listed for a release of diesel impacting soil that was reported in 1988. No further information was available for this release. The facility obtained regulatory closure from RWQCB on September 25, 1996. This facility was also identified for a release of gasoline and waste/motor/hydraulic/lubricating oil impacting soil that was reported in 2002 during tank removal activities. The facility was determined to meet the low-threat closure policy criteria. The facility obtained regulatory closure from RWQCB on January 22, 2019. Given the release to soil only, the cross-gradient location, the relative distance, and the regulatory closure, this facility does not appear to represent a significant potential threat to soil, soil vapor, and/or groundwater at the subject Site.
SCE Mesa Substation – 700 East Portrero Grande Drive, Monterey Park	LUST, Cortese, LA Co. Site Mitigation CERS, RCRA-LQG, RCRA-SQG, HIST UST, AST, CERS HAZ WASTE, SWEEPS UST, CA FID UST, CERS TANKS, and CERS	Approximately 0.15-miles east-southeast (cross-gradient) of the Site	The facility is identified as an electrical substation that is identified as a chemical storage facility and has generated hazardous wastes including ignitable waste, corrosive waste, lead, benzene, tetrachloroethylene, trichloroethylene, and halogenated solvents. It is listed for a release of diesel and gasoline impacting soil that was reported in 1999. A 1,000-gallon containing gasoline was installed in 1955. A site assessment was conducted in 1999 and a subsequent soil and water investigation was conducted in 2003 but no further information was available. The facility obtained regulatory closure from RWQCB on April 23, 2003. Given the release to soil only, the cross-gradient location, the relative distance, and the regulatory closure, this facility does not appear to represent a significant potential threat to soil, soil vapor, and/or groundwater at the subject Site.

5.2 Vapor Encroachment Screening

A vapor encroachment screening (VES) evaluation was performed for the Site using EDR's vapor encroachment condition application (VEC App), which assists in screening for vapor encroachment risk in accordance with ASTM E2600 "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions." A "Tier I" VES was performed to evaluate the potential for vapors associated with contaminated soil and/or groundwater to impact the Site, whether originating from the Site or from nearby off-Site sources. For properties where a VEC could not be ruled out, existing subsurface investigation reports, if available, were used to evaluate potential impacts to the Site (Tier 2 screening).

The EDR VES report generated during this evaluation is attached in Appendix C (EDR, 2022c). The following table presents a summary of the VES findings:

Potential for Vapor Intrusion on Site	
Areas of Concern	*Conclusion*
Site (existing conditions)	VEC not present
Site (former condition)	VEC could not be ruled out.
Adjoining Property or near-by Property Operations or Existing Conditions	VEC not present
Historical Uses of Adjoining Property or Near-by Properties	VEC not present.

Based on this screening, a VEC could not be ruled out for the subject Site related to the historic USTs. Although no significant release has been documented for either of the former two 10,000-gallon diesel USTs or the 2,000-gallon diesel UST, no formal closure letter with no further action has been provided by the RWQCB. Given that the historic presence of these USTs represents a potential threat of a material release that has not received regulatory closure to note if any controls would be required, a VEC could not be ruled out for the subject Site. Facilities of potential concern to the subject Site are discussed in Section 5.1.2 above.

5.3 Additional Environmental Record Sources

Northgate contacted local regulatory agencies for information regarding the use or storage of hazardous materials at the Site, and reviewed files at any agency maintaining a file for the subject Site. The following agencies were contacted for information regarding the use or storage of hazardous materials at the Site:

- Department of Toxic Substances Control (DTSC) EnviroStor Website;
- State Water Resources Control Board (SWRCB) GeoTracker Website;
- California Environmental Protection Agency (CalEPA) Website;
- Regional Water Quality Control Board – Los Angeles Region (LA RWRCB);

- Los Angeles County Fire Department (LACFD);
- Monterey Park Fire Department (MPFD);
- Los Angeles County, Department of Public Works (LACDPW);
- City of Monterey Park (CMP);
- Los Angeles County, Department of Public Health (LACDPH);
- South Coast Air Quality Management District (SCAQMD); and
- Oil and Gas Wells.

The results of our review are described in the following sections.

5.3.1 Department of Toxic Substances Control EnviroStor Website

The Site is not listed on the DTSC EnviroStor website, and thus, there are no files related to the property.

5.3.2 State Water Resources Control Board GeoTracker Website

The Site is listed on the SWRCB GeoTracker website as an inactive LUST cleanup site as of February 11, 2022. A copy of a December 7, 2018, UST soil sampling and closure report in addition to a letter from the LACDPW referring the case to the SWRCB was available on the GeoTracker website. A summary of both documents is provided in Section 5.7 below. No further information was available.

5.3.3 California Environmental Protection Agency Website

The Site is listed on the CalEPA website as a LUST Cleanup Site as of April 27, 2020, for unauthorized release of petroleum hydrocarbons, surrogates or byproducts from a LUST, referencing the source as GeoTracker (section 5.3.2 above). No other information was provided that was different from GeoTracker.

5.3.4 Regional Water Quality Control Board – Los Angeles Region

Northgate submitted a file review request to the LA RWQCB. The LA RWQCB indicated that all available files were uploaded to the GeoTracker website and referred the request to the SWRCB's GeoTracker website (refer to Section 5.3.2 above).

5.3.5 Los Angeles County Fire Department

The LACFD maintains Certified Unified Program Agency (CUPA) database lists online with property addresses identified as active or inactive facilities, as site mitigation facilities, and California Accidental Release Prevention Program (CalARP) facilities. The Site was listed on

the CUPA database as an inactive facility maintained by the LACFD. No further information was available.

Northgate additionally submitted a file review request to the LACFD. The LACFD further responded that various state and federal regulations prevents certain information from being released to the public (i.e., trade secret information HSC 25512[c] & [d], and Hazardous Material Locations and Site Maps – CA Health & Safety Code [HSC] 25509[b]), and as a result, Northgate received one redacted file. A routine inspection file dated July 1, 2015, was received from the LACFD for Bank of the West with a comment that no significant violations were observed on-Site at the time of the inspection, that Bank of the West had moved out the of location as of June 30, 2015, that the building was vacant, and that the former tenant's Hazardous Materials and Hazardous Waste Program status will be changed to inactive as of June 30, 2015. No further information was available.

5.3.6 Monterey Park City Fire Department

Northgate submitted a file review request to the MPFD, who indicated that they do not maintain their own records and referred the request to the City Clerk for all city fire records requests and inquiries (Refer to Section 5.3.8 below).

5.3.7 Los Angeles County Department of Public Works

Northgate reviewed an online file review system maintained by the LACDPW for industrial waste, USTs, and stormwater discharge permits. The subject Site was identified on the online system with numerous files related to the monitoring, inspection, removal, and closure of the former USTs. A summary of the pertinent documents and reports maintained by the LACDPW is provided in Section 5.7 below.

Northgate additionally submitted a file review request to the LACDPW. The LADPW provided letters of receipt related to a 2018 soil sampling report and closure application and indicating the request for closure transferred from the oversight of the LACDPW to the RWQCB on April 27, 2020. A more detailed summary of these documents is provided in Section 5.7 below.

5.3.8 City of Monterey Park

The CMP maintains an online Citizen Access database for records from their Building, Planning, Engineering and Fire Departments. Building Department (Dept) had records related to the Site for an expired permit in 2007 to replace diesel lines for a generator, an expired permit in 2019 related to electrical wiring for sump sensors, and a notice of violation on November 1, 2021, related to a plan check for replacing a generator. Planning Dept had one record related to an applied conditional permit for hospital use for "OneLegacy," which expired in 2019. The

Engineering Dept had records for the Site related to a crane service rental in 2019. The City's Fire Dept had records from BRE CA Office Owner LLC for an issued industrial waste permit, expiring in 2018. No other information was available from the Fire Dept's online database related to this permit.

Northgate additionally submitted a file review request to the CMP. The CMP referred the request to the online file review system maintained by the LADPW (refer to Section 5.3.7 above).

5.3.9 Los Angeles County Department of Public Health

Northgate submitted a file review request to the LACDPH, who maintains records related to septic tanks, water wells, landfills, residential lead inspection and other public health-related investigations. The LACDPH responded they did not have any records related to the Site.

5.3.10 South Coast Air Quality Management District

Northgate reviewed SCAQMD's online Facility Information Detail database for any files available for the Site. The database contains a listing for the Site identified as Equity Office for an inactive permit for the operation of a diesel powered electrical generator. Only minor violations were reported that included providing boiler tune up records and operation logs for permitted generators and submitting a change of ownership form for refrigerant registration in 2016, which were returned to compliance by the follow-up inspection in 2017.

The Site was also listed as Bank of the West for an inactive permits to operate a diesel powered electrical generator, a storage tank with fuel oil, and a natural gas char-broiler (likely associated with the former cafeteria and kitchen operations) in addition to listings associated with Rule 1415 that is associated with the reduction of refrigerant emission from stationary refrigeration and air conditioning systems. Only one minor violation was reported in 2008 for the submittal of Rule 1415 registration, which was returned to compliance by the follow-up inspection later in 2008.

The Site was identified as Lloyds Bank Operating Center as an inactive facility with a permit to operate a boiler in 1982. The Site was also identified as Sanwa Bank with only one administrative violation in 1989 related to a violation in their employee Trip Reduction Plan related to emissions reductions. The case was resolved later that year.

5.3.11 Oil and Gas Wells

According to the EDR GeoCheck® - Physical Setting Source Addendum located in the EDR Radius Report (Appendix B), there are 57 oil and gas wells located within 1-mile of the Site. As shown on Figure 2, a plugged dry hole is mapped in the southwestern corner of the landscaped

grass area adjacent to the west of the commercial office building in the central portion of the Site. Information available on the California Division of Oil, Gas, and Geothermal Resources (CalGEM) website indicates that there is one plugged dry hole and no oil or wells located on the Site. Information available from CalGEM indicates that this well was drilled in July 1967 to a total depth of 7,920 feet bgs and was abandoned shortly after in late July 1967. No oil or gas were reported to have been generated at this location. The plugged dry hole represents a potential business environmental risk for the Site.

According to the EDR GeoCheck® - Physical Setting Source Addendum located in the EDR Radius Report (Appendix B), the nearest oil and gas wells are located nearly one-quarter of a mile to the south (downgradient) of the Site. Information available on the CalGEM website indicates that there is one oil and gas well located approximately one-quarter of a mile south (downgradient) of the Site. Several pugged dry holes are mapped to the southeast, south, and southwest of the Site. The Montebello oil field is located approximately 1,950-feet to the southeast (cross- to downgradient) of the Site. Thus, there are no off-Site wells that appear to represent an environmental concern to the Site based on their relative locations and/or distances.

5.4 Other Environmental Issues

5.4.1 Floodplain Maps

Northgate viewed an online version of the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) for the City of Monterey Park, Panel 1665F. According to the FIRM, the Site is located in Zone X – areas of minima flood hazard determined to be outside of 0.2% the annual chance flood area (FEMA, 2008). The Site does not lie within the 100- or 500-year flood zones.

5.4.2 Radon

The California Department of Health Services' (DHS') online list of indoor radon levels indicates that radon concentrations from all five indoor air samples collected in zip code area 91755 were all less than 4.0 pico-curies per liter (pCi/L) (DHS, 2010). According to the EDR Radius Report (Appendix B), the federal Environmental Protection Agency (EPA) radon zone for Los Angeles County is Zone 2 (indoor average level greater than or equal to 2 pCi/L but less than or equal to 4 pCi/L).

The State of California Division of Drinking Water and Environmental Management maintains a database of radon test results indicating that out of 63 samples collected in Los Angeles County in California, in the living area-first floor, 98% were below 4 pCi/L and 2% were between 4 and

20 pCi/L. The DHS and the EPA recommend that some form of mitigation be conducted for houses with indoor radon concentrations of 4 pCi/L or greater.

These results indicate that radon gas does not appear to constitute a significant environmental concern at the Site.

5.5 Land Use History

Information on historical land use at the Sites and adjacent area was evaluated by reviewing historic aerial photographs, maps, and other documents. A summary of our investigation findings is presented below.

5.5.1 Aerial Photographs

Northgate reviewed historic aerial photographs of the Sites 1928, 1938, 1948, 1952, 1964, 1970, 1977, 1983, 1989, 1994, 2002, 2005, 2009, 2012, and 2016 obtained from EDR (EDR, 2022d). Copies of the aerial photographs are provided in Appendix D. A summary of our aerial photograph review is presented below.

Year: 1928	**Scale:** 1" = 500'	**Source:** FAIR
Site Description: The Site is occupied by undeveloped land with a dirt road extending through the southern portion of the Site and a stream through the eastern portion of the Site.		
North:	Undeveloped vacant land with several streams.	
East:	Undeveloped vacant land followed by a road then additional undeveloped vacant land.	
South:	Undeveloped vacant land followed by a road then additional undeveloped vacant land and a stream.	
West:	Undeveloped vacant land with several streams.	

Year: 1938	**Scale:** 1" = 500'	**Source:** USDA
Site Description: The Site appears similar to the 1928 photograph.		
North:	Appears similar to the 1928 photograph.	
East:	Appears similar to the 1928 photograph.	
South:	Appears similar to the 1928 photograph.	
West:	Appears similar to the 1928 photograph.	

Year: 1948	**Scale:** 1" = 500'	**Source:** USGS
Site Description: The Site appears similar to the 1938 photograph.		
North:	Appears similar to the 1938 photograph.	
East:	Appears similar to the 1938 photograph.	
South:	Appears similar to the 1938 photograph, except that a substation is now present farther south of the Sit beyond a road in the location of present day Portrero Grande Drive.	
West:	Appears similar to the 1938 photograph.	

Year: 1952	**Scale:** 1" = 500'	**Source:** USGS
Site Description: The Site appears similar to the 1948 photograph.		
North:	Appears similar to the 1948 photograph, except that limited residential development is now shown to the northwest of the Site.	
East:	Appears similar to the 1948 photograph.	
South:	Appears similar to the 1948 photograph, except a portion of the vacant and adjacent to the south of the Site appears to be a gravel pit or similar operation.	
West:	Residential development with limited vacant land to the southwest of the Site.	

Year: 1964	**Scale:** 1" = 500'	**Source:** USGS
Site Description: The Site appears similar to the 1952 photograph, except that a small area in the southeastern portion of the Site is now shown as vacant, graded land.		
North:	A water tank is located north of the central portion of the Site followed by a park. Limited vacant land is present adjacent to the north of the Site followed by residential development. A water reservoir is located farther north of the Site.	
East:	Vacant undeveloped land followed by apparent agricultural land then Portrero Grande Drive and additional vacant, undeveloped land.	
South:	Undeveloped land that appears to be a gravel pit or similar operation followed by Portrero Grande Drive then a substation and additional undeveloped vacant land.	
West:	Appears similar to the 1952 photograph, except that residential development has expanded farther west of the Site.	

Year: 1970	**Scale:** 1" = 500'	**Source:** EDR
Site Description: The Site appears similar to the 1964 photograph, except that the small area in the southeastern portion of the Site appears to be occupied by agricultural land.		
North:	Appears similar to the 1964 photograph.	
East:	Appears similar to the 1964 photograph, except that apparent agricultural land is now shown farther to the east of the Site.	
South:	Appears similar to the 1964 photograph, except that operations at the gravel pit or similar operation appear to have expanded and the 60 Freeway is now shown farther south of the Site.	
West:	Appears similar to the 1964 photograph.	

Year: 1977	**Scale:** 1" = 500'	**Source:** EDR
Site Description: The Site appears similar to the 1970 photograph, except that an area in the central portion of the Site and the western portion of the Site are shown as vacant, graded land.		
North:	Appears similar to the 1970 photograph.	
East:	Appears similar to the 1970 photograph.	
South:	Undeveloped land that appears to have been filled with no further gravel pit or similar operations followed by limited commercial development farther to the southwest of the Site.	
West:	Appears similar to the 1970 photograph.	

Year: 1983	**Scale:** 1" = 500'	**Source:** EDR
Site Description: The Site is fully developed with a large commercial office building in the south-central portion of the Site. A large grass area is located adjacent to the west of the building in the south-central portion of the Site. The reminder of the Site is occupied by paved surface parking areas and landscape.		
North:	Appears similar to the 1977 photograph.	
East:	Appears similar to the 1977 photograph.	
South:	Saturn Street followed by undeveloped, graded land then Portrero Grande Drive and a substation with apparent agricultural land. Additional commercial development is now present including adjacent to the southwest of the Site.	
West:	Appears similar to the 1977 photograph.	

Year: 1989	**Scale:** 1" = 500'	**Source:** USDA
Site Description: The Site appears similar to the 1983 photograph.		
North:	Appears similar to the 1983 photograph.	
East:	Appears similar to the 1983 photograph.	
South:	Saturn Street followed by commercial development then Portrero Grande Drive then a substation and undeveloped land that appears to be occupied by agricultural land.	
West:	Appears similar to the 1983 photograph.	

Year: 1994	**Scale:** 1" = 500'	**Source:** USGS/DOQQ
Site Description: The Site appears similar to the 1989 photograph, except that a smaller structure is now located in the parking lot to the north of the commercial structure.		
North:	Appears similar to the 1989 photograph.	
East:	Appears similar to the 1989 photograph.	
South:	Appears similar to the 1989 photograph.	
West:	Appears similar to the 1989 photograph.	

Year: 2002	**Scale:** 1" = 500'	**Source:** USDA
Site Description: The Site appears similar to the 1994 photograph.		
North:	Appears similar to the 1994 photograph, except that two aboveground water tanks are now shown adjacent to the north of the Site.	
East:	Appears similar to the 1994 photograph.	
South:	Appears similar to the 1994 photograph.	
West:	Appears similar to the 1994 photograph.	

Year: 2005	**Scale:** 1" = 500'	**Source:** USDA/NAIP
Site Description: The Site appears similar to the 2002 photograph.		
North:	Appears similar to the 2002 photograph.	
East:	Appears similar to the 2002 photograph.	
South:	Appears similar to the 2002 photograph.	
West:	Appears similar to the 2002 photograph.	

Year: 2009	**Scale:** 1" = 500'	**Source:** USDA/NAIP
Site Description: The Site appears similar to the 2005 photograph.		
North:	Appears similar to the 2005 photograph.	
East:	Appears similar to the 2005 photograph.	
South:	Appears similar to the 2005 photograph.	
West:	Appears similar to the 2005 photograph.	

Year: 2012	**Scale:** 1" = 500'	**Source:** USDA/NAIP
Site Description: The Site appears similar to the 2009 photograph.		
North:	Appears similar to the 2009 photograph.	
East:	Appears similar to the 2009 photograph.	
South:	Appears similar to the 2009 photograph, except that a portion of the former apparent agricultural land adjacent to the substation land farther south of the Site across Portrero Grande Drive is shown as a paved area.	
West:	Appears similar to the 2009 photograph.	

Year: 2016	**Scale:** 1" = 500'	**Source:** USDA/NAIP
Site Description: The Site appears similar to the 2012 photograph.		
North:	Appears similar to the 2012 photograph.	
East:	Appears similar to the 2012 photograph.	
South:	Appears similar to the 2012 photograph.	
West:	Appears similar to the 2012 photograph.	

5.5.2 Sanborn Maps

Northgate requested Sanborn fire insurance maps for the Site from EDR. However, maps covering the Site and vicinity were not found. A copy of the Sanborn Map Report is provided in Appendix E (EDR, 2022e).

5.5.3 Topographic Maps

Northgate reviewed historic topographic maps for the Site obtained from EDR for the years 1894, 1896, 1900, 1923/1924, 1926, 1953, 1966, 1972, 1981, 1991, 1994, 2012, 2015, and 2018. Copies of the topographic maps are provided in Appendix F (EDR, 2022f). Information from the topographic maps is summarized below.

Quadrangle: Los Angeles		**Scale:** 1:62,500	**Series:** 15 Minute
1894:	The Site is shown as undeveloped land. Several roads are mapped farther to the north, south, and west of the Site. Topography in the Site vicinity varies and generally slopes downward to the south.		
Quadrangle: Pasadena		**Scale:** 1:62,500	**Series:** 15 Minute
1896:	The Site and vicinity appear similar to the 1894 map.		
Quadrangle: Pasadena/Los Angeles		**Scale:** 1:62,500	**Series:** 15 Minute
1900:	The Site and vicinity appear similar to the 1896 map.		
Quadrangle: El Monte/Alhambra		**Scale:** 1:24,000	**Series:** 7.5 Minute
1923/1924:	The Site and vicinity are shown as vacant land on sloping terrain. Stream is mapped through the eastern portion of the Site. Power lines are mapped to the north, northeast, and southeast of the Site. A grid of streets identified as the City of Monterey Park is mapped farther north of the Site. An oil well field is mapped farther southeast of the Site.		
1926:	The Site and vicinity appear similar to the 1923/1924 map, except that a grid of streets in an area identified as the City of Montebello is now mapped farther south and southeast of the Site.		
Quadrangle: Los Angeles/El Monte		**Scale:** 1:24,000	**Series:** 7.5 Minute
1953:	The Site appears similar to the 1926 map and is still shown as vacant land on a sloping terrain. The Site vicinity has been further developed. Vacant land on sloping terrain is mapped adjacent to the north, east, and south of the Site. A quarry is mapped adjacent to the south of the Site followed by a major road identified as Potrero Boulevard then vacant land, a stream, and a substation. Power lines are still mapped to the north, northeast, and southeast of the Site. Residential development is now present to the west of the Site and has expanded farther to the north and south of the Site.		
1966:	The Site is mapped as vacant land with a stream extending through the eastern portion of the Site and along the southern perimeter of the Site. A water tank and power lines are mapped to the north of the Site followed by residential development and a reservoir. Vacant land followed by power lines then additional vacant land and residential development are located to the east of the Site. A gravel pit followed by Potrero Boulevard then a substation, power lines, and a gravel pit are located to the southeast and south of the Site followed by the 60 Freeway then an oil well field followed by residential development farther south of the Site. Vacant land and residential development are mapped to the west of the Site.		
1972:	The Site and vicinity appear similar to the 1966 map, except that residential development has expanded farther east and south of the Site and limited commercial development is now mapped to the southwest of the Site.		

1981:	The Site and vicinity appear similar to the 1972 map, except that commercial development has expanded adjacent to the west of the Site, the gravel pit operations have expanded to the southeast and south of the Site, and residential development has expanded farther to the east and south of the Site.
Quadrangle: El Monte	**Scale:** 1:24,000 **Series:** 7.5 Minute
1991:	The Site and vicinity appear similar to the 1981 map.
Quadrangle: El Monte/Los Angeles	**Scale:** 1:24,000 **Series:** 7.5 Minute
1994:	The Site and vicinity appear similar to the 1991 map.
2012:	The Site and vicinity are mapped as urban development. The Gorsey Reservoir is located to the north of the Site followed by the City of Monterey Park. The 60 Freeway is mapped to the south of the Site followed by the City of Montebello and the Montebello Hills.
2015:	The Site and vicinity appear similar to the 2012 map.
2018:	The Site and vicinity appear similar to the 2015 map.

5.5.4 City Directories

Northgate reviewed a summary of local city directory listings for the Site and nearby vicinity available at approximate five year intervals from 1920 to 2014 obtained from EDR. A copy of the EDR city directory search is provided in Appendix G (EDR, 2022g).

The Site is identified at 1977 Saturn Street as a commercial office building between 1994 and 2014. It has been occupied by an office and data center for a bank since 1980 but the City Directory listings only show the office and data center for the bank dating back to 1994. Due to several acquisitions, it has been identified under multiple names. The listings identified in the City Directory search include Sanwa Bank in 1994, an unknown occupant in 1999, and Bank of the West between 2004 and 2014. It was additionally identified as Marriott International, Inc between 2004 and 2009 and as SODEXHO Corp. in 2009.

Listings adjacent to the north has historically included private residences since at least 1960 along Taylor Drive. No listings were identified adjacent to the east along Orange Drive; however, private residences were listed farther to the northeast of the Site along Taylor Drive since at least 1960. A bank and data center, primarily identified as Union Bank, was listed adjacent to the south of the Site at 1980 Saturn Street between at least 1994 and 2014. A commercial building located adjacent to the west of the Site at 2001 Saturn Street was identified as an unknown occupant in 2004 and a construction company in 2006. Listings farther west of the Site along Saturn Street and Red Plum Circle have included Ross Name Plate Company, a potential industrial operation located approximately 500 feet west of the Site, between at least 1985 and 2014.

Listings in the general vicinity of the Site consist primarily of residential and commercial development. Listings in the Site vicinity evaluated to determine if they are of potential environmental concern to the Site are described in detail in Section 5.1.2.

5.6 Interviews

5.6.1 Owner Interview

Mr. Rodel Salvio, a representative from EQ Office for the Site owner, was interviewed during the Site reconnaissance performed on February 10, 2022. Relevant information related to the Site and its current operations is incorporated into the Site reconnaissance section below. Mr. Salvio indicated that he has been associated with the Site for approximately seven years. He was not aware of any specific chemicals, spills, or environmental cleanups at the Site.

5.6.2 Key Site Manager Interview

The Site owner/manager, Mr. Robert Del Hierro, was interviewed during the Site reconnaissance performed on February 10, 2022. A summary of the responses provided in this interview are resented in Section 5.6.1 above.

5.6.3 Site Occupant Interview

The Site is presently vacant and as a result, no Site occupant was interviewed as part of this Phase I ESA. The Site owner/manager was interviewed as presented in Section 5.6.1 above.

5.7 Previous Reports

Northgate reviewed previous reports for the Site provided by EQ Office or obtained from the agency file reviews as summarized below. Copies of pertinent documents and reports for the Site are included in Appendix H.

Phase I Environment Site Assessment, Bank of the West, 1977 Saturn Street, Monterey Park, California prepared by Bureau Veritas North America, Inc. dated June 18, 2007 (BVNAI, 2007a).

Bureau Veritas North America, Inc. (BVNAI) prepared a Phase I ESA for the Site in 2007 that indicated that the Site was developed with a four-story 205,628-square foot office building with associated asphalt-paved parking. The Site was occupied by s bank data center that included a cafeteria with kitchen on the fourth floor. The Site was reported to have been developed in 1980 and occupied by Bank of the West since the time of completion. Due to several acquisitions, the report indicated that the bank has been identified under several different business names that

have included Lloyd's Bank from 1980 to 1986, Sanwa Bank from 1986 to 2001, United California Bank for nine months, followed by the Bank of the West. The Phase I ESA indicated that the Site was undeveloped prior to construction of the bank building in 1980. A utility building was constructed to the north of the main building in 1990.

The BVNAI Phase I ESA indicated that an industrial waste disposal permit was issued to the Site on August 18, 1988, for the operation of a 1,500-gallon grease interceptor that appears to have been associated with the former kitchen. This area also included a floor drain that was closed in 1998 by the LADPW and a trench and sump pump were reportedly installed in 1993. BVNAI also noted the presence of potential polychlorinated biphenyl (PCB)-containing equipment at the Site that included two concrete-pad mounted transformers owned and operated by Southern California Edison and elevator equipment that is owned and operated by the Site.

BVNAI concluded that the following REC was identified associated with the Site:

- Three USTs, two 10,000-gallon and one 2,000-gallon diesel tanks were present at the Site. Two 10,000-gallon single-walled fiberglass tanks containing diesel fuel were installed in 1980 and a 2,000-gallon steel double-walled fiberglass coating tank containing diesel was installed in 1991. The old piping was reportedly removed in September 2006 and replaced with double walled piping. At the time of piping removal, soil samples were collected that reported low concentrations of diesel at 12 and 15 mg/kg. No further investigation was recommended. A Veeder Root Monitoring system was reported to be in place to detect and log leaks in the tanks and pipes and monthly inspections were reported to be conducted. It was noted that the 2,000-gallon UST and double-walled product lines passed a Secondary Containment Test conducted in October 2006 and the 10,000-gallon USTs passed their last tightness test in February 1997. BVNAI recommended soil sampling in the vicinity of the USTs.

Additionally, BVNAI indicated that a survey for ACM was conducted at the Site in October 1989 that consisted of the visual inspection of accessible areas, construction material sampling, and air monitoring. ACM were reported to be detected in samples of construction materials that included pipe run insulation (east roof hot water heater room), floor tile mastic (print shop), and roofing mastic. An operations and Maintenance Program was noted to be in place for the Site. BVNAI concluded that this was not a REC for the Site.

Limited Subsurface Investigation Report for Two 10,000-Gallon Diesel USTs at 1977 Saturn Street, Monterey Park, California prepared by BVNAI dated June 26, 2007 (BVNAI, 2007b).

BVNAI conducted a limited subsurface investigation in the vicinity of two 10,000-gallon diesel USTs at the Site to assess potential diesel impacted soil in the area of the tanks. The investigation included conducting a geophysical survey, advancing five soil borings to 18 feet bgs, and

collecting soil samples. Due to refusal encountered at 8 feet bgs at one location, only four borings were advanced at the corners of the UST area. Diesel staining was observed at a depth of approximately 14 feet bgs in one boring. The report indicated that according to the Chief Engineer, Mr. Joe Robelo, approximately five-gallons of diesel were released in the area of this boring in 1991 during a piping re-modification project. Mr. Robelo indicated that the contractor cleaned up the release and no further information was available.

Soil samples were collected from each of the four boring at the total depth of the boring, approximately 17.5 to 18 feet bgs and an additional sample was collected at a depth of 14.5 to 15 feet bgs from boring BVSB-1 where diesel staining was observed. TPH-d were only reported in the two samples collected at depths of 14.5 to 15 feet bgs and 17.5 to 18 feet bgs in boring BVSB-1 at concentrations of 658 and 238 mg/kg, respectively. A map was not provided to indicate the location of the borings relative to the USTs or the Site.

Phase I Environment Site Assessment Report, 1977 Saturn Street, APN 5265-026-054, Monterey Park, Los Angeles County, California prepared by Leighton Consulting, Inc. dated December 10, 2014 (LCI, 2014).

Leighton Consulting, Inc. (LCI) prepared a Phase I ESA for the Site in 2014 that indicated that the Site was vacant, undeveloped land prior to development of the present office building in 1980. At the time of the report, the Site was occupied by a banking operations and office center. A utility building was constructed in 1991 to the north of the office building that housed a generator room with three 55-gallon day-tank aboveground storage tanks and a 2,000-gallon diesel UST. Two additional 10,000-gallon diesel USTs were also reportedly operated at the Site at the time. The USTs were reported to be used for the emergency generator system with no dispensing activities reported. Hazardous materials observed during the reconnaissance as part of this Phase I ESA included up to 55-gallon drum-sized containers that included compressed oil, oil pit sludge and water, waste diesel/water mix, and chemicals for the cooling equipment located on the roof. The hazardous materials were stored in the generator room, “Level A” storage room, and on the roof. Additionally, a former print and photo center were reportedly operated within the office building, a commercial grease interceptor was installed at the facility that appeared to be associated with the kitchen area, and an industrial wastewater discharge permit to the sewer was closed for the Site in December of 1998.

A subsurface environmental assessment was conducted in 2014 by the LACDPW to assess potential releases associated with the USTs. The assessment did not identify any significant soil staining and no evidence suggesting a fuel release from the USTs was reported. The LACDPW concluded that the Site was not impacted in the areas assessed and no further assessment was recommended.

One plugged and abandoned oil well (API 03720192) was identified by LCI to potentially be located on the subject Site or possibly offsite to the south as the precise location could not be determined. This well was listed to have been drilled in July 1967 to a total depth of 7,920 feet bgs and was abandoned shortly after in late July 1967. Further research conducted by Northgate as part of the current Phase I ESA indicates that this is a plugged and abandoned dry hole that did not produce oil or gas that was located on the subject Site.

LCI did not identify any RECs associated with the subject Site; however, their report identified the following environmental conditions of potential concern and provided associated recommendations.

- One plugged and abandoned oil well may be located in the southwestern portion of the Site. The well was abandoned in 1967 and never produced petroleum hydrocarbons. LCI recommended direct field investigation to assess the location of the former oil well prior to new construction in this portion of the Site. If an oil well is identified, LCI noted that the Division of Oil, Gas, and Geothermal Resources (presently identified as CalGEM) should be contacted to evaluate requirements for investigation and possible re-abandonment to current regulatory standards before any improvements commence at the Site.
- Three diesel USTs are present at the Site for the operation of a backup generator system. A fuel release was not identified during the Phase I ESA conducted by LCI or during a recent subsurface investigation conducted by the LACDPW. LCI indicated that recommendations to rectify code violations were provided under a separate cover. LCI recommended that if the USTs are not going to be used for proposed future operations that they be properly removed according to applicable regulatory guidelines with observation for evidence of releases beneath the tanks and piping.
- A small onsite print shop and photo room with an industrial waste permit to discharge the waste to the sewer were identified as part of the assessment. No inappropriate discharge or leaks were identified as part of the assessment; however, LCI recommended that observations for evidence of releases beneath the sewer lines be conducted if the building and associated utilities are demolished.
- ACMs, LBP, and universal waste were reported to be located within the onsite structures. The locations, estimated quantities, and recommendations for their handling if disturbed during renovation or demolition activities are noted to be reported under a separate cover that was not made available to Northgate.

Observation of Limited Subsurface Investigation Activities, 1977 Saturn, Monterey Park, California prepared by URS dated December 11, 2014 (URS, 2014).

URS prepared a letter summary of their observations of a limited subsurface investigation conducted by the LACDPW, which appears to be the investigation referenced in the LCI Phase I ESA above, dated December 11, 2014. Field activities were conducted on October 4 and 5, 2014 and included advancing three borings to 40 feet bgs. Four borings were originally proposed to a total depth of 50 feet bgs; however, pea gravel was encountered in one boring (B-3) and the LACDPW decided not to continue to advance this boring so as not to compromise the integrity of the overlying surface parking lot. The total depth was not extended to the originally proposed 50 feet bgs as no field evidence of impacts were observed through 40 feet bgs.

URS collected split samples concurrent with the LACDPW investigation to evaluate the analytical laboratory. Soil samples were collected at depths of 15 and 25 feet bgs from two borings (B-1 and B-2) and at depths of 10 and 20 feet bgs from the third boring (B-4). The soil samples were selected based on the judgement of the field geologist and were generally determined to be below the depths of the tank bottoms. Soil samples were analyzed for TPH-d and VOCs. It was noted that the LACDPW collected eight soil samples from borings B-1 and B-4 and seven soil samples from boring B-2. No VOCs or TPH-d were reported above their laboratory method reporting limits in any of the six soil samples collected for analysis by URS.

A copy of the laboratory analytical report for the samples collected by the LACDPW was provided as an appendix to this summary letter. A review of this analytical report indicated that no VOCs or TPH-d were reported above the laboratory method reporting limits in any of the 23 soil samples collected for analysis by LACDPW.

Soil Sampling Results Related to UST System Removals, 1977 Saturn Street, Monterey Park, California 91755 prepared by ALTA EM, Inc. dated December 7, 2018 (ALTA, 2018).

ALTA EM, Inc. (ALTA) prepared report summarizing the results of tank system removals and associated soil sampling activities at the Site in 2018. The three USTs were confirmed to include two 10,000-gallon diesel USTs located adjacent to one another and a 2,000-gallon diesel UST located approximately 140 feet east of the larger tanks. All three tanks were used to supply emergency generators and all were reported to be buried 3 to 4 feet bgs.

Soil samples were collected along the fuel product lines at depths ranging from 3.5 to 5 feet bgs and at least 2 feet below the removed lines. The tank pit containing the two larger USTs contained groundwater at approximately 11.5 feet bgs and a larger concrete pad beneath the tanks at approximately 13.5 feet bgs. As a result, soil sampling could not be performed and representative samples were collected of the groundwater at this location. The tank pit for the

smaller UST also contained a concrete pad at the bottom of the tank pit at approximately 11.5 feet bgs, but no groundwater was present. Soil samples could not be collected due to the presence of the concrete pad so sidewall samples were collected instead at this location just above the concrete pad. With the exception of one sample location beneath the former piping at a depth of approximately 4 feet bgs where a slight hydrocarbon odor was observed, there were no other field indications of a release including odor or discoloration of the soil.

The soil and groundwater samples were analyzed for TPH-d, benzene, toluene, ethylbenzene, and xylenes (BTEX), and fuel oxygenates. It was noted that two minor detections of TPH-d were reported in a sample collected at 4 feet bgs below the piping system (15.2 mg/kg) and at 10 feet bgs in the sidewall of the smaller tank pit (10.5 mg/kg) were reported. BTEX, and fuel oxygenates were not detected above their respective laboratory method reporting limits in any of the soil or groundwater samples and TPH-d was not detected above the laboratory method reporting limit in either of the groundwater samples.

No evidence indicating a major fuel impact was reported. The three USTs were removed from the Site. ALTA concluded that no further action is recommended and requested a no further action letter was requested for the Site. A copy of this closure report and request is included in Appendix H.

Hazardous Substances Underground Storage Closure/Site Assessment Report, Closure Application No 905166, 1977 Saturn Street, Monterey Park (3M) prepared by LACDPW dated April 27, 2020 (LACDPW, 2020).

The LADCPW issued a letter to the RWQCB on April 27, 2020, that indicated their review of the soil sampling report dated December 7, 2018, and referring the matter to the RWQCB for further action. The case is currently pending their review and response. A copy of this referral letter is included in Appendix H.

6.0 SITE RECONNAISSANCE

Current Site conditions were observed during a reconnaissance of the Site and near vicinity by Mr. Ricardo Munoz of Northgate on February 10, 2022. Mr. Munoz was escorted by Mr. Rodel Salvio and Mr. Hierro of EQ Office. Site photographs from the reconnaissance are attached at the end of this report. A Site Plan is shown on Figure 2.

6.1 Methodology and Limiting Conditions

The Site reconnaissance was performed by traversing the Site on foot and the general Site vicinity by car. At the time of the Site reconnaissance the weather was clear and there were no limiting conditions.

6.2 General Site and Vicinity Conditions

6.2.1 Site

The Site is occupied by a two-story, split level commercial office building in the central portion of the Site with a small utility building located to the north of the office building. The remainder of the Site is occupied by associated paved parking and landscape. The commercial office building totals approximately 205,628 square feet and is currently entirely vacant. In general, the commercial office building includes offices, hallways, janitorial rooms, electrical rooms, restrooms, and an elevator. One elevator with an associated elevator maintenance room located adjacent to the elevator with pulley equipment is located within the commercial office building. No chemicals or hazardous materials or wastes were observed to be generated, stored, or used in any portion of the commercial office building.

Three chiller towers are located on the roof of the commercial office building. The chiller towers use water treatment chemicals made by Chem Aqua including Formula 42171 (5 gallons), Formula 40215 (10 gallons), Formula 51999 (10 gallons), and Formula 31155 (10 gallons). These chemicals are stored adjacent to the chiller towers in secondary containment. No staining or evidence of a release was noted.

A smaller utility building is located to the north of the commercial office building. It is occupied by a diesel powered emergency backup generator. The building is also used for general storage. No staining or evidence of a release was observed at the generator or in this area.

A large, landscaped grass area is present adjacent to the west of the commercial office building. No evidence of the plugged dry hole was observed in this area. The remainder of the Site is occupied by asphalt paved parking areas. De minimis staining was observed throughout the parking areas.

6.2.2 Site Vicinity

The Site is located in an area of mixed residential and commercial land use. A nursery is located north of the eastern portion of the Site, two large aboveground water storage tanks are located north of the central portion of the Site, and residential development is located north of the western portion of the Site. A recreational park and residential development are located farther north of the Site followed by a reservoir located approximately 0.42-miles north of the Site. To the east, the Site is bordered by East Orange Avenue followed by vacant land and residential development. Saturn Street followed by a commercial development then a substation operated by Southern California Edison and the California Highway 60 is located south of the Site. A closed landfill, the Operating Industries, Inc. Landfill Superfund site, is located approximately 0.38-miles southeast and south of the Site. The Site is bordered to the west by commercial development followed by residential development.

7.0 PHASE I ESA CONCLUSIONS AND RECOMMENDATIONS

This report presents the results of a Phase I ESA performed at the property located at 1977 Saturn Street in Monterey Park, California. The purpose of the investigation is to identify the potential presence of RECs at the Site.

A REC refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment. The following REC was identified during the course of this assessment:

- Two 10,000-gallon and one 2,000-gallon diesel UST were historically present at the Site to supply an emergency generator system. Limited subsurface investigations were conducted in the vicinity of the USTs in 2007 and 2014. Low concentrations of TPH-d that were all below regulatory screening criteria were reported in 2007 and no VOCs or TPH-d were reported above laboratory reporting limits in the 2014 investigation. The tanks were removed from the Site in 2018 with soil and water samples collected at the time of removal from within the excavation cavity and below the former piping. Samples collected at the time of tank removal did not report concentrations of TPH-d above the laboratory method reporting limits within the tank excavation cavity and only low concentration of TPH-d were reported below regulatory screening criteria in samples beneath the former piping. However, it was noted that no soil sampling was conducted beneath the concrete pads below the UST. The Site is currently listed on the RWQCB GeoTracker website as an inactive LUST cleanup site as of February 11, 2022, related to these tanks pending review by the RWQCB. A closure report documenting the above referenced soil sampling dated December 7, 2018, was submitted to and received by the LACDPW in January 2019. The case was referred to the RWQCB on April 27, 2020, and is currently pending their review and response. In the absence of a closure/NFA) letter from the RWQCB and during this time of review, if redevelopment work is planned in this area, Northgate recommends contacting the RWQCB to ensure work is in compliance with their requirements. Based on the data provided in the reports, it is Northgate's opinion that there is a reasonable expectation that the RWQCB will grant a non-case determination for the Site. Typically, non-case determinations indicate that the RWQCB will not open a case and will not require any further action, but will indicate that residual concentrations left in place may require management if subsurface activities are implemented, or evaluation if the land use changes from commercial to residential.

A Controlled REC (CREC) refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The following was identified during the course of this assessment:

- Northgate did not identify any CRECs during the course of this assessment.

A Historical REC (HREC) refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. The following was identified during the course of this assessment:

- Northgate did not identify any HRECs during the course of this assessment.

8.0 REFERENCES

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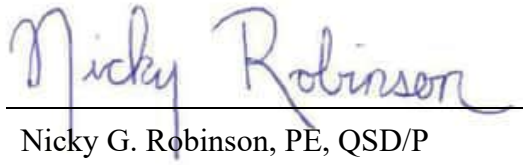
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URS, 2014. *URS Project No. 14966609, Observation of Limited Subsurface Investigation Activities, 1977 Saturn, Monterey Park, California. December 11.*

9.0 ENVIRONMENTAL PROFESSIONAL STATEMENT

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312, and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Nicky G. Robinson, PE, QSD/P
Senior Engineer



Derrick S. Willis
Principal

Qualifications of the Environmental Professionals are provided in Appendix I.

FIGURES

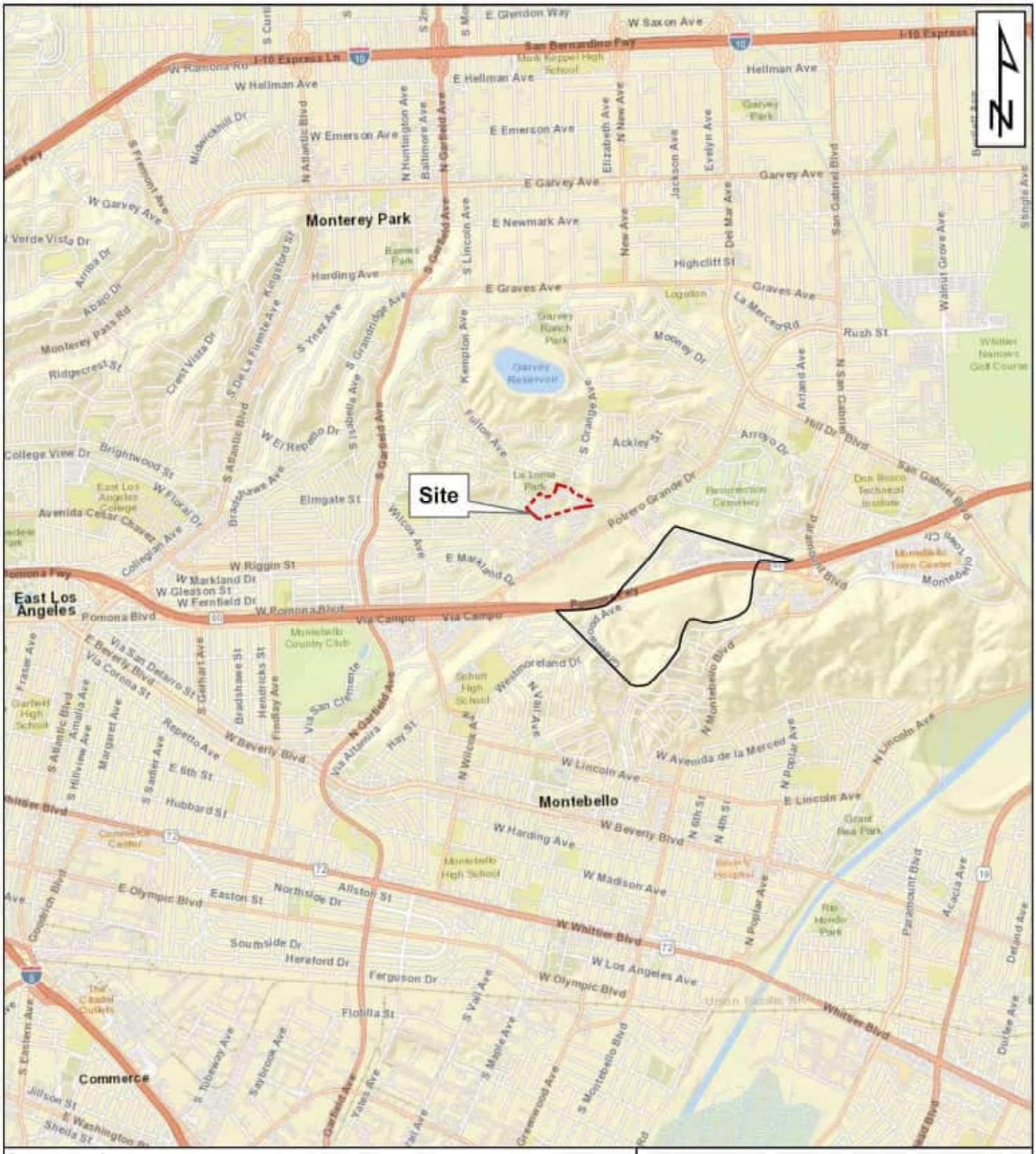


FIGURE 1

Site Vicinity Map

Phase I Environmental Site Assessment
1977 Saturn Street
Monterey Park, California

DATE	PROJECT NUMBER
2/11/2022	2112.15

northgate environmental management, inc.

Document Path: D:\ArcGIS\Packages\2112.15-Saturn\Project\Figure1.aprx



Legend

- Site Boundary
- Building Footprint
- Approximate UST Location
- Historic Plugged Dryhole

0 50 100 200 Feet

FIGURE 2

Site Plan

Phase I Environmental Site Assessment
1977 Saturn Street
Monterey Park, California

DATE	PROJECT NUMBER
2/11/2022	2112.15

northgate

Document Path: D:\ArcGIS\Packages\2112.15-Saturn\Project\Figure2.aprx

SITE PHOTOGRAPHS



1 - Main Property **Date:** 02/10/2022

View of the commercial office building on the left and the utility building on the right from the northeast portion of the Site - view facing southwest.



2 - Main Property **Date:** 02/10/2022

View of the western portion of the Site - view facing west.



3 - Main Property

Date: 02/10/2022

Typical view inside the commercial office building.



4 - Main Property

Date: 02/10/2022

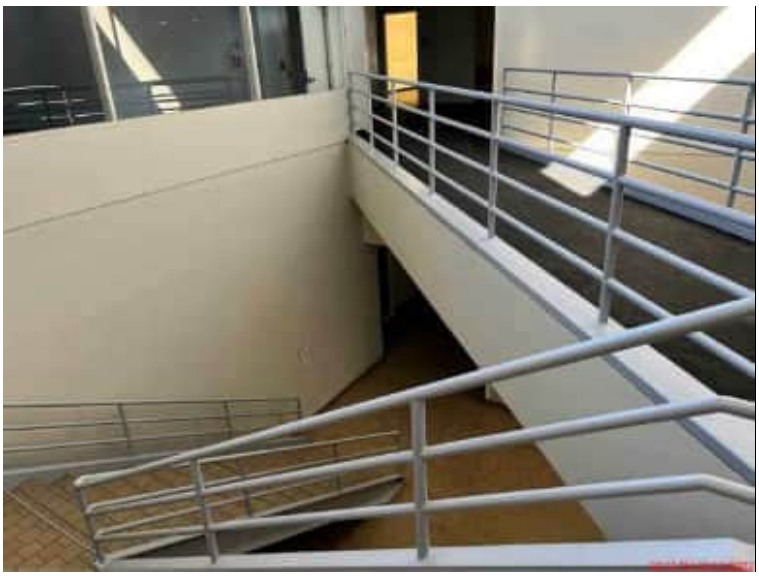
Former server room located within the commercial office building.



5 - Main Property

Date: 02/10/2022

Entrance of the commercial office building.



6 - Main Property

Date: 02/10/2022

Typical view of the staircase inside the commercial office building.



7 - Main Property

Date: 02/10/2022

Typical office space within the commercial office building.



8 - Main Property

Date: 02/10/2022

Typical view of the restrooms inside the commercial office building.



9 - Main Property

Date: 02/10/2022

Typical view of on-Site chiller towers located on the roof of the commercial office building.



10 - Main Property

Date: 02/10/2022

Typical chemicals used for chiller tower in secondary containment.



11 - Main Property

Date: 02/10/2022

Typical view of the blower rooms located on the roof of the commercial office building.



12 - Main Property

Date: 02/15/2022

Pulley equipment for on-Site elevator located within the commercial office building.



13 - Main Property **Date:** 02/10/2022

Patched asphalt where former underground storage tanks (USTs) and associated piping was removed, located north of the commercial building - view facing north.



14 - Main Property **Date:** 02/10/2022

View of the utility building to the right - view facing northeast.



15 - Main Property

Date: 02/10/2022

View of the diesel-powered backup generator located inside of the utility building.



16 - Main Property

Date: 02/10/2022

Former battery room and associated air conditioning units located within the utility building.



17 - Main Property

Date: 02/10/2022

Storage space located within the utility building.



18 - Adjacent Properties

Date: 02/10/2022

Site in foreground followed by north adjacent water tanks - view facing north.



19 - Adjacent Properties

Date: 02/10/2022

Site in foreground followed by south adjacent Saturn Street then a commercial building - view facing south.



20 - Adjacent Properties

Date: 02/10/2022

East adjacent South Orange Avenue followed by landscaping company - view facing north.



21 - Adjacent Properties

Date: 02/10/2022

West adjacent commercial building - view facing west.

APPENDIX A

EDR ENVIRONMENTAL LIEN AND AUL SEARCH REPORT

1977 Saturn Street
1977 Saturn Street
Monterey Park, CA 91755

Inquiry Number: 6846152.7
February 07, 2022

EDR Environmental Lien and AUL Search

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

1977 Saturn Street
1977 Saturn Street
Monterey Park, CA 91755

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found ☐ Not Found ☒

RESEARCH SOURCE

Source 1:

LARecorder
Los Angeles, CA

PROPERTY INFORMATION

Deed 1:

Type of Deed:	deed
Title is vested in:	BRE CA Saturn LLC
Title received from:	BRE CA Office Owner LLC
Deed Dated	4/30/2018
Deed Recorded:	5/15/2018
Book:	NA
Page:	na
Volume:	na
Instrument:	na
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	BRE CA Saturn LLC
Parcel # / Property Identifier:	5265-026-054
Comments:	See Exhibit

Deed Exhibit 1

This page is part of your document - DO NOT DISCARD

20180477180

Recorded/Filed in Official Records
Recorder's Office, Los Angeles County,
California

05/15/18 AT 08:00AM

Pages:
0005

FEES:	31.00
TAXES:	0.00
OTHER:	0.00
SB2:	75.00
PAID:	106.00

LEADSHEET

201805150120029

00015242759

009084281

SEQ:
13

DAR - Title Company (Hard Copy)

THIS FORM IS NOT TO BE DUPLICATED

T55

9

RECORDING REQUESTED BY:

Lexington National Land Services



WHEN RECORDED, MAIL THIS DEED TO:

Pircher, Nichols & Meeks LLP
1901 Avenue of the Stars, Suite 1260
Los Angeles, CA 90067
Attention: Real Estate Notices (5105.084:DHEARA)

MAIL TAX STATEMENTS TO:

c/o Property Tax
P.O. Box A-3879
Chicago, IL 60690-3879
Attn: Corrina Ellis

APN No.: 5265-026-054

(Space Above for Recorder's Use)

THE UNDERSIGNED GRANTOR(S) DECLARE(S)
DOCUMENTARY TRANSFER TAX is $ N/A 0 CITY TAX $ 0
☐ Computed on full value of property conveyed, or
☐ Computed on full value less value of liens or encumbrances remaining at time of sale.
☐ Unincorporated area: ☐ City of Los Angeles.

GRANT DEED

FOR VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, BRE CA Office Owner LLC, a Delaware limited liability company ("**Grantor**"), does hereby GRANT to BRE CA Saturn LLC, a Delaware limited liability company ("**Grantee**"), all of that certain real property in the County of Los Angeles, State of California, as more particularly described in **Exhibit A** attached hereto and incorporated herein by this reference and made a part hereof (the "**Land**"), together with any and all structures and improvements located thereon, all of Grantor's right, title and interest in and to the rights, benefits, privileges, easements, tenements, hereditaments, and appurtenances to the extent belonging or appertaining to the Land or such structures and improvements (collectively, the "**Property**").

Mail tax statements as directed above.

This conveyance is made and accepted subject to all real property taxes and assessments that are not yet delinquent, all matters of record, and all matters that would be reflected on an accurate survey or shown by a physical inspection of the Property, as of the date hereof.

(Signature page follows.)

FIDELITY NATIONAL TITLE INSURANCE COMPANY HAS RECORDED THIS INSTRUMENT BY REQUEST AS AN ACCOMMODATION ONLY AND HAS NOT EXAMINED IT FOR REGULARITY AND SUFFICIENCY OR AS TO ITS EFFECT UPON THE TITLE TO ANY REAL PROPERTY THAT MAY BE DESCRIBED THEREIN

13

2-7567.12

IN WITNESS WHEREOF, Grantor has caused this instrument to be executed on April 30, 2018.

"GRANTOR"

BRE CA Office Owner LLC,
a Delaware limited liability company

By: _____
Name: Jason Carson
Title: Vice President

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of NEW YORK)
County of NEW YORK)

On APRIL 24, 2018 before me, JOHN PEREZ, a Notary Public, personally appeared Joshua Carson, Vice President of BRE CA Office Owner LLC who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of NY that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

JOHN PEREZ
Notary Public, State of New York
No. 01PE6272186
Qualified in Westchester County
Commission Expires April 17, 2019

EXHIBIT A

LEGAL DESCRIPTION

That certain land situated in the City of Monterey Park, County of Los Angeles, State of California, and described as follows:

PARCEL 1:

PARCEL 5 OF PARCEL MAP NO. 5972, IN THE CITY OF MONTEREY PARK, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP FILED IN BOOK 80 PAGES 45 AND 46 OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

ALSO EXCEPTING ALL OIL, GAS, HYDROCARBON SUBSTANCES RESERVED IN THE DEED RECORDED APRIL 8, 1977 AS INSTRUMENT NO. 77-354323, RECORDS OF LOS ANGELES COUNTY.

ALSO EXCEPTING ALL OIL, GAS, HYDROCARBON SUBSTANCES, AND ALL MINERALS OF EVERY KIND, NATURE AND DESCRIPTION BEING MORE THAN 500 FEET BELOW THE SURFACE OF THE REAL PROPERTY WITHOUT THE RIGHT OF ENTRY FOR ANY PURPOSE WHATSOEVER UPON, OVER OR INTO THE SURFACE OR 500 FEET OF THE SURFACE OF THE REAL PROPERTY, AS RESERVED BY LOWRY B. MCCASLIN AND PAULINE C. MCCASLIN, HUSBAND AND WIFE AND MCCASLIN PROPERTIES, A CALIFORNIA GENERAL PARTNERSHIP, BY DEED RECORDED DECEMBER 10, 1985 AS INSTRUMENT NO. 85-1456239, OFFICIAL RECORDS.

PARCEL 2:

LOTS 1, 2, 3 AND 16 OF TRACT NO. 33916, IN THE CITY OF MONTEREY PARK, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 909 PAGES 78 TO 79 INCLUSIVE OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

ALSO EXCEPTING ALL OIL, GAS, HYDROCARBON SUBSTANCES, AND ALL MINERALS OF EVERY KIND, NATURE AND DESCRIPTION BEING MORE THAN 500 FEET BELOW THE SURFACE OF THE REAL PROPERTY WITHOUT THE RIGHT OF ENTRY FOR ANY PURPOSE WHATSOEVER UPON, OVER OR INTO THE SURFACE OR 500 FEET OF THE SURFACE OF THE REAL PROPERTY, AS RESERVED BY LOWRY B. MCCASLIN AND PAULINE C. MCCASLIN, HUSBAND AND WIFE AND MCCASLIN PROPERTIES, A CALIFORNIA GENERAL PARTNERSHIP, BY DEED RECORDED DECEMBER 10, 1985 AS INSTRUMENT NO. 85-1456239, OFFICIAL RECORDS.

ASSESSOR'S PARCEL NUMBER: 5265-026-054

APPENDIX B

THE EDR RADIUS MAP™ REPORT WITH GEOCHECK®

1977 Saturn Street
1977 Saturn Street
Monterey Park, CA 91755

Inquiry Number: 6846152.2s
February 04, 2022

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

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Physical Setting Source Summary	A-2
Physical Setting Source Map	A-9
Physical Setting Source Map Findings	A-10
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1977 SATURN STREET
MONTEREY PARK, CA 91755

COORDINATES

Latitude (North):	34.0404680 - 34ˆ 2' 25.68''
Longitude (West):	118.1141730 - 118ˆ 6' 51.02''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	397152.6
UTM Y (Meters):	3767008.2
Elevation:	382 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	12021687 EL MONTE, CA
Version Date:	2018
West Map:	12021699 LOS ANGELES, CA
Version Date:	2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140513
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1977 SATURN STREET
MONTEREY PARK, CA 91755

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	SANWA BANK CALIFORNI	1977 SATURN ST	RCRA-SQG, SWEEPS UST, HAZNET, LOS ANGELES CO. HMS,...		TP
A2	SANWA BANK	1977 SATURN ST	UST		TP
A3	EQUITY OFFICE	1977 SATURN ST	RCRA NonGen / NLR		TP
A4	EQUITY OFFICE	1977 SATURN ST	FINDS, ECHO		TP
A5	BRE CA SATURN LLC	1977 SATURN ST	EMI, LOS ANGELES CO. HMS		TP
A6	1977 SATURN	1977 SATURN ST	UST		TP
A7	BANK OF THE WEST	1977 SATURN ST	HAZNET, HWTS		TP
A8	BANK OF THE WEST	1977 SATURN ST	FINDS		TP
A9	UNITED CA BANK	1977 SATURN ST	FINDS, ECHO		TP
A10	EQUITY OFFICE	1977 SATURN ST	HAZNET, HWTS		TP
Reg	NEW CURE, INC.	2550 GREENWOOD AVENU	NPL, SEMS, CORRACTS, RCRA-TSDF, RCRA-SQG, US ENG..	Same	841, 0.159, SSE
B11	ROSS NAME PLATE CO	2 RED PLUM CIRCLE	HAZNET, HWTS	Lower	1 ft.
B12	ROSS NAME PLATE CO	2 RED PLUM CIRCLE	FINDS, ECHO	Lower	1 ft.
B13	ROSS NAME PLATE CO	NUMBER 2 RED PLUM CR	RCRA-LQG, SWEEPS UST, CA FID UST	Lower	1 ft.
B14	ROSS NAME PLATE CO	2 RED PLUM CIRCLE	CERS HAZ WASTE, EMI, LOS ANGELES CO. HMS, NPDES,...	Lower	1 ft.
B15	DANIEL ROSALES	1980 SATURN STREET	RCRA NonGen / NLR	Lower	95, 0.018, South
B16	UNION BANK OPERATION	1980 SATURN ST	SWEEPS UST	Lower	95, 0.018, South
B17	UNION BANK	1980 SATURN STREET	RCRA NonGen / NLR	Lower	95, 0.018, South
B18	UNION BANK OPERATION	1980 SATURN ST	UST	Lower	95, 0.018, South
B19	UNION BANK	1980 SATURN ST	UST	Lower	95, 0.018, South
B20	UNION BANK	1980 SATURN ST	CERS TANKS, CERS, HWTS	Lower	95, 0.018, South
C21	JOSEPH DELGADILLO	2004 CLOVER DR	RCRA NonGen / NLR	Lower	98, 0.019, West
D22	UNION BANK	2001 SATURN ST	AST	Lower	183, 0.035, SW
D23	UNION BANK	2001 SATURN ST	CERS TANKS, CERS	Lower	183, 0.035, SW
E24	NICOLE HUI	698 TAYLOR DRIVE	RCRA NonGen / NLR	Higher	212, 0.040, NNE
F25	LAI MOY & CORY NAKAU	598 TAYLOR DR	RCRA NonGen / NLR	Higher	228, 0.043, North
C26	NADJA CALDERON	2007 CLOVER DR	RCRA NonGen / NLR	Lower	237, 0.045, West
E27	JACK MIYAGAWA	651 TAYLOR DRIVE	RCRA NonGen / NLR	Higher	343, 0.065, NNE
E28	JACK MIYAGAWA	651 TAYLOR DR	RCRA NonGen / NLR	Higher	343, 0.065, NNE
F29	DAVE JONES	599 TAYLOR DRIVE	RCRA NonGen / NLR	Higher	354, 0.067, North
G30	BATES SHELL SERVICE	745 E TAYLOR DR	EDR Hist Auto	Higher	406, 0.077, NE
D31	ALPHA PHOTONICS	2019 SATURN ST	RCRA-SQG, FINDS, ECHO	Lower	432, 0.082, SW
D32	ALPHA PHOTONICS, INC	2019 SATURN STREET	ENVIROSTOR, LOS ANGELES CO. HMS, LA Co. Site...	Lower	432, 0.082, SW
G33	RANDALL NAKASHIMA	763 TAYLOR DR	RCRA NonGen / NLR	Higher	461, 0.087, NE
H34	ROSS NAMEPLATE CO.	RED PLUM CIRCLE, #2	ENVIROSTOR	Lower	583, 0.110, WSW
I35	DONALD AND JOAN KARY	599 HARRISON ROAD	RCRA NonGen / NLR	Higher	594, 0.112, North
36	ERLINDA SOSNOSKI	1981 FULTON AVE	RCRA NonGen / NLR	Lower	618, 0.117, WNW
H37	TMC POWER EQUIPMENT,	2051 SATURN STREET	RCRA NonGen / NLR	Lower	660, 0.125, SW
I38	ANGEL SANCHEZ	624 ACKLEY STREET	RCRA NonGen / NLR	Higher	698, 0.132, North

MAPPED SITES SUMMARY

Target Property Address:
1977 SATURN STREET
MONTEREY PARK, CA 91755

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J39	OPERATING INDUSTRIES	900 POTRERO GRANDE	ENVIROSTOR, SWF/LF, HIST UST, DEED, LDS, Cortese,...	Lower	723, 0.137, ESE
J40	GETTY SYNTHETIC FUEL	900 POTRERO GRANDE	RCRA-SQG, ICIS, FINDS, ECHO	Lower	723, 0.137, ESE
J41	OPERATING INDUSTRIES	900 POTRERO GRANDE D	WMUDS/SWAT, CA BOND EXP. PLAN, LOS ANGELES CO LF.	Lower	723, 0.137, ESE
J42	OPERATING INDUSTRIES	900 PORTERO GRANDE	SWEEPS UST	Lower	723, 0.137, ESE
J43	OPERATING INDUSTRIES	900 POTRERO GRANDE D	HIST Cal-Sites, HIST UST	Lower	723, 0.137, ESE
J44	ATHENS DISPOSAL	900 E POTRERO GRANDE	SWEEPS UST	Lower	723, 0.137, ESE
45	WILDA LAW	509 TAYLOR DR.	RCRA NonGen / NLR	Higher	766, 0.145, NNW
K46	MESA WATERLINE RELOC	1101 POTRERO GRANDE	RCRA NonGen / NLR	Lower	839, 0.159, ESE
J47	MONTEBELLO SERVICE C	1000 POTRERO GRANDE	LUST, Cortese	Lower	840, 0.159, ESE
J48	SOUTHERN CALIFORNIA	1000 POTRERO GRANDE	LUST, Cortese, HIST CORTESE, NPDES, LA Co. Site...	Lower	840, 0.159, ESE
J49	SCE MONTEBELLO SERVI	1000 POTRERO GRANDE	CERS HAZ WASTE, SWEEPS UST, CERS TANKS, CA FID...	Lower	840, 0.159, ESE
J50	MONTEREY PARK DISTRI	1000 POTRERO GRANDE	HIST UST	Lower	840, 0.159, ESE
J51	SCE - MONTEBELLO SER	1000 POTRERO GRANDE	UST	Lower	840, 0.159, ESE
J52	SCE MONTEBELLO SERVI	1000 E POTRERO GRAND	RCRA-LQG	Lower	840, 0.159, ESE
J53	OPERATING INDUSTRIES	1000 POTRERO GRANDE	ODI	Lower	840, 0.159, ESE
J54	SOUTHERN CALIFORNIA	1000 POTRERO GRANDE	RCRA-SQG, FINDS	Lower	840, 0.159, ESE
J55		1000 POTRERO GRANDE	AST	Lower	840, 0.159, ESE
J56	SOUTHERN CALIFORNIA	1000 POTRERO GRANDE	AST, HIST UST, HAZNET, CERS, HWTS	Lower	841, 0.159, ESE
L57	ROBERT PERRY	420 ACKLEY ST	RCRA NonGen / NLR	Lower	849, 0.161, NW
L58	ROBERT PERRY	420 ACKLEY ST	RCRA NonGen / NLR	Lower	849, 0.161, NW
M59	DENNIS YAMANOUYE	1871 S ORANGE AVE	RCRA NonGen / NLR	Higher	920, 0.174, NNE
60	ERNESTINA CASTELLANO	1912 PALM AVE	RCRA NonGen / NLR	Higher	924, 0.175, NE
M61	RUTH WONG	1860 S. ORANGE AVE	RCRA NonGen / NLR	Higher	957, 0.181, NNE
M62	CITY Y OF MONTEREY P	1860 S. ORANGE AVE	RCRA NonGen / NLR	Higher	957, 0.181, NNE
N63	MOBAY CHEM CORP MONT	17 CUPANIA CIR	RCRA-SQG, FINDS, ECHO	Lower	966, 0.183, SW
O64	SCE MESA SUBSTATION	700 E POTRERO GRANDE	RCRA-LQG	Lower	972, 0.184, SSE
O65	MESA SUBSTATION	700 E. POTRERO GRAND	RCRA-SQG	Lower	972, 0.184, SSE
O66	MESA SUBSTATION	700 POTRERO GRANDE D	HIST UST	Lower	972, 0.184, SSE
O67	SCE - MESA SUBSTATIO	700 E POTRERO GRANDE	LUST, Cortese, LOS ANGELES CO. HMS, CERS	Lower	972, 0.184, SSE
O68	MESA SUBSTATION	700 EAST POTRERO GRA	HIST UST	Lower	972, 0.184, SSE
O69	SCE MESA SUBSTATION	700 EAST POTRERO GRA	AST, CERS HAZ WASTE, SWEEPS UST, CA FID UST, CERS...	Lower	972, 0.184, SSE
N70	588 ATLAS	588 ATLAS AVE	RCRA NonGen / NLR	Lower	1005, 0.190, SW
K71	POWER GRADE MESA SUB	2110 GREENWOOD AVE	RCRA NonGen / NLR	Lower	1005, 0.190, ESE
M72	MARION SOMIMOTO	1840 S ORANGE AVE	RCRA NonGen / NLR	Higher	1020, 0.193, NNE
M73	MARION SUMIMOTO	1840 S ORANGE AVE	RCRA NonGen / NLR	Higher	1020, 0.193, NNE
74	MOMI NARIKOYO	1863 ASH	RCRA NonGen / NLR	Higher	1086, 0.206, ENE
M75	AMEY ENOMOTO	696 WILSON PLACE	RCRA NonGen / NLR	Higher	1090, 0.206, NNE
M76	AMEY ENOMOTO	696 WILSON PLACE	RCRA NonGen / NLR	Higher	1090, 0.206, NNE
P77	ERNEST GUZMAN	1852 BUCHANAN PLACE	RCRA NonGen / NLR	Higher	1140, 0.216, NNW

MAPPED SITES SUMMARY

Target Property Address:
1977 SATURN STREET
MONTEREY PARK, CA 91755

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
P78	WENDY LUI	500 VAN BUREN DR	RCRA NonGen / NLR	Higher	1213, 0.230, NNW
79	YONEO INOUYE	1793 ADAMS WAY	RCRA NonGen / NLR	Higher	1234, 0.234, NNW
80	JEAN KOBATA	743 ACKLEY ST	RCRA NonGen / NLR	Higher	1236, 0.234, NE
Q81	SHELL SERVICE STATIO	430 POTRERO GRANDE	LUST, Cortese, HIST CORTESE, CERS	Lower	1735, 0.329, SSW
Q82	SHELL OIL COMPANY #	430 E POTRERO GRANDE	LUST, CERS HAZ WASTE, SWEEPS UST, CA FID UST, CERS.	Lower	1735, 0.329, SSW
83	AMCAL MULTI-HOUSING	1427-33 S.GARVEY AVE	ENVIROSTOR	Lower	4707, 0.891, WSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
SANWA BANK CALIFORNI 1977 SATURN ST MONTEREY PARK, CA 91754	RCRA-SQG EPA ID:: CAD982463895 SWEEPS UST Status: A Tank Status: A Comp Number: 7311 HAZNET GEPAID: CAC002886409 LOS ANGELES CO. HMS Facility ID: 6994-I07311 Facility ID: 6994-007311 Facility ID: 6994-062151 HWTS	CAD982463895
SANWA BANK 1977 SATURN ST MONTEREY PARK, CA 91755	UST Database: UST, Date of Government Version: 09/07/2021 Facility Id: 7311	N/A
EQUITY OFFICE 1977 SATURN ST MONTEREY PARK, CA 91755	RCRA NonGen / NLR EPA ID:: CAC002986628	CAC002986628
EQUITY OFFICE 1977 SATURN ST MONTEREY PARK, CA 91755	FINDS Registry ID:: 110070439637 ECHO Registry ID: 110070439637	N/A
BRE CA SATURN LLC 1977 SATURN ST MONTEREY PARK, CA 91755	EMI Facility Id: 63620 LOS ANGELES CO. HMS Facility ID: 6994-065226 Facility ID: 6994-065372	N/A
1977 SATURN 1977 SATURN ST MONTEREY PARK, CA 91755	UST Database: UST, Date of Government Version: 09/07/2021 Facility Id: LACoFA0024090	N/A
BANK OF THE WEST 1977 SATURN ST MONTEREY PARK, CA 91755	HAZNET	N/A

	GEPAID: CAD982463895 HWTS	
BANK OF THE WEST 1977 SATURN ST MONTEREY PARK, CA 91755	FINDS Registry ID:: 110065977090	N/A
UNITED CA BANK 1977 SATURN ST MONTEREY PARK, CA 91754	FINDS Registry ID:: 110018947773 ECHO Registry ID: 110018947773	N/A
EQUITY OFFICE 1977 SATURN ST MONTEREY PARK, CA 91755	HAZNET GEPAID: CAC002986628 HWTS	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

Proposed NPL ---- Proposed National Priority List Sites
NPL LIENS ---- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---- Federal Facility Site Information listing

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ---- Superfund Enterprise Management System Archive

Lists of Federal RCRA generators

RCRA-VSQG ---- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---- Land Use Control Information System
US INST CONTROLS ---- Institutional Controls Sites List

Federal ERNS list

ERNS ---- Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE ---- State Response Sites

Lists of state and tribal leaking storage tanks

INDIAN LUST ---- Leaking Underground Storage Tanks on Indian Land
CPS-SLIC ---- Statewide SLIC Cases

Lists of state and tribal registered storage tanks

FEMA UST ---- Underground Storage Tank Listing
INDIAN UST ---- Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

VCP ---- Voluntary Cleanup Program Properties
INDIAN VCP ---- Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS ---- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY ---- Recycler Database
HAULERS ---- Registered Waste Tire Haulers Listing
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS ---- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---- Delisted National Clandestine Laboratory Register
AOCONCERN ---- Key Areas of Concerns in Los Angeles County
SCH ---- School Property Evaluation Program
CDL ---- Clandestine Drug Labs
Toxic Pits ---- Toxic Pits Cleanup Act Sites

US CDL ..... National Clandestine Laboratory Register
PFAS ..... PFAS Contamination Site Location Listing
AQUEOUS FOAM ..... Former Fire Training Facility Assessments Listing

Local Land Records

LIENS ..... Environmental Liens Listing
LIENS 2 ..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
CHMIRS ..... California Hazardous Material Incident Report System
LDS ..... Land Disposal Sites Listing
MCS ..... Military Cleanup Sites Listing
SPILLS 90 ..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS ..... Formerly Used Defense Sites
DOD ..... Department of Defense Sites
SCRD DRYCLEANERS ..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ..... Financial Assurance Information
EPA WATCH LIST ..... EPA WATCH LIST
2020 COR ACTION ..... 2020 Corrective Action Program List
TSCA ..... Toxic Substances Control Act
TRIS ..... Toxic Chemical Release Inventory System
SSTS ..... Section 7 Tracking Systems
RMP ..... Risk Management Plans
RAATS ..... RCRA Administrative Action Tracking System
PRP ..... Potentially Responsible Parties
PADS ..... PCB Activity Database System
ICIS ..... Integrated Compliance Information System
FTTS ..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ..... Material Licensing Tracking System
COAL ASH DOE ..... Steam-Electric Plant Operation Data
COAL ASH EPA ..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ..... PCB Transformer Registration Database
RADINFO ..... Radiation Information Database
HIST FTTS ..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ..... Incident and Accident Data
INDIAN RESERV ..... Indian Reservations
FUSRAP ..... Formerly Utilized Sites Remedial Action Program
UMTRA ..... Uranium Mill Tailings Sites
LEAD SMELTERS ..... Lead Smelter Sites
US AIRS ..... Aerometric Information Retrieval System Facility Subsystem
US MINES ..... Mines Master Index File
ABANDONED MINES ..... Abandoned Mines
UXO ..... Unexploded Ordnance Sites
DOCKET HWC ..... Hazardous Waste Compliance Docket Listing
FUELS PROGRAM ..... EPA Fuels Program Registered Listing
CUPA Listings ..... CUPA Resources List
DRYCLEANERS ..... Cleaner Facilities
ENF ..... Enforcement Action Listing

Financial Assurance ---- Financial Assurance Information Listing
ICE ---- ICE
HWT ---- Registered Hazardous Waste Transporter Database
MINES ---- Mines Site Location Listing
MWMP ---- Medical Waste Management Program Listing
PEST LIC ---- Pesticide Regulation Licenses Listing
PROC ---- Certified Processors Database
Notify 65 ---- Proposition 65 Records
LA Co. Site Mitigation ---- Site Mitigation List
UIC ---- UIC Listing
UIC GEO ---- UIC GEO (GEOTRACKER)
WASTEWATER PITS ---- Oil Wastewater Pits Listing
WDS ---- Waste Discharge System
WIP ---- Well Investigation Program Case List
MILITARY PRIV SITES ---- MILITARY PRIV SITES (GEOTRACKER)
PROJECT ---- PROJECT (GEOTRACKER)
WDR ---- Waste Discharge Requirements Listing
NON-CASE INFO ---- NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS ---- OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS ---- PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT ---- SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ ---- Well Stimulation Project (GEOTRACKER)
MINES MRDS ---- Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---- EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner ---- EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---- Recovered Government Archive Solid Waste Facilities List
RGA LUST ---- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 10/20/2021 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW CURE, INC. Cerclis ID:: 902673 EPA Id: CAT080012024	***2550 GREENWOOD AVENU***	***SSE 1/8 - 1/4 (0.159 mi.)***	***0***	***45***

Lists of Federal sites subject to CERCLA removals and CERCLA orders

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 10/20/2021 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW CURE, INC. Site ID: 0902673 EPA Id: CAT080012024	***2550 GREENWOOD AVENU***	***SSE 1/8 - 1/4 (0.159 mi.)***	***0***	***45***

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/13/2021 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW CURE, INC. EPA ID:: CAT080012024	***2550 GREENWOOD AVENU***	***SSE 1/8 - 1/4 (0.159 mi.)***	***0***	***45***

EXECUTIVE SUMMARY

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-TSDF list, as provided by EDR, and dated 09/13/2021 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW CURE, INC. EPA ID:: CAT080012024	***2550 GREENWOOD AVENU***	***SSE 1/8 - 1/4 (0.159 mi.)***	***0***	***45***

Lists of Federal RCRA generators

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 09/13/2021 has revealed that there are 3 RCRA-LQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROSS NAME PLATE CO EPA ID:: CAD981685373	***NUMBER 2 RED PLUM CR***	***0 - 1/8 (0.000 mi.)***	***B13***	***135***
SCE MONTEBELLO SERVI EPA ID:: CAR000195891	1000 E POTRERO GRAND	ESE 1/8 - 1/4 (0.159 mi.)	J52	295
SCE MESA SUBSTATION EPA ID:: CAR000203182	700 E POTRERO GRANDE	SSE 1/8 - 1/4 (0.184 mi.)	O64	373

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 09/13/2021 has revealed that there are 6 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW CURE, INC. EPA ID:: CAT080012024	***2550 GREENWOOD AVENU***	***SSE 1/8 - 1/4 (0.159 mi.)***	***0***	***45***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ALPHA PHOTONICS	***2019 SATURN ST***	***SW 0 - 1/8 (0.082 mi.)***	***D31***	***204***

EPA ID:: CAR000087692				
GETTY SYNTHETIC FUEL EPA ID:: CAD980895478	***900 POTRERO GRANDE***	***ESE 1/8 - 1/4 (0.137 mi.)***	***J40***	***245***
SOUTHERN CALIFORNIA EPA ID:: CAD980881775	***1000 POTRERO GRANDE***	***ESE 1/8 - 1/4 (0.159 mi.)***	***J54***	***299***
MOBAY CHEM CORP MONT EPA ID:: CAD066647306	***17 CUPANIA CIR***	***SW 1/8 - 1/4 (0.183 mi.)***	***N63***	***370***
MESA SUBSTATION EPA ID:: CAD981694813	700 E. POTRERO GRAND	SSE 1/8 - 1/4 (0.184 mi.)	O65	377

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 08/23/2021 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW CURE, INC. EPA ID:: CAT080012024 EPA ID:: CAT080012024	***2550 GREENWOOD AVENU***	***SSE 1/8 - 1/4 (0.159 mi.)***	***0***	***45***

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/25/2021 has revealed that there are 4 ENVIROSTOR sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ALPHA PHOTONICS, INC Facility Id: 71003355 Status: Refer: Other Agency	***2019 SATURN STREET***	***SW 0 - 1/8 (0.082 mi.)***	***D32***	***208***
ROSS NAMEPLATE CO. Facility Id: 71002913 Status: Refer: Other Agency	RED PLUM CIRCLE, #2	WSW 0 - 1/8 (0.110 mi.)	H34	212
OPERATING INDUSTRIES Facility Id: 19490207	***900 POTRERO GRANDE***	***ESE 1/8 - 1/4 (0.137 mi.)***	***J39***	***223***

Facility Id: 80001837
Status: Certified / Operation & Maintenance
Status: Refer: SMBRP

AMCAL MULTI-HOUSING	1427-33 S.GARVEY AVE	WSW 1/2 - 1 (0.891 mi.)	83	439

Facility Id: 19950003
Status: Refer: 1248 Local Agency

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OPERATING INDUSTRIES	***900 POTRERO GRANDE***	***ESE 1/8 - 1/4 (0.137 mi.)***	***J39***	***223***

Database: LOS ANGELES CO. LF, Date of Government Version: 10/08/2021
Database: SWF/LF (SWIS), Date of Government Version: 11/08/2021
Facility ID: 19-AA-0836
Site ID: 1993
Status: Closed
Operational Status: Closed
Regulation Status: Unpermitted

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 5 LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MONTEBELLO SERVICE C	***1000 POTRERO GRANDE***	***ESE 1/8 - 1/4 (0.159 mi.)***	***J47***	***275***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Global ID: T0603703289
Facility Id: I-07315
Status: Case Closed

SOUTHERN CALIFORNIA	***1000 POTRERO GRANDE***	***ESE 1/8 - 1/4 (0.159 mi.)***	***J48***	***276***

Database: LUST, Date of Government Version: 09/07/2021
Status: Completed - Case Closed
Global Id: T10000004493
Global Id: T0603703289

SCE - MESA SUBSTATIO	***700 E POTRERO GRANDE***	***SSE 1/8 - 1/4 (0.184 mi.)***	***O67***	***381***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/07/2021

Global ID: T0601993710
Status: Completed - Case Closed
Facility Id: R-12371
Status: Case Closed
Global Id: T0601993710

SHELL SERVICE STATIO ***430 POTRERO GRANDE*** ***SSW 1/4 - 1/2 (0.329 mi.)*** ***Q81*** ***419***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/07/2021
Global ID: T0603703429
Status: Completed - Case Closed
Facility Id: I-09487
Status: Case Closed
Global Id: T0603703429
Global Id: T0603789423

SHELL OIL COMPANY # ***430 E POTRERO GRANDE*** ***SSW 1/4 - 1/2 (0.329 mi.)*** ***Q82*** ***425***
Database: LUST, Date of Government Version: 09/07/2021
Status: Completed - Case Closed
Global Id: T10000000993

Lists of state and tribal registered storage tanks

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNION BANK OPERATION Database: UST, Date of Government Version: 09/07/2021 Facility Id: 8139	1980 SATURN ST	S 0 - 1/8 (0.018 mi.)	B18	160
UNION BANK Database: UST, Date of Government Version: 09/07/2021 Facility Id: LACoFA0024092	1980 SATURN ST	S 0 - 1/8 (0.018 mi.)	B19	160
SCE - MONTEBELLO SER Database: UST, Date of Government Version: 09/07/2021 Database: UST CLOSURE, Date of Government Version: 08/18/2021 Facility Id: 7315	1000 POTRERO GRANDE	ESE 1/8 - 1/4 (0.159 mi.)	J51	294

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there are 4 AST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNION BANK Database: AST, Date of Government Version: 07/06/2016	2001 SATURN ST	SW 0 - 1/8 (0.035 mi.)	D22	184
Not reported Database: AST, Date of Government Version: 07/06/2016	1000 POTRERO GRANDE	ESE 1/8 - 1/4 (0.159 mi.)	J55	304

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOUTHERN CALIFORNIA	***1000 POTRERO GRANDE***	***ESE 1/8 - 1/4 (0.159 mi.)***	***J56***	***305***
Database: AST, Date of Government Version: 07/06/2016				
SCE MESA SUBSTATION	***700 EAST POTRERO GRA***	***SSE 1/8 - 1/4 (0.184 mi.)***	***O69***	***386***
Database: AST, Date of Government Version: 07/06/2016				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there is 1 WMUDS/SWAT site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OPERATING INDUSTRIES	***900 POTRERO GRANDE D***	***ESE 1/8 - 1/4 (0.137 mi.)***	***J41***	***253***

ODI: An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

A review of the ODI list, as provided by EDR, and dated 06/30/1985 has revealed that there is 1 ODI site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OPERATING INDUSTRIES	1000 POTRERO GRANDE	ESE 1/8 - 1/4 (0.159 mi.)	J53	299

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OPERATING INDUSTRIES	***900 POTRERO GRANDE D***	***ESE 1/8 - 1/4 (0.137 mi.)***	***J43***	***256***

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 10/18/2021 has revealed that there are 3 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROSS NAME PLATE CO	***2 RED PLUM CIRCLE***	***0 - 1/8 (0.000 mi.)***	***B14***	***141***
SCE MONTEBELLO SERVI	***1000 POTRERO GRANDE***	***ESE 1/8 - 1/4 (0.159 mi.)***	***J49***	***281***
SCE MESA SUBSTATION	***700 EAST POTRERO GRA***	***SSE 1/8 - 1/4 (0.184 mi.)***	***O69***	***386***

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 6 SWEEPS UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROSS NAME PLATE CO Status: A Tank Status: A Comp Number: 7314	***NUMBER 2 RED PLUM CR***	***0 - 1/8 (0.000 mi.)***	***B13***	***135***
UNION BANK OPERATION Status: A Tank Status: A Comp Number: 8139	1980 SATURN ST	S 0 - 1/8 (0.018 mi.)	B16	157
OPERATING INDUSTRIES Status: A Tank Status: A Comp Number: 489	900 PORTERO GRANDE	ESE 1/8 - 1/4 (0.137 mi.)	J42	255
ATHENS DISPOSAL Status: A Comp Number: 11801	900 E POTRERO GRANDE	ESE 1/8 - 1/4 (0.137 mi.)	J44	269
SCE MONTEBELLO SERVI Status: A Tank Status: A Comp Number: 7315	***1000 POTRERO GRANDE***	***ESE 1/8 - 1/4 (0.159 mi.)***	***J49***	***281***
SCE MESA SUBSTATION Status: A Tank Status: A Comp Number: 12371	***700 EAST POTRERO GRA***	***SSE 1/8 - 1/4 (0.184 mi.)***	***O69***	***386***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 6 HIST UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OPERATING INDUSTRIES	***900 POTRERO GRANDE***	***ESE 1/8 - 1/4 (0.137 mi.)***	***J39***	***223***
OPERATING INDUSTRIES	***900 POTRERO GRANDE D***	***ESE 1/8 - 1/4 (0.137 mi.)***	***J43***	***256***
Facility Id: 00000029520				
MONTEREY PARK DISTRI	1000 POTRERO GRANDE	ESE 1/8 - 1/4 (0.159 mi.)	J50	293
Facility Id: 00000022217				
SOUTHERN CALIFORNIA	***1000 POTRERO GRANDE***	***ESE 1/8 - 1/4 (0.159 mi.)***	***J56***	***305***
MESA SUBSTATION	700 POTRERO GRANDE D	SSE 1/8 - 1/4 (0.184 mi.)	O66	380
Facility Id: 00000022236				
MESA SUBSTATION	700 EAST POTRERO GRA	SSE 1/8 - 1/4 (0.184 mi.)	O68	385

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 10/18/2021 has revealed that there are 4 CERS TANKS sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNION BANK	***1980 SATURN ST***	***S 0 - 1/8 (0.018 mi.)***	***B20***	***161***
UNION BANK	***2001 SATURN ST***	***SW 0 - 1/8 (0.035 mi.)***	***D23***	***185***
SCE MONTEBELLO SERVI	***1000 POTRERO GRANDE***	***ESE 1/8 - 1/4 (0.159 mi.)***	***J49***	***281***
SCE MESA SUBSTATION	***700 EAST POTRERO GRA***	***SSE 1/8 - 1/4 (0.184 mi.)***	***O69***	***386***

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 3 CA FID UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROSS NAME PLATE CO	***NUMBER 2 RED PLUM CR***	***0 - 1/8 (0.000 mi.)***	***B13***	***135***
Facility Id: 19052411				
Status: A				
SCE MONTEBELLO SERVI	***1000 POTRERO GRANDE***	***ESE 1/8 - 1/4 (0.159 mi.)***	***J49***	***281***
Facility Id: 19002218				
Status: A				
SCE MESA SUBSTATION	***700 EAST POTRERO GRA***	***SSE 1/8 - 1/4 (0.184 mi.)***	***O69***	***386***
Facility Id: 19055054				
Status: A				

EXECUTIVE SUMMARY

Local Land Records

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 08/30/2021 has revealed that there is 1 DEED site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OPERATING INDUSTRIES	***900 POTRERO GRANDE***	***ESE 1/8 - 1/4 (0.137 mi.)***	***J39***	***223***
Status: CERTIFIED / OPERATION & MAINTENANCE Envirostor ID: 19490207				

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/13/2021 has revealed that there are 33 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NICOLE HUI EPA ID:: CAC003021631	698 TAYLOR DRIVE	NNE 0 - 1/8 (0.040 mi.)	E24	189
LAI MOY & CORY NAKAU EPA ID:: CAC003054997	598 TAYLOR DR	N 0 - 1/8 (0.043 mi.)	F25	191
JACK MIYAGAWA EPA ID:: CAC002977534	651 TAYLOR DRIVE	NNE 0 - 1/8 (0.065 mi.)	E27	196
JACK MIYAGAWA EPA ID:: CAC002978669	651 TAYLOR DR	NNE 0 - 1/8 (0.065 mi.)	E28	199
DAVE JONES EPA ID:: CAC002997454	599 TAYLOR DRIVE	N 0 - 1/8 (0.067 mi.)	F29	201
RANDALL NAKASHIMA	763 TAYLOR DR	NE 0 - 1/8 (0.087 mi.)	G33	209
DONALD AND JOAN KARY EPA ID:: CAC002994334	599 HARRISON ROAD	N 0 - 1/8 (0.112 mi.)	I35	213
ANGEL SANCHEZ EPA ID:: CAC002972501	624 ACKLEY STREET	N 1/8 - 1/4 (0.132 mi.)	I38	221
WILDA LAW	509 TAYLOR DR.	NNW 1/8 - 1/4 (0.145 mi.)	45	270
DENNIS YAMANOUYE EPA ID:: CAC002999644	1871 S ORANGE AVE	NNE 1/8 - 1/4 (0.174 mi.)	M59	360
ERNESTINA CASTELLANO EPA ID:: CAC003042964	1912 PALM AVE	NE 1/8 - 1/4 (0.175 mi.)	60	362
RUTH WONG EPA ID:: CAC003028561	1860 S. ORANGE AVE	NNE 1/8 - 1/4 (0.181 mi.)	M61	365
CITY Y OF MONTEREY P	1860 S. ORANGE AVE	NNE 1/8 - 1/4 (0.181 mi.)	M62	367

EPA ID:: CAC002974966				
MARION SOMIMOTO EPA ID:: CAC002991589	1840 S ORANGE AVE	NNE 1/8 - 1/4 (0.193 mi.)	M72	396
MARION SUMIMOTO	1840 S ORANGE AVE	NNE 1/8 - 1/4 (0.193 mi.)	M73	399
MOMI NARIKOYO	1863 ASH	ENE 1/8 - 1/4 (0.206 mi.)	74	401
AMEY ENOMOTO EPA ID:: CAC002991838	696 WILSON PLACE	NNE 1/8 - 1/4 (0.206 mi.)	M75	404
AMEY ENOMOTO EPA ID:: CAC002990644	696 WILSON PLACE	NNE 1/8 - 1/4 (0.206 mi.)	M76	406
ERNEST GUZMAN EPA ID:: CAC002983645	1852 BUCHANAN PLACE	NNW 1/8 - 1/4 (0.216 mi.)	P77	409
WENDY LUI EPA ID:: CAC002980756	500 VAN BUREN DR	NNW 1/8 - 1/4 (0.230 mi.)	P78	411
YONEO INOUYE EPA ID:: CAC003053071	1793 ADAMS WAY	NNW 1/8 - 1/4 (0.234 mi.)	79	414
JEAN KOBATA	743 ACKLEY ST	NE 1/8 - 1/4 (0.234 mi.)	80	416

Lower Elevation	Address	Direction / Distance	Map ID	Page
DANIEL ROSALES	1980 SATURN STREET	S 0 - 1/8 (0.018 mi.)	B15	155
UNION BANK EPA ID:: CAC002971095	1980 SATURN STREET	S 0 - 1/8 (0.018 mi.)	B17	158
JOSEPH DELGADILLO EPA ID:: CAC003008782	2004 CLOVER DR	W 0 - 1/8 (0.019 mi.)	C21	182
NADJA CALDERON	2007 CLOVER DR	W 0 - 1/8 (0.045 mi.)	C26	194
ERLINDA SOSNOSKI EPA ID:: CAC003036667	1981 FULTON AVE	WNW 0 - 1/8 (0.117 mi.)	36	215
TMC POWER EQUIPMENT, EPA ID:: CAL912605187	2051 SATURN STREET	SW 0 - 1/8 (0.125 mi.)	H37	218
MESA WATERLINE RELOC EPA ID:: CAL000432118	1101 POTRERO GRANDE	ESE 1/8 - 1/4 (0.159 mi.)	K46	272
ROBERT PERRY	420 ACKLEY ST	NW 1/8 - 1/4 (0.161 mi.)	L57	355
ROBERT PERRY	420 ACKLEY ST	NW 1/8 - 1/4 (0.161 mi.)	L58	357
588 ATLAS	588 ATLAS AVE	SW 1/8 - 1/4 (0.190 mi.)	N70	391
POWER GRADE MESA SUB EPA ID:: CAL000432709	2110 GREENWOOD AVE	ESE 1/8 - 1/4 (0.190 mi.)	K71	394

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 10/20/2021 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW CURE, INC. EPA ID:: CAT080012024	***2550 GREENWOOD AVENU***	***SSE 1/8 - 1/4 (0.159 mi.)***	***0***	***45***

EXECUTIVE SUMMARY

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 09/30/2021 has revealed that there is 1 CONSENT site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW CURE, INC.	***2550 GREENWOOD AVENU***	***SSE 1/8 - 1/4 (0.159 mi.)***	***0***	***45***

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 05/05/2021 has revealed that there is 1 FINDS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROSS NAME PLATE CO	***2 RED PLUM CIRCLE***	***0 - 1/8 (0.000 mi.)***	***B12***	***134***
Registry ID:: 110002752101				

ECHO: ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

A review of the ECHO list, as provided by EDR, and dated 01/01/2022 has revealed that there is 1 ECHO site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROSS NAME PLATE CO	***2 RED PLUM CIRCLE***	***0 - 1/8 (0.000 mi.)***	***B12***	***134***
Registry ID: 110002752101				

CA BOND EXP. PLAN: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OPERATING INDUSTRIES	***900 POTRERO GRANDE D***	***ESE 1/8 - 1/4 (0.137 mi.)***	***J41***	***253***

EXECUTIVE SUMMARY

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 09/20/2021 has revealed that there are 6 Cortese sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OPERATING INDUSTRIES	***900 POTRERO GRANDE***	***ESE 1/8 - 1/4 (0.137 mi.)***	***J39***	***223***
Envirostor Id: 19490207				
Cleanup Status: CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS				
MONTEBELLO SERVICE C	***1000 POTRERO GRANDE***	***ESE 1/8 - 1/4 (0.159 mi.)***	***J47***	***275***
Cleanup Status: COMPLETED - CASE CLOSED				
SOUTHERN CALIFORNIA	***1000 POTRERO GRANDE***	***ESE 1/8 - 1/4 (0.159 mi.)***	***J48***	***276***
Cleanup Status: COMPLETED - CASE CLOSED				
SCE - MESA SUBSTATIO	***700 E POTRERO GRANDE***	***SSE 1/8 - 1/4 (0.184 mi.)***	***O67***	***381***
Cleanup Status: COMPLETED - CASE CLOSED				
SHELL SERVICE STATIO	***430 POTRERO GRANDE***	***SSW 1/4 - 1/2 (0.329 mi.)***	***Q81***	***419***
Cleanup Status: COMPLETED - CASE CLOSED				
SHELL OIL COMPANY #	***430 E POTRERO GRANDE***	***SSW 1/4 - 1/2 (0.329 mi.)***	***Q82***	***425***
Cleanup Status: COMPLETED - CASE CLOSED				

EMI: Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies

A review of the EMI list, as provided by EDR, and dated 12/31/2019 has revealed that there is 1 EMI site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROSS NAME PLATE CO	***2 RED PLUM CIRCLE***	***0 - 1/8 (0.000 mi.)***	***B14***	***141***
Facility Id: 20440				

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency. This database begins with calendar year 1993.

A review of the HAZNET list, as provided by EDR, and dated 12/31/2019 has revealed that there is 1 HAZNET site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROSS NAME PLATE CO	***2 RED PLUM CIRCLE***	***0 - 1/8 (0.000 mi.)***	***B11***	***102***
GEPAID: CAD981685373				

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 HIST CORTESE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OPERATING INDUSTRIES Reg Id: 19490207	***900 POTRERO GRANDE***	***ESE 1/8 - 1/4 (0.137 mi.)***	***J39***	***223***
SOUTHERN CALIFORNIA Reg Id: I-07315	***1000 POTRERO GRANDE***	***ESE 1/8 - 1/4 (0.159 mi.)***	***J48***	***276***
SHELL SERVICE STATIO Reg Id: I-09487	***430 POTRERO GRANDE***	***SSW 1/4 - 1/2 (0.329 mi.)***	***Q81***	***419***

Los Angeles County Industrial Waste and Underground Storage Tank Sites.

A review of the LOS ANGELES CO. HMS list, as provided by EDR, and dated 10/14/2021 has revealed that there is 1 LOS ANGELES CO. HMS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROSS NAME PLATE CO Facility ID: 6997-I07314 Facility ID: 6997-007314	***2 RED PLUM CIRCLE***	***0 - 1/8 (0.000 mi.)***	***B14***	***141***

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 11/15/2021 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OPERATING INDUSTRIES EPA ID: CAT080012024 Cleanup Status: UNDERGOING CLOSURE	***900 POTRERO GRANDE***	***ESE 1/8 - 1/4 (0.137 mi.)***	***J39***	***223***

NPDES: A listing of NPDES permits, including stormwater.

A review of the NPDES list, as provided by EDR, and dated 11/09/2021 has revealed that there is 1 NPDES site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROSS NAME PLATE CO Facility Status: Active	***2 RED PLUM CIRCLE***	***0 - 1/8 (0.000 mi.)***	***B14***	***141***

CIWQS: The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

A review of the CIWQS list, as provided by EDR, and dated 08/30/2021 has revealed that there is 1 CIWQS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROSS NAME PLATE CO	*2 RED PLUM CIRCLE*	*0 - 1/8 (0.000 mi.)*	*B14*	*141*

CERS: The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

A review of the CERS list, as provided by EDR, and dated 10/18/2021 has revealed that there is 1 CERS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROSS NAME PLATE CO	*2 RED PLUM CIRCLE*	*0 - 1/8 (0.000 mi.)*	*B14*	*141*

LOS ANGELES CO LF METHANE: This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

A review of the LOS ANGELES CO LF METHANE list, as provided by EDR, and dated 10/12/2021 has revealed that there is 1 LOS ANGELES CO LF METHANE site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OPERATING INDUSTRIES	*900 POTRERO GRANDE D*	*ESE 1/8 - 1/4 (0.137 mi.)*	*J41*	*253*

HWTS: DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

A review of the HWTS list, as provided by EDR, and dated 07/13/2021 has revealed that there is 1 HWTS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROSS NAME PLATE CO	*2 RED PLUM CIRCLE*	*0 - 1/8 (0.000 mi.)*	*B11*	*102*

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

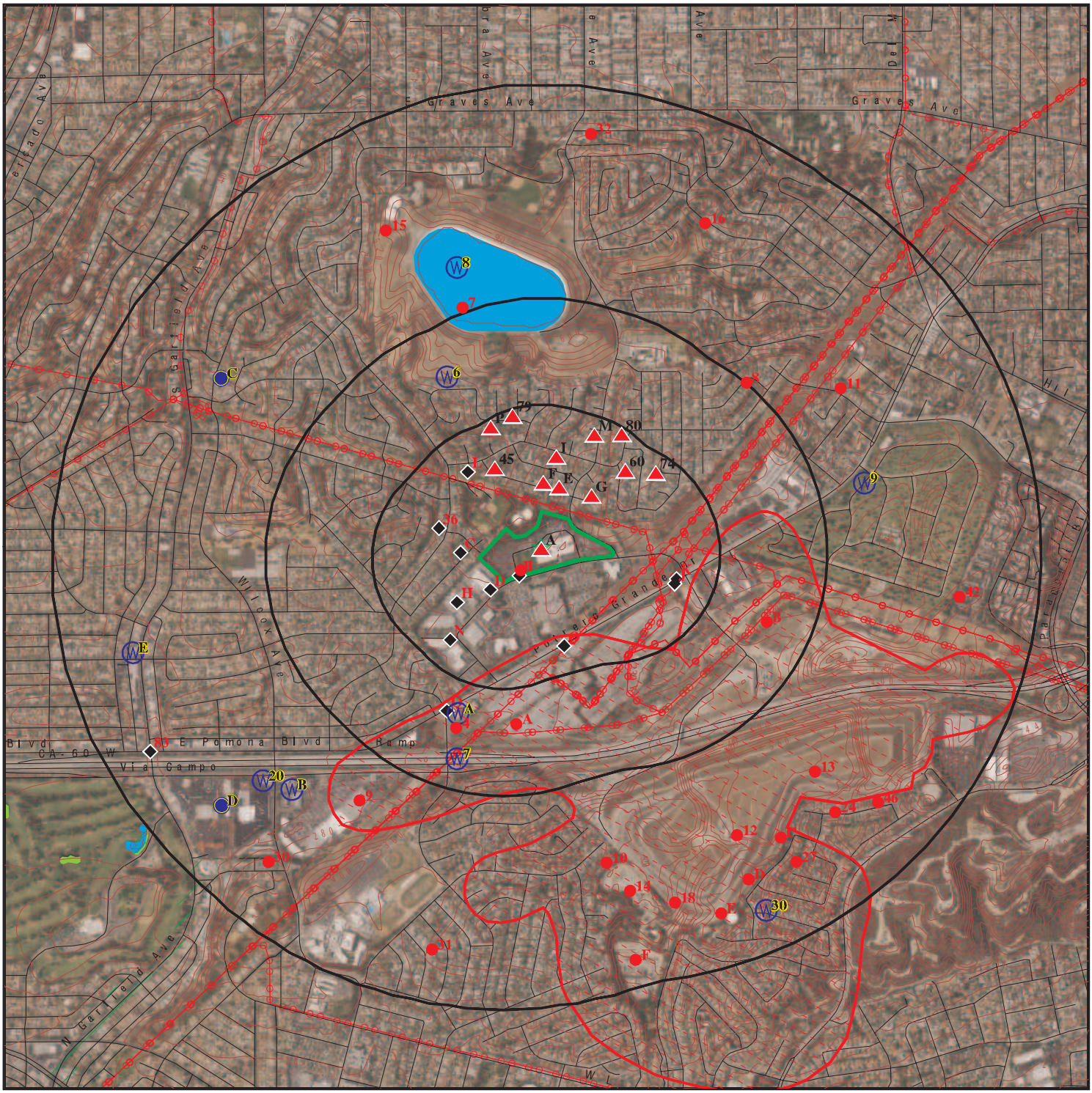
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BATES SHELL SERVICE	745 E TAYLOR DR	NE 0 - 1/8 (0.077 mi.)	G30	204

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
CALIFORNIA DISPOSAL CO TRANSFER ST	SWF/LF

OVERVIEW MAP - 6846152.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	1977 Saturn Street	CLIENT:	Northgate Env. Management, Inc.
ADDRESS:	1977 Saturn Street Monterey Park CA 91755	CONTACT:	Nicky Robinson
		INQUIRY #:	6846152.2s
LAT/LONG:	34.040468 / 118.114173	DATE:	February 04, 2022 8:21 am

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DETAIL MAP - 6846152.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1977 Saturn Street	CLIENT: Northgate Env. Management, Inc.
ADDRESS: 1977 Saturn Street Monterey Park CA 91755	CONTACT: Nicky Robinson
LAT/LONG: 34.040468 / 118.114173	INQUIRY #: 6846152.2s DATE: February 04, 2022 8:22 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	1	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	1	0	NR	NR	1
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	1	0	0	NR	1
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	1	0	NR	NR	1
Lists of Federal RCRA generators								
RCRA-LQG	0.250		1	2	NR	NR	NR	3
RCRA-SQG	0.250	1	1	5	NR	NR	NR	7
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	1	0	NR	NR	1
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		2	1	0	1	NR	4
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	1	0	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500		0	3	2	NR	NR	5
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250	2	2	1	NR	NR	NR	5
AST	0.250		1	3	NR	NR	NR	4
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	1	0	NR	NR	1
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	1	0	NR	NR	1
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
HIST Cal-Sites	1.000		0	1	0	0	NR	1
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		1	2	NR	NR	NR	3
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
AQUEOUS FOAM	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250	1	2	4	NR	NR	NR	7
HIST UST	0.250		0	6	NR	NR	NR	6

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CERS TANKS	0.250		2	2	NR	NR	NR	4
CA FID UST	0.250		1	2	NR	NR	NR	3
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	1	0	NR	NR	1
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	1	13	20	NR	NR	NR	34
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	1	0	0	NR	1
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	1	0	0	NR	1
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	3	1	NR	NR	NR	NR	4
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001	2	1	NR	NR	NR	NR	3

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	1	0	0	NR	1
Cortese	0.500		0	4	2	NR	NR	6
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001	1	1	NR	NR	NR	NR	2
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001	3	1	NR	NR	NR	NR	4
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	2	1	NR	NR	3
LOS ANGELES CO. HMS	0.001	2	1	NR	NR	NR	NR	3
HWP	1.000		0	1	0	0	NR	1
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		1	NR	NR	NR	NR	1
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		1	NR	NR	NR	NR	1
CERS	0.001		1	NR	NR	NR	NR	1
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
LOS ANGELES CO LF METHANE	0.500		0	1	0	NR	NR	1
HWTS	0.001	3	1	NR	NR	NR	NR	4

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		19	36	72	5	1	0	133

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **SANWA BANK CALIFORNIA** **RCRA-SQG** **1000434980**
Target **1977 SATURN ST** **SWEEPS UST** **CAD982463895**
Property **MONTEREY PARK, CA 91754** **HAZNET**
LOS ANGELES CO. HMS
Site 1 of 10 in cluster A **HWTS**

Actual:
382 ft.

RCRA-SQG:

Date Form Received by Agency:		19890126
Handler Name:	SANWA BANK CALIFORNIA	
Handler Address:		1977 SATURN ST
Handler City,State,Zip:		MONTEREY PARK, CA 91754
EPA ID:		CAD982463895
Contact Name:		ENVIRONMENTAL MANAGER
Contact Address:		1977 SATURN ST
Contact City,State,Zip:		MONTEREY PARK, CA 91754
Contact Telephone:		213-727-3264
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		3
Mailing Address:		SATURN ST
Mailing City,State,Zip:		MONTEREY PARK, CA 91754
Owner Name:		SANWA BANK CALIFORNIA
Owner Type:		Private
Operator Name:		NOT REQUIRED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

SANWA BANK CALIFORNIA (Continued) **1000434980**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SANWA BANK CALIFORNIA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SANWA BANK CALIFORNIA (Continued) **1000434980**

Historic Generators:
Receive Date: 19890126
Handler Name: SANWA BANK CALIFORNIA
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19910628
Handler Name: SANWA BANK CALIFORNIA
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 52211
NAICS Description: COMMERCIAL BANKING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

SWEEPS UST:
Name: SANWA BANK
Address: 1977 SATURN ST
City: MONTEREY PARK
Status: Active
Comp Number: 7311
Number: 1
Board Of Equalization: 44-008189
Referral Date: 01-30-92
Action Date: 01-30-92
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-007311-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN

SANWA BANK CALIFORNIA (Continued) **1000434980**

STG: W
Content: Not reported
Number Of Tanks: 3

Name: SANWA BANK
Address: 1977 SATURN ST
City: MONTEREY PARK
Status: Active
Comp Number: 7311
Number: 1
Board Of Equalization: 44-008189
Referral Date: 01-30-92
Action Date: 01-30-92
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-007311-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: SANWA BANK
Address: 1977 SATURN ST
City: MONTEREY PARK
Status: Active
Comp Number: 7311
Number: 1
Board Of Equalization: 44-008189
Referral Date: 01-30-92
Action Date: 01-30-92
Created Date: 06-30-89
Owner Tank Id: TK3-ELUTRON
SWRCB Tank Id: 19-000-007311-000003
Tank Status: A
Capacity: 2000
Active Date: 01-30-92
Tank Use: PETROLEUM
STG: P
Content: Not reported
Number Of Tanks: Not reported

HAZNET:
Name: BRE CA OFFICE OWNER LLC.
Address: 1977 SATURN STREET
Address 2: Not reported
City,State,Zip: MONTEREY PARK, CA 91754
Contact: DEAN CHRISTIAN
Telephone: 8052077916
Mailing Name: Not reported
Mailing Address: 1000 COPERATE CENTER DRIVE

Year: 2016
Gepaid: CAC002886409
TSD EPA ID: CAT080013352

SANWA BANK CALIFORNIA (Continued) **1000434980**

CA Waste Code: 241 - Tank bottom waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 1.8765

LOS ANGELES CO. HMS:

Name: BANK OF THE WEST
Address: 1977 SATURN ST
City,State,Zip: MONTEREY PARK, CA 917557418
Region: LA
Permit Category: I
Facility Id: 6994-I07311
Facility Type: 01
Facility Status: Closed
Area: 3M
Permit Number: 000009804
Permit Status: Closed

Name: BANK OF THE WEST
Address: 1977 SATURN ST
City,State,Zip: MONTEREY PARK, CA 917557418
Region: LA
Permit Category: I
Facility Id: 6994-I07311
Facility Type: 01
Facility Status: Closed
Area: 3M
Permit Number: 000009805
Permit Status: Removed

Name: BANK OF THE WEST
Address: 1977 SATURN ST
City,State,Zip: MONTEREY PARK, CA 917557418
Region: LA
Permit Category: T
Facility Id: 6994-007311
Facility Type: 0
Facility Status: Closed
Area: 3M
Permit Number: 00005594T
Permit Status: Closed

Name: 1977 SATURN
Address: 1977 SATURN ST
City,State,Zip: MONTEREY PARK, CA 917557418
Region: LA
Permit Category: T
Facility Id: 6994-062151
Facility Type: 0
Facility Status: Closed
Area: 3M
Permit Number: 000842830
Permit Status: Closed

HWTS:

SANWA BANK CALIFORNIA (Continued) **1000434980**

Name:	BRE CA OFFICE OWNER LLC.
Address:	1977 SATURN STREET
Address 2:	Not reported
City,State,Zip:	MONTEREY PARK, CA 91754
EPA ID:	CAC002886409
Inactive Date:	02/17/2017
Create Date:	11/17/2016
Last Act Date:	02/17/2017
Mailing Name:	Not reported
Mailing Address:	1000 COPERATE CENTER DRIVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MONTEREY PARK, CA 91754
Owner Name:	BRE CA OFFICE OWNER LLC.
Owner Address:	1977 SATURN STREET
Owner Address 2:	Not reported
Owner City,State,Zip:	MONTEREY PARK, CA 91754
Contact Name:	DEAN CHRISTIAN
Contact Address:	1000 COPERATE CENTER DRIVE
Contact Address 2:	Not reported
City,State,Zip:	MONTEREY PARK, CA 91754

A2 **SANWA BANK** **UST** **U004349966**
Target **1977 SATURN ST** **N/A**
Property **MONTEREY PARK, CA 91755**

Site 2 of 10 in cluster A

Actual: **382 ft.**

UST:

Name:	SANWA BANK
Address:	1977 SATURN ST
City,State,Zip:	MONTEREY PARK, CA 91755
Facility ID:	7311
Permitting Agency:	LOS ANGELES COUNTY
CERSID:	Not reported
Latitude:	34.0417424
Longitude:	-118.1127315

A3 **EQUITY OFFICE** **RCRA NonGen / NLR** **1024766756**
Target **1977 SATURN ST** **CAC002986628**
Property **MONTEREY PARK, CA 91755**

Site 3 of 10 in cluster A

Actual: **382 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20181026
Handler Name:	EQUITY OFFICE	
Handler Address:		1977 SATURN ST
Handler City,State,Zip:		MONTEREY PARK, CA 91755
EPA ID:		CAC002986628
Contact Name:		ROBERT DEL HIERRO
Contact Address:		1977 SATURN ST
Contact City,State,Zip:		MONTEREY PARK, CA 91755
Contact Telephone:		323-430-7081
Contact Fax:		323-430-7081
Contact Email:		RDELHIERRO@EQOFFICE.COM
Contact Title:		Not reported

EQUITY OFFICE (Continued) **1024766756**

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1977 SATURN ST
Mailing City,State,Zip:	MONTEREY PARK, CA 91755
Owner Name:	EQUITY OFFICE
Owner Type:	Other
Operator Name:	ROBERT DEL HIERRO
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

EQUITY OFFICE (Continued) **1024766756**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUITY OFFICE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1977 SATURN ST
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-430-7081
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROBERT DEL HIERRO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1977 SATURN ST
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-430-7081
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20181026
Handler Name: EQUITY OFFICE	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299

EQUITY OFFICE (Continued) **1024766756**

NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A4 **EQUITY OFFICE** **FINDS** **1024651250**
Target **1977 SATURN ST** **ECHO** **N/A**
Property **MONTEREY PARK, CA 91755**

Site 4 of 10 in cluster A

Actual: **382 ft.**

FINDS:
Registry ID: 110070439637

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1024651250
Registry ID:	110070439637
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070439637
Name:	EQUITY OFFICE
Address:	1977 SATURN ST
City,State,Zip:	MONTEREY PARK, CA 91755

A5 **BRE CA SATURN LLC** **EMI** **S106838965**
Target **1977 SATURN ST** **LOS ANGELES CO. HMS** **N/A**
Property **MONTEREY PARK, CA 91755**

Site 5 of 10 in cluster A

Actual: **382 ft.**

EMI:

Name:	SANWA BANK
Address:	1977 SATURN STREET
City,State,Zip:	MONTEREY PARK, CA 91754
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	63620
Air District Name:	SC
SIC Code:	6021
Air District Name:	SOUTH COAST AQMD

BRE CA SATURN LLC (Continued) **S106838965**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANWA BANK CALIFORNIA
Address:	1977 SATURN ST
City,State,Zip:	MONTEREY PARK, CA 91754
Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	63620
Air District Name:	SC
SIC Code:	6021
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

LOS ANGELES CO. HMS:

Name:	BRE CA SATURN LLC
Address:	1977 SATURN ST
City,State,Zip:	MONTEREY PARK, CA 917557418
Region:	LA
Permit Category:	T
Facility Id:	6994-065226
Facility Type:	0
Facility Status:	Removed
Area:	3M
Permit Number:	000892942
Permit Status:	Removed

Name:	1977 SATURN STREET
Address:	1977 SATURN ST
City,State,Zip:	MONTEREY PARK, CA 917557418
Region:	LA
Permit Category:	I
Facility Id:	6994-065372
Facility Type:	01
Facility Status:	Permit
Area:	3M
Permit Number:	000895772
Permit Status:	Permit

A6 **1977 SATURN** **UST** **U004357488**
Target **1977 SATURN ST** **N/A**
Property **MONTEREY PARK, CA 91755**

Site 6 of 10 in cluster A

Actual: **382 ft.**

UST:

Name:	1977 SATURN
Address:	1977 SATURN ST
City,State,Zip:	MONTEREY PARK, CA 91755
Facility ID:	LACoFA0024090
Permitting Agency:	Los Angeles County Fire Department
CERSID:	10268983
Latitude:	34.04046
Longitude:	-118.11416

A7 **BANK OF THE WEST** **HAZNET** **S113016282**
Target **1977 SATURN ST** **HWTS** **N/A**
Property **MONTEREY PARK, CA 91755**

Site 7 of 10 in cluster A

Actual: **382 ft.**

HAZNET:

Name:	BANK OF THE WEST
Address:	1977 SATURN ST
Address 2:	Not reported
City,State,Zip:	MONTEREY PARK, CA 917557418
Contact:	TRINIDAD STELLA
Telephone:	3237273017
Mailing Name:	Not reported
Mailing Address:	1977 SATURN ST
Year:	2015
Gepaid:	CAD982463895
TSD EPA ID:	CAD982444481
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.748
Year:	2015
Gepaid:	CAD982463895
TSD EPA ID:	CAD008364432
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.198
Year:	2012
Gepaid:	CAD982463895
TSD EPA ID:	CAT000613893
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.22935
Year:	2012
Gepaid:	CAD982463895
TSD EPA ID:	NVT330010000
CA Waste Code:	222 - Oil/water separation sludge
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid

BANK OF THE WEST (Continued) **S113016282**

Regeneration, Organics Recovery Ect
Tons: 0.03

Year: 2010
Gepaid: CAD982463895
TSD EPA ID: CAD028409019
CA Waste Code: 241 - Tank bottom waste
Disposal Method: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 0.7506

Year: 2008
Gepaid: CAD982463895
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.209

Year: 2007
Gepaid: CAD982463895
TSD EPA ID: TXD077603371
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.08

Year: 2006
Gepaid: CAD982463895
TSD EPA ID: CAT080013352
CA Waste Code: 241 - Tank bottom waste
Disposal Method: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 0.417

Year: 2003
Gepaid: CAD982463895
TSD EPA ID: AZD049318009
CA Waste Code: 123 - Unspecified alkaline solution
Disposal Method: T03 - Treatment, Incineration
Tons: 0.125

Year: 2003
Gepaid: CAD982463895
TSD EPA ID: AZD049318009
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: T03 - Treatment, Incineration
Tons: 0.025

Click this hyperlink while viewing on your computer to access
19 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2010
Gen EPA ID: CAD982463895

Shipment Date: 20100128

BANK OF THE WEST (Continued) **S113016282**

Creation Date:	4/12/2010 18:30:24
Receipt Date:	20100129
Manifest ID:	004015924JJK
Trans EPA ID:	CAR000199349
Trans Name:	ABLE ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	0.7506
Waste Quantity:	180
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAD982463895
Shipment Date:	20120320
Creation Date:	9/17/2012 22:15:10
Receipt Date:	20120322
Manifest ID:	003157641SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120320
Creation Date:	8/29/2012 22:15:11
Receipt Date:	20120329
Manifest ID:	003157640SKS

BANK OF THE WEST (Continued) **S113016282**

Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAD982463895
Shipment Date:	20070328
Creation Date:	12/10/2007 18:30:29
Receipt Date:	20070403
Manifest ID:	000202460SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.08
Waste Quantity:	160
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAD982463895
Shipment Date:	20080917
Creation Date:	11/3/2008 18:30:25
Receipt Date:	20080918

BANK OF THE WEST (Continued) **S113016282**

Manifest ID:	000756790GBF
Trans EPA ID:	CAD980814446
Trans Name:	MARK ALARCON'S WASTE OIL SERVICE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DE MENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD982463895
Shipment Date:	19941109
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941111
Manifest ID:	93588198
Trans EPA ID:	CAD982524613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940921
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940926
Manifest ID:	93589117
Trans EPA ID:	CAD982524613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

BANK OF THE WEST (Continued) **S113016282**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940804
Creation Date:	10/16/1995 0:00:00
Receipt Date:	19940805
Manifest ID:	93585806
Trans EPA ID:	CAD982524613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940707
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940713
Manifest ID:	93585669
Trans EPA ID:	CAD982524613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251

BANK OF THE WEST (Continued) **S113016282**

Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940606
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940613
Manifest ID:	93178004
Trans EPA ID:	CAD982524613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940429
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940502
Manifest ID:	93182291
Trans EPA ID:	CAD982524613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940328

BANK OF THE WEST (Continued) **S113016282**

Creation Date:	10/5/1995 0:00:00
Receipt Date:	19940401
Manifest ID:	93182192
Trans EPA ID:	CAD982524613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940223
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940224
Manifest ID:	93179750
Trans EPA ID:	CAD982524613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940117
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19950118
Manifest ID:	93588394
Trans EPA ID:	CAD982524613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not reported

BANK OF THE WEST (Continued) **S113016282**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940113
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19940117
Manifest ID:	93141801
Trans EPA ID:	CAD982524613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD982463895

Shipment Date:	19931210
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931213
Manifest ID:	93142321
Trans EPA ID:	CAD982524613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler

BANK OF THE WEST (Continued) **S113016282**

Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931112
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931122
Manifest ID:	93142065
Trans EPA ID:	CAD982524613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930913
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930915
Manifest ID:	93179147
Trans EPA ID:	CAD982524613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

BANK OF THE WEST (Continued) **S113016282**

Shipment Date:	19930816
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930820
Manifest ID:	93179507
Trans EPA ID:	CAD982524613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930715
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930719
Manifest ID:	93169978
Trans EPA ID:	CAD982524613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930528
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930601
Manifest ID:	93169971
Trans EPA ID:	CAD982524613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982524613

BANK OF THE WEST (Continued) **S113016282**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930428
Creation Date:	9/6/1995 0:00:00
Receipt Date:	19930429
Manifest ID:	92749912
Trans EPA ID:	CAD982524613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930326
Creation Date:	9/1/1995 0:00:00
Receipt Date:	19930331
Manifest ID:	92756750
Trans EPA ID:	CAD982524613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1876
Waste Quantity:	45
Quantity Unit:	G

BANK OF THE WEST (Continued) **S113016282**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930209
Creation Date:	9/6/1995 0:00:00
Receipt Date:	19930212
Manifest ID:	92425956
Trans EPA ID:	CAD982524613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1751
Waste Quantity:	42
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAD982463895
Shipment Date:	20150731
Creation Date:	10/1/2015 22:15:28
Receipt Date:	20150810
Manifest ID:	009491233JJK
Trans EPA ID:	CAR000164616
Trans Name:	MAJOR CLEANUP INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	PSC/RHOCHEM
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

BANK OF THE WEST (Continued) **S113016282**

Shipment Date:	20150630
Creation Date:	9/22/2015 22:15:56
Receipt Date:	20150701
Manifest ID:	009491223JJK
Trans EPA ID:	CAR000164616
Trans Name:	MAJOR CLEANUP INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.748
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAD982463895

Shipment Date:	19960826
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960829
Manifest ID:	96507567
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960723
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960729
Manifest ID:	96165893

BANK OF THE WEST (Continued) **S113016282**

Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960620
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960624
Manifest ID:	95823505
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960620
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960624
Manifest ID:	95823505
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste

BANK OF THE WEST (Continued) **S113016282**

RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960620
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960624
Manifest ID:	95823505
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960620
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960624
Manifest ID:	95823505
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

BANK OF THE WEST (Continued) **S113016282**

Additional Code 5:	Not reported
Shipment Date:	19960529
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960530
Manifest ID:	95822931
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960503
Creation Date:	10/29/1996 0:00:00
Receipt Date:	19960506
Manifest ID:	95822900
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960503
Creation Date:	10/29/1996 0:00:00
Receipt Date:	19960506
Manifest ID:	95822900
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202

BANK OF THE WEST (Continued) **S113016282**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960503
Creation Date:	10/29/1996 0:00:00
Receipt Date:	19960506
Manifest ID:	95822900
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAD982463895

Shipment Date:	20030328
Creation Date:	6/22/2003 18:31:48
Receipt Date:	20030404
Manifest ID:	22661123
Trans EPA ID:	MAD039322250
Trans Name:	Not reported
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

BANK OF THE WEST (Continued) **S113016282**

Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030328
Creation Date:	6/22/2003 18:31:48
Receipt Date:	20030404
Manifest ID:	22661123
Trans EPA ID:	MAD039322250
Trans Name:	Not reported
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D002
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030328
Creation Date:	9/2/2003 18:31:45
Receipt Date:	20030403
Manifest ID:	22661124
Trans EPA ID:	MAD039322250
Trans Name:	Not reported
Trans 2 EPA ID:	CAT000624247
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.055
Waste Quantity:	110
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

BANK OF THE WEST (Continued) **S113016282**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030328
Creation Date:	6/22/2003 18:31:48
Receipt Date:	20030404
Manifest ID:	22661123
Trans EPA ID:	MAD039322250
Trans Name:	Not reported
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030328
Creation Date:	9/2/2003 18:31:45
Receipt Date:	20030403
Manifest ID:	22661124
Trans EPA ID:	MAD039322250
Trans Name:	Not reported
Trans 2 EPA ID:	CAT000624247
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0575
Waste Quantity:	115
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030328
Creation Date:	6/22/2003 18:31:48
Receipt Date:	20030404
Manifest ID:	22661123
Trans EPA ID:	MAD039322250
Trans Name:	Not reported

BANK OF THE WEST (Continued) **S113016282**

Trans 2 EPA ID:	NED986382133
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAD982463895
Shipment Date:	20061031
Creation Date:	3/30/2007 13:32:41
Receipt Date:	20061103
Manifest ID:	000082292FLE
Trans EPA ID:	CAT080016116
Trans Name:	NIETO AND SONS TRUCKING INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	0.417
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD982463895
Shipment Date:	19950919
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950922
Manifest ID:	95549494
Trans EPA ID:	ILD984908202

BANK OF THE WEST (Continued) **S113016282**

Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950919
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950922
Manifest ID:	95549494
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950919
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950922
Manifest ID:	95549494
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011

BANK OF THE WEST (Continued) **S113016282**

Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950919
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950922
Manifest ID:	95549494
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1876
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950803
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950804
Manifest ID:	95548825
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

BANK OF THE WEST (Continued) **S113016282**

Shipment Date:	19950613
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950628
Manifest ID:	95606775
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD070148432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD070148432
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950418
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950418
Manifest ID:	95175422
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	BANK OF THE WEST
Address:	1977 SATURN ST
Address 2:	Not reported
City,State,Zip:	MONTEREY PARK, CA 917557418
EPA ID:	CAD982463895
Inactive Date:	06/30/2016
Create Date:	06/15/1989
Last Act Date:	01/12/2017

BANK OF THE WEST (Continued) **S113016282**

Mailing Name:	Not reported
Mailing Address:	1977 SATURN ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MONTEREY PARK, CA 917557418
Owner Name:	BANK OF THE WEST
Owner Address:	180 MONTGOMERY ST
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN FRANCISCO, CA 941044205
Contact Name:	TRINIDAD STELLA
Contact Address:	1977 SATURN ST
Contact Address 2:	Not reported
City,State,Zip:	MONTEREY PARK, CA 917557418

NAICS:

EPA ID:	CAD982463895
Create Date:	2002-12-03 15:25:10.000
NAICS Code:	52221
NAICS Description:	Credit Card Issuing
Issued EPA ID Date:	1989-06-15 00:00:00
Inactive Date:	2016-06-30 00:00:00
Facility Name:	BANK OF THE WEST
Facility Address:	1977 SATURN ST
Facility Address 2:	Not reported
Facility City:	MONTEREY PARK
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917557418

A8 **BANK OF THE WEST** **FINDS** **1023305274**
Target **1977 SATURN ST** **N/A**
Property **MONTEREY PARK, CA 91755**

Site 8 of 10 in cluster A

Actual:
382 ft.

FINDS:
Registry ID: 110065977090

Click Here:

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A9 **UNITED CA BANK** **FINDS** **1008152327**
Target **1977 SATURN ST** **ECHO** **N/A**
Property **MONTEREY PARK, CA 91754**

Site 9 of 10 in cluster A

Actual:
382 ft.

FINDS:
Registry ID: 110018947773

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART)

UNITED CA BANK (Continued) **1008152327**

provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1008152327
Registry ID:	110018947773
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110018947773
Name:	UNITED CA BANK
Address:	1977 SATURN ST
City,State,Zip:	MONTEREY PARK, CA 91754

A10 **EQUITY OFFICE** **HAZNET** **S124704865**
Target **1977 SATURN ST** **HWTS** **N/A**
Property **MONTEREY PARK, CA 91755**

Site 10 of 10 in cluster A

Actual:
382 ft.

HAZNET:

Name:	EQUITY OFFICE
Address:	1977 SATURN ST
Address 2:	Not reported
City,State,Zip:	MONTEREY PARK, CA 91755
Contact:	ROBERT DEL HIERRO
Telephone:	3234307081
Mailing Name:	Not reported
Mailing Address:	1977 SATURN ST
Year:	2018
Gepaid:	CAC002986628
TSD EPA ID:	CAT080013352
CA Waste Code:	241 - Tank bottom waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	4.17000

HWTS:

Name:	EQUITY OFFICE
Address:	1977 SATURN ST
Address 2:	Not reported
City,State,Zip:	MONTEREY PARK, CA 91755
EPA ID:	CAC002986628
Inactive Date:	01/25/2019
Create Date:	10/26/2018
Last Act Date:	01/26/2019
Mailing Name:	Not reported
Mailing Address:	1977 SATURN ST
Mailing Address 2:	Not reported

EQUITY OFFICE (Continued) **S124704865**

Mailing City,State,Zip:	MONTEREY PARK, CA 91755
Owner Name:	EQUITY OFFICE
Owner Address:	1977 SATURN ST
Owner Address 2:	Not reported
Owner City,State,Zip:	MONTEREY PARK, CA 91755
Contact Name:	ROBERT DEL HIERRO
Contact Address:	1977 SATURN ST
Contact Address 2:	Not reported
City,State,Zip:	MONTEREY PARK, CA 91755

NPL **NEW CURE, INC.** **NPL** **1000353881**
Region **2550 GREENWOOD AVENUE** **SEMS** **CAT080012024**
SSE **MONTEREY PARK, CA 91755** **CORRACTS**
1/8-1/4 **RCRA-TSDF**
841 ft. **RCRA-SQG**
US ENG CONTROLS
ROD
RAATS
PRP
ICIS
CONSENT
FINDS

NPL:

EPA Region:	9
EPA ID:	CAT080012024
Site ID:	902673
Name:	OPERATING INDUSTRIES, INC., LANDFILL
Address:	900 N POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91754
Federal:	N
Final Date:	1986-06-10 00:00:00
Latitude:	34.033333
Longitude:	-118.105556
Site Score:	57.219999999999999
NAI:	Not reported
Native American Entity:	Not reported

NPL:

NPL Status:	Currently on the Final NPL
Substance ID:	Not reported
CAS Number:	Not reported
Substance:	Not reported
Pathway:	Not reported
Scoring:	Not reported

NPL Status:	Currently on the Final NPL
Substance ID:	C113
CAS Number:	100-42-5
Substance:	STYRENE
Pathway:	NO PATHWAY INDICATED
Scoring:	1

NPL Status:	Currently on the Final NPL
Substance ID:	C470
CAS Number:	25551-13-7
Substance:	TRIMETHYL BENZENE
Pathway:	GROUND WATER PATHWAY

NEW CURE, INC. (Continued) **1000353881**

Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: D008
CAS Number: 7439-92-1
Substance: LEAD (PB)
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: U019
CAS Number: 71-43-2
Substance: BENZENE
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U043
CAS Number: 75-01-4
Substance: VINYL CHLORIDE
Pathway: AIR PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: U044
CAS Number: 67-66-3
Substance: CHLOROFORM
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: U188
CAS Number: 108-95-2
Substance: PHENOL
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U210
CAS Number: 127-18-4
Substance: TETRACHLOROETHENE
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U220
CAS Number: 108-88-3
Substance: TOLUENE
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U239
CAS Number: 1330-20-7
Substance: XYLENE
Pathway: GROUND WATER PATHWAY
Scoring: 2

NEW CURE, INC. (Continued) **1000353881**

Summary Details:

Conditions at proposal October 15, 1984): Operating Industries, Inc., operated a landfill on 190 acres in the City of Monterey Park, Los Angeles County, California. The 45-acre northern section was separated in the 1960s from the southern 145-acre section by the Pomona Freeway. EPA has evidence that the original landfill included at least a portion of both sections. From l948 to l983, solid and liquid wastes, some ha ardous, were disposed of at the site. Leachate generated by the landfill contains vinyl chloride, ben ene-type compounds, tetrachloroethylene, heavy metals, and other contaminants, according to testing by the Los Angeles County Sanitation District LACSD), the California Department of Health Services CDHS), and the company. In July l983, the South Coast Air Quality Management District SCAQMD) detected vinyl chloride above ambient standards in air at and around the landfill, which is adjacent to a large residential area. SCAQMD, CDHS,and the Los Angeles County Department of Health Services have taken enforcement actions against the facility. About 23,000 people use wells within 3 miles of the site as a source of drinking water. The company acquired Interim Status when it filed Part A of a permit application under Subtitle C of the Resource Conservation and Recovery Act RCRA). The company submitted a draft plan for closing the landfill under RCRA, but CDHS, in conjunction with other State agencies and EPA, determined that the plan had numerous deficiencies, most notably the failure to 1) provide financial assurance requirements for closure and 2) develop an adequate plan for monitoring ground water and for collecting and disposing of leachate. The company has not submitted complete and adequate closure and postclosure documents. Status February 1986): EPA collected gas samples in November 1984 from 16 subsurface probes in an adjacent housing development. Some samplesconfirmedthe presence of methane and vinyl chloride in subsurface soils. Interior home samples collected in November 1984 had low levels of methane and nondetectable levels of vinyl chloride. Elevated levels of methane and vinyl chloride werealso detected in a home adjacent to the landfill in October 1985. EPA installed six monitoring wells around the landfill in 1984-85. Quarterly samples collected since March 1985 contain organic chemicals and trace metals. In July 1985, EPA started planning for a comprehensive remedial investigation to determine the nature and extent of the problems associated with the landfill. When the investigation is complete, various alternatives to remedy the problems will be evaluated in a feasibility study. Interim measures are planned to stabili e and control the landfill, including slope stabili ation and upgrading of existing gas leachate collection systems. EPA trucked leachate to an off-site treatment facility from October 1985 to February 1986, when the State took over. Status June 10, 1986): This site is placed on the NPL because the potentially responsible party declined to initiate work, and CERCLA-funded remedial activities are underway.Thus, the site meets one of the requirements of EPA s policy for placing RCRA-related sites on the NPL.

NPL:

NPL Status:	Currently on the Final NPL
Category Description:	Depth To Aquifer-> 100 Feet
Category Value:	300

NPL Status:	Currently on the Final NPL
Category Description:	Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value:	100

NEW CURE, INC. (Continued) **1000353881**

NPL:
NPL Name: OPERATING INDUSTRIES, INC., LANDFILL

NPL:
EPA Region: 09
Site ID: 0902673
Site Status: F
Federal Site: N
Date Deleted: Not reported
Date Finalized: 06/10/86
Date Proposed: 10/15/84

NPL:
Proposed Date: 10/15/1984
Final Date: 06/10/1986
Deleted Date: Not reported
NPL Status: Final

SEMS:
Site ID: 0902673
EPA ID: CAT080012024
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
Address 2: Not reported
City,State,Zip: MONTEREY PARK, CA 91754
Cong District: 27,31,34
FIPS Code: 06037
Latitude: 34.033333
Longitude: -118.105556
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:
Region: 09
Site ID: 0902673
EPA ID: CAT080012024
Site Name: OPERATING INDUSTRIES, INC., LANDFILL
NPL: F
FF: N
OU: 02
Action Code: FS
Action Name: FS
SEQ: 1
Start Date: 1985-03-19 06:00:00
Finish Date: 11/16/1987 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902673
EPA ID: CAT080012024
Site Name: OPERATING INDUSTRIES, INC., LANDFILL
NPL: F
FF: N

NEW CURE, INC. (Continued) **1000353881**

OU:	00
Action Code:	CM
Action Name:	PCOR
SEQ:	1
Start Date:	2012-09-11 05:00:00
Finish Date:	9/11/2012 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	RO
Action Name:	ROD
SEQ:	4
Start Date:	1996-09-30 04:00:00
Finish Date:	9/30/1996 4:00:00 AM
Qual:	R
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	5
Start Date:	2010-01-04 05:00:00
Finish Date:	9/27/2010 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	3
Start Date:	2000-08-24 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024

NEW CURE, INC. (Continued) **1000353881**

Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	2
Start Date:	1989-07-01 04:00:00
Finish Date:	7/1/1989 4:00:00 AM
Qual:	V
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	6
Start Date:	2014-09-23 05:00:00
Finish Date:	9/25/2015 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	4
Start Date:	2004-12-31 05:00:00
Finish Date:	9/28/2005 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	NP
Action Name:	PROPOSED
SEQ:	1
Start Date:	1984-10-15 05:00:00
Finish Date:	10/15/1984 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

NEW CURE, INC. (Continued) **1000353881**

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	CO
Action Name:	RI/FS
SEQ:	1
Start Date:	1989-09-15 04:00:00
Finish Date:	9/30/1996 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	TA
Action Name:	TECH ASSIST
SEQ:	2
Start Date:	1985-12-31 06:00:00
Finish Date:	8/7/2020 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	HR
Action Name:	HAZRANK
SEQ:	1
Start Date:	1984-04-01 06:00:00
Finish Date:	4/1/1984 6:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	02
Action Code:	RO
Action Name:	ROD
SEQ:	2
Start Date:	1987-11-16 05:00:00
Finish Date:	11/16/1987 5:00:00 AM

NEW CURE, INC. (Continued) **1000353881**

Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	03
Action Code:	FS
Action Name:	FS
SEQ:	3
Start Date:	1987-09-22 04:00:00
Finish Date:	9/30/1988 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	RI
Action Name:	RI
SEQ:	1
Start Date:	1985-06-28 05:00:00
Finish Date:	4/1/1986 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	RI
Action Name:	RI
SEQ:	2
Start Date:	1986-04-10 05:00:00
Finish Date:	3/30/1990 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	NF
Action Name:	NPL FINL

NEW CURE, INC. (Continued) **1000353881**

SEQ: 1
Start Date: 1986-06-10 04:00:00
Finish Date: 6/10/1986 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902673
EPA ID: CAT080012024
Site Name: OPERATING INDUSTRIES, INC., LANDFILL
NPL: F
FF: N
OU: 04
Action Code: RA
Action Name: RA
SEQ: 1
Start Date: 1987-09-21 04:00:00
Finish Date: 5/11/1989 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902673
EPA ID: CAT080012024
Site Name: OPERATING INDUSTRIES, INC., LANDFILL
NPL: F
FF: N
OU: 00
Action Code: RV
Action Name: RMVL
SEQ: 2
Start Date: 1986-10-01 04:00:00
Finish Date: 4/10/1987 4:00:00 AM
Qual: C
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902673
EPA ID: CAT080012024
Site Name: OPERATING INDUSTRIES, INC., LANDFILL
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 1
Start Date: 1995-02-09 05:00:00
Finish Date: 6/21/1995 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902673
EPA ID: CAT080012024
Site Name: OPERATING INDUSTRIES, INC., LANDFILL
NPL: F
FF: N

NEW CURE, INC. (Continued) **1000353881**

OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1984-01-01 05:00:00
Finish Date:	4/1/1984 6:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	RV
Action Name:	RMVL
SEQ:	3
Start Date:	1987-02-15 05:00:00
Finish Date:	8/1/1987 4:00:00 AM
Qual:	S
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	1
Start Date:	1988-07-19 04:00:00
Finish Date:	Not reported
Qual:	E
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	RV
Action Name:	RMVL
SEQ:	4
Start Date:	1992-11-23 05:00:00
Finish Date:	3/15/2002 5:00:00 AM
Qual:	C
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024

NEW CURE, INC. (Continued) **1000353881**

Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	1
Start Date:	1992-12-30 05:00:00
Finish Date:	12/30/1992 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	2
Start Date:	1990-09-06 04:00:00
Finish Date:	9/6/1990 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	RV
Action Name:	RMVL
SEQ:	1
Start Date:	1985-10-08 05:00:00
Finish Date:	8/1/1987 4:00:00 AM
Qual:	S
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	DA
Action Name:	Pre-Dsgn Ast
SEQ:	1
Start Date:	1986-02-03 05:00:00
Finish Date:	9/30/1987 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

NEW CURE, INC. (Continued) **1000353881**

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	1
Start Date:	1985-01-15 06:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	TA
Action Name:	TECH ASSIST
SEQ:	1
Start Date:	1985-12-31 06:00:00
Finish Date:	9/30/1987 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	MA
Action Name:	ST COOP
SEQ:	1
Start Date:	1989-04-30 04:00:00
Finish Date:	8/7/2020 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	04
Action Code:	RO
Action Name:	ROD
SEQ:	1
Start Date:	1987-07-31 04:00:00
Finish Date:	7/31/1987 4:00:00 AM

NEW CURE, INC. (Continued) **1000353881**

Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	03
Action Code:	RO
Action Name:	ROD
SEQ:	3
Start Date:	1988-09-30 04:00:00
Finish Date:	9/30/1988 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1979-11-01 05:00:00
Finish Date:	11/1/1979 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	3
Start Date:	2000-01-25 05:00:00
Finish Date:	2/18/2000 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	04
Action Code:	FS
Action Name:	FS

NEW CURE, INC. (Continued) **1000353881**

SEQ: 2
Start Date: 1987-03-26 05:00:00
Finish Date: 7/31/1987 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902673
EPA ID: CAT080012024
Site Name: OPERATING INDUSTRIES, INC., LANDFILL
NPL: F
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1984-04-01 06:00:00
Finish Date: 4/1/1984 6:00:00 AM
Qual: H
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902673
EPA ID: CAT080012024
Site Name: OPERATING INDUSTRIES, INC., LANDFILL
NPL: F
FF: N
OU: 00
Action Code: FP
Action Name: FPA
SEQ: 1
Start Date: 1984-09-24 05:00:00
Finish Date: 10/10/1985 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902673
EPA ID: CAT080012024
Site Name: OPERATING INDUSTRIES, INC., LANDFILL
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 7
Start Date: 2019-10-02 05:00:00
Finish Date: 9/24/2020 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902673
EPA ID: CAT080012024
Site Name: OPERATING INDUSTRIES, INC., LANDFILL
NPL: F
FF: N

NEW CURE, INC. (Continued) **1000353881**

OU:	00
Action Code:	FM
Action Name:	FPA/MA
SEQ:	1
Start Date:	2019-10-31 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	03
Action Code:	BE
Action Name:	PRP RD
SEQ:	5
Start Date:	1991-09-17 04:00:00
Finish Date:	9/24/1999 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	02
Action Code:	BF
Action Name:	PRP RA
SEQ:	2
Start Date:	1991-07-18 04:00:00
Finish Date:	9/29/1995 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	03
Action Code:	OM
Action Name:	OM
SEQ:	3
Start Date:	2005-08-05 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024

NEW CURE, INC. (Continued) **1000353881**

Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	04
Action Code:	BF
Action Name:	PRP RA
SEQ:	1
Start Date:	1989-05-11 04:00:00
Finish Date:	5/10/1997 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	BE
Action Name:	PRP RD
SEQ:	4
Start Date:	2001-09-28 04:00:00
Finish Date:	5/8/2002 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	03
Action Code:	BF
Action Name:	PRP RA
SEQ:	6
Start Date:	2006-07-24 04:00:00
Finish Date:	9/22/2010 4:00:00 AM
Qual:	FR
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	03
Action Code:	BE
Action Name:	PRP RD
SEQ:	6
Start Date:	2004-04-27 04:00:00
Finish Date:	7/24/2006 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght

NEW CURE, INC. (Continued) **1000353881**

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	OM
Action Name:	OM
SEQ:	1
Start Date:	2013-12-24 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	04
Action Code:	OM
Action Name:	OM
SEQ:	4
Start Date:	1997-05-10 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	OF
Action Name:	O AND F
SEQ:	1
Start Date:	2007-09-30 04:00:00
Finish Date:	12/24/2013 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	BF
Action Name:	PRP RA
SEQ:	4
Start Date:	2002-05-08 04:00:00
Finish Date:	9/29/2003 4:00:00 AM

NEW CURE, INC. (Continued) **1000353881**

Qual: IR
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902673
EPA ID: CAT080012024
Site Name: OPERATING INDUSTRIES, INC., LANDFILL
NPL: F
FF: N
OU: 03
Action Code: BE
Action Name: PRP RD
SEQ: 3
Start Date: 1992-04-01 05:00:00
Finish Date: 5/28/1998 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902673
EPA ID: CAT080012024
Site Name: OPERATING INDUSTRIES, INC., LANDFILL
NPL: F
FF: N
OU: 02
Action Code: OM
Action Name: OM
SEQ: 2
Start Date: 1995-09-29 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902673
EPA ID: CAT080012024
Site Name: OPERATING INDUSTRIES, INC., LANDFILL
NPL: F
FF: N
OU: 03
Action Code: BF
Action Name: PRP RA
SEQ: 3
Start Date: 1998-05-28 04:00:00
Finish Date: 9/24/2002 4:00:00 AM
Qual: FR
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902673
EPA ID: CAT080012024
Site Name: OPERATING INDUSTRIES, INC., LANDFILL
NPL: F
FF: N
OU: 04
Action Code: BE
Action Name: PRP RD

NEW CURE, INC. (Continued) **1000353881**

SEQ: 1
Start Date: 1989-05-11 04:00:00
Finish Date: 1/4/1991 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902673
EPA ID: CAT080012024
Site Name: OPERATING INDUSTRIES, INC., LANDFILL
NPL: F
FF: N
OU: 02
Action Code: BE
Action Name: PRP RD
SEQ: 2
Start Date: 1989-05-11 04:00:00
Finish Date: 7/18/1991 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902673
EPA ID: CAT080012024
Site Name: OPERATING INDUSTRIES, INC., LANDFILL
NPL: F
FF: N
OU: 03
Action Code: BF
Action Name: PRP RA
SEQ: 5
Start Date: 1999-09-24 04:00:00
Finish Date: 9/24/2002 4:00:00 AM
Qual: FR
Current Action Lead: EPA Ovrsght

CORRACTS:
Name: NEW CURE, INC.
Address: 2550 GREENWOOD AVENUE
Address 2: Not reported
EPA ID: CAT080012024
Area Name: ENTIRE FACILITY
Corrective Action: LEAD AGENCY DETERMINATION
Actual Date: 19840401
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: NEW CURE, INC.
Address: 2550 GREENWOOD AVENUE
Address 2: Not reported
EPA ID: CAT080012024
Area Name: ENTIRE FACILITY
Corrective Action: PA OR CERCLA INSPECTION
Actual Date: 19840401

NEW CURE, INC. (Continued) **1000353881**

Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: NEW CURE, INC.
Address: 2550 GREENWOOD AVENUE
Address 2: Not reported
EPA ID: CAT080012024
Area Name: ENTIRE FACILITY
Corrective Action: PA OR CERCLA INSPECTION
Actual Date: 19840401
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: NEW CURE, INC.
Address: 2550 GREENWOOD AVENUE
Address 2: Not reported
EPA ID: CAT080012024
Area Name: ENTIRE FACILITY
Corrective Action: NCAPS RANKING/PRIORITY
Actual Date: 19840401
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: NEW CURE, INC.
Address: 2550 GREENWOOD AVENUE
Address 2: Not reported
EPA ID: CAT080012024
Area Name: ENTIRE FACILITY
Corrective Action: CA PRIORITIZATION-HIGH CA PRIORITY
Actual Date: 19840401
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: NEW CURE, INC.
Address: 2550 GREENWOOD AVENUE
Address 2: Not reported
EPA ID: CAT080012024
Area Name: ENTIRE FACILITY
Corrective Action: REFERRED TO A NON-RCRA AUTHORITY-REFERRED TO CERCLA
Actual Date: 19960101
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

RCRA-SQG:
Date Form Received by Agency: 20200305
Handler Name: NEW CURE, INC.
Handler Address: 2550 GREENWOOD AVENUE

NEW CURE, INC. (Continued) **1000353881**

Handler City,State,Zip:	MONTEREY PARK, CA 91755-7419
EPA ID:	CAT080012024
Contact Name:	ELEOVARDO ROBLES
Contact Address:	GREENWOOD AVENUE
Contact City,State,Zip:	MONTEREY PARK, CA 91755
Contact Telephone:	323-720-9775
Contact Fax:	323-720-9905
Contact Email:	DROBLES@OII-LANDFILL.COM
Contact Title:	OPERATIONS MANAGER
EPA Region:	09
Land Type:	Federal
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2019
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	GREENWOOD AVENUE
Mailing City,State,Zip:	MONTEREY PARK, CA 91755
Owner Name:	EPA SUPERFUND SITE
Owner Type:	Federal
Operator Name:	NEW CURE, INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	The land is federally-owned, The site is federally-owned
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Land Disposal
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Land Disposal
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No

NEW CURE, INC. (Continued) **1000353881**

TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	High
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201028
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Yes
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: F039
Waste Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: EPA SUPERFUND SITE

NEW CURE, INC. (Continued) **1000353881**

Legal Status:	Federal
Date Became Current:	19890501
Date Ended Current:	Not reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW CURE, INC.
Legal Status:	Private
Date Became Current:	19920412
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	O.P.I., INC.
Legal Status:	Private
Date Became Current:	19920412
Date Ended Current:	Not reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9975
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERATING INDUSTRIES, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2425 S. GARFIELD AVENUE
Owner/Operator City,State,Zip:	CITY NOT REPORTED, CA 99999
Owner/Operator Telephone:	213-726-3202
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW CURE, INC.
Legal Status:	Private
Date Became Current:	19920515
Date Ended Current:	Not reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM

NEW CURE, INC. (Continued) **1000353881**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW CURE, INC.
Legal Status:	Private
Date Became Current:	19920515
Date Ended Current:	Not reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW CURE, INC.
Legal Status:	Private
Date Became Current:	19920412
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OPERATING INDUSTRIES, INC.
Legal Status:	Private
Date Became Current:	19910412
Date Ended Current:	Not reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ELEOVARDO ROBLES
Legal Status:	Private
Date Became Current:	19920412
Date Ended Current:	Not reported
Owner/Operator Address:	2550 GREENWOOD AVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AHAS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1749 S POTRERO GRANDE DR RM E
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	818-336-3636
Owner/Operator Telephone Ext:	Not reported

NEW CURE, INC. (Continued) **1000353881**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AHAS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1749 S POTRERO GRANDE DR RM E
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	818-336-3636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW CURE, INC.
Legal Status:	Private
Date Became Current:	19920515
Date Ended Current:	Not reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OPERATING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	20000101
Date Ended Current:	Not reported
Owner/Operator Address:	2550 GREENWOOD AVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EPA SUPERFUND SITE
Legal Status:	Federal
Date Became Current:	19890501
Date Ended Current:	Not reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EPA SUPERFUND SITE
Legal Status:	Federal
Date Became Current:	19890501
Date Ended Current:	Not reported
Owner/Operator Address:	2550 GREENWOOD AVENUE

NEW CURE, INC. (Continued) **1000353881**

Owner/Operator City,State,Zip: MONTEREY PARK, CA 91755
Owner/Operator Telephone: 323-720-9775
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 323-720-9905
Owner/Operator Email: DROBLES@OII-LANDFILL.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: OPERATING INDUSTRIES, INC.
Legal Status: Private
Date Became Current: 19910412
Date Ended Current: Not reported
Owner/Operator Address: 2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip: MONTEREY PARK, CA 91755
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: OPERATING INDUSTRIES, INC.
Legal Status: Private
Date Became Current: 19920412
Date Ended Current: Not reported
Owner/Operator Address: 2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip: MONTEREY PARK, CA 91755
Owner/Operator Telephone: 323-720-9975
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20100810
Handler Name: NEW CURE, INC. / OPERATING INDUSTRIES, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120302
Handler Name: NEW CURE, INC./OPERATING INDUSTIRES, INC/
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

NEW CURE, INC. (Continued) **1000353881**

Receive Date: 20140301
Handler Name: NEW CURE INC / OPERATING INDUSTRIES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20181010
Handler Name: NEW CURE, INC.
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200305
Handler Name: NEW CURE, INC.
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Yes
Electronic Manifest Broker: No

Receive Date: 19930701
Handler Name: OPERATING INDS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19970514
Handler Name: OPERATING INDS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No

NEW CURE, INC. (Continued) **1000353881**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20190206
Handler Name:	NEW CURE, INC.
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	19970514
Handler Name:	OPERATING INDS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20080828
Handler Name:	OPERATING INDUSTRIES, INC. NEW CURE, INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11531
NAICS Description:	SUPPORT ACTIVITIES FOR FORESTRY

NAICS Code:	562
NAICS Description:	WASTE MANAGEMENT AND REMEDIATION SERVICES

NAICS Code:	562211
NAICS Description:	HAZARDOUS WASTE TREATMENT AND DISPOSAL

NEW CURE, INC. (Continued) **1000353881**

NAICS Code: 562212
NAICS Description: SOLID WASTE LANDFILL

NAICS Code: 562213
NAICS Description: SOLID WASTE COMBUSTORS AND INCINERATORS

NAICS Code: 56291
NAICS Description: REMEDIATION SERVICES

NAICS Code: 562910
NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19871006
Actual Return to Compliance Date:	19900101
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19871223
Actual Return to Compliance Date:	19900101
Return to Compliance Qualifier:	Observed

NEW CURE, INC. (Continued) **1000353881**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19850926
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19871006
Actual Return to Compliance Date: 19900101
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

NEW CURE, INC. (Continued) **1000353881**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19861126
Actual Return to Compliance Date: 19900101
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19850926
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19870622
Actual Return to Compliance Date: 19900101
Return to Compliance Qualifier: Observed

NEW CURE, INC. (Continued) **1000353881**

Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19850926
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19871006
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19900101
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19871223
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19900101
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported

NEW CURE, INC. (Continued) **1000353881**

Former Citation:	Not reported
Evaluation Date:	19871006
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900101
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19861126
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900101
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19870622
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900101
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

NEW CURE, INC. (Continued) **1000353881**

RCRA-SQG:

Date Form Received by Agency:	20200305
Handler Name:	NEW CURE, INC.
Handler Address:	2550 GREENWOOD AVENUE
Handler City,State,Zip:	MONTEREY PARK, CA 91755-7419
EPA ID:	CAT080012024
Contact Name:	ELEOVARDO ROBLES
Contact Address:	GREENWOOD AVENUE
Contact City,State,Zip:	MONTEREY PARK, CA 91755
Contact Telephone:	323-720-9775
Contact Fax:	323-720-9905
Contact Email:	DROBLES@OII-LANDFILL.COM
Contact Title:	OPERATIONS MANAGER
EPA Region:	09
Land Type:	Federal
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2019
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	GREENWOOD AVENUE
Mailing City,State,Zip:	MONTEREY PARK, CA 91755
Owner Name:	EPA SUPERFUND SITE
Owner Type:	Federal
Operator Name:	NEW CURE, INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	The land is federally-owned, The site is federally-owned
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Land Disposal
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Land Disposal
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported

NEW CURE, INC. (Continued) **1000353881**

202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	High
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201028
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Yes
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: F039
Waste Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

NEW CURE, INC. (Continued) **1000353881**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EPA SUPERFUND SITE
Legal Status:	Federal
Date Became Current:	19890501
Date Ended Current:	Not reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW CURE, INC.
Legal Status:	Private
Date Became Current:	19920412
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	O.P.I., INC.
Legal Status:	Private
Date Became Current:	19920412
Date Ended Current:	Not reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9975
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERATING INDUSTRIES, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2425 S. GARFIELD AVENUE
Owner/Operator City,State,Zip:	CITY NOT REPORTED, CA 99999
Owner/Operator Telephone:	213-726-3202
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW CURE, INC.
Legal Status:	Private
Date Became Current:	19920515
Date Ended Current:	Not reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775

NEW CURE, INC. (Continued) **1000353881**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW CURE, INC.
Legal Status:	Private
Date Became Current:	19920515
Date Ended Current:	Not reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW CURE, INC.
Legal Status:	Private
Date Became Current:	19920412
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OPERATING INDUSTRIES, INC.
Legal Status:	Private
Date Became Current:	19910412
Date Ended Current:	Not reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ELEOVARDO ROBLES
Legal Status:	Private
Date Became Current:	19920412
Date Ended Current:	Not reported
Owner/Operator Address:	2550 GREENWOOD AVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AHAS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

NEW CURE, INC. (Continued) **1000353881**

Owner/Operator Address:	1749 S POTRERO GRANDE DR RM E
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	818-336-3636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AHAS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1749 S POTRERO GRANDE DR RM E
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	818-336-3636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW CURE, INC.
Legal Status:	Private
Date Became Current:	19920515
Date Ended Current:	Not reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OPERATING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	20000101
Date Ended Current:	Not reported
Owner/Operator Address:	2550 GREENWOOD AVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EPA SUPERFUND SITE
Legal Status:	Federal
Date Became Current:	19890501
Date Ended Current:	Not reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EPA SUPERFUND SITE

NEW CURE, INC. (Continued) **1000353881**

Legal Status: Federal
Date Became Current: 19890501
Date Ended Current: Not reported
Owner/Operator Address: 2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip: MONTEREY PARK, CA 91755
Owner/Operator Telephone: 323-720-9775
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 323-720-9905
Owner/Operator Email: DROBLES@OII-LANDFILL.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: OPERATING INDUSTRIES, INC.
Legal Status: Private
Date Became Current: 19910412
Date Ended Current: Not reported
Owner/Operator Address: 2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip: MONTEREY PARK, CA 91755
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: OPERATING INDUSTRIES, INC.
Legal Status: Private
Date Became Current: 19920412
Date Ended Current: Not reported
Owner/Operator Address: 2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip: MONTEREY PARK, CA 91755
Owner/Operator Telephone: 323-720-9975
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20100810
Handler Name: NEW CURE, INC. / OPERATING INDUSTRIES, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120302
Handler Name: NEW CURE, INC./OPERATING INDUSTIRES, INC/
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

NEW CURE, INC. (Continued) **1000353881**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140301
Handler Name: NEW CURE INC / OPERATING INDUSTRIES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20181010
Handler Name: NEW CURE, INC.
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200305
Handler Name: NEW CURE, INC.
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Yes
Electronic Manifest Broker: No

Receive Date: 19930701
Handler Name: OPERATING INDS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19970514

NEW CURE, INC. (Continued) **1000353881**

Handler Name: OPERATING INDS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20190206
Handler Name: NEW CURE, INC.
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19970514
Handler Name: OPERATING INDS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080828
Handler Name: OPERATING INDUSTRIES, INC. NEW CURE, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 11531
NAICS Description: SUPPORT ACTIVITIES FOR FORESTRY

NAICS Code: 562
NAICS Description: WASTE MANAGEMENT AND REMEDIATION SERVICES

NEW CURE, INC. (Continued) **1000353881**

NAICS Code: 562211
NAICS Description: HAZARDOUS WASTE TREATMENT AND DISPOSAL

NAICS Code: 562212
NAICS Description: SOLID WASTE LANDFILL

NAICS Code: 562213
NAICS Description: SOLID WASTE COMBUSTORS AND INCINERATORS

NAICS Code: 56291
NAICS Description: REMEDIATION SERVICES

NAICS Code: 562910
NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19871006
Actual Return to Compliance Date:	19900101
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements

NEW CURE, INC. (Continued) **1000353881**

Date Violation was Determined: 19871223
Actual Return to Compliance Date: 19900101
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19850926
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19871006
Actual Return to Compliance Date: 19900101
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported

NEW CURE, INC. (Continued) **1000353881**

Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19861126
Actual Return to Compliance Date:	19900101
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19850926
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements

NEW CURE, INC. (Continued) **1000353881**

Date Violation was Determined: 19870622
Actual Return to Compliance Date: 19900101
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19850926
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19871006
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19900101
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19871223
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19900101
Scheduled Compliance Date: Not reported

NEW CURE, INC. (Continued) **1000353881**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19871006
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900101
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19861126
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900101
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19870622
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900101
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

NEW CURE, INC. (Continued) **1000353881**

SIte:

Name:	OPERATING INDUSTRIES, INC., LANDFILL
Address:	900 N POTRERO GRANDE DR
Address 2:	Not reported
City,State,Zip:	MONTEREY PARK, CA 91754
Event Code:	Not reported
Action Taken Date:	09/30/1996
EPA ID:	CAT080012024
Action Name:	Record of Decision
Action ID:	4
Operable Unit:	01
Contaminated Media:	Leachate
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556

Media:

EPA ID:	CAT080012024
Contaminated Media:	Groundwater
Action ID:	4
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/30/1996
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556

EPA ID:	CAT080012024
Contaminated Media:	Landfill Gas
Action ID:	1
Operable Unit:	03
Action Name:	ROD Amendment
Action Taken Date:	09/28/1990
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1990
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556

NEW CURE, INC. (Continued) **1000353881**

EPA ID:	CAT080012024
Contaminated Media:	Air
Action ID:	1
Operable Unit:	04
Action Name:	Record of Decision
Action Taken Date:	07/31/1987
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1987
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556

EPA ID:	CAT080012024
Contaminated Media:	Leachate
Action ID:	1
Operable Unit:	04
Action Name:	Record of Decision
Action Taken Date:	07/31/1987
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1987
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556

EPA ID:	CAT080012024
Contaminated Media:	Air
Action ID:	1
Operable Unit:	04
Action Name:	Record of Decision
Action Taken Date:	07/31/1987
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1987
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556

EPA ID:	CAT080012024
Contaminated Media:	Leachate
Action ID:	1
Operable Unit:	04
Action Name:	Record of Decision
Action Taken Date:	07/31/1987

NEW CURE, INC. (Continued) **1000353881**

Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1987
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556

EPA ID:	CAT080012024
Contaminated Media:	Leachate
Action ID:	2
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	11/16/1987
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1988
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556

EPA ID:	CAT080012024
Contaminated Media:	Leachate
Action ID:	2
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	11/16/1987
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1988
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556

EPA ID:	CAT080012024
Contaminated Media:	Leachate
Action ID:	2
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	11/16/1987
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1988

NEW CURE, INC. (Continued) **1000353881**

NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.033333
Longitude: -118.105556

EPA ID: CAT080012024
Contaminated Media: Leachate
Action ID: 2
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 11/16/1987
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1988
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.033333
Longitude: -118.105556

EPA ID: CAT080012024
Contaminated Media: Landfill Gas
Action ID: 3
Operable Unit: 03
Action Name: Record of Decision
Action Taken Date: 09/30/1988
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1988
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.033333
Longitude: -118.105556

EPA ID: CAT080012024
Contaminated Media: Landfill Gas
Action ID: 3
Operable Unit: 03
Action Name: Record of Decision
Action Taken Date: 09/30/1988
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1988
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.033333
Longitude: -118.105556

EPA ID: CAT080012024

NEW CURE, INC. (Continued) **1000353881**

Contaminated Media:	Landfill Gas
Action ID:	3
Operable Unit:	03
Action Name:	Record of Decision
Action Taken Date:	09/30/1988
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1988
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556

EPA ID:	CAT080012024
Contaminated Media:	Leachate
Action ID:	4
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/30/1996
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556

EPA ID:	CAT080012024
Contaminated Media:	Leachate
Action ID:	4
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/30/1996
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556

EPA ID:	CAT080012024
Contaminated Media:	Leachate
Action ID:	4
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/30/1996
Event Code:	Not reported

NEW CURE, INC. (Continued) **1000353881**

Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556

EPA ID:	CAT080012024
Contaminated Media:	Leachate
Action ID:	4
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/30/1996
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556

ROD:

Name:	OPERATING INDUSTRIES, INC., LANDFILL
Address:	900 N POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91754
EPA ID:	CAT080012024
RG:	9
Site ID:	902673
Action:	GOVT Decision Document (ROD)
Operable Unit Number:	SITE CONTROL & MONIT LTR AGREE
SEQ ID:	1
Action Completion:	1987-07-31 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported

Name:	OPERATING INDUSTRIES, INC., LANDFILL
Address:	900 N POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91754
EPA ID:	CAT080012024
RG:	9
Site ID:	902673
Action:	GOVT Decision Document (ROD)
Operable Unit Number:	LEACHATE MANAGEMENT
SEQ ID:	2
Action Completion:	1987-11-16 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported

Name:	OPERATING INDUSTRIES, INC., LANDFILL
Address:	900 N POTRERO GRANDE DR

NEW CURE, INC. (Continued) **1000353881**

City,State,Zip: MONTEREY PARK, CA 91754
EPA ID: CAT080012024
RG: 9
Site ID: 902673
Action: GOVT Decision Document (ROD)
Operable Unit Number: GAS/CD3
SEQ ID: 3
Action Completion: 1988-09-30 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91754
EPA ID: CAT080012024
RG: 9
Site ID: 902673
Action: GOVT Decision Document (ROD)
Operable Unit Number: OVERALL SITE
SEQ ID: 4
Action Completion: 1996-09-30 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91754
EPA ID: CAT080012024
RG: 9
Site ID: 902673
Action: GOVT ROD Amendment
Operable Unit Number: GAS/CD3
SEQ ID: 1
Action Completion: 1990-09-28 00:00:00
NPL Status: Final
Non NPL Status: Not reported

RAATS:
Entry No: 1
Facility ID: CAT080012024
Type: Not reported
Docket No: 83-28
Region: 09
Issue Date: 08/02/1983
Final Date: 06/27/1983
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 572
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 1 265.90
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: 17,000.00
Final Penalty: 37,200.00
Total Prop. Penalty: 47,200.00
Comments: Not reported

NEW CURE, INC. (Continued) **1000353881**

Entry No:	1
Facility ID:	CAT080012024
Type:	Not reported
Docket No:	83-28
Region:	09
Issue Date:	08/02/1983
Final Date:	06/27/1983
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	572
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	2 265.91
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	37,200.00
Total Prop. Penalty:	47,200.00
Comments:	Not reported

Entry No:	1
Facility ID:	CAT080012024
Type:	Not reported
Docket No:	83-28
Region:	09
Issue Date:	08/02/1983
Final Date:	06/27/1983
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	572
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	3 265.92
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	37,200.00
Total Prop. Penalty:	47,200.00
Comments:	Not reported

Entry No:	1
Facility ID:	CAT080012024
Type:	Not reported
Docket No:	83-28
Region:	09
Issue Date:	08/02/1983
Final Date:	06/27/1983
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	572
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	4 265.93
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	37,200.00

NEW CURE, INC. (Continued) **1000353881**

Total Prop. Penalty: 47,200.00
Comments: Not reported

Entry No: 1
Facility ID: CAT080012024
Type: Not reported
Docket No: 83-28
Region: 09
Issue Date: 08/02/1983
Final Date: 06/27/1983
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 572
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 5 265.112
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: 10,000.00
Final Penalty: 37,200.00
Total Prop. Penalty: 47,200.00
Comments: Not reported

Entry No: 1
Facility ID: CAT080012024
Type: Not reported
Docket No: 83-28
Region: 09
Issue Date: 08/02/1983
Final Date: 06/27/1983
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 572
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 6 265.142
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: 500.00
Final Penalty: 37,200.00
Total Prop. Penalty: 47,200.00
Comments: Not reported

Entry No: 1
Facility ID: CAT080012024
Type: Not reported
Docket No: 83-28
Region: 09
Issue Date: 08/02/1983
Final Date: 06/27/1983
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 572
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 7 265.118
Total No Cited: Not reported

NEW CURE, INC. (Continued) **1000353881**

Reg Type: CFR
Prop. Penalty: 10,000.00
Final Penalty: 37,200.00
Total Prop. Penalty: 47,200.00
Comments: Not reported

Entry No: 1
Facility ID: CAT080012024
Type: Not reported
Docket No: 83-28
Region: 09
Issue Date: 08/02/1983
Final Date: 06/27/1983
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 572
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 8 265.144
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: 500.00
Final Penalty: 37,200.00
Total Prop. Penalty: 47,200.00
Comments: Not reported

Entry No: 1
Facility ID: CAT080012024
Type: Not reported
Docket No: 83-28
Region: 09
Issue Date: 08/02/1983
Final Date: 06/27/1983
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 572
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 9 265 SUBPART H
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: 9,200.00
Final Penalty: 37,200.00
Total Prop. Penalty: 47,200.00
Comments: Not reported

PRP:
PRP Name: 7UP/RC BOTTLING COMPANIES OF SOUTHERN CALIFORNIA
A&A WIPING CLOTH COMPANY, INC.
A. J. DAW PRINTING INK CO.
A.B. DICK CO.
AB PLASTICS CORP.
ABBOTT LABORATORIES
ABC UNIFIED SCHOOL DISTRICT
ABM JANITORIAL SVCS. SUCCESSOR AMERICAN BLDG. MAIN
ACCESSORY PLATING
ACCURIDE INTERNATIONAL, INC.

NEW CURE, INC. (Continued) **1000353881**

ACTIVE USA, INC
ADAMS RITE AEROSPACE, INC.
ADAMS RITE MANUFACTURING CO.
ADOHR FARMS LLC
AERO ENGINES, INC.
AGREX, INC
AGRI-CHEMICAL & SUPPLY, INC.
AIR LIQUIDE AMERICA CORP.
AIR NATIONAL GUARD
AIR PRODUCTS & CHEMICALS, INC.

Click this hyperlink while viewing on your computer to access
1395 additional PRP: record(s) in the EDR Site Report.

ICIS:

Enforcement Action ID:	09-2013-2509
FRS ID:	110064125833
Action Name:	Operating Industries, Inc. de minimis
Facility Name:	OPERATING INDUSTRIES, INC., LANDFILL
Facility Address:	900 N POTRERO GRANDE DR MONTEREY PARK, CA 91754
Enforcement Action Type:	CERCLA 122G1A Agrmt For De Minimus Cr
Facility County:	LOS ANGELES
Program System Acronym:	CERCLIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	122G1A
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	34.03333
Longitude in Decimal Degrees:	-118.10555
Permit Type Desc:	Not reported
Program System Acronym:	CAT080012024
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

CONSENT:

EPA ID:	CAT080012024
Site ID:	Not reported
Case Title:	IN RE: ARGO PETROLEUM AND ARGO REALTY CORPORATION
Court Num:	86-15585
District:	California, Cent
Entered Date:	19910225
Name:	OPERATING INDUSTRIES
Name:	OPERATING INDS INC
Address:	2550 GREENWOOD AVE
City,State,Zip:	MONTEREY PARK, CA 91755
County:	LOS ANGELES

FINDS:

Registry ID: 110064125833

Click Here:

Environmental Interest/Information System:
SUPERFUND NPL

NEW CURE, INC. (Continued) **1000353881**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

B11 **ROSS NAME PLATE CO** **HAZNET S113010263**
2 RED PLUM CIRCLE **HWTS N/A**
< 1/8 **MONTEREY, CA 91755**
1 ft.

Site 1 of 10 in cluster B

Relative: Lower
Actual: 348 ft.

HAZNET:

Name:	ROSS NAME PLATE CO
Address:	2 RED PLUM CIRCLE
Address 2:	Not reported
City,State,Zip:	MONTEREY, CA 917557411
Contact:	JOSE GOMEZ
Telephone:	3237256812
Mailing Name:	Not reported
Mailing Address:	2 RED PLUM CIR
Year:	2019
Gepaid:	CAD981685373
TSD EPA ID:	NVT330010000
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.50000
Year:	2018
Gepaid:	CAD981685373
TSD EPA ID:	CAT000646117
CA Waste Code:	352 - Other organic solids
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.05000
Year:	2018
Gepaid:	CAD981685373
TSD EPA ID:	NVT330010000
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.40000
Year:	2017
Gepaid:	CAD981685373
TSD EPA ID:	NVT330010000
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.35
Year:	2016
Gepaid:	CAD981685373
TSD EPA ID:	NVT330010000
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.5

ROSS NAME PLATE CO (Continued) **S113010263**

Year:	2015
Gepaid:	CAD981685373
TSD EPA ID:	NVT330010000
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.9

Year:	2014
Gepaid:	CAD981685373
TSD EPA ID:	NVT330010000
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.925

Year:	2013
Gepaid:	CAD981685373
TSD EPA ID:	NVT330010000
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.75

Year:	2012
Gepaid:	CAD981685373
TSD EPA ID:	ARD981057870
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.108

Year:	2012
Gepaid:	CAD981685373
TSD EPA ID:	NVT330010000
CA Waste Code:	291 - Latex waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.225

Click this hyperlink while viewing on your computer to access
52 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2003
Gen EPA ID:	CAD981685373
Shipment Date:	20030527
Creation Date:	7/20/2004 10:01:52
Receipt Date:	20030530
Manifest ID:	22506072
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported

ROSS NAME PLATE CO (Continued) **S113010263**

TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAD981685373
Shipment Date:	19971231
Creation Date:	3/31/1998 0:00:00
Receipt Date:	19980106
Manifest ID:	97309934
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD097030993
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970709
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970714
Manifest ID:	96767828
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	D99 - Disposal, Other

ROSS NAME PLATE CO (Continued) **S113010263**

Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970709
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970714
Manifest ID:	96767827
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970312
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970314
Manifest ID:	96741527
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.5
Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

ROSS NAME PLATE CO (Continued) **S113010263**

Additional Info:

Year:	2013
Gen EPA ID:	CAD981685373
Shipment Date:	20130426
Creation Date:	6/11/2013 22:15:07
Receipt Date:	20130503
Manifest ID:	011250402JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	NV TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.75
Waste Quantity:	1500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAD981685373
Shipment Date:	19981102
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981104
Manifest ID:	98481409
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

ROSS NAME PLATE CO (Continued) **S113010263**

Shipment Date:	19980717
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980721
Manifest ID:	98401998
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.035
Waste Quantity:	70
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980717
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980722
Manifest ID:	98401999
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980330
Creation Date:	6/16/1998 0:00:00
Receipt Date:	19980401
Manifest ID:	98337263
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681

ROSS NAME PLATE CO (Continued) **S113010263**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.5
Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAD981685373
Shipment Date:	20150731
Creation Date:	2/4/2016 22:16:03
Receipt Date:	20150804
Manifest ID:	014909074JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.5
Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150108
Creation Date:	6/26/2015 22:15:47
Receipt Date:	20150115
Manifest ID:	013691684JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	JAG NV TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics

ROSS NAME PLATE CO (Continued) **S113010263**

RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAD981685373
Shipment Date:	20001214
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001218
Manifest ID:	20883867
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000606
Creation Date:	8/14/2000 0:00:00
Receipt Date:	20000608
Manifest ID:	20258282
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.2
Waste Quantity:	400

ROSS NAME PLATE CO (Continued) **S113010263**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000606
Creation Date:	8/14/2000 0:00:00
Receipt Date:	20000608
Manifest ID:	20258282
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000224
Creation Date:	5/17/2000 0:00:00
Receipt Date:	20000302
Manifest ID:	99644307
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012

ROSS NAME PLATE CO (Continued) **S113010263**

Gen EPA ID:	CAD981685373
Shipment Date:	20120402
Creation Date:	10/19/2012 22:15:10
Receipt Date:	20120412
Manifest ID:	009533441JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	D035
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120402
Creation Date:	8/29/2012 22:15:17
Receipt Date:	20120405
Manifest ID:	009533442JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	NV TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.425
Waste Quantity:	850
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120125
Creation Date:	6/12/2012 20:30:09
Receipt Date:	20120130
Manifest ID:	009244443JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC

ROSS NAME PLATE CO (Continued) **S113010263**

Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120119
Creation Date:	6/9/2012 20:30:10
Receipt Date:	20120128
Manifest ID:	009244191JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.3604
Waste Quantity:	106
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120119
Creation Date:	6/9/2012 20:30:10
Receipt Date:	20120128
Manifest ID:	009244191JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001

ROSS NAME PLATE CO (Continued) **S113010263**

Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120119
Creation Date:	6/9/2012 20:30:10
Receipt Date:	20120128
Manifest ID:	009244191JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120119
Creation Date:	5/29/2012 20:30:08
Receipt Date:	20120123
Manifest ID:	009244193JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

ROSS NAME PLATE CO (Continued) **S113010263**

Additional Code 5:	Not reported
Additional Info:	
Year:	2006
Gen EPA ID:	CAD981685373
Shipment Date:	20061003
Creation Date:	6/11/2007 18:30:13
Receipt Date:	20061005
Manifest ID:	001397626JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD981430911
Trans 2 Name:	ZEPEDA TRKG
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	2.5
Waste Quantity:	5000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061003
Creation Date:	6/11/2007 18:30:13
Receipt Date:	20061005
Manifest ID:	001397624JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD981430911
Trans 2 Name:	ZEPEDA TRKG
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

ROSS NAME PLATE CO (Continued) **S113010263**

Additional Info:

Year:	2011
Gen EPA ID:	CAD981685373
Shipment Date:	20110927
Creation Date:	3/22/2012 20:30:11
Receipt Date:	20111008
Manifest ID:	008780817JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.18
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	D035
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110927
Creation Date:	3/20/2012 20:30:25
Receipt Date:	20111003
Manifest ID:	008780818JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	NV TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110114
Creation Date:	6/23/2011 18:30:12
Receipt Date:	20110125
Manifest ID:	008050984JJK

ROSS NAME PLATE CO (Continued) **S113010263**

Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.144
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	D035
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110114
Creation Date:	6/23/2011 18:30:12
Receipt Date:	20110121
Manifest ID:	008050985JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD981685373

Shipment Date:	19941205
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941209
Manifest ID:	92851074
Trans EPA ID:	CAD983646589
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

ROSS NAME PLATE CO (Continued) **S113010263**

TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.275
Waste Quantity:	550
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940609
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940614
Manifest ID:	93506541
Trans EPA ID:	CAD983646589
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940315
Creation Date:	10/5/1995 0:00:00
Receipt Date:	19940322
Manifest ID:	93339367
Trans EPA ID:	CAD983646589
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.4
Waste Quantity:	800

ROSS NAME PLATE CO (Continued) **S113010263**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAD981685373
Shipment Date:	20170317
Creation Date:	5/11/2018 18:34:27
Receipt Date:	20170327
Manifest ID:	016795958JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIROSERV
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.35
Waste Quantity:	700
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAD981685373
Shipment Date:	19960919
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960923
Manifest ID:	96426411
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.225

ROSS NAME PLATE CO (Continued) **S113010263**

Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960529
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960603
Manifest ID:	96194351
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960529
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960531
Manifest ID:	96194357
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960129

ROSS NAME PLATE CO (Continued) **S113010263**

Creation Date:	10/10/1996 0:00:00
Receipt Date:	19960201
Manifest ID:	95797134
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.5
Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAD981685373
Shipment Date:	20050622
Creation Date:	10/11/2005 18:32:36
Receipt Date:	20050624
Manifest ID:	24513428
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	1.5
Waste Quantity:	3000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAD981685373
Shipment Date:	20090205

ROSS NAME PLATE CO (Continued) **S113010263**

Creation Date:	6/3/2009 18:30:08
Receipt Date:	20090209
Manifest ID:	005544847JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.5
Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090205
Creation Date:	7/2/2009 18:30:42
Receipt Date:	20090217
Manifest ID:	005544846JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.396
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	D035
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAD981685373

Shipment Date:	20150731
Creation Date:	2/4/2016 22:16:03
Receipt Date:	20150804
Manifest ID:	014909074JJK
Trans EPA ID:	CAR000188201

ROSS NAME PLATE CO (Continued) **S113010263**

Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECOLOGY CONTROL INDUSTRIES
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.5
Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150108
Creation Date:	6/26/2015 22:15:47
Receipt Date:	20150115
Manifest ID:	013691684JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	JAG NV TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAD981685373
Shipment Date:	20021023
Creation Date:	2/21/2003 10:42:43
Receipt Date:	20021025
Manifest ID:	22136211
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

ROSS NAME PLATE CO (Continued) **S113010263**

TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20021023
Creation Date:	2/13/2003 18:31:35
Receipt Date:	20021030
Manifest ID:	22136020
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.75
Waste Quantity:	1500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020509
Creation Date:	7/19/2002 15:57:28
Receipt Date:	20020514
Manifest ID:	21869663
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.187
Waste Quantity:	55

ROSS NAME PLATE CO (Continued) **S113010263**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020501
Creation Date:	7/19/2002 15:57:28
Receipt Date:	20020514
Manifest ID:	21623716
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	3.465
Waste Quantity:	825
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020501
Creation Date:	7/19/2002 15:57:28
Receipt Date:	20020514
Manifest ID:	21623716
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.504
Waste Quantity:	120
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020228
Creation Date:	7/22/2002 18:31:22

ROSS NAME PLATE CO (Continued) **S113010263**

Receipt Date:	20020304
Manifest ID:	21523987
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.75
Waste Quantity:	1500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAD981685373
Shipment Date:	20140814
Creation Date:	1/25/2015 22:15:12
Receipt Date:	20140818
Manifest ID:	013191767JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAL000397106
Trans 2 Name:	JAG NV TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.5
Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140114
Creation Date:	6/9/2014 22:15:05
Receipt Date:	20140117
Manifest ID:	012379627JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC

ROSS NAME PLATE CO (Continued) **S113010263**

Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	NV TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F005
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.425
Waste Quantity:	850
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAD981685373
Shipment Date:	20080115
Creation Date:	6/4/2008 18:30:16
Receipt Date:	20080118
Manifest ID:	003577169JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1.2
Waste Quantity:	2400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAD981685373
Shipment Date:	20040615
Creation Date:	11/1/2004 9:00:46
Receipt Date:	20040618
Manifest ID:	23830871

ROSS NAME PLATE CO (Continued) **S113010263**

Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	DK ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD981685373
Shipment Date:	19930317
Creation Date:	9/6/1995 0:00:00
Receipt Date:	19930322
Manifest ID:	92682680
Trans EPA ID:	CAD982323552
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD020161642
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAD981685373
Shipment Date:	20010724
Creation Date:	10/3/2001 0:00:00
Receipt Date:	20010727

ROSS NAME PLATE CO (Continued) **S113010263**

Manifest ID:	21041453
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010516
Creation Date:	7/30/2001 0:00:00
Receipt Date:	20010522
Manifest ID:	21168777
Trans EPA ID:	CA000097039
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT08003368
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	1.2
Waste Quantity:	2400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010329
Creation Date:	6/27/2001 0:00:00
Receipt Date:	20010402
Manifest ID:	21118626
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported

ROSS NAME PLATE CO (Continued) **S113010263**

Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010329
Creation Date:	6/27/2001 0:00:00
Receipt Date:	20010402
Manifest ID:	21118626
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD981685373
Shipment Date:	19950814
Creation Date:	4/1/1996 0:00:00
Receipt Date:	19950816
Manifest ID:	95652085
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D007
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2
Waste Quantity:	400

ROSS NAME PLATE CO (Continued) **S113010263**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950522
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950523
Manifest ID:	95614940
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F006
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAD981685373
Shipment Date:	20100222
Creation Date:	11/30/2010 18:30:16
Receipt Date:	20100225
Manifest ID:	006827984JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

ROSS NAME PLATE CO (Continued) **S113010263**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100222
Creation Date:	11/30/2010 18:30:29
Receipt Date:	20100310
Manifest ID:	006827983JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	D035
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAD981685373
Shipment Date:	19991028
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991101
Manifest ID:	99369109
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990714
Creation Date:	9/1/1999 0:00:00

ROSS NAME PLATE CO (Continued) **S113010263**

Receipt Date:	19990719
Manifest ID:	99333840
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990714
Creation Date:	9/1/1999 0:00:00
Receipt Date:	19990719
Manifest ID:	99333840
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990219
Creation Date:	5/4/1999 0:00:00
Receipt Date:	19990222
Manifest ID:	98362333
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

ROSS NAME PLATE CO (Continued) **S113010263**

TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D007
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	ROSS NAME PLATE CO
Address:	2 RED PLUM CIRCLE
Address 2:	Not reported
City,State,Zip:	MONTEREY, CA 917550000
EPA ID:	CAD981685373
Inactive Date:	Not reported
Create Date:	04/10/1987
Last Act Date:	08/03/2020
Mailing Name:	Not reported
Mailing Address:	2 RED PLUM CIR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MONTEREY PARK, CA 917557411
Owner Name:	ROSS NAME PLATE
Owner Address:	TWO RED PLUM CIRCLE
Owner Address 2:	Not reported
Owner City,State,Zip:	MONTEREY PARK, CA 917550000
Contact Name:	JOSE GOMEZ
Contact Address:	TWO RED PLUM CIRCLE
Contact Address 2:	Not reported
City,State,Zip:	MONTEREY PARK, CA 91755

NAICS:

EPA ID:	CAD981685373
Create Date:	2010-11-22 13:00:50.000
NAICS Code:	332812
NAICS Description:	Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers
Issued EPA ID Date:	1987-04-10 00:00:00
Inactive Date:	Not reported
Facility Name:	ROSS NAME PLATE CO
Facility Address:	2 RED PLUM CIRCLE
Facility Address 2:	Not reported
Facility City:	MONTEREY
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917550000

EPA ID:	CAD981685373
Create Date:	2010-11-22 13:00:50.000
NAICS Code:	332812
NAICS Description:	Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers
Issued EPA ID Date:	1987-04-10 00:00:00

ROSS NAME PLATE CO (Continued) **S113010263**

Inactive Date:	Not reported
Facility Name:	ROSS NAME PLATE CO
Facility Address:	2 RED PLUM CIRCLE
Facility Address 2:	Not reported
Facility City:	MONTEREY
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917550000
EPA ID:	CAD981685373
Create Date:	2009-12-03 12:41:18.000
NAICS Code:	339914
NAICS Description:	Costume Jewelry and Novelty Manufacturing
Issued EPA ID Date:	1987-04-10 00:00:00
Inactive Date:	Not reported
Facility Name:	ROSS NAME PLATE CO
Facility Address:	2 RED PLUM CIRCLE
Facility Address 2:	Not reported
Facility City:	MONTEREY
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917550000

B12 **ROSS NAME PLATE CO** **FINDS 1016187957**
2 RED PLUM CIRCLE **ECHO N/A**
< 1/8 **MONTEREY PARK, CA 91755**
1 ft.

Site 2 of 10 in cluster B

Relative: **Lower**
Actual: **348 ft.**

FINDS:
Registry ID: 110002752101

Click Here:

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
STATE MASTER

ROSS NAME PLATE CO (Continued) **1016187957**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016187957
Registry ID:	110002752101
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002752101
Name:	ROSS NAME PLATE CO
Address:	2 RED PLUM CIRCLE
City,State,Zip:	MONTEREY PARK, CA 91755

B13 **ROSS NAME PLATE CO** **RCRA-LQG 1000375272**
NUMBER 2 RED PLUM CR **SWEEPS UST CAD981685373**
< 1/8 **MONTEREY PARK, CA 91754** **CA FID UST**
1 ft.

Site 3 of 10 in cluster B

Relative: Lower
Actual: 348 ft.

RCRA-LQG:

Date Form Received by Agency:		19861021
Handler Name:	ROSS NAME PLATE CO	
Handler Address:		NUMBER 2 RED PLUM CR
Handler City,State,Zip:		MONTEREY PARK, CA 91754
EPA ID:		CAD981685373
Contact Name:		ENVIRONMENTAL MANAGER
Contact Address:		NUMBER 2 RED PLUM CR
Contact City,State,Zip:		MONTEREY PARK, CA 91754
Contact Telephone:		213-725-6812
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Other
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		3
Mailing Address:		NUMBER 2 RED PLUM CR
Mailing City,State,Zip:		MONTEREY PARK, CA 91754
Owner Name:		ROSS HARRY
Owner Type:		Private
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No

ROSS NAME PLATE CO (Continued) **1000375272**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROSS HARRY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ROSS NAME PLATE CO (Continued) **1000375272**

Historic Generators:
- Receive Date: 19861021
- Handler Name: ROSS NAME PLATE CO
- Federal Waste Generator Description: Large Quantity Generator
- State District Owner: CA
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
- Found Violation: Yes
- Agency Which Determined Violation: State
- Violation Short Description: Generators - Pre-transport
- Date Violation was Determined: 20160407
- Actual Return to Compliance Date: 20160407
- Return to Compliance Qualifier: Documented
- Violation Responsible Agency: State
- Scheduled Compliance Date: Not reported
- Enforcement Identifier: Not reported
- Date of Enforcement Action: Not reported
- Enforcement Responsible Agency: Not reported
- Enforcement Docket Number: Not reported
- Enforcement Attorney: Not reported
- Corrective Action Component: Not reported
- Appeal Initiated Date: Not reported
- Appeal Resolution Date: Not reported
- Disposition Status Date: Not reported
- Disposition Status: Not reported
- Disposition Status Description: Not reported
- Consent/Final Order Sequence Number: Not reported
- Consent/Final Order Respondent Name: Not reported
- Consent/Final Order Lead Agency: Not reported
- Enforcement Type: Not reported
- Enforcement Responsible Person: Not reported
- Enforcement Responsible Sub-Organization: Not reported
- SEP Sequence Number: Not reported
- SEP Expenditure Amount: Not reported
- SEP Scheduled Completion Date: Not reported
- SEP Actual Date: Not reported
- SEP Defaulted Date: Not reported
- SEP Type: Not reported
- SEP Type Description: Not reported
- Proposed Amount: Not reported
- Final Monetary Amount: Not reported
- Paid Amount: Not reported
- Final Count: Not reported
- Final Amount: Not reported

ROSS NAME PLATE CO (Continued) **1000375272**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20160407
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

ROSS NAME PLATE CO (Continued) **1000375272**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 20160407
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

ROSS NAME PLATE CO (Continued) **1000375272**

Evaluation Action Summary:

Evaluation Date:	20160407
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20160407
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20160407
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19930308
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20160407
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

SWEEPS UST:
Name: ROSS NAME PLATE

ROSS NAME PLATE CO (Continued) **1000375272**

Address:	2 RED PLUM
City:	MONTEREY PARK
Status:	Active
Comp Number:	7314
Number:	1
Board Of Equalization:	Not reported
Referral Date:	03-15-90
Action Date:	03-15-90
Created Date:	03-15-90
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-007314-000001
Tank Status:	A
Capacity:	5000
Active Date:	03-15-90
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	1

CA FID UST:

Facility ID:	19052411
Regulated By:	UTNKA
Regulated ID:	981685373
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137256812
Mail To:	Not reported
Mailing Address:	2 RED PLUM
Mailing Address 2:	Not reported
Mailing City,St,Zip:	MONTEREY PARK 91754
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

B14 **ROSS NAME PLATE CO** **CERS HAZ WASTE** **U002281046**
2 RED PLUM CIRCLE **EMI** **N/A**
< 1/8 **MONTEREY PARK, CA 91755** **LOS ANGELES CO. HMS**
1 ft. **NPDES**
Site 4 of 10 in cluster B **CIWQS**
CERS

Relative:
Lower

Actual:
348 ft.

CERS HAZ WASTE:

Name:	ROSS NAME PLATE COMPANY
Address:	2 RED PLUM CIR
City,State,Zip:	MONTEREY PARK, CA 91755
Site ID:	63025
CERS ID:	10280374
CERS Description:	RCRA LQ HW Generator

Name:	ROSS NAME PLATE COMPANY
Address:	2 RED PLUM CIR
City,State,Zip:	MONTEREY PARK, CA 91755
Site ID:	63025

ROSS NAME PLATE CO (Continued) **U002281046**

CERS ID: 10280374
CERS Description: Hazardous Waste Generator

Name: ROSS NAME PLATE COMPANY
Address: 2 RED PLUM CIR
City,State,Zip: MONTEREY PARK, CA 91755
Site ID: 63025
CERS ID: 10280374
CERS Description: Hazardous Waste Onsite Treatment

EMI:
Name: ROSS NAME PLATE CO
Address: 2 RED PLUM CIRCLE
City,State,Zip: MONTEREY PARK, CA 917550000
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 20440
Air District Name: SC
SIC Code: 3993
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 7
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: ROSS NAME PLATE CO
Address: 2 RED PLUM CIR
City,State,Zip: MONTEREY PARK, CA 917550000
Year: 1995
County Code: 19
Air Basin: SC
Facility ID: 20440
Air District Name: SC
SIC Code: 3993
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: ROSS NAME PLATE CO
Address: 2 RED PLUM CIR
City,State,Zip: MONTEREY PARK, CA 917550000
Year: 1997
County Code: 19
Air Basin: SC

ROSS NAME PLATE CO (Continued) **U002281046**

Facility ID:	20440
Air District Name:	SC
SIC Code:	3993
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ROSS NAME PLATE CO
Address:	2 RED PLUM CIR
City,State,Zip:	MONTEREY PARK, CA 917550000
Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	20440
Air District Name:	SC
SIC Code:	3993
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ROSS NAME PLATE CO
Address:	2 RED PLUM CIR
City,State,Zip:	MONTEREY PARK, CA 917550000
Year:	1999
County Code:	19
Air Basin:	SC
Facility ID:	20440
Air District Name:	SC
SIC Code:	3993
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ROSS NAME PLATE CO
Address:	2 RED PLUM CIR
City,State,Zip:	MONTEREY PARK, CA 917550000

ROSS NAME PLATE CO (Continued) **U002281046**

Year:	2000
County Code:	19
Air Basin:	SC
Facility ID:	20440
Air District Name:	SC
SIC Code:	3993
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	ROSS NAME PLATE CO
Address:	2 RED PLUM CIR
City,State,Zip:	MONTEREY PARK, CA 917550000
Year:	2001
County Code:	19
Air Basin:	SC
Facility ID:	20440
Air District Name:	SC
SIC Code:	3993
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

LOS ANGELES CO. HMS:

Name:	ROSS NAME PLATE CO
Address:	2 RED PLUM CIR
City,State,Zip:	MONTEREY PARK, CA 917547486
Region:	LA
Permit Category:	I
Facility Id:	6997-I07314
Facility Type:	01
Facility Status:	Permit
Area:	3M
Permit Number:	000006890
Permit Status:	Permit

Name:	ROSS NAME PLATE CO
Address:	2 RED PLUM CIR
City,State,Zip:	MONTEREY PARK, CA 917547486
Region:	LA
Permit Category:	T
Facility Id:	6997-007314
Facility Type:	0

ROSS NAME PLATE CO (Continued) **U002281046**

Facility Status: Removed
Area: 3M
Permit Number: 00005911T
Permit Status: Removed

NPDES:

Name:	ROSS NAME PLATE CO
Address:	2 RED PLUM CIRCLE
City,State,Zip:	MONTEREY PARK, CA 91755
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 19IN605750
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	No Action Required
Status Date:	08/28/2020
Operator Name:	Ross Name Plate Co
Operator Address:	2 Red Plum Circle
Operator City:	Monterey Park
Operator State:	California
Operator Zip:	91755

Name:	ROSS NAME PLATE CO
Address:	2 RED PLUM CIRCLE
City,State,Zip:	MONTEREY PARK, CA 91755
Facility Status:	Active
NPDES Number:	CAS000001
Region:	4
Agency Number:	0
Regulatory Measure ID:	523242
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	4 19NEC007171
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/03/2020
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	2 Red Plum Circle
Discharge Name:	Ross Name Plate Co
Discharge City:	Monterrey Park
Discharge State:	California

ROSS NAME PLATE CO (Continued) **U002281046**

Discharge Zip:	91755
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Name:	ROSS NAME PLATE CO
Address:	2 RED PLUM CIRCLE
City,State,Zip:	MONTEREY PARK, CA 91755
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 19NEC007171
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	08/03/2020
Operator Name:	Ross Name Plate Co
Operator Address:	2 Red Plum Circle
Operator City:	Monterrey Park
Operator State:	California
Operator Zip:	91755

CIWQS:

Name:	ROSS NAME PLATE CO
Address:	2 RED PLUM CIRCLE
City,State,Zip:	MONTEREY PARK, CA 91755
Agency:	Ross Name Plate Co
Agency Address:	2 Red Plum Circle, Monterrey Park, CA 91755
Place/Project Type:	Industrial - Coating, Engraving, and Allied Services, NEC
SIC/NAICS:	3479
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 19NEC007171
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	08/03/2020
Termination Date:	Not reported

ROSS NAME PLATE CO (Continued) **U002281046**

Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.0386
Longitude:	-118.11785

CERS:

Name:	ROSS NAME PLATE COMPANY
Address:	2 RED PLUM CIR
City,State,Zip:	MONTEREY PARK, CA 91755
Site ID:	63025
CERS ID:	10280374
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	63025
Site Name:	ROSS NAME PLATE COMPANY
Violation Date:	06-06-2019
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes:	Returned to compliance on 07/18/2019. OBSERVATION: The used spray booth filters located in the spray booth room was observed being accumulated in waste container and a proper waste determination has not been made. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the used spray booth filter has been properly characterized to determine if it is a hazardous waste. If determined to be hazardous submit a manifest/receipt documenting proper disposal and a statement demonstrating how you will manage it in the future.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,

Site ID:	63025
Site Name:	ROSS NAME PLATE COMPANY
Violation Date:	04-07-2016
Citation:	22 CCR 45 67450.13(a)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(2)
Violation Description:	Failure to adjust Closure Costs for inflation / deflation by March 1st.
Violation Notes:	Returned to compliance on 12/06/2017. OBSERVATION: A written estimate of closure costs for the fixed treatment unit(s) has not been submitted to the CERS. A owner/operator shall prepare a written estimate of the cost of closing each unit. CORRECTIVE ACTION: Submit the written estimate of closure costs for financial assurance for each unit to the CERS. Provide financial assurance documents if closure cost is more than $10,000.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CA
Violation Source:	CERS,

Site ID:	63025

ROSS NAME PLATE CO (Continued) **U002281046**

Site Name:	ROSS NAME PLATE COMPANY
Violation Date:	04-07-2016
Citation:	HSC 6.5 25200.14(b)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25200.14(b)(1)
Violation Description:	Failure to submit a Phase I Checklist.
Violation Notes:	Returned to compliance on 12/06/2017. OBSERVATION: A copy of the HW contingency plan was not maintained at the facility and/or submitted to the required agencies listed in this section. CORRECTIVE ACTION: Immediately maintain a HW contingency plan at the facility and/or submit a copy to California Environmental Reporting System (CERS).
Violation Division:	Los Angeles County Fire Department
Violation Program:	CA
Violation Source:	CERS,
Site ID:	63025
Site Name:	ROSS NAME PLATE COMPANY
Violation Date:	04-07-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 04/07/2016. OBSERVATION: Observed no hazardous waste label posted on filter cake containers and used oil containers. All hazardous waste containers shall be marked with the following information: 1) the words Hazardous Waste ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information. Observed plant manager provided hazardous waste label to both filter cake containers and used oil containers at the end of inspection.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HWLQG
Violation Source:	CERS,
Site ID:	63025
Site Name:	ROSS NAME PLATE COMPANY
Violation Date:	04-07-2016
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 12/06/2017. OBSERVATION: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Observed owner has not completed the Business Activities Page, Hazardous Materials Inventory Page, Site Map, Waste Water Treatment Page, Emergency Response/Contingency Plan and Training Plan in California Environmental Reporting System (CERS) CORRECTIVE ACTION: Establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Complete and submit the following information to CERS: 1. Business Activities: Select "Yes" to question #8 as a Large Quantity Generator. 2.

ROSS NAME PLATE CO (Continued) **U002281046**

Hazardous Material Inventory: Report hazardous materials in Maximum Daily Amount for the following hazardous materials: Ferric Acid 175 gallons, Sulfuric Acid 150 gallons, Hydrofluoric Acid 120 [Truncated]

Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 63025
Site Name: ROSS NAME PLATE COMPANY
Violation Date: 04-07-2016
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes: Observed no training plan and training record for reviewing on site at time of inspection. Provide training plan with procedures and job specific title and training records on site.
Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS,

Site ID: 63025
Site Name: ROSS NAME PLATE COMPANY
Violation Date: 06-06-2019
Citation: 22 CCR 45 67450.13(a)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(2)
Violation Description: Failure to adjust Closure Costs for inflation/deflation by March 1st.
Violation Notes: Returned to compliance on 07/18/2019. OBSERVATION: An adjustment for the closure cost estimate was not completed by March 1 of each year. The Owner/Operator or Generator shall adjust the closure cost estimate for inflation by March 1 of each year. Observed closure cost estimate with annual inflation adjustment was reflected up to 2016. CORRECTIVE ACTION: Ensure that the closure cost estimate is adjusted for inflation by March 1 of each year. Provide closure cost estimate with annual inflation adjustment updated to 2019.
Violation Division: Los Angeles County Fire Department
Violation Program: CA
Violation Source: CERS,

ROSS NAME PLATE CO (Continued) **U002281046**

Site ID:	63025
Site Name:	ROSS NAME PLATE COMPANY
Violation Date:	06-06-2019
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 06/06/2019. OBSERVATION: 1 x 250 gallon of waste filter cake located in the hazardous waste storage room was observed open. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly closed. Observed operator provided cover to the waste filter cake container at time of inspection.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,

Site ID:	63025
Site Name:	ROSS NAME PLATE COMPANY
Violation Date:	06-06-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 06/06/2019. OBSERVATION: 1 x 250 gallon of waste filter cake located in the hazardous waste storage room was observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled. Observed operator provided a hazardous waste label to the filter cake container at time of inspection.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,

Site ID:	63025
Site Name:	ROSS NAME PLATE COMPANY
Violation Date:	04-07-2016
Citation:	22 CCR 15 66262.41 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66262.41
Violation Description:	Failure of a large quantity RCRA generator to complete the Biennial report (Form 8700) by March 1st on even numbered years and maintain it onsite for three years.
Violation Notes:	OBSERVATION: The 2016 Biennial report was not prepared and submitted to DTSC. A generator who ships any hazardous waste offsite to a TSDF within the United States shall prepare and submit a Biennial Report, U.S. EPA Form 8700, to the DTSC by March 1 of each even-numbered year, and shall cover generator activities during the previous calendar year. CORRECTIVE ACTION: Immediately prepare a report for the 2016 calendar year and submit it to the DTSC. Ensure that this report is done in a timely manner.

ROSS NAME PLATE CO (Continued) **U002281046**

Violation Division:	Los Angeles County Fire Department
Violation Program:	HWLQG
Violation Source:	CERS,
Site ID:	63025
Site Name:	ROSS NAME PLATE COMPANY
Violation Date:	04-07-2016
Citation:	HSC 6.5 25200.14(b)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25200.14(b)(1)
Violation Description:	Failure to submit a Phase I Checklist.
Violation Notes:	Returned to compliance on 12/06/2017. OBSERVATION: A Tiered Permitting Phase I Environmental Assessment Checklist (DTSC Form 1151) has not been submitted to the CUPA. An Owner/Operator/Generator is required to complete and file a phase I environmental assessment with the CUPA one year from the date that the facility or generator becomes authorized to operate. CORRECTIVE ACTION: Immediately submit the required Tiered Permitting Phase I Environmental Assessment Checklist to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CA
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-07-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Jose Gomez (Plant Manager)
Eval Division:	Los Angeles County Fire Department
Eval Program:	HWLQG
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	12-06-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Jose Gomez, Plant Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	CA
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	12-06-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Jose Gomez, Plant Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-07-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Jose Gomez (Plant Manager)
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,

ROSS NAME PLATE CO (Continued) **U002281046**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-06-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Jose Gomez, Plant Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-07-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Jose Gomez (Plant Manager)
Eval Division:	Los Angeles County Fire Department
Eval Program:	CA
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-06-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Jose Gomez, Plant Manager Observed no significant violation on site at time of inspection.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-06-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Jose Gomez, Plant Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	CA
Eval Source:	CERS,

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000,

Affiliation Type Desc:	Legal Owner
Entity Name:	ROSS NAME PLATE COMPANY
Entity Title:	Not reported
Affiliation Address:	2 RED PLUM CIRCLE
Affiliation City:	MONTEREY PARK
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91755
Affiliation Phone:	(323) 725-6812,

ROSS NAME PLATE CO (Continued) **U002281046**

Affiliation Type Desc:	Parent Corporation
Entity Name:	ROSS NAME PLATE COMPANY
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2 RED PLUM CIR
Affiliation City:	MONTEREY PARK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91755
Affiliation Phone:	,

Affiliation Type Desc:	Onsite Treatment Unit Owner Operator
Entity Name:	JOSE GOMEZ
Entity Title:	PLANT MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	Brett Henderson
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(323) 725-6812,

Affiliation Type Desc:	Environmental Contact
Entity Name:	JOSE GOMEZ
Entity Title:	Not reported
Affiliation Address:	2 RED PLUM CIR
Affiliation City:	MONTEREY PARK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91755
Affiliation Phone:	,

Affiliation Type Desc:	Property Owner
Entity Name:	Ross Name Plate Co.
Entity Title:	Not reported
Affiliation Address:	2 Red Plum Circle
Affiliation City:	Monterrey Park
Affiliation State:	CA
Affiliation Country:	United States

ROSS NAME PLATE CO (Continued) **U002281046**

Affiliation Zip: 91755
Affiliation Phone: (323) 725-6812,

Affiliation Type Desc: Document Preparer
Entity Name: JOSE GOMEZ
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: JOSE GOMEZ
Entity Title: PLANT MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: ROSS NAME PLATE CO
Address: 2 RED PLUM CIRCLE
City,State,Zip: MONTEREY PARK, CA 91755-7486
Site ID: 490984
CERS ID: 110002752101
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: JOSE GOMEZ
Entity Title: Not reported
Affiliation Address: 2 RED PLUM CIR
Affiliation City: MONTEREYPARK
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: ROSS NAME PLATE CO
Address: 2 RED PLUM CIRCLE
City,State,Zip: MONTEREY PARK, CA 91755
Site ID: 588163
CERS ID: 884150
CERS Description: Industrial Facility Storm Water

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Ross Name Plate Co
Entity Title: Operator
Affiliation Address: 2 Red Plum Circle
Affiliation City: Monterrey Park
Affiliation State: CA
Affiliation Country: Not reported

ROSS NAME PLATE CO (Continued) **U002281046**

Affiliation Zip: 91755
Affiliation Phone: ,

B15 **DANIEL ROSALES** **RCRA NonGen / NLR** **1026162347**
South **1980 SATURN STREET** **CAC003062333**
< 1/8 **MONTEREY PARK, CA 91755**
0.018 mi.
95 ft. **Site 5 of 10 in cluster B**

Relative: **Lower**
Actual: **355 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20200403
Handler Name:	DANIEL ROSALES	
Handler Address:		1980 SATURN STREET
Handler City,State,Zip:		MONTEREY PARK, CA 91755
EPA ID:		CAC003062333
Contact Name:		DANIEL ROSALES
Contact Address:		1980 SATURN STREET
Contact City,State,Zip:		MONTEREY PARK, CA 91755
Contact Telephone:		323-720-2092
Contact Fax:		Not reported
Contact Email:		DANIEL.ROSALES@UNIONBANK.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1980 SATURN STREET
Mailing City,State,Zip:		MONTEREY PARK, CA 91755
Owner Name:		DANIEL ROSALES
Owner Type:		Other
Operator Name:		DANIEL ROSALES
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported

DANIEL ROSALES (Continued) **1026162347**

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200408
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DANIEL ROSALES
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1980 SATURN STREET
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-2092
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DANIEL ROSALES
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1980 SATURN STREET
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755

DANIEL ROSALES (Continued) **1026162347**

Owner/Operator Telephone: 323-720-2572
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20200403
Handler Name: DANIEL ROSALES
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 237130
NAICS Description: POWER AND COMMUNICATION LINE AND RELATED STRUCTURES CONSTRUCTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

B16 **UNION BANK OPERATIONS CENTER** **SWEEPS UST** **U003776207**
South **1980 SATURN ST** **N/A**
< 1/8 **MONTEREY PARK, CA**
0.018 mi.
95 ft. **Site 6 of 10 in cluster B**

Relative: **Lower**
Actual: **355 ft.**

SWEEPS UST:
Name: UNION BANK OPERATIONS CENTER
Address: 1980 SATURN ST
City: MONTEREY PARK
Status: Active
Comp Number: 8139
Number: 9
Board Of Equalization: 44-008240
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-008139-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 1

B17 **UNION BANK** **RCRA NonGen / NLR** **1024751303**
South **1980 SATURN STREET** **CAC002971095**
< 1/8 **MONTEREY PARK, CA 91755**
0.018 mi.
95 ft. **Site 7 of 10 in cluster B**

Relative: **Lower**

Actual: **355 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20180716
Handler Name:	UNION BANK	
Handler Address:		1980 SATURN STREET
Handler City,State,Zip:		MONTEREY PARK, CA 91755
EPA ID:		CAC002971095
Contact Name:		ANTHONY YESETA
Contact Address:		1980 SATURN STREET
Contact City,State,Zip:		MONTEREY PARK, CA 91755
Contact Telephone:		323-720-2092
Contact Fax:		Not reported
Contact Email:		ANTHONY.YESETA@UNIONBANK.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1980 SATURN STREET
Mailing City,State,Zip:		MONTEREY PARK, CA 91755
Owner Name:		UNION BANK
Owner Type:		Other
Operator Name:		ANTHONY YESETA
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

UNION BANK (Continued) **1024751303**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180831
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANTHONY YESETA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1980 SATURN STREET
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-2092
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNION BANK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1980 SATURN STREET
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-2092
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

UNION BANK (Continued) **1024751303**

Historic Generators:
- Receive Date: 20180716
- Handler Name: UNION BANK
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 522110
- NAICS Description: COMMERCIAL BANKING

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

B18 **UNION BANK OPERATIONS CENTER** **UST** **U004350226**
South **1980 SATURN ST** **N/A**
< 1/8 **MONTEREY PARK, CA 91755**
0.018 mi.
95 ft. **Site 8 of 10 in cluster B**

Relative: **Lower**
Actual: **355 ft.**

UST:
- Name: UNION BANK OPERATIONS CENTER
- Address: 1980 SATURN ST
- City,State,Zip: MONTEREY PARK, CA 91755
- Facility ID: 8139
- Permitting Agency: LOS ANGELES COUNTY
- CERSID: Not reported
- Latitude: 34.039663
- Longitude: -118.11256

B19 **UNION BANK** **UST** **U004357489**
South **1980 SATURN ST** **N/A**
< 1/8 **MONTEREY PARK, CA 91755**
0.018 mi.
95 ft. **Site 9 of 10 in cluster B**

Relative: **Lower**
Actual: **355 ft.**

UST:
- Name: UNION BANK
- Address: 1980 SATURN ST
- City,State,Zip: MONTEREY PARK, CA 91755
- Facility ID: LACoFA0024092
- Permitting Agency: Los Angeles County Fire Department
- CERSID: 10263178

UNION BANK (Continued) **U004357489**

Latitude: 34.03831
Longitude: -118.11391

B20 **UNION BANK** **CERS TANKS** **S112995260**
South **1980 SATURN ST** **CERS** **N/A**
< 1/8 **MONTEREY PARK, CA 91755** **HWTS**
0.018 mi.
95 ft. **Site 10 of 10 in cluster B**

Relative:
Lower

Actual:
355 ft.

CERS TANKS:
Name: UNION BANK
Address: 1980 SATURN ST
City,State,Zip: MONTEREY PARK, CA 91755
Site ID: 404823
CERS ID: 10263178
CERS Description: Underground Storage Tank

CERS:
Name: UNION BANK
Address: 1980 SATURN ST
City,State,Zip: MONTEREY PARK, CA 91755
Site ID: 404823
CERS ID: 10263178
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 404823
Site Name: UNION BANK
Violation Date: 09-05-2018
Citation: HSC 6.7 25284(a)(3)(A)&(B) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A)&(B)
Violation Description: Failure to implement or maintain a written agreement between the UST owner and operator.
Violation Notes: Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL,ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 07-01-2015
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description: Failure to submit statement of UST compliance and/or Designated Operator certification.
Violation Notes: Returned to compliance on 07/12/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 06-04-2020
Citation: 23 CCR 16 2715(a)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(2)

UNION BANK (Continued) **S112995260**

Violation Description: Failure to submit the Underground Storage Tank Statement of Understanding and Compliance Form.
Violation Notes: Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 09-05-2018
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description: Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the UPA or special inspector.
Violation Notes: Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL,ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 07-02-2014
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 07/12/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 03-31-2017
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description: Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the CUPA or special inspector.
Violation Notes: Returned to compliance on 07/12/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 03-31-2017
Citation: HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e)
Violation Description: Failure to maintain secondary containment (e.g. failure of secondary

UNION BANK (Continued) **S112995260**

containment testing).
Violation Notes: Returned to compliance on 08/02/2017.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 06-04-2020
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 05-27-2020
Citation: 23 CCR 16 2715(a)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(2)
Violation Description: Failure to submit the Underground Storage Tank Statement of Understanding and Compliance Form.
Violation Notes: Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 06-04-2020
Citation: 23 CCR 16 2712(i), 2632(d)(2), 2634(e), 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i), 2632(d)(2), 2634(e), 2641(h)
Violation Description: Failure to submit a current UST Response Plan available on site.
Violation Notes: Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 07-02-2014
Citation: HSC 6.7 25284(a)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)
Violation Description: Failure to submit, maintain, or implement an owner/operator written agreement.
Violation Notes: Returned to compliance on 07/12/2019.
Violation Division: Los Angeles County Department of Public Works

UNION BANK (Continued) **S112995260**

Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 06-07-2021
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 06/30/2021. 2019 CTES WAS REJECTED FOR INCORRECTED GENERATOR ROOM SENSOR.FRCT IN CERS EXPIRED.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 09-05-2018
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL,ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 06-04-2020
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to have current UST Monitoring Plan available on site.
Violation Notes: Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 06-04-2020
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of

UNION BANK (Continued) **S112995260**

flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.

Violation Notes: Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 03-31-2017
Citation: 23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Description: Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test within six months of installation and every 36 months thereafter.Use a procedure that demonstrates the system works as well as at installation.Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval.Performed by a certified service technician or a licensed tank tester.
Violation Notes: Returned to compliance on 08/02/2017.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 07-01-2015
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description: The owner/operator has failed to designate an UST operator or to inform the CUPA or any change in the designated UST operator(s) within 30 days after a change.
Violation Notes: Returned to compliance on 07/12/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 05-27-2020
Citation: 23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23,

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Chapter 16, Section(s) 2715(a)(1)(B)
Violation Description: Failure to submit the Designated Underground Storage Tank Operator Identification Form within 30 days of installing a UST system or within 30 days of a change in DO.
Violation Notes: Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 06-04-2020
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 03-31-2017
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to have a UST Monitoring Plan available on site.
Violation Notes: Returned to compliance on 07/12/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 03-31-2017
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 07/12/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 09-05-2018
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description: Failure to submit the UPA. of the designated operator (DO) identification and/or change of the DO within 30 days.
Violation Notes: Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL,ADDITIONAL

UNION BANK (Continued) **S112995260**

CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 03-31-2017
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Response Plan.
Violation Notes: Returned to compliance on 07/12/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 05-27-2020
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 09-05-2018
Citation: 23 CCR 16 2712(i), 2632(d)(2), 2634(e), 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i), 2632(d)(2), 2634(e), 2641(h)
Violation Description: Failure to submit a current UST Response Plan available on site.
Violation Notes: Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL,ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 06-04-2020
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290
Violation Division: Los Angeles County Department of Public Works

UNION BANK (Continued) **S112995260**

Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 03-31-2017
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 07/12/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 07-02-2014
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description: Failure to submit statement of UST compliance and/or Designated Operator certification.
Violation Notes: Returned to compliance on 07/12/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 08-02-2017
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 07/12/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 07-02-2014
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate response plan.
Violation Notes: Returned to compliance on 07/12/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 06-04-2020
Citation: 23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)
Violation Description: Failure to submit the Designated Underground Storage Tank Operator

UNION BANK (Continued) **S112995260**

	Identification Form within 30 days of installing a UST system or within 30 days of a change in DO.
Violation Notes:	Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS,
Site ID:	404823
Site Name:	UNION BANK
Violation Date:	03-31-2017
Citation:	HSC 6.7 25284(a)(3)(A) & (B); - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A) & (B);
Violation Description:	Failure to implement or maintain a written agreement between the UST permit holder and the operator (owner/operator agreement).
Violation Notes:	Returned to compliance on 07/12/2019.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS,
Site ID:	404823
Site Name:	UNION BANK
Violation Date:	07-02-2014
Citation:	23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Description:	Failure to submit, obtain approval, or maintain a complete/accurate plot plan.
Violation Notes:	Returned to compliance on 07/12/2019.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS,
Site ID:	404823
Site Name:	UNION BANK
Violation Date:	05-27-2020
Citation:	23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description:	Failure to obtain approval from the UPA for a training program at an unstaffed facility and/or implement the approved training program.
Violation Notes:	Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS,
Site ID:	404823
Site Name:	UNION BANK
Violation Date:	08-02-2017
Citation:	HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e)
Violation Description:	Failure to maintain secondary containment (e.g. failure of secondary containment testing).
Violation Notes:	Returned to compliance on 07/12/2019.
Violation Division:	Los Angeles County Department of Public Works

UNION BANK (Continued) **S112995260**

Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 06-04-2020
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Response Plan.
Violation Notes: Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 05-27-2020
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 04-16-2014
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 02/11/2015. Complete and submit the following information through California Environmental Reporting System (CERS). 1. Business Activity Plan. 2. Business Owner's Information. 3. Chemical Inventory. 4. Site Map. 5. Emergency Response & Contingency Plan. 6. Training Plan. Observed no CERS submittal at time of inspection.
Violation Division: Los Angeles County Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 06-07-2021
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: Returned to compliance on 06/30/2021. 2019 CTES WAS REJECTED FOR INCORRECTED GENERATOR ROOM SENSOR.FRCT IN CERS EXPIRED.
Violation Division: Los Angeles County Department of Public Works

UNION BANK (Continued) **S112995260**

Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 08-02-2017
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to have a UST Monitoring Plan available on site.
Violation Notes: Returned to compliance on 07/12/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 03-31-2017
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to have a UST Response Plan available on site.
Violation Notes: Returned to compliance on 07/12/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 05-27-2020
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Description: Failure to submit or maintain a current facility plot plan.
Violation Notes: Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 03-31-2017
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 07/12/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 03-31-2017
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: Returned to compliance on 07/12/2019.

UNION BANK (Continued) **S112995260**

Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 09-05-2018
Citation: 23 CCR 16 2641(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(i)
Violation Description: Failure to properly affix tag/sticker on monitoring equipment being certified, repaired, or replaced.
Violation Notes: Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL,ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 06-04-2020
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 07-01-2015
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to maintain on site an approved monitoring plan.
Violation Notes: Returned to compliance on 07/12/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 08-02-2017
Citation: 23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)
Violation Description: Failure to submit or update a plot plan.
Violation Notes: Returned to compliance on 07/12/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK

UNION BANK (Continued) **S112995260**

Violation Date: 09-05-2018
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL,ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 05-27-2020
Citation: 23 CCR 16 2712(i), 2632(d)(2), 2634(e), 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i), 2632(d)(2), 2634(e), 2641(h)
Violation Description: Failure to submit a current UST Response Plan available on site.
Violation Notes: Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 07-02-2014
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description: Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.
Violation Notes: Returned to compliance on 07/12/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 08-02-2017
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 07/12/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 08-02-2017
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description: Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from

UNION BANK (Continued) **S112995260**

	either the CUPA or special inspector.
Violation Notes:	Returned to compliance on 07/12/2019.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS,
Site ID:	404823
Site Name:	UNION BANK
Violation Date:	07-01-2015
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 07/12/2019.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS,
Site ID:	404823
Site Name:	UNION BANK
Violation Date:	08-02-2017
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to have a UST Response Plan available on site.
Violation Notes:	Returned to compliance on 07/12/2019.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS,
Site ID:	404823
Site Name:	UNION BANK
Violation Date:	08-02-2017
Citation:	23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description:	Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes:	Returned to compliance on 07/12/2019.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS,
Site ID:	404823
Site Name:	UNION BANK
Violation Date:	08-02-2017
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Response Plan.
Violation Notes:	Returned to compliance on 07/12/2019.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS,
Site ID:	404823
Site Name:	UNION BANK
Violation Date:	06-04-2020
Citation:	23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)

UNION BANK (Continued) **S112995260**

Violation Description: Failure to implement the corrections specified in the inspection report within 30 days of receiving an inspection report from either the UPA or special inspector.
Violation Notes: Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 09-05-2018
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Response Plan.
Violation Notes: Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL,ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 05-27-2020
Citation: HSC 6.7 25284(a)(3)(A)&(B) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A)&(B)
Violation Description: Failure to implement or maintain a written agreement between the UST owner and operator.
Violation Notes: Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 03-31-2017
Citation: 23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)
Violation Description: Failure to submit or update a plot plan.
Violation Notes: Returned to compliance on 07/12/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 09-05-2018
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

UNION BANK (Continued) **S112995260**

Violation Notes: Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL,ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 09-05-2018
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Description: Failure to submit or maintain a current facility plot plan.
Violation Notes: Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL,ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 05-27-2020
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to have current UST Monitoring Plan available on site.
Violation Notes: Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 404823
Site Name: UNION BANK
Violation Date: 08-02-2017
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 07/12/2019.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NO COMPLIANCE W/ V781476 & V808812;SB989 DATED 101415 REJECTED,NO RE TEST PREFORMED;CERS CORR, SEE P DRIVE;FLAPPER O/F CONFIRMED.
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS,

UNION BANK (Continued) **S112995260**

Eval General Type:	Other/Unknown
Eval Date:	06-04-2020
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	no onsite inspection COVID ROUTINE CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290
Eval Division:	Los Angeles County Department of Public Works
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-02-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	NOVC ISSUED FOR CERS ERRORS ON TANK INFO/MONITORING PLAN AND MISSING ALL OTHER DOCUMENTS IN CERS.SB989 RETESTED 04/14/17 AND 08/02/17.
Eval Division:	Los Angeles County Department of Public Works
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-01-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	SUMPS DRY; SENS. @ LOW PT.; SENS AND V.R. TAGGED; NOVC ISSUED FOR MI SSING CURRENT OSDO,FRCT & LTMP IN SITE LOG, HMS & UPLOADING IN CERS.
Eval Division:	Los Angeles County Department of Public Works
Eval Program:	UST
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-16-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-27-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Max Mancilla, Assistant Chief Engineer
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-02-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	NOVC ISSUED FOR UPDATED OSDO,FRCT,LTMP AND UP FORMS A&B.CURRENTLY IN THE PROCESS OF SUBMITTING FORMS TO CERS.CTLS 07/02/14.SB98910/15/12
Eval Division:	Los Angeles County Department of Public Works
Eval Program:	UST

UNION BANK (Continued) **S112995260**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-05-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: A890916 VR420 FUNCTIONAL;A896446 DSL SPBK REPLACED,RETESTED;CERS SUB FROM 042718 PARTIAL CORRECTIONS MADE,NEW ERRORS NOVC ISSUED.
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-11-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Anthony Yeseta (Chief Engineer)
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-27-2020
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: NOVC ISSUED FOR CERS CORRECTIONS.MUST UPLOAD MISSING DOCUMENTS TO CERS AND MAKE CORRECTIONS TO MONITORING PLAN.
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-07-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NOVC ISSUED FOR REJECTED 2019 CTES.FRCT IN CERS NEEDS TO BE UPDATED. CTES 06/07/2021.OVFL 06/07/2021.NO ALARMS SINCE LAST TEST.
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS,

Coordinates:
Site ID: 404823
Facility Name: UNION BANK
Env Int Type Code: HMBP
Program ID: 10263178
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 34.038310
Longitude: -118.113910

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1980 SATURN ST.

UNION BANK (Continued) **S112995260**

Affiliation City: MONTEREY PARK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91755
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Greg Baker
Entity Title: Not reported
Affiliation Address: 1980 SATURN STREET
Affiliation City: MONTEREY PARK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91755
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: ANTHONY YESETA
Entity Title: CHIEF ENGINEER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: ANTHONY YESETA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (323) 720-2090,

Affiliation Type Desc: Property Owner
Entity Name: Union Bank
Entity Title: Not reported
Affiliation Address: 400 California St
Affiliation City: San Francisco
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94104
Affiliation Phone: (213) 320-2572,

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000,

Affiliation Type Desc: Document Preparer

UNION BANK (Continued) **S112995260**

Entity Name:	Anthony Yeseta
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	UNION BANK
Entity Title:	Not reported
Affiliation Address:	1980 SATURN ST
Affiliation City:	MONTEREY PARK
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91754
Affiliation Phone:	(323) 720-2100,
Affiliation Type Desc:	Parent Corporation
Entity Name:	UNION BANK
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Anthony Yeseta
Entity Title:	Chief engineer
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(323) 720-2092,
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Union Bank
Entity Title:	Not reported
Affiliation Address:	1980 Saturn St.
Affiliation City:	Monterey Park
Affiliation State:	Ca
Affiliation Country:	United States
Affiliation Zip:	91755
Affiliation Phone:	(323) 720-2090,
Affiliation Type Desc:	UST Tank Operator
Entity Name:	UNION BANK
Entity Title:	Not reported
Affiliation Address:	1980 Saturn St.
Affiliation City:	Monterey Park
Affiliation State:	Ca
Affiliation Country:	United States
Affiliation Zip:	91755-7443

UNION BANK (Continued) **S112995260**

Affiliation Phone: (323) 720-2092,

Affiliation Type Desc: UST Tank Owner
Entity Name: UNION BANK
Entity Title: Not reported
Affiliation Address: 1980 Saturn St.
Affiliation City: Monterey Park
Affiliation State: Ca
Affiliation Country: United States
Affiliation Zip: 91755
Affiliation Phone: (323) 720-2090,

HWTS:
Name: DANIEL ROSALES
Address: 1980 SATURN STREET
Address 2: Not reported
City,State,Zip: MONTEREY PARK, CA 91755
EPA ID: CAC003062333
Inactive Date: 07/03/2020
Create Date: 04/03/2020
Last Act Date: 07/04/2020
Mailing Name: Not reported
Mailing Address: 1980 SATURN STREET
Mailing Address 2: Not reported
Mailing City,State,Zip: MONTEREY PARK, CA 91755
Owner Name: DANIEL ROSALES
Owner Address: 1980 SATURN STREET
Owner Address 2: Not reported
Owner City,State,Zip: MONTEREY PARK, CA 91755
Contact Name: DANIEL ROSALES
Contact Address: 1980 SATURN STREET
Contact Address 2: Not reported
City,State,Zip: MONTEREY PARK, CA 91755

NAICS:
EPA ID: CAC003062333
Create Date: 2020-04-03 11:38:05.287
NAICS Code: 237130
NAICS Description: Power and Communication Line and Related Structures Construction
Issued EPA ID Date: 2020-04-03 11:38:05.30000
Inactive Date: 2020-07-03 11:38:05.28700
Facility Name: DANIEL ROSALES
Facility Address: 1980 SATURN STREET
Facility Address 2: Not reported
Facility City: MONTEREY PARK
Facility County: Not reported
Facility State: CA
Facility Zip: 91755

EPA ID: CAC003062333
Create Date: 2020-04-03 11:38:05.287
NAICS Code: 237130
NAICS Description: Power and Communication Line and Related Structures Construction
Issued EPA ID Date: 2020-04-03 11:38:05.30000
Inactive Date: 2020-07-03 11:38:05.28700
Facility Name: DANIEL ROSALES

UNION BANK (Continued) **S112995260**

Facility Address:	1980 SATURN STREET
Facility Address 2:	Not reported
Facility City:	MONTEREY PARK
Facility County:	Not reported
Facility State:	CA
Facility Zip:	91755

C21 **JOSEPH DELGADILLO** **RCRA NonGen / NLR** **1025829228**
West **2004 CLOVER DR** **CAC003008782**
< 1/8 **MONTEREY PARK, CA 91755**
0.019 mi.
98 ft. **Site 1 of 2 in cluster C**

Relative: RCRA NonGen / NLR:
Lower

Date Form Received by Agency:		20190404
Actual: Handler Name:	JOSEPH DELGADILLO	
355 ft. Handler Address:		2004 CLOVER DR
Handler City,State,Zip:		MONTEREY PARK, CA 91755
EPA ID:		CAC003008782
Contact Name:		JOSEPH DELGADILLO
Contact Address:		2004 CLOVER DR
Contact City,State,Zip:		MONTEREY PARK, CA 91755
Contact Telephone:		626-400-7843
Contact Fax:		Not reported
Contact Email:		ADMIN@VIKINGENVIRO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		2004 CLOVER DR
Mailing City,State,Zip:		MONTEREY PARK, CA 91755
Owner Name:		JOSEPH DELGADILLO
Owner Type:		Other
Operator Name:		JOSEPH DELGADILLO
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported

JOSEPH DELGADILLO (Continued) **1025829228**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190626
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOSEPH DELGADILLO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2004 CLOVER DR
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-400-7843
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOSEPH DELGADILLO
Legal Status:	Other

JOSEPH DELGADILLO (Continued) **1025829228**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2004 CLOVER DR
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-400-7843
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190404
Handler Name: JOSEPH DELGADILLO	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

D22 **UNION BANK** **AST** **A100425572**
SW **2001 SATURN ST** **N/A**
< 1/8 **MONTEREY PARK, CA 91755**
0.035 mi.
183 ft. **Site 1 of 4 in cluster D**

Relative: **Lower**

Actual: **336 ft.**

AST:

Name:	UNION BANK
Address:	2001 SATURN ST
City/Zip:	MONTEREY PARK,91755
Certified Unified Program Agencies:	Not reported
Owner:	UNION BANK
Total Gallons:	Not reported
CERSID:	10267867
Facility ID:	LACoFA0040835
Business Name:	UNION BANK
Phone:	(323) 720-2090
Fax:	Not reported
Mailing Address:	2001 SATURN ST
Mailing Address City:	MONTEREY PARK
Mailing Address State:	CA
Mailing Address Zip Code:	91755

UNION BANK (Continued) **A100425572**

Operator Name:	AUBREY RAY/RUSSELL RASMUSSEN
Operator Phone:	(323) 278-6149
Owner Phone:	(323) 720-2090
Owner Mail Address:	CBRE UNIONI BANK PO BOX 2067
Owner State:	MI
Owner Zip Code:	48090
Owner Country:	United States
Property Owner Name:	Union Bank
Property Owner Phone:	Not Specified
Property Owner Mailing Address:	2001 Saturn St M/C 30A
Property Owner City:	Monterey Park
Property Owner Stat :	CA
Property Owner Zip Code:	91755
Property Owner Country:	United States
EPAID:	Not reported

D23 **UNION BANK** **CERS TANKS** **S123534602**
SW **2001 SATURN ST** **CERS** **N/A**
< 1/8 **MONTEREY PARK, CA 91755**
0.035 mi.
183 ft. **Site 2 of 4 in cluster D**

Relative:
Lower

Actual:
336 ft.

CERS TANKS:

Name:	UNION BANK
Address:	2001 SATURN ST
City,State,Zip:	MONTEREY PARK, CA 91755
Site ID:	78726
CERS ID:	10267867
CERS Description:	Aboveground Petroleum Storage

CERS:

Name:	UNION BANK
Address:	2001 SATURN ST
City,State,Zip:	MONTEREY PARK, CA 91755
Site ID:	78726
CERS ID:	10267867
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	78726
Site Name:	UNION BANK
Violation Date:	02-06-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 02/06/2017. OBSERVATION: The facility has not annually reviewed and certified that the business plan is complete, accurate, and up-to-date. Observed the reporting of business plan was on 11/17/2016. CORRECTIVE ACTION: Review, revise, and certify the business plan electronically in the California Environmental Reporting System (CERS). Observed operator has completed the business plan update and reporting on site at time of inspection.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,

UNION BANK (Continued) **S123534602**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-24-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Greg Baker - manager Greg.Baker@unionbank.com
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-01-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-01-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	INSPECTED BY A. NG CONSENT GIVEN BY RUSSELL RASMUSSEN
Eval Division:	Los Angeles County Fire Department
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-01-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	INSPECTED BY A. NG CONSENT GIVEN BY RUSSELL RASMUSSEN
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-24-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Greg Baker - manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-06-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Russell Rasmussen (Operating Chief Engineer) Assisted operator to complete CERS reporting on site.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown

UNION BANK (Continued) **S123534602**

Eval Date: 04-07-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-01-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-06-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Russell Rasmussen (Operating Chief Engineer) Observed no significant violation on site at time of inspection.
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS,

Coordinates:
Site ID: 78726
Facility Name: UNION BANK
Env Int Type Code: APSA
Program ID: 10267867
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 34.039390
Longitude: -118.116620

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4000,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2001 SATURN ST
Affiliation City: MONTEREY PARK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91755

UNION BANK (Continued) **S123534602**

Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Greg Baker
Entity Title: Facilities Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: UNION BANK
Entity Title: Not reported
Affiliation Address: CBRE UNIONI BANK PO BOX 2067
Affiliation City: WARREN
Affiliation State: MI
Affiliation Country: United States
Affiliation Zip: 48090
Affiliation Phone: (323) 720-2090,

Affiliation Type Desc: Operator
Entity Name: Greg Baker/Russell Rasmussen
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (323) 278-6149,

Affiliation Type Desc: Document Preparer
Entity Name: Russell Rasmussen
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: UNION BANK
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: RUSSELL RASMUSSEN
Entity Title: Not reported
Affiliation Address: 2001 SATURN STREET
Affiliation City: MONTEREY PARK

UNION BANK (Continued) **S123534602**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91755
Affiliation Phone:	,

E24 **NICOLE HUI** **RCRA NonGen / NLR** **1025842026**
NNE **698 TAYLOR DRIVE** **CAC003021631**
< 1/8 **MONTEREY PARK, CA 91755**
0.040 mi.
212 ft. **Site 1 of 3 in cluster E**

Relative: **Higher**
Actual: **427 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20190626
Handler Name:	NICOLE HUI	
Handler Address:		698 TAYLOR DRIVE
Handler City,State,Zip:		MONTEREY PARK, CA 91755
EPA ID:		CAC003021631
Contact Name:		NICOLE HUI
Contact Address:		698 TAYLOR DRIVE
Contact City,State,Zip:		MONTEREY PARK, CA 91755
Contact Telephone:		626-354-9326
Contact Fax:		Not reported
Contact Email:		MANIFEST.SIRRIS@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		698 TAYLOR DRIVE
Mailing City,State,Zip:		MONTEREY PARK, CA 91755
Owner Name:		NICOLE HUI
Owner Type:		Other
Operator Name:		NICOLE HUI
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported

NICOLE HUI (Continued) **1025842026**

Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190729
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NICOLE HUI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	698 TAYLOR DRIVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-354-9326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICOLE HUI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

NICOLE HUI (Continued) **1025842026**

Owner/Operator Address: 698 TAYLOR DRIVE
Owner/Operator City,State,Zip: MONTEREY PARK, CA 91755
Owner/Operator Telephone: 626-354-9326
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20190626
Handler Name: NICOLE HUI
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F25 **LAI MOY & CORY NAKAUCHI** **RCRA NonGen / NLR** **1026048366**
North **598 TAYLOR DR** **CAC003054997**
< 1/8 **MONTEREY PARK, CA 91755**
0.043 mi.
228 ft. **Site 1 of 2 in cluster F**

Relative:
Higher

Actual:
455 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20200207
Handler Name: LAI MOY & CORY NAKAUCHI
Handler Address: 598 TAYLOR DR
Handler City,State,Zip: MONTEREY PARK, CA 91755
EPA ID: CAC003054997
Contact Name: LAI MOY & CORY NAKAUCHI
Contact Address: 598 TAYLOR DR
Contact City,State,Zip: MONTEREY PARK, CA 91755
Contact Telephone: 954-298-4300
Contact Fax: Not reported
Contact Email: SENSITIVEENVIRONMENT@GMAIL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported

LAI MOY & CORY NAKAUCHI (Continued) **1026048366**

Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	598 TAYLOR DR
Mailing City,State,Zip:	MONTEREY PARK, CA 91755
Owner Name:	LAI MOY & CORY NAKAUCHI
Owner Type:	Other
Operator Name:	LAI MOY & CORY NAKAUCHI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported

LAI MOY & CORY NAKAUCHI (Continued) **1026048366**

Handler Date of Last Change:	20200210
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LAI MOY & CORY NAKAUCHI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	598 TAYLOR DR
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	954-298-4300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LAI MOY & CORY NAKAUCHI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	598 TAYLOR DR
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	954-298-4300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200207
Handler Name: LAI MOY & CORY NAKAUCHI	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

LAI MOY & CORY NAKAUCHI (Continued) **1026048366**

Evaluation Action Summary:
Evaluations: No Evaluations Found

C26 **NADJA CALDERON** **RCRA NonGen / NLR** **1026820689**
West **2007 CLOVER DR** **CAC003133573**
< 1/8 **MONTEREY PARK, CA 91755**
0.045 mi.
237 ft. **Site 2 of 2 in cluster C**

Relative: RCRA NonGen / NLR:
Lower

Actual:
347 ft.

Date Form Received by Agency:		20210810
Handler Name:	NADJA CALDERON	
Handler Address:		2007 CLOVER DR
Handler City,State,Zip:		MONTEREY PARK, CA 91755
EPA ID:		CAC003133573
Contact Name:		NADJA CALDERON
Contact Address:		2007 CLOVER DR
Contact City,State,Zip:		MONTEREY PARK, CA 91755
Contact Telephone:		323-888-2772
Contact Fax:		Not reported
Contact Email:		EPA4HAZ@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		2007 CLOVER DR
Mailing City,State,Zip:		MONTEREY PARK, CA 91755
Owner Name:		NADJA CALDERON
Owner Type:		Other
Operator Name:		NADJA CALDERON
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N

NADJA CALDERON (Continued) **1026820689**

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210811
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NADJA CALDERON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2007 CLOVER DR
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-888-2772
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NADJA CALDERON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2007 CLOVER DR

NADJA CALDERON (Continued) **1026820689**

Owner/Operator City,State,Zip: MONTEREY PARK, CA 91755
Owner/Operator Telephone: 323-888-2772
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210810
Handler Name: NADJA CALDERON
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E27 **JACK MIYAGAWA** **RCRA NonGen / NLR** **1024757694**
NNE **651 TAYLOR DRIVE** **CAC002977534**
< 1/8 **MONTEREY PARK, CA 91755**
0.065 mi.
343 ft. **Site 2 of 3 in cluster E**

Relative:
Higher

Actual:
445 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20180824
Handler Name: JACK MIYAGAWA
Handler Address: 651 TAYLOR DRIVE
Handler City,State,Zip: MONTEREY PARK, CA 91755
EPA ID: CAC002977534
Contact Name: JACK MIYAGAWA
Contact Address: 651 TAYLOR DRIVE
Contact City,State,Zip: MONTEREY PARK, CA 91755
Contact Telephone: 626-975-8320
Contact Fax: Not reported
Contact Email: RUTHSAMANO@ALLIANCE-ENVIRO.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported

JACK MIYAGAWA (Continued) **1024757694**

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	651 TAYLOR DRIVE
Mailing City,State,Zip:	MONTEREY PARK, CA 91755
Owner Name:	JACK MIYAGAWA
Owner Type:	Other
Operator Name:	JACK MIYAGAWA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905

JACK MIYAGAWA (Continued) **1024757694**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JACK MIYAGAWA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	651 TAYLOR DRIVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-975-8320
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JACK MIYAGAWA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	651 TAYLOR DRIVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-975-8340
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180824
Handler Name: JACK MIYAGAWA	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

JACK MIYAGAWA (Continued) **1024757694**

Evaluation Action Summary:
Evaluations: No Evaluations Found

E28 **JACK MIYAGAWA** **RCRA NonGen / NLR** **1024758822**
NNE **651 TAYLOR DR** **CAC002978669**
< 1/8 **MONTEREY PARK, CA 91755**
0.065 mi.
343 ft. **Site 3 of 3 in cluster E**

Relative:
Higher

Actual:
445 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20180904
Handler Name:	JACK MIYAGAWA
Handler Address:	651 TAYLOR DR
Handler City,State,Zip:	MONTEREY PARK, CA 91755-6743
EPA ID:	CAC002978669
Contact Name:	JACK MIYAGAWA
Contact Address:	651 TAYLOR DR
Contact City,State,Zip:	MONTEREY PARK, CA 91755-6743
Contact Telephone:	626-975-8340
Contact Fax:	Not reported
Contact Email:	GENEVADEGUIRE@ALLIANCE-ENVIRO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	651 TAYLOR DR
Mailing City,State,Zip:	MONTEREY PARK, CA 91755-6743
Owner Name:	JACK MIYAGAWA
Owner Type:	Other
Operator Name:	JACK MIYAGAWA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N

JACK MIYAGAWA (Continued) **1024758822**

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JACK MIYAGAWA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	651 TAYLOR DR
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755-6743
Owner/Operator Telephone:	626-975-8340
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JACK MIYAGAWA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	651 TAYLOR DR

JACK MIYAGAWA (Continued) **1024758822**

Owner/Operator City,State,Zip: MONTEREY PARK, CA 91755-6743
Owner/Operator Telephone: 626-975-8340
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20180904
Handler Name: JACK MIYAGAWA
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F29 **DAVE JONES** **RCRA NonGen / NLR** **1024777512**
North **599 TAYLOR DRIVE** **CAC002997454**
< 1/8 **MONTEREY PARK, CA 91755**
0.067 mi.
354 ft. **Site 2 of 2 in cluster F**

Relative: **Higher**
Actual: **457 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20190121
Handler Name: DAVE JONES
Handler Address: 599 TAYLOR DRIVE
Handler City,State,Zip: MONTEREY PARK, CA 91755
EPA ID: CAC002997454
Contact Name: DAVE JONES
Contact Address: 599 TAYLOR DRIVE
Contact City,State,Zip: MONTEREY PARK, CA 91755
Contact Telephone: 626-235-9536
Contact Fax: Not reported
Contact Email: MANIFEST.SIRRIS@GMAIL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported

DAVE JONES (Continued) **1024777512**

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	599 TAYLOR DRIVE
Mailing City,State,Zip:	MONTEREY PARK, CA 91755
Owner Name:	DAVE JONES
Owner Type:	Other
Operator Name:	DAVE JONES
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190222

DAVE JONES (Continued) **1024777512**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DAVE JONES
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	599 TAYLOR DRIVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-235-9536
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVE JONES
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	599 TAYLOR DRIVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-235-9536
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190121
Handler Name: DAVE JONES	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

DAVE JONES (Continued) **1024777512**

Evaluation Action Summary:
Evaluations: No Evaluations Found

G30 **BATES SHELL SERVICE** **EDR Hist Auto** **1020485161**
NE **745 E TAYLOR DR** **N/A**
< 1/8 **MONTEREY PARK, CA 91754**
0.077 mi.
406 ft. **Site 1 of 2 in cluster G**

Relative: EDR Hist Auto
Higher

Actual: Year: Name: Type:
447 ft.
1989 BATES SHELL SERVICE Gasoline Service Stations, NEC
1990 BATES SHELL SERVICE Gasoline Service Stations, NEC
1991 BATES SHELL SERVICE Gasoline Service Stations, NEC
1992 BATES SHELL SERVICE Gasoline Service Stations, NEC
1993 BATES SHELL SERVICE Gasoline Service Stations, NEC

D31 **ALPHA PHOTONICS** **RCRA-SQG** **1004676637**
SW **2019 SATURN ST** **FINDS** **CAR000087692**
< 1/8 **MONTEREY PARK, CA 91754** **ECHO**
0.082 mi.
432 ft. **Site 3 of 4 in cluster D**

Relative: RCRA-SQG:
Lower

Actual:
322 ft.

Date Form Received by Agency:		20001107
Handler Name:	ALPHA PHOTONICS	
Handler Address:		2019 SATURN ST
Handler City,State,Zip:		MONTEREY PARK, CA 91754
EPA ID:		CAR000087692
Contact Name:		DONALD HUDGIES
Contact Address:		2019 SATURN ST
Contact City,State,Zip:		MONTEREY PARK, CA 91754
Contact Telephone:		626-350-4886
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		2019 SATURN ST
Mailing City,State,Zip:		MONTEREY PARK, CA 91754
Owner Name:		AMERICAN XTAL TECHNOLOGY INC
Owner Type:		Private
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No

ALPHA PHOTONICS (Continued) **1004676637**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20060905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

ALPHA PHOTONICS (Continued) **1004676637**

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: AMERICAN XTAL TECHNOLOGY INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4281 TECHNOLOGY DR
Owner/Operator City,State,Zip: FREMONT, CA 94538
Owner/Operator Telephone: 510-683-5900
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: AMERICAN XTAL TECHNOLOGY INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4281 TECHNOLOGY DR
Owner/Operator City,State,Zip: FREMONT, CA 94538
Owner/Operator Telephone: 510-683-5900
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

ALPHA PHOTONICS (Continued) **1004676637**

Historic Generators:

Receive Date:		20001107
Handler Name:	ALPHA PHOTONICS	
Federal Waste Generator Description:		Small Quantity Generator
State District Owner:		Not reported
Large Quantity Handler of Universal Waste:		No
Recognized Trader Importer:		No
Recognized Trader Exporter:		No
Spent Lead Acid Battery Importer:		No
Spent Lead Acid Battery Exporter:		No
Current Record:		Yes
Non Storage Recycler Activity:		Not reported
Electronic Manifest Broker:		Not reported

Receive Date:		20001107
Handler Name:	ALPHA PHOTONICS	
Federal Waste Generator Description:		Large Quantity Generator
State District Owner:		Not reported
Large Quantity Handler of Universal Waste:		No
Recognized Trader Importer:		No
Recognized Trader Exporter:		No
Spent Lead Acid Battery Importer:		No
Spent Lead Acid Battery Exporter:		No
Current Record:		No
Non Storage Recycler Activity:		Not reported
Electronic Manifest Broker:		Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110012204168

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1004676637
Registry ID: 110012204168

ALPHA PHOTONICS (Continued) **1004676637**

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110012204168
Name: ALPHA PHOTONICS
Address: 2019 SATURN ST
City,State,Zip: MONTEREY PARK, CA 91755

D32 **ALPHA PHOTONICS, INC.** **ENVIROSTOR** **S102229306**
SW **2019 SATURN STREET** **LOS ANGELES CO. HMS** **N/A**
< 1/8 **MONTEREY PARK, CA 91754** **LA Co. Site Mitigation**
0.082 mi.
432 ft. **Site 4 of 4 in cluster D**

Relative: **Lower**
Actual: **322 ft.**

ENVIROSTOR:
Name: ALPHA PHOTONICS, INC.
Address: 2019 SATURN STREET
City,State,Zip: MONTEREY PARK, CA 91754
Facility ID: 71003355
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: 49
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.03887
Longitude: -118.1172
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000144747
Alias Type: EPA Identification Number
Alias Name: 110012204168
Alias Type: EPA (FRS #)
Alias Name: 71003355
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

ALPHA PHOTONICS, INC. (Continued) **S102229306**

Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LOS ANGELES CO. HMS:
Name: ALPHA PHOTONICS INC
Address: 2019 SATURN ST
City,State,Zip: MONTEREY PARK, CA 917557496
Region: LA
Permit Category: I
Facility Id: 17339-023495
Facility Type: 01
Facility Status: Closed
Area: 3M
Permit Number: 000014261
Permit Status: Closed

Name: ALPHA PHOTONICS INC
Address: 2019 SATURN ST
City,State,Zip: MONTEREY PARK, CA 917557496
Region: LA
Permit Category: I
Facility Id: 17339-023495
Facility Type: 01
Facility Status: Closed
Area: 3M
Permit Number: 000332526
Permit Status: Closed

LA Co. Site Mitigation:
Name: ALPHA PHOTONICS/LYLE OPTPELECTRONICS
Address: 2019 SATURN ST
City,State,Zip: MONTEREY PARK, CA 91754
Facility ID: Not reported
Status: Not reported
Site ID: SD0000386
Jurisdiction: State
Case ID: RO0001387
Abated: Yes
Assigned To: Not reported
Entered Date: 10/06/2011
Abated Date: Not reported

G33 **RANDALL NAKASHIMA** **RCRA NonGen / NLR** **1026799470**
NE **763 TAYLOR DR** **CAC003111304**
< 1/8 **MONTEREY PARK, CA 91755**
0.087 mi.
461 ft. **Site 2 of 2 in cluster G**

Relative: **Higher**
Actual: **456 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20210323
Handler Name: RANDALL NAKASHIMA
Handler Address: 763 TAYLOR DR
Handler City,State,Zip: MONTEREY PARK, CA 91755

RANDALL NAKASHIMA (Continued) **1026799470**

EPA ID:	CAC003111304
Contact Name:	RANDALL NAKASHIMA
Contact Address:	763 TAYLOR DR
Contact City,State,Zip:	MONTEREY PARK, CA 91755
Contact Telephone:	626-295-8206
Contact Fax:	Not reported
Contact Email:	TNAKASHIMA86@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	763 TAYLOR DR
Mailing City,State,Zip:	MONTEREY PARK, CA 91755
Owner Name:	RANDALL NAKASHIMA
Owner Type:	Other
Operator Name:	RANDALL NAKASHIMA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

RANDALL NAKASHIMA (Continued) **1026799470**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210326
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RANDALL NAKASHIMA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	763 TAYLOR DR
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-295-8206
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RANDALL NAKASHIMA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	763 TAYLOR DR
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-295-8206
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210323
Handler Name: RANDALL NAKASHIMA	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

RANDALL NAKASHIMA (Continued) **1026799470**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H34 **ROSS NAMEPLATE CO.** **ENVIROSTOR** **S110494250**
WSW **RED PLUM CIRCLE, #2** **N/A**
< 1/8 **MONTEREY PARK, CA 91765**
0.110 mi.
583 ft. **Site 1 of 2 in cluster H**

Relative: **Lower**
Actual: **323 ft.**

ENVIROSTOR:
Name: ROSS NAMEPLATE CO.
Address: RED PLUM CIRCLE, #2
City,State,Zip: MONTEREY PARK, CA 91765
Facility ID: 71002913
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.03865
Longitude: -118.1176
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD981685373
Alias Type: EPA Identification Number
Alias Name: 71002913

ROSS NAMEPLATE CO. (Continued) **S110494250**

Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

I35 **DONALD AND JOAN KARY** **RCRA NonGen / NLR** **1024774412**
North **599 HARRISON ROAD** **CAC002994334**
< 1/8 **MONTEREY PARK, CA 91755**
0.112 mi.
594 ft. **Site 1 of 2 in cluster I**

Relative: **Higher**
Actual: **458 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20181226
Handler Name: DONALD AND JOAN KARY
Handler Address: 599 HARRISON ROAD
Handler City,State,Zip: MONTEREY PARK, CA 91755
EPA ID: CAC002994334
Contact Name: DONALD AND JOAN KARY
Contact Address: 599 HARRISON ROAD
Contact City,State,Zip: MONTEREY PARK, CA 91755
Contact Telephone: 626-251-7915
Contact Fax: Not reported
Contact Email: JBENNER@BURNS-ENVIRO.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 599 HARRISON ROAD
Mailing City,State,Zip: MONTEREY PARK, CA 91755
Owner Name: DONALD AND JOAN KARY
Owner Type: Other
Operator Name: DONALD AND JOAN KARY
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No

DONALD AND JOAN KARY (Continued) **1024774412**

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190222
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DONALD AND JOAN KARY
Legal Status:	Other
Date Became Current:	Not reported

DONALD AND JOAN KARY (Continued) **1024774412**

Date Ended Current:	Not reported
Owner/Operator Address:	599 HARRISON ROAD
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-251-7915
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DONALD AND JOAN KARY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	599 HARRISON ROAD
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-251-7915
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20181226
Handler Name: DONALD AND JOAN KARY	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

36
WNW
< 1/8
0.117 mi.
618 ft.

ERLINDA SOSNOSKI **RCRA NonGen / NLR** **1025856349**
1981 FULTON AVE **CAC003036667**
MONTEREY PARK, CA 91755

Relative:
Lower

Actual:
338 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		20191002
Handler Name:	ERLINDA SOSNOSKI	
Handler Address:		1981 FULTON AVE
Handler City,State,Zip:		MONTEREY PARK, CA 91755-6749

ERLINDA SOSNOSKI (Continued) **1025856349**

EPA ID:	CAC003036667
Contact Name:	ERLINDA SOSNOSKI
Contact Address:	1981 FULTON AVE
Contact City,State,Zip:	MONTEREY PARK, CA 91755-6749
Contact Telephone:	213-507-6481
Contact Fax:	Not reported
Contact Email:	SOSNOSKIERLINDA1@AOL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1981 FULTON AVE
Mailing City,State,Zip:	MONTEREY PARK, CA 91755-6749
Owner Name:	ERLINDA SOSNOSKI
Owner Type:	Other
Operator Name:	ERLINDA SOSNOSKI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

ERLINDA SOSNOSKI (Continued) **1025856349**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20191004
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ERLINDA SOSNOSKI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1981 FULTON AVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755-6749
Owner/Operator Telephone:	213-507-6481
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ERLINDA SOSNOSKI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1981 FULTON AVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755-6749
Owner/Operator Telephone:	213-507-6481
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20191002
Handler Name: ERLINDA SOSNOSKI	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

ERLINDA SOSNOSKI (Continued) **1025856349**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H37 **TMC POWER EQUIPMENT, INC.** **RCRA NonGen / NLR** **1024875444**
SW **2051 SATURN STREET** **CAL912605187**
< 1/8 **MONTEREY PARK, CA 91754**
0.125 mi.
660 ft. **Site 2 of 2 in cluster H**

Relative: RCRA NonGen / NLR:
Lower
Actual: Date Form Received by Agency: 20180628
326 ft. Handler Name: TMC POWER EQUIPMENT, INC.
Handler Address: 2051 SATURN STREET
Handler City,State,Zip: MONTEREY PARK, CA 91754
EPA ID: CAL912605187
Contact Name: LARRY MURONAKA
Contact Address: SATURN STREET
Contact City,State,Zip: MONTEREY PARK, CA 91755
Contact Telephone: 323-728-7266
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: SATURN STREET
Mailing City,State,Zip: MONTEREY PARK, CA 91755
Owner Name: KAZUO KANEMITSU
Owner Type: Private
Operator Name: LARRY MURONAKA
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No

TMC POWER EQUIPMENT, INC. (Continued) **1024875444**

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180629
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LARRY MURONAKA
Legal Status:	Private
Date Became Current:	Not reported

TMC POWER EQUIPMENT, INC. (Continued) **1024875444**

Date Ended Current:	Not reported
Owner/Operator Address:	2051 SATURN STREET
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-728-7266
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	323-728-5304
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEAN KANEMITSU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2051 SATURN STREET
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-728-7266
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	323-728-5304
Owner/Operator Email:	DEAN@TMCPOWER.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KAZUO KANEMITSU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2051 SATURN STREET
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FUMIKO KANEMITSU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2051 SATURN STREET
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180628
Handler Name:	TMC POWER EQUIPMENT, INC.
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

TMC POWER EQUIPMENT, INC. (Continued) **1024875444**

List of NAICS Codes and Descriptions:
NAICS Code: 44421
NAICS Description: OUTDOOR POWER EQUIPMENT STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I38 **ANGEL SANCHEZ** **RCRA NonGen / NLR** **1024752692**
North **624 ACKLEY STREET** **CAC002972501**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.132 mi.
698 ft. **Site 2 of 2 in cluster I**

Relative: **Higher**
Actual: **455 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20180724
Handler Name:	ANGEL SANCHEZ	
Handler Address:		624 ACKLEY STREET
Handler City,State,Zip:		MONTEREY PARK, CA 91755
EPA ID:		CAC002972501
Contact Name:		ANGEL SANCHEZ
Contact Address:		624 ACKLEY STREET
Contact City,State,Zip:		MONTEREY PARK, CA 91755
Contact Telephone:		626-232-3208
Contact Fax:		Not reported
Contact Email:		LUPE@FRESHAIRENVIRONMENTAL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		624 ACKLEY STREET
Mailing City,State,Zip:		MONTEREY PARK, CA 91755
Owner Name:		ANGEL SANCHEZ
Owner Type:		Other
Operator Name:		ANGEL SANCHEZ
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes

ANGEL SANCHEZ (Continued) **1024752692**

Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180831
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANGEL SANCHEZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 ACKLEY STREET
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-232-3208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

ANGEL SANCHEZ (Continued) **1024752692**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ANGEL SANCHEZ
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 624 ACKLEY STREET
Owner/Operator City,State,Zip: MONTEREY PARK, CA 91755
Owner/Operator Telephone: 626-232-3208
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20180724
Handler Name: ANGEL SANCHEZ
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J39 **OPERATING INDUSTRIES, INC. LANDFILL** **ENVIROSTOR** **S100460541**
ESE **900 POTRERO GRANDE** **SWF/LF** **N/A**
1/8-1/4 **MONTEREY PARK, CA 91755** **HIST UST**
0.137 mi. **DEED**
723 ft. **Site 1 of 16 in cluster J** **LDS**
Cortese
Relative: Lower **ENF**
HIST CORTESE
Actual: 352 ft. **HWP**
CIWQS
CERS

ENVIROSTOR:
Name: OPERATING INDUSTRIES, INC. LANDFILL
Address: 900 POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91755
Facility ID: 19490207

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

Status:	Certified / Operation & Maintenance
Status Date:	08/02/2012
Site Code:	300604
Site Type:	Federal Superfund
Site Type Detailed:	State Response or NPL
Acres:	190
NPL:	YES
Regulatory Agencies:	SMBRP, US EPA
Lead Agency:	US EPA
Program Manager:	Laura Radke
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Assembly:	49
Senate:	22
Special Program:	EPA - Multi-Site Cooperative Agreement
Restricted Use:	YES
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	34.03649
Longitude:	-118.1040
APN:	5275002002, 5275002808, 5275002809, 5275003002, 5275003016, 5275003800, 5293022001, 5293022005, 5293022006
Past Use:	LANDFILL - CONSTRUCTION, LANDFILL - DOMESTIC, LANDFILL - HAZARDOUS WASTE
Potential COC:	Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride
Confirmed COC:	Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride
Potential Description:	OTH, SOIL, SV, IA
Alias Name:	OII
Alias Type:	Alternate Name
Alias Name:	OPERATING INDUSTRIES, INC.
Alias Type:	Alternate Name
Alias Name:	5275002002
Alias Type:	APN
Alias Name:	5275002808
Alias Type:	APN
Alias Name:	5275002809
Alias Type:	APN
Alias Name:	5275003002
Alias Type:	APN
Alias Name:	5275003016
Alias Type:	APN
Alias Name:	5275003800
Alias Type:	APN
Alias Name:	5293022001
Alias Type:	APN
Alias Name:	5293022005
Alias Type:	APN
Alias Name:	5293022006
Alias Type:	APN
Alias Name:	CAT080012024
Alias Type:	EPA Identification Number
Alias Name:	110033606355
Alias Type:	EPA (FRS #)
Alias Name:	300604
Alias Type:	Site Code - Historical

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

Alias Name: P31028
Alias Type: PCode
Alias Name: 300110
Alias Type: Project Code (Site Code)
Alias Name: 300284
Alias Type: Project Code (Site Code)
Alias Name: 300604
Alias Type: Project Code (Site Code)
Alias Name: 19490207
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 05/08/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 07/10/1997
Comments: The sixth partial Consent Decree requires GSF Energy (Air Products) to pay cleanup costs. DTSC can request reimbursement of unpaid past costs and future response costs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 11/18/1994
Comments: The leachate treatment plant (included as Leachate Manage ment Operable Unit) is built on the north parcel of the site and consists of influent storage and equalization, biological reactors, chemical precipitation, sand filtration carbon absorption, effluent storage and discharge, foul air system, storm water holding system and sludge disposal system. The plant started operation on September 13, 1994 and the first discharge into the sewer system occurred on November 9, 1994.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 02/02/1996
Comments: The Fifth Partial Consent Degree (CD5) is negotiatied by EPA and the State with a group of potentially responsible parties (PRPs), composed of prior nonsettlers and recently noticed major parties.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/24/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 04/05/2019
Comments: Not reported

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 07/02/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/06/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/10/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/18/2016
Comments: HISTORICAL

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/02/2018
Comments: COMPLETED 10/02/2018

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 04/26/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 01/16/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 10/24/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 11/13/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

Completed Date: 07/07/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 09/22/2021
Comments: OLC conclusion uploaded to "drafts" to protect confidentiality.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 03/30/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 08/03/1983
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 09/24/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 06/15/2015
Comments: Triage meeting held

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 11/04/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/18/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/18/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/07/2019
Comments: Not reported

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/19/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/19/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/19/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/22/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/11/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/29/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/24/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 11/02/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/02/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

Completed Date: 07/27/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/07/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/21/2021
Comments: EPA approved the 100% Design Document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 04/21/2000
Comments: Final cover for the entire South Parcel is completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 03/09/1998
Comments: This design plan approves the capping of the landfill with an additional four feet of monocover using the existing cap as a two foot foundation layer. The cap design also includes the establishment of native vegetation for monocover performance as well as aesthetics.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 07/23/1997
Comments: 30% Design - Final Cover -- The final cap will consist of a four foot thick monocover with a native vegetative cover. The existing cap will act as a foundation for the monocover.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/30/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 09/28/2000
Comments: Landfill Gas Treatment system began operations replacing the flares. The LFGTS is capable of 99.99% Destruction & Removal Efficiency (DRE). Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 09/24/1999
Comments: Approval of the Final Design for the Landfill Gas Treatment System

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

(LFGTS).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/30/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/28/1990
Comments: The amended Gas Migration Control ROD at the site addresses the landfill gas (LFG) migration control and landfill cover. The major component of this amendment is the addition of landfill cover to the previously selected gas migration control remedy. The major components of the Gas Migration Control ROD include: 1) landfill cover designed to reduce surface gas emissions and odors, prevent oxygen intrusion into the refuse, prevent surface water infiltration, provide erosion control, and improve site aesthetics; perimeter LFG extraction wells with placement focused on minimizing off site LFG migration; LFG extraction wells on the top deck of the landfill with placement focused on maximizing source control of LFG; shallow and deep slope wells with placement focused on reducing surface emissions and controlling intermediate to deep subsurface migration at the perimeter; integrated above-grade LFG headers and condensate sumps; LFG monitoring wells at the site boundary; upgraded thermal destruction facility for landfill gas; and pumps in appropriate gas wells with above-grade collection sumps to dewater saturated zones. The amended gas control remedial action will be integrated with the two additional operable units, Site Control and Monitoring, and Leachate Management, now being implemented.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 11/28/2005
Comments: OII North Parcel 30% Remedial Design completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 11/30/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 07/01/2015
Comments: Comments received and sent to proponent on methane mitigation plan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 09/23/2015
Comments: Not reported

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/19/2018
Comments: COMPLETED

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/19/2018
Comments: COMPLETED

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/19/2018
Comments: COMPLETED

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/19/2018
Comments: COMPLETED

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/13/2018
Comments: COMPLETED

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/23/2019
Comments: COMPLETED

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/17/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/17/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/17/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

Completed Date: 10/18/2018
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2031
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Name: OPERATING INDUSTRIES INC
Address: 900 POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 917557419
Facility ID: 80001837
Status: Refer: SMBRP
Status Date: 06/19/2013
Site Code: Not reported
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: MBR
Program Manager: Not reported
Supervisor: * Unknown
Division Branch: Cleanup Chatsworth
Assembly: 49
Senate: 22
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.03423
Longitude: -118.1124
APN: 5293022006
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 5293022006
Alias Type: APN
Alias Name: CAT080012024
Alias Type: EPA Identification Number
Alias Name: 19490207
Alias Type: Envirostor ID Number
Alias Name: 80001837
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 04/01/1984
Comments: Not reported

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	04/01/1984
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

LOS ANGELES CO. LF:

Name:	OPERATING INDUSTRIES, INC.
Address:	900 POTRERO GRANDE DRIVE
City,State,Zip:	MONTEREY PARK, CA 91754
Site ID:	1993
Alt. Site Name:	Montery Park Disposal Co.
Alt. Address:	Not reported
Site Contact:	Not reported
Site Contact Phone:	Not reported
Site Email:	Not reported
Site Website:	Not reported
Site Type:	Designated Waste Landfill
Site SWIS Number:	19-AA-0836
Beginning Operation Date:	1948
Ending Operation Date:	Oct-84
Local Enforcement Agency:	County Public Health
Maximun Depth Fill(Ft):	325
Permitted Capacity:	Not reported
Present Use:	Vacant
Remaining Capacity(Million):	Not reported
Status:	Closed
Waste Accepted:	Inert;
Hours of Operation:	Not reported
Disposal Area (Acre):	190

Detail As Of 01/2014:

Operator Name:	Unknown
Operator Address:	Not reported
Operator City/State/Zip:	Not reported
Operator Contact:	Not reported
Operator Telephone:	Not reported
Operator Email:	Not reported
Owner Name:	Operating Industries, INC.
Owner Address:	1749 Potrero Grande Drive
Owner City/State/Zip:	Monterey Park, CA 91754
Owner Contact:	Not reported
Owner Telephone:	(818) 280-3130
Owner Email:	Not reported
District:	1
Site Mailing Address:	Not reported

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

SWF/LF (SWIS):

Name:	OPERATING INDUSTRIES, INC
Address:	900 POTRERO GRANDE DRIVE
City,State,Zip:	MONTEREY PARK, CA 91754
Region:	STATE
Facility ID:	19-AA-0836
SWIS Number:	19-AA-0836
Point of Contact:	Dawn Liang
Is Archived:	No
Is Closed Illegal Abandoned:	Yes
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Closed
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	C1
EPA Federal Registry ID:	Not reported
ARB District:	South Coast
SWRCB Region:	Los Angeles
Local Government:	Monterey Park
Reporting Agency Legal Name:	County of Los Angeles
Reporting Agency Department:	Department of Public Health
Enforcing Agency Legal Name:	County of Los Angeles
Enforcing Agency Department:	Department of Public Health
Regulation Status:	Unpermitted

Activity:

SWIS Number:	19-AA-0836
Site Name:	Operating Industries, Inc
Activity:	Solid Waste Disposal Site
Activity Is Archived:	No
Category:	Disposal
Activity Classification:	Solid Waste Disposal Site
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	10/1/1984
Cease Operation Type:	Actual
Inspection Frequency:	None
Throughput:	Not reported
Throughput Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	Not reported
Capacity Units:	Not reported
Total Acreage:	0
Disposal Acreage:	0
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Dawn Liang
Site Operational Status:	Closed
Site Regulatory Status:	Unpermitted
Site Is Archived:	No
Is Closed Illegal Abandoned:	Yes
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	C1
EPA Federal Registry ID:	Not reported
County:	Los Angeles
ARB District:	South Coast
SWRCB Region:	Los Angeles
Local Government:	Monterey Park
Street Address:	900 Potrero Grande Drive
City:	Monterey Park
State:	CA
ZIP Code:	91754
Reporting Agency Legal Name:	County of Los Angeles
Reporting Agency Department:	Department of Public Health
Enforcing Agency Legal Name:	County of Los Angeles
Enforcing Agency Department:	Department of Public Health

Operator:

SWIS Number:	19-AA-0836
Site Name:	Operating Industries, Inc
Site Operational Status:	Closed
Site Type:	Disposal Only
Site Regulatory Status:	Unpermitted
Latitude:	34.055
Longitude:	-118.1075
Is Archived:	No
Operator:	Operating Industries, Inc
Started On:	Not reported
Contact Name:	Michael Harabedian
Contact Title:	Partner
Contact Email:	Not reported
Contact Phone:	(818) 280-3130
Street Address:	1749 Potrero Grande Drive
Operator City:	Monterey Park
Operator State:	CA
Operator Zip:	91754

Owner:

SWIS Number:	19-AA-0836
Owner:	Operating Industries, Inc
Owner Address:	1749 Potrero Grande Dr
Owner City:	Monterey Park
Owner State:	CA
Owner Zip:	91755
Site Name:	Operating Industries, Inc
Site Operational Status:	Closed
Site Type:	Disposal Only
Site Regulatory Status:	Unpermitted
Latitude:	34.055
Longitude:	-118.1075
Is Archived:	No
Started On:	Not reported
Contact Name:	Michael Harabedian
Contact Title:	Partner
Contact Email:	Not reported
Contact Phone:	(818) 280-3130

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

HIST UST:

Name:	OPERATING INDUSTRIES LANDFILL
Address:	900 POTRERO GRANDE DRIVE
City,State,Zip:	MONTEREY PARK, CA 91754
File Number:	000279E9
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000279E9.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

DEED:

Name:	OPERATING INDUSTRIES, INC. LANDFILL
Address:	900 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91755
Envirostor ID:	19490207
Area:	PROJECT WIDE
Sub Area:	Not reported
Site Type:	FEDERAL SUPERFUND
Status:	CERTIFIED / OPERATION & MAINTENANCE
Agency:	Not reported
Covenant Uploaded:	Not reported
Deed Date(s):	04/26/2013
File Name:	Envirostor Land Use Restrictions

Name:	OPERATING INDUSTRIES, INC. LANDFILL
Address:	900 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91755
Envirostor ID:	19490207
Area:	PROJECT WIDE
Sub Area:	Not reported
Site Type:	FEDERAL SUPERFUND
Status:	CERTIFIED / OPERATION & MAINTENANCE
Agency:	Not reported
Covenant Uploaded:	Not reported
Deed Date(s):	07/02/2014
File Name:	Envirostor Land Use Restrictions

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

LDS:

Name:	OPERATING INDUSTRIES WHEELER NO. 5 WELL
Address:	900 POTRERO GRANDE DRIVE
City,State,Zip:	MONTEREY PARK, CA 91754
Global Id:	T10000005527
Latitude:	34.03241
Longitude:	-118.1050
Case Type:	Land Disposal Site
Status:	Completed - Case Closed
Status Date:	05/31/2016
Lead Agency:	Not reported
Caseworker:	Not reported
Local Agency:	Not reported
RB Case Number:	50-029
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Not reported
EDR Link ID:	T10000005527
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CORTESE:

Name:	OPERATING INDUSTRIES, INC. LANDFILL
Address:	900 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91755
Region:	CORTESE
Envirostor Id:	19490207
Global ID:	Not reported
Site/Facility Type:	FEDERAL SUPERFUND - LISTED
Cleanup Status:	CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
Status Date:	08/02/2012
Site Code:	300110, 300284, 300604
Latitude:	34.036497
Longitude:	-118.10401
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	envirostor
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Haz Waste & Substances Sites

ENF:

Name:	OII LANDFILL
Address:	900 POTRERO GRANDE
City,State,Zip:	MONTEREY PARK, CA 91755
Region:	4

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

Facility Id:	245842
Agency Name:	Not reported
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.038187
Place Longitude:	-118.11129
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	LNDISP
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	219871
Region:	4
Order / Resolution Number:	R4-1992-0053
Enforcement Action Type:	Admin Civil Liability
Effective Date:	10/19/1992
Adoption/Issuance Date:	Not reported
Achieve Date:	11/19/1992
Termination Date:	12/01/2003
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	ACL 92-053 - 4B190332001
Description:	NON-PAYMENT OF ANNUAL FEE.
Program:	LNDISP
Latest Milestone Completion Date:	12/1/2003
# Of Programs1:	1
Total Assessment Amount:	16375
Initial Assessed Amount:	0
Liability $ Amount:	16375
Project $ Amount:	0
Liability $ Paid:	16375
Project $ Completed:	0
Total $ Paid/Completed Amount:	16375

HIST CORTESE:

edr_fname:	OPERATING INDUSTRIES, INC
edr_fadd1:	900 POTRERO GRANDE
City,State,Zip:	MONTEREY PARK, CA 91754
Region:	CORTESE
Facility County Code:	19
Reg By:	CALSI
Reg Id:	19490207

HWP:

EPA ID:	CAT080012024
Name:	NEW CURE, INC.
Address:	900 POTRERO GRANDE DR
Cleanup Status:	UNDERGOING CLOSURE
Latitude:	34.03423
Longitude:	-118.1124
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Supervisor:	Not reported
Site Code:	Not reported
Senate District:	22
Assembly District:	49
Public Information Officer:	Not reported
Commercial Offsite Facility Types:	Not reported
Quarterly Update:	Operating Industries, Inc. (OII) is an inactive Class II landfill surrounded by residential areas on the south and west borders. From 1948 to 1952, the OII site was operated as a municipal landfill by the

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

City of Monterey Park. In January 1952, the site became a privately owned landfill under the ownership of OII. The site was permitted by the RWQCB in 1976, to receive various nonhazardous and hazardous liquid wastes, including lead compounds, chrome oxide, pigment sludge, refinery wastes, waste water from paint manufacturing, and caustic cleaning waste. It was not until 1984 that OII stopped accepting waste. The pathways of contamination are through inhalation of land fill gases and direct contact of leachate entering the ground water. Possible receptors are the residents near the facility and the potential impact of the contaminated groundwater on drinking water supplies. The Department of Toxic Substances Control took over the site when the owner and operator failed to continue with the site closure activities. In May 1986, the landfill was listed on the NPL and EPA became the lead agency. EPA initiated a remedial investigation to define the extent of environmental problems. A hydrogeologic investigation to study the groundwater was performed in September of 1989. In May of 1989, a Partial Consent Decree was entered in the Federal Court between EPA and over 100 PRPs. The PRPs agreed to undertake the site control and monitoring, and construct a leachate treatment system, as well as conducting several site improvements. Site work pursuant to the Consent Decree began in November 1989, when daily operation, including operation and maintenance/monitoring of the existing gas and leachate control system, and erosion and drainage control were assumed by the settling PRPs'.

Project Manager Lead: Not reported
Project Manager: Not reported
Permit Type: Not reported
Permit Effective Date: Not reported
Permit Expiration Date: Not reported
Calenviroscreen Score: 71-75%
Total Planned Hours: Not reported
Total Planned Amount: Not reported
Total Actual Hours: Not reported

Activities:

EPA ID: CAT080012024
Facility Type: Historical - Non-Operating
Facility Name: NEW CURE, INC.
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: UNDERGOING CLOSURE
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1986-05-20 00:00:00
Type: Not reported
Title Description: PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: LANDFIL1
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 01/28/1983

EPA ID: CAT080012024
Facility Type: Historical - Non-Operating
Facility Name: NEW CURE, INC.
Project Manager: Not reported

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: UNDERGOING CLOSURE
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1986-05-20 00:00:00
Type: Not reported
Title Description: PERMIT1
Due Date: Not reported
Comments: INTENDS/CLOSED ALL WASTE HANDLING FACILITY, INTENDS/CLOSED ALL WASTE HANDLING FACILITY, Approved Request
Unit Names: LANDFIL1
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Actual Date: 05/20/1986

EPA ID: CAT080012024
Facility Type: Historical - Non-Operating
Facility Name: NEW CURE, INC.
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: UNDERGOING CLOSURE
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1986-05-20 00:00:00
Type: Not reported
Title Description: PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: LANDFIL1
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/19/1980

EPA ID: CAT080012024
Facility Type: Historical - Non-Operating
Facility Name: NEW CURE, INC.
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: UNDERGOING CLOSURE
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1986-05-20 00:00:00
Type: Not reported
Title Description: PERMIT1
Due Date: Not reported
Comments: INTENDS/CLOSED ALL WASTE HANDLING FACILITY, INTENDS/CLOSED ALL WASTE HANDLING FACILITY, Approved Request
Unit Names: LANDFIL1
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Actual Date: 06/30/1983

Closure:
EPA ID: CAT080012024

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

Facility Type:	Historical - Non-Operating
Facility Name:	NEW CURE, INC.
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Size:	Not reported
Facility Status:	UNDERGOING CLOSURE
Activity Type:	Closure
Final Date:	Not reported
Type:	Not reported
Title Description:	CLOSURE1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	LANDFIL1
Event Description:	Closure - CLOSURE PLAN APPROVED
Actual Date:	02/17/1984

EPA ID:	CAT080012024
Facility Type:	Historical - Non-Operating
Facility Name:	NEW CURE, INC.
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Size:	Not reported
Facility Status:	UNDERGOING CLOSURE
Activity Type:	Closure
Final Date:	Not reported
Type:	Not reported
Title Description:	CLOSURE1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	LANDFIL1
Event Description:	Closure - CLOSURE PLAN RECEIVED
Actual Date:	06/30/1983

EPA ID:	CAT080012024
Facility Type:	Historical - Non-Operating
Facility Name:	NEW CURE, INC.
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Size:	Not reported
Facility Status:	UNDERGOING CLOSURE
Activity Type:	Referred for closure to other agency
Final Date:	Not reported
Type:	RCRA
Title Description:	REFERRED TO SITE CLEANUP - CERCLA
Due Date:	Not reported
Comments:	Not reported
Unit Names:	LANDFIL1
Event Description:	Referred for closure to other agency - REFERRED FOR CLOSURE TO OTHER AGENCY
Actual Date:	08/03/1983

Alias:

EPA ID:	CAT080012024
Facility Type:	Historical - Non-Operating

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

Facility Name:	NEW CURE, INC.
Facility Status:	UNDERGOING CLOSURE
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Alias Type:	Envirostor ID Number
Alias:	19490207

CIWQS:

Name:	OII LANDFILL
Address:	900 POTRERO GRANDE
City,State,Zip:	MONTEREY PARK, CA 91755
Agency:	Operating Industries Inc
Agency Address:	Not reported
Place/Project Type:	Land fill
SIC/NAICS:	4953
Region:	4
Program:	LNDISP
Regulatory Measure Status:	Historical
Regulatory Measure Type:	WDR
Order Number:	00-02403
WDID:	4B190332001
NPDES Number:	Not reported
Adoption Date:	03/02/2000
Effective Date:	03/02/2000
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	0
Major/Minor:	Not reported
Complexity:	A
TTWQ:	1
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.038187
Longitude:	-118.11129

CERS:

Name:	OPERATING INDUSTRIES WHEELER NO. 5 WELL
Address:	900 POTRERO GRANDE DRIVE
City,State,Zip:	MONTEREY PARK, CA 91754
Site ID:	200743
CERS ID:	T10000005527
CERS Description:	Land Disposal Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Wen Yang - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2136202253,

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

Name: OPERATING INDUSTRIES, INC
Address: 900 POTRERO GRANDE DRIVE
City,State,Zip: MONTEREY PARK, CA
Site ID: 510682
CERS ID: 19-AA-0836
CERS Description: Solid Waste and Recycle Sites

Affiliation:
Affiliation Type Desc: Legal Operator
Entity Name: Operating Industries, Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Monterey Park
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91754
Affiliation Phone: 8182803130,

Affiliation Type Desc: Legal Owner
Entity Name: Operating Industries, Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Monterey Park
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91754
Affiliation Phone: 8182803130,

Name: OPERATING INDUSTRIES, INC. LANDFILL
Address: 900 POTRERO GRANDE
City,State,Zip: MONTEREY PARK, CA 91755
Site ID: 257094
CERS ID: L10006918184
CERS Description: Land Disposal Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Wen Yang - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2136202253,

Name: OII LANDFILL
Address: 900 POTRERO GRANDE
City,State,Zip: MONTEREY PARK, CA 91755
Site ID: 347153
CERS ID: 245842
CERS Description: Land Disposal

Enforcement Action:
Site ID: 347153
Site Name: OII Landfill
Site Address: 900 POTRERO GRANDE

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S100460541**

Site City:	MONTEREY PARK
Site Zip:	91755
Enf Action Date:	10-19-1992
Enf Action Type:	Administrative Enforcement with Penality
Enf Action Description:	Administrative Enforcement with Civil Liability (Penality)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	UNSPEC
Enf Action Source:	CIWQS,

J40 **GETTY SYNTHETIC FUELS INC** **RCRA-SQG** **1000423357**
ESE **900 POTRERO GRANDE** **ICIS** **CAD980895478**
1/8-1/4 **MONTEREY PARK, CA 91754** **FINDS**
0.137 mi. **ECHO**
723 ft. **Site 2 of 16 in cluster J**

Relative: **Lower**
Actual: **352 ft.**

RCRA-SQG:

Date Form Received by Agency:	19960901
Handler Name:	GETTY SYNTHETIC FUELS INC
Handler Address:	900 POTRERO GRANDE
Handler City,State,Zip:	MONTEREY PARK, CA 91754
EPA ID:	CAD980895478
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	POTRERO GRANDE
Mailing City,State,Zip:	MONTEREY PARK, CA 91754
Owner Name:	NOT REQUIRED
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No

GETTY SYNTHETIC FUELS INC (Continued) **1000423357**

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GETTY SYNTHETIC FUELS INC (Continued) **1000423357**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960901
Handler Name:	GETTY SYNTHETIC FUELS INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

ICIS:

Enforcement Action ID:	09-2001-0155
FRS ID:	110002676783
Action Name:	OPERATING INDUSTRIES - AOC
Facility Name:	GETTY SYNTHETIC FUELS INC
Facility Address:	900 POTRERO GRANDE MONTEREY PARK, CA 91754
Enforcement Action Type:	CERCLA 122G1A Agrmt For De Minimus Cr
Facility County:	LOS ANGELES
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	122G1A
Facility SIC Code:	4953
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	34.038673
Longitude in Decimal Degrees:	-118.110173
Permit Type Desc:	Not reported
Program System Acronym:	29718
Facility NAICS Code:	Not reported

GETTY SYNTHETIC FUELS INC (Continued) **1000423357**

Tribal Land Code:	Not reported
Enforcement Action ID:	09-2000-0196
FRS ID:	110002676783
Action Name:	OPERATING INDUSTRIES
Facility Name:	GETTY SYNTHETIC FUELS INC
Facility Address:	900 POTRERO GRANDE MONTEREY PARK, CA 91754
Enforcement Action Type:	CERCLA 122G Admin. Deminimis Cost Recov Settlement (Old)
Facility County:	LOS ANGELES
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	122G
Facility SIC Code:	4953
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	34.038673
Longitude in Decimal Degrees:	-118.110173
Permit Type Desc:	Not reported
Program System Acronym:	29718
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported
Enforcement Action ID:	09-1999-0198
FRS ID:	110002676783
Action Name:	OPERATING INDUSTRIES INCORPORATED
Facility Name:	GETTY SYNTHETIC FUELS INC
Facility Address:	900 POTRERO GRANDE MONTEREY PARK, CA 91754
Enforcement Action Type:	CERCLA 122G1A Agrmt For De Minimus Cr
Facility County:	LOS ANGELES
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	122G1A
Facility SIC Code:	4953
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	34.038673
Longitude in Decimal Degrees:	-118.110173
Permit Type Desc:	Not reported
Program System Acronym:	29718
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported
Enforcement Action ID:	09-1999-0134
FRS ID:	110002676783
Action Name:	U.S. BRASS
Facility Name:	GETTY SYNTHETIC FUELS INC
Facility Address:	900 POTRERO GRANDE MONTEREY PARK, CA 91754
Enforcement Action Type:	Bankruptcy
Facility County:	LOS ANGELES
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Judicial
EA Type Code:	BNK
Facility SIC Code:	4953
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	34.038673
Longitude in Decimal Degrees:	-118.110173

GETTY SYNTHETIC FUELS INC (Continued) **1000423357**

Permit Type Desc: Not reported
Program System Acronym: 29718
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-1998-0171
FRS ID: 110002676783
Action Name: OPERATING INDUSTRIES INC. (OII)
Facility Name: GETTY SYNTHETIC FUELS INC
Facility Address: 900 POTRERO GRANDE
MONTEREY PARK, CA 91754
Enforcement Action Type: CERCLA 122G Admin. Deminimis Cost Recov Settlement (Old)
Facility County: LOS ANGELES
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 122G
Facility SIC Code: 4953
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.038673
Longitude in Decimal Degrees: -118.110173
Permit Type Desc: Not reported
Program System Acronym: 29718
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-1997-0046
FRS ID: 110002676783
Action Name: OPERATING INDUSTRIES - GSF ENERGY
Facility Name: GETTY SYNTHETIC FUELS INC
Facility Address: 900 POTRERO GRANDE
MONTEREY PARK, CA 91754
Enforcement Action Type: Civil Judicial Action
Facility County: LOS ANGELES
Program System Acronym: ICIS
Enforcement Action Forum Desc: Judicial
EA Type Code: CIV
Facility SIC Code: 4953
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.038673
Longitude in Decimal Degrees: -118.110173
Permit Type Desc: Not reported
Program System Acronym: 29718
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-1997-0012
FRS ID: 110002676783
Action Name: OPERATING INDUSTRIES, INC.
Facility Name: GETTY SYNTHETIC FUELS INC
Facility Address: 900 POTRERO GRANDE
MONTEREY PARK, CA 91754
Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: LOS ANGELES
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 106
Facility SIC Code: 4953

GETTY SYNTHETIC FUELS INC (Continued) **1000423357**

Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.038673
Longitude in Decimal Degrees: -118.110173
Permit Type Desc: Not reported
Program System Acronym: 29718
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-1989-0007
FRS ID: 110002676783
Action Name: CHEVRON CHEMICAL CO.,
Facility Name: GETTY SYNTHETIC FUELS INC
Facility Address: 900 POTRERO GRANDE
MONTEREY PARK, CA 91754
Enforcement Action Type: Civil Judicial Action
Facility County: LOS ANGELES
Program System Acronym: ICIS
Enforcement Action Forum Desc: Judicial
EA Type Code: CIV
Facility SIC Code: 4953
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.038673
Longitude in Decimal Degrees: -118.110173
Permit Type Desc: Not reported
Program System Acronym: 29718
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-1987-0009
FRS ID: 110002676783
Action Name: SMITH INTERNATIONAL
Facility Name: GETTY SYNTHETIC FUELS INC
Facility Address: 900 POTRERO GRANDE
MONTEREY PARK, CA 91754
Enforcement Action Type: Bankruptcy
Facility County: LOS ANGELES
Program System Acronym: ICIS
Enforcement Action Forum Desc: Judicial
EA Type Code: BNK
Facility SIC Code: 4953
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.038673
Longitude in Decimal Degrees: -118.110173
Permit Type Desc: Not reported
Program System Acronym: 29718
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: GETTY SYNTHETIC FUELS INC
Address: 900 POTRERO GRANDE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4953

Facility Name: GETTY SYNTHETIC FUELS INC

GETTY SYNTHETIC FUELS INC (Continued) **1000423357**

Address: 900 POTRERO GRANDE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4953

Facility Name: GETTY SYNTHETIC FUELS INC
Address: 900 POTRERO GRANDE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4953

Facility Name: GETTY SYNTHETIC FUELS INC
Address: 900 POTRERO GRANDE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4953

Facility Name: GETTY SYNTHETIC FUELS INC
Address: 900 POTRERO GRANDE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4953

Facility Name: GETTY SYNTHETIC FUELS INC
Address: 900 POTRERO GRANDE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4953

Facility Name: GETTY SYNTHETIC FUELS INC
Address: 900 POTRERO GRANDE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4953

Facility Name: GETTY SYNTHETIC FUELS INC
Address: 900 POTRERO GRANDE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4953

Facility Name: GETTY SYNTHETIC FUELS INC
Address: 900 POTRERO GRANDE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4953

Facility Name: GETTY SYNTHETIC FUELS INC
Address: 900 POTRERO GRANDE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4953

Facility Name: GETTY SYNTHETIC FUELS INC
Address: 900 POTRERO GRANDE

GETTY SYNTHETIC FUELS INC (Continued) **1000423357**

Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4953

Facility Name: GETTY SYNTHETIC FUELS INC
Address: 900 POTRERO GRANDE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4953

Facility Name: GETTY SYNTHETIC FUELS INC
Address: 900 POTRERO GRANDE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4953

Facility Name: GETTY SYNTHETIC FUELS INC
Address: 900 POTRERO GRANDE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4953

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Address: 900 POTRERO GRANDE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4953

Facility Name: GETTY SYNTHETIC FUELS INC
Address: 900 POTRERO GRANDE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4953

Facility Name: GETTY SYNTHETIC FUELS INC
Address: 900 POTRERO GRANDE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4953

Facility Name: GETTY SYNTHETIC FUELS INC
Address: 900 POTRERO GRANDE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4953

Facility Name: GETTY SYNTHETIC FUELS INC
Address: 900 POTRERO GRANDE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4953

Facility Name: GETTY SYNTHETIC FUELS INC
Address: 900 POTRERO GRANDE
Tribal Indicator: N

GETTY SYNTHETIC FUELS INC (Continued) **1000423357**

Fed Facility: No
NAIC Code: Not reported
SIC Code: 4953

FINDS:
Registry ID: 110002676783

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000423357
Registry ID: 110002676783
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002676783
Name: GETTY SYNTHETIC FUELS INC
Address: 900 POTRERO GRANDE
City,State,Zip: MONTEREY PARK, CA 91755

J41 **OPERATING INDUSTRIES, INC.** **WMUDS/SWAT** **S100833436**
ESE **900 POTRERO GRANDE DRIVE** **CA BOND EXP. PLAN** **N/A**
1/8-1/4 **MONTEREY PARK, CA 91754** **LOS ANGELES CO LF METHANE**
0.137 mi.
723 ft. **Site 3 of 16 in cluster J**

Relative: **Lower**
Actual: **352 ft.**

WMUDS/SWAT:
Edit Date: 19950126
Complexity: Category A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility (particularly those with toxicwastes) with numerous discharge points, leak detection systems or ground water monitoring wells.
Primary Waste: SLDWST
Primary Waste Type: Hazardous/Influent or Solid Wastes that contain toxic, corrosive,

OPERATING INDUSTRIES, INC. (Continued) **S100833436**

ignitable or reactive substances and must be managed according to applicable DOHS standards.

Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	SB
NPID:	Not reported
Tonnage:	2900
Regional Board ID:	57-165
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Private
Agency Name:	OPERATING INDUSTRIES, INC.
Agency Department:	Not reported
Agency Address:	1749 POTRERO GRANDE DR. STE. E
Agency City,St,Zip:	MONTEREY PARK CA 91754
Agency Contact:	Not reported
Agency Telephone:	2137215996
Land Owner Name:	OPERATING INDUSTRIES, INC.
Land Owner Address:	2425 S. GARFIELD AVE
Land Owner City,St,Zip:	MONTEREY PARK, CA 91754
Land Owner Contact:	Not reported
Land Owner Phone:	2137215996
Region:	4
Facility Type:	Solid Waste Site-Class III - Landfills for non hazardous solid wastes.
Facility Description:	Not reported
Facility Telephone:	2137215996
SWAT Facility Name:	OPERATING INDUSTRIES INC.
Primary SIC:	4953
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	JHMJHMJHM
Waste Discharge System:	True
Solid Waste Assessment Test Program:	True
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	OPERATING INDUSTRIES INCORPORATED
Threat to Water Quality:	Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.
Sub Chapter 15:	True
Regional Board Project Officer:	Not reported
Number of WMUDS at Facility:	1
Section Range:	02S12W
RCRA Facility:	No
Waste Discharge Requirements:	H
Self-Monitoring Rept. Frequency:	Monthly Submittal
Waste Discharge System ID:	4B190332001
Solid Waste Information ID:	19-AM-0001

CA BOND EXP. PLAN:

Reponsible Party:	NPL SITE CLEANUP WORKPLAN

OPERATING INDUSTRIES, INC. (Continued) **S100833436**

Project Revenue Source Company:	Not reported
Project Revenue Source Addr:	Not reported
Project Revenue Source City,St,Zip:	Not reported
Project Revenue Source Desc:	EPA, with State participation, is negotiating with the PRP's for PRP financing of the site RI/FS. For purposes of this document, DHS is assuming that final remediation activities will be jointly funded by EPA and DHS.
Site Description:	The site is an inactive Class II landfill bounded by Highway 60 on the north and residential areas of the City of Montebello on the south and west.
Hazardous Waste Desc:	The site was permitted by the RWQCB in 1976 to receive liquid wastes. Wastes include lead compounds, chrome oxide, pigment sludge, refinery slop oil, emulsion solids, leaded tank bottoms, waste water from paint manufacturing, and caustic cleaning waste.
Threat To Public Health & Env:	Landfill gases including vinyl chloride and methane continue to migrate offsite and has been detected in residential water meter boxes and offsite probes and inside one home adjacent to the site. Leachate containing hazardous substances has been detected in monitoring wells in the center of the landfill. An unknown quantity of leachate has accumulated and poses a threat since it may migrate and thus threatens surface and ground water.
Site Activity Status:	An interagency committee consisting of 15 federal, State and local agencies is coordinating efforts to properly mitigate and close this site. The State agencies have filed suit to order Operating Industries, Inc., to undertake specific characterization and remedial actions. A preliminary injunction has been issued. Operating Industries, Inc., failed to provide proper financial assurances for closure and post-closure, claiming that funds are not available. Transportation offsite of leachate collected by the perimeter drain system was paid for by Operating Industries, Inc., until October, 1985. This task has since been paid for by EPA and DHS with emergency funds, at a cost of approximately $50,000 per month. EPA is conducting an RI/FS with review and oversight by DHS and other State agencies. In addition, the EPA ROD for an operable unit to control gas migration from the landfill was signed in September, 1988.

LOS ANGELES CO LF METHANE:

Name:	OPERATING INDUSTRIES, INC.
Address:	900 POTRERO GRANDE DRIVE
City,State,Zip:	MONTEREY PARK, CA 91754
Site Number:	1993
Status:	Closed
Description:	Designated Waste Landfill
Operator Name:	Unknown
Operator Telephone:	Not reported
Sup District:	Not reported
Shape Length:	Not reported
Shape Area:	Not reported
Latitude:	Not reported
Longitude:	Not reported

J42 **OPERATING INDUSTRIES INC** **SWEEPS UST** **S106930166**
ESE **900 PORTERO GRANDE** **N/A**
1/8-1/4 **MONTEREY PARK, CA**
0.137 mi.
723 ft. **Site 4 of 16 in cluster J**

Relative: **Lower**

Actual: **352 ft.**

SWEEPS UST:

Name:	OPERATING INDUSTRIES INC
Address:	900 PORTERO GRANDE
City:	MONTEREY PARK

OPERATING INDUSTRIES INC (Continued) **S106930166**

Status:	Active
Comp Number:	489
Number:	9
Board Of Equalization:	44-007449
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-000489-000001
Tank Status:	A
Capacity:	8000
Active Date:	01-08-93
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	2

Name:	OPERATING INDUSTRIES INC
Address:	900 PORTERO GRANDE
City:	MONTEREY PARK
Status:	Active
Comp Number:	489
Number:	9
Board Of Equalization:	44-007449
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-000489-000002
Tank Status:	A
Capacity:	8000
Active Date:	01-08-93
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

J43 **OPERATING INDUSTRIES, INC. LANDFILL** **HIST Cal-Sites** **S106023105**
ESE **900 POTRERO GRANDE DR** **HIST UST** **N/A**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.137 mi.
723 ft. **Site 5 of 16 in cluster J**

Relative: Calsite:
Lower

Actual:
352 ft.

Name:	OPERATING INDUSTRIES, INC. LANDFILL
Address:	900 POTRERO GRANDE DR
City:	MONTEREY PARK
Region:	GLENDALE
Facility ID:	19490207
Facility Type:	NPRP
Type:	NPL SITE, RP-FUNDED
Branch:	SA
Branch Name:	SO CAL - GLENDALE
File Name:	Not reported
State Senate District:	04191996
Status:	ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name:	ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency:	ENVIRONMENTAL PROTECTION AGENCY

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S106023105**

NPL: Listed
SIC Code: 49
SIC Name: ELECTRIC, GAS & SANITARY SERVICES
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: TYARGEAU
Supervisor Responsible for Site: Not reported
Region Water Control Board: LA
Region Water Control Board Name: LOS ANGELES
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 49
State Senate District Code: 24
Facility ID: 19490207
Activity: RA
Activity Name: REMOVAL ACTION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 11301994
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: N
Activity Comments: WORK ON SITE DIVIDED INTO THREE OPERABLE UNITS.
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19490207
Activity: COST
Activity Name: COST RECOVERY
AWP Code: CD5
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 02021996
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S106023105**

Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	DES
Activity Name:	DESIGN
AWP Code:	LFG
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09241999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	LFG
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09282000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S106023105**

Facility ID:	19490207
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	07312005
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	X
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	06302029
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	X
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	ROD
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09301996
Est Person-Yrs to complete:	0

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S106023105**

Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	DES
Activity Name:	DESIGN
AWP Code:	CV30
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07231997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	DES
Activity Name:	DESIGN
AWP Code:	CV
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03091998
Est Person-Yrs to complete:	0
Estimated Size:	X
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S106023105**

Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	COVS
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04212000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	CD-6
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07101997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S106023105**

AWP Code:	CD-8
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	05082002
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	GAS
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09281990
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	IV
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11181994
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S106023105**

Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	900 N POTRERO GRANDE DR
Alternate City,St,Zip:	MONTEREY PARK, CA 91754
Alternate Address:	900 POTRERO GRANDE DR
Alternate City,St,Zip:	MONTEREY PARK, CA 91755
Background Info:	Operating Industries, Inc. (OII) is an inactive Class II landfill surrounded by residential areas on the south and west borders. From 1948 to 1952, the OII site was operated as a municipal landfill by the City of Monterey Park. In January 1952, the site became a privately owned landfill under the ownership of OII. The site was permitted by the RWQCB in 1976, to receive various nonhazardous and hazardous liquid wastes, including lead compounds, chrome oxide, pigment sludge, refinery wastes, waste water from paint manufacturing, and caustic cleaning waste. It was not until 1984 that OII stopped accepting waste. The pathways of contamination are through inhalation of land fill gases and direct contact of leachate entering the ground water. Possible receptors are the residents near the facility and the potential impact of the contaminated groundwater on drinking water supplies. The Department took over the site when the owner and operator failed to continue with the site closure activities. In May 1986, the landfill was listed on the NPL and EPA became the lead agency. EPA initiated a remedial investigation to define the extent of environmental problems. A hydrogeologic investigation to study the groundwater was performed in September of 1989. In May of 1989, a Partial Consent Decree was entered in the Federal Court between EPA and over 100 PRPs. The PRPs agreed to undertake the site control and monitoring, and construct a leachate treatment system, as well as conducting several site improvements. Site work pursuant to the Consent Decree began in November 1989, when daily operation, including operation and maintenance/monitoring of the existing gas and leachate control system, and erosion and drainage control were assumed by the settling PRPs'.
Comments Date:	09171991
Comments:	funds to the first Partial Consent Decree is signed.
Comments Date:	01011984
Comments:	This is the date the site was first listed pursuant to
Comments Date:	01011984
Comments:	section 25356.
Comments Date:	01012003
Comments:	Second 90-day Compliance Testing period begins.
Comments Date:	01132005
Comments:	DTSC received $181,012.27 from the Operating Industries Inc.

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S106023105**

Comments Date:	01132005
Comments:	Closure Trust Account. This money will be used to cover future
Comments Date:	01132005
Comments:	response costs for DTSC at the OII site.
Comments Date:	02021996
Comments:	The Fifth Partial Consent Degree (CD5) is negotiatied by
Comments Date:	02021996
Comments:	EPA and the State with a group of potentially responsible
Comments Date:	02021996
Comments:	parties (PRPs), composed of prior nonsettlers and recently
Comments Date:	02021996
Comments:	noticed major parties.
Comments Date:	02061995
Comments:	Third Consent Decree Final Workplan(with sampling and
Comments Date:	02061995
Comments:	analysis plan) and the Revised QA/QC Plan.
Comments Date:	02202002
Comments:	USEPA approves workplan outline as part of the early action
Comments Date:	02202002
Comments:	activity per Eighth Partial Consent Decree.
Comments Date:	03091998
Comments:	This design plan approves the capping of the landfill
Comments Date:	03091998
Comments:	with an additional four feet of monocover using the existing cap
Comments Date:	03091998
Comments:	as a two foot foundation layer. The cap design also includes the
Comments Date:	03091998
Comments:	establishment of native vegetation for monocover performance as
Comments Date:	03091998
Comments:	well as aesthetics.
Comments Date:	03272003
Comments:	Second 90-day Compliance Testing period completed.
Comments Date:	03292001
Comments:	DTSC receives Trial Burn Report which contains the results from
Comments Date:	03292001
Comments:	the performance test for the LFGTS conducted in September 2000.
Comments Date:	03292001
Comments:	Results indicate that the LFGTS achieved the 99.99% DRE.
Comments Date:	03301992
Comments:	The Department enters into the third Partial Consent Decree
Comments Date:	03301992
Comments:	which covers Gas Control, Landfill Cover and Surface Water
Comments Date:	03301992
Comments:	Management.
Comments Date:	03301996
Comments:	FS prepared by US EPA.
Comments Date:	04162003
Comments:	Compliance Testing Report approved by USEPA.
Comments Date:	04212000
Comments:	Final cover for the entire South Parcel is completed.
Comments Date:	05111989
Comments:	The first Partial Consent Decree which addresses the Site Control
Comments Date:	05111989
Comments:	and Monitoring and Leachate Management Systems is signed.
Comments Date:	05282002
Comments:	Eighth Partial Consent Decree for OII entered by the United
Comments Date:	05282002

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S106023105**

Comments:	States District Court.
Comments Date:	06281995
Comments:	5 Year review prepared by US EPA.
Comments Date:	07101997
Comments:	The sixth partial Consent Decree requires GSF Energy (Air
Comments Date:	07101997
Comments:	Products) to pay cleanup costs. DTSC can request reimbursement
Comments Date:	07101997
Comments:	of unpaid past costs and future response costs.
Comments Date:	07171995
Comments:	Predesign Workplan.
Comments Date:	07231997
Comments:	30% Design - Final Cover -- The final cap will consist of a
Comments Date:	07231997
Comments:	four foot thick monocover with a native vegetative cover. The
Comments Date:	07231997
Comments:	existing cap will act as a foundation for the monocover.
Comments Date:	07251991
Comments:	Inactive Class II Landfill. Contaminants include Pb
Comments Date:	07251991
Comments:	compounds, chrome oxide, pigment sludge, refinery slop oil,
Comments Date:	07251991
Comments:	emulsion solids, leaded tank bottom, wastewater from paint
Comments Date:	07251991
Comments:	manufacturing, and caustic cleaning wastes.
Comments Date:	08191995
Comments:	Predesign Report outline.
Comments Date:	08251995
Comments:	Former TSD facility.
Comments Date:	08282000
Comments:	Performance Test Plan for the LFGTS approved.
Comments Date:	08301991
Comments:	A second Calstar Code was added #300284 for the Gas Migration
Comments Date:	08301991
Comments:	Control activities. Oversight of these activities are
Comments Date:	08301991
Comments:	the responsibility of a different group of RPs.
Comments Date:	09171991
Comments:	The second Partial Consent Decree which added parties and
Comments Date:	09241999
Comments:	Approval of the Final Design for the Landfill Gas Treatment
Comments Date:	09241999
Comments:	System (LFGTS).
Comments Date:	09242000
Comments:	LFGTS test completed this past week. Preliminary results
Comments Date:	09242000
Comments:	indicate that the LFGTS will achieve the 99.99% Destruction and
Comments Date:	09242000
Comments:	Removal Efficiency (DRE).
Comments Date:	09281990
Comments:	The amended Gas Migration Control ROD at the site addresses
Comments Date:	09281990
Comments:	the landfill gas (LFG) migration control and landfill cover.
Comments Date:	09281990
Comments:	The major component of this amendment is the addition of
Comments Date:	09281990
Comments:	landfill cover to the previously selected gas migration

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S106023105**

Comments Date:	09281990
Comments:	control remedy.
Comments Date:	09281990
Comments:	Not reported
Comments Date:	09281990
Comments:	The major components of the Gas Migration Control ROD
Comments Date:	09281990
Comments:	include: 1) landfill cover designed to reduce surface gas
Comments Date:	09281990
Comments:	emissions and odors, prevent oxygen intrusion into the
Comments Date:	09281990
Comments:	refuse, prevent surface water infiltration, provide erosion
Comments Date:	09281990
Comments:	control, and improve site aesthetics; perimeter LFG
Comments Date:	09281990
Comments:	extraction wells with placement focused on minimizing off
Comments Date:	09281990
Comments:	site LFG migration; LFG extraction wells on the top deck of
Comments Date:	09281990
Comments:	the landfill with placement focused on maximizing source
Comments Date:	09281990
Comments:	control of LFG; shallow and deep slope wells with placement
Comments Date:	09281990
Comments:	focused on reducing surface emissions and controlling
Comments Date:	09281990
Comments:	intermediate to deep subsurface migration at the perimeter;
Comments Date:	09281990
Comments:	integrated above-grade LFG headers and condensate sumps;
Comments Date:	09281990
Comments:	LFG monitoring wells at the site boundary; upgraded
Comments Date:	09281990
Comments:	thermal destruction facility for landfill gas; and pumps
Comments Date:	09281990
Comments:	in appropriate gas wells with above-grade collection
Comments Date:	09281990
Comments:	sumps to dewater saturated zones.
Comments Date:	09281990
Comments:	Not reported
Comments Date:	09281990
Comments:	The amended gas control remedial action will be
Comments Date:	09281990
Comments:	integrated with the two additional operable units, Site
Comments Date:	09281990
Comments:	Control and Monitoring, and Leachate Management, now
Comments Date:	09281990
Comments:	being implemented.
Comments Date:	09282000
Comments:	Landfill Gas Treatment system began operations replacing the
Comments Date:	09282000
Comments:	flares. The LFGTS is capable of 99.99% Destruction & Removal
Comments Date:	09282000
Comments:	Efficiency (DRE).
Comments Date:	10012002
Comments:	First of two consecutive 90-day Compliance Testing periods for
Comments Date:	10012002
Comments:	the former landfill begins.
Comments Date:	10162000

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S106023105**

Comments:	Final Remedial Action Inspection conducted for the South
Comments Date:	10162000
Comments:	Parcel. The inspection is conducted jointly between US EPA,
Comments Date:	10162000
Comments:	DTSC and Army Corps of Engineers.
Comments Date:	10191995
Comments:	30% Design for Southwest Early Action Plan (SWEAP).
Comments Date:	10242000
Comments:	DTSC sends letter to US EPA recommending they accept the project
Comments Date:	10242000
Comments:	as complete. EPA concurs with DTSC.
Comments Date:	10251994
Comments:	RI prepared by US EPA.
Comments Date:	10271995
Comments:	Seismic Predesign Prefinal Workplan.
Comments Date:	11181994
Comments:	The U.S. EPA and the Department of Toxic Substances Control
Comments Date:	11181994
Comments:	enters into the Fourth Partial Consent Decree in an effort
Comments Date:	11181994
Comments:	to expedite the cleanup of the Site and avoid prolonged
Comments Date:	11181994
Comments:	and complicated litigation between the "parties".
Comments Date:	11211996
Comments:	The selected Remedial Alternative includes: Perimeter
Comments Date:	11211996
Comments:	liquids control, onsite treatment of collected liquids, natural
Comments Date:	11211996
Comments:	attenuation of offsite groundwater which includes monitoring
Comments Date:	11211996
Comments:	and evaluation, and continued operation and maintenance of
Comments Date:	11211996
Comments:	provisions in the three previous ROD's (site control and
Comments Date:	11211996
Comments:	monitoring, leachate management, gas migration control and
Comments Date:	11211996
Comments:	landfill cover).
Comments Date:	11301994
Comments:	The leachate treatment plant (included as Leachate Manage
Comments Date:	11301994
Comments:	ment Operable Unit) is built on the north parcel of
Comments Date:	11301994
Comments:	the site and consists of influent storage and equalization,
Comments Date:	11301994
Comments:	biological reactors, chemical precipitation, sand filtration
Comments Date:	11301994
Comments:	carbon absorption, effluent storage and discharge, foul air
Comments Date:	11301994
Comments:	system, storm water holding system and sludge disposal
Comments Date:	11301994
Comments:	system. The plant started operation on September 13, 1994
Comments Date:	11301994
Comments:	and the first discharge into the sewer system occurred on
Comments Date:	11301994
Comments:	November 9, 1994.
Comments Date:	12091999
Comments:	Top deck cover for the South Parcel is 75% complete. Cover over

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S106023105**

Comments Date: 12091999
Comments: remaining South Parcel is completed.
Comments Date: 12191999
Comments: Construction completed on Landfill Gas Treatment System (LFGTS),
Comments Date: 12191999
Comments: currently undergoing performance testing before being
Comments Date: 12191999
Comments: brought on-line and replacing the existing flare station.
ID Name: CALSTARS CODE
ID Value: 300110
ID Name: EPA IDENTIFICATION NUMBER
ID Value: CAT080012024
ID Name: BEP DATABASE PCODE
ID Value: P31028
Alternate Name: OPERATING INDUSTRIES, INC.
Alternate Name: OPERATING INDUSTRIES, INC. LANDFILL
Alternate Name: Not reported
Special Programs Code: MSCA
Special Programs Name: MULTI-SITE COOPERATIVE AGREEMENT

HIST UST:
Name: OPERATING INDUSTRIES LANDFILL
Address: 900 POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91754
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000029520
Facility Type: Other
Other Type: LANDFILL
Contact Name: CLAUDE WENDT
Telephone: 2137281765
Owner Name: OPERATING INDUSTRIES
Owner Address: 2425 SOUTH GARFIELD AVENUE
Owner City,St,Zip: MONTEREY PARK, CA 91754
Total Tanks: 0006

Tank Num: 001
Container Num: GST. #1
Year Installed: 1978
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: DST. #1
Year Installed: 1978
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: LCS #1

OPERATING INDUSTRIES, INC. LANDFILL (Continued) **S106023105**

Year Installed:	1980
Tank Capacity:	00008000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual

Tank Num:	004
Container Num:	LCS. #2
Year Installed:	1980
Tank Capacity:	00010000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual

Tank Num:	005
Container Num:	LCS. #3
Year Installed:	1980
Tank Capacity:	00003500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual

Tank Num:	006
Container Num:	LCS. #4
Year Installed:	1980
Tank Capacity:	00003500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual

J44 **ATHENS DISPOSAL** **SWEEPS UST** **S106922945**
ESE **900 E POTRERO GRANDE** **N/A**
1/8-1/4 **MONTEREY PARK, CA**
0.137 mi.
723 ft. **Site 6 of 16 in cluster J**

Relative: SWEEPS UST:
Lower

Name:	ATHENS DISPOSAL
Address:	900 E POTRERO GRANDE
City:	MONTEREY PARK
Status:	Active
Comp Number:	11801
Number:	9
Board Of Equalization:	Not reported
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported

Actual:
352 ft.

ATHENS DISPOSAL (Continued) **S106922945**

Content: Not reported
Number Of Tanks: Not reported

45
NNW
1/8-1/4
0.145 mi.
766 ft.

WILDA LAW **RCRA NonGen / NLR** **1026477311**
509 TAYLOR DR. **CAC003083151**
MONTEREY PARK, CA 91755

Relative:
Higher

Actual:
409 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20200910
Handler Name: WILDA LAW	
Handler Address:	509 TAYLOR DR.
Handler City,State,Zip:	MONTEREY PARK, CA 91755
EPA ID:	CAC003083151
Contact Name:	WILDA LAW
Contact Address:	509 TAYLOR DR.
Contact City,State,Zip:	MONTEREY PARK, CA 91755
Contact Telephone:	626-307-0303
Contact Fax:	Not reported
Contact Email:	KC@AQHIINC.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	509 TAYLOR DR.
Mailing City,State,Zip:	MONTEREY PARK, CA 91755
Owner Name:	WILDA LAW
Owner Type:	Other
Operator Name:	WILDA LAW
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

WILDA LAW (Continued) **1026477311**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200920
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WILDA LAW
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	509 TAYLOR DR.
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-307-0303
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WILDA LAW
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	509 TAYLOR DR.
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-307-0303

WILDA LAW (Continued) **1026477311**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20200910
Handler Name: WILDA LAW
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

K46 **MESA WATERLINE RELOCATION PROJECT** **RCRA NonGen / NLR** **1024863572**
ESE **1101 POTRERO GRANDE DR** **CAL000432118**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.159 mi.
839 ft. **Site 1 of 2 in cluster K**

Relative:
Lower

Actual:
364 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20171115
Handler Name: MESA WATERLINE RELOCATION PROJECT
Handler Address: 1101 POTRERO GRANDE DR
Handler City,State,Zip: MONTEREY PARK, CA 91755
EPA ID: CAL000432118
Contact Name: CODY WARRINGTON
Contact Address: 10704 SHOEMAKER AVE
Contact City,State,Zip: SANTA FE SPRINGS, CA 90670
Contact Telephone: 562-320-1038
Contact Fax: 562-946-3823
Contact Email: CODY.WARRINGTON@KIEWIT.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported

MESA WATERLINE RELOCATION PROJECT (Continued) **1024863572**

State District:	Not reported
Mailing Address:	4650 BUSINESS CENTER DR
Mailing City,State,Zip:	FAIRFIELD, CA 94534
Owner Name:	KIEWIT INFRASTRUCTURE WEST CO
Owner Type:	Other
Operator Name:	CODY WARRINGTON
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

MESA WATERLINE RELOCATION PROJECT (Continued) **1024863572**

Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CODY WARRINGTON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10704 SHOEMAKER AVE
Owner/Operator City,State,Zip:	SANTA FE SPRINGS, CA 90670
Owner/Operator Telephone:	562-320-1038
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KIEWIT INFRASTRUCTURE WEST CO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4650 BUSINESS CENTER DR
Owner/Operator City,State,Zip:	FAIRFIELD, CA 94534
Owner/Operator Telephone:	707-439-7300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20171115
Handler Name:	MESA WATERLINE RELOCATION PROJECT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

J47 **MONTEBELLO SERVICE CENTER** **LUST** **S101297592**
ESE **1000 POTRERO GRANDE DR** **Cortese** **N/A**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.159 mi.
840 ft. **Site 7 of 16 in cluster J**

Relative: **Lower**

Actual: **361 ft.**

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	I-07315	
Status:	Case Closed	
Substance:	Diesel	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603703289	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19000	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		12/27/1989
Date Leak Record Entered:	1/11/1990	
Date Confirmation Began:	11/14/1988	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		3/2/1994
Date the Case was Closed:		9/25/1996
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		3653.4974684225738641949883227
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	SOUTHERN CALIFORNIA EDISON	
RP Address:	2244 WALNUT GROVE AVE, ROSEMEAD CA 91770	
Program:	LUST	
Lat/Long:	34.0399704 / -1	
Local Agency Staff:	Not reported	

MONTEBELLO SERVICE CENTER (Continued) **S101297592**

Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

CORTESE:

Name:	MONTEBELLO SERVICE CENTER
Address:	1000 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91755
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603703289
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

J48 **SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CE** **LUST** **S103619840**
ESE **1000 POTRERO GRANDE DRIVE EAST** **Cortese** **N/A**
1/8-1/4 **MONTEREY PARK, CA 91755** **HIST CORTESE**
0.159 mi. **NPDES**
840 ft. **Site 8 of 16 in cluster J** **LA Co. Site Mitigation**
CERS

Relative:
Lower

Actual:
361 ft.

LUST:

Name:	SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER
Address:	1000 POTRERO GRANDE DRIVE EAST
City,State,Zip:	MONTEREY PARK, CA 91755
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000004493
Global Id:	T10000004493
Latitude:	34.0393927201702
Longitude:	-118.10690082439
Status:	Completed - Case Closed
Status Date:	01/22/2019
Case Worker:	AJL
RB Case Number:	I-07315A
Local Agency:	LOS ANGELES COUNTY
File Location:	Not reported
Local Case Number:	006998-007315

SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER (Continued) **S103619840**

Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T10000004493
Contact Type: Local Agency Caseworker
Contact Name: PHILLIP GHARIBIANS-TABRIZI
Organization Name: LOS ANGELES COUNTY
Address: 900 S. FREMONT AVE.
City: ALHAMBRA
Email: pgharibians@dpw.lacounty.gov
Phone Number: Not reported

Global Id: T10000004493
Contact Type: Regional Board Caseworker
Contact Name: AHMAD J. LAMAA
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 West 4th Street Suite 200
City: Los Angeles
Email: alamaa@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T10000004493
Action Type: Other
Date: 01/04/2002
Action: Leak Began

Global Id: T10000004493
Action Type: ENFORCEMENT
Date: 02/01/2013
Action: Staff Letter

Global Id: T10000004493
Action Type: ENFORCEMENT
Date: 12/13/2012
Action: Referral to Regional Board

Global Id: T10000004493
Action Type: ENFORCEMENT
Date: 07/09/2018
Action: Notification - Public Notice of Case Closure

Global Id: T10000004493
Action Type: Other
Date: 01/04/2002
Action: Leak Stopped

Global Id: T10000004493
Action Type: RESPONSE
Date: 07/11/2014
Action: Conceptual Site Model

Global Id: T10000004493
Action Type: ENFORCEMENT
Date: 10/31/2018

SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER (Continued) **S103619840**

Action: State Water Board Closure Order - #WQ 2018-0035-UST

Global Id: T10000004493
Action Type: ENFORCEMENT
Date: 01/22/2019
Action: Closure/No Further Action Letter

Global Id: T10000004493
Action Type: Other
Date: 01/04/2002
Action: Leak Discovery

Global Id: T10000004493
Action Type: Other
Date: 01/12/2012
Action: Leak Reported

Global Id: T10000004493
Action Type: RESPONSE
Date: 03/01/2013
Action: Other Report / Document

Global Id: T10000004493
Action Type: RESPONSE
Date: 12/12/2016
Action: Request for Closure - Regulator Responded

LUST:
Global Id: T10000004493
Status: Open - Case Begin Date
Status Date: 01/04/2002

Global Id: T10000004493
Status: Open - Site Assessment
Status Date: 12/18/2012

Global Id: T10000004493
Status: Open - Eligible for Closure
Status Date: 06/10/2016

Global Id: T10000004493
Status: Completed - Case Closed
Status Date: 01/22/2019

Name: MONTEBELLO SERVICE CENTER
Address: 1000 POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91755
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703289
Global Id: T0603703289
Latitude: 34.0399704
Longitude: -118.1076016
Status: Completed - Case Closed
Status Date: 09/25/1996
Case Worker: YR

SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER (Continued) **S103619840**

RB Case Number: I-07315
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0603703289
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603703289
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603703289
Action Type: Other
Date: 12/27/1989
Action: Leak Reported

LUST:
Global Id: T0603703289
Status: Open - Case Begin Date
Status Date: 11/14/1988

Global Id: T0603703289
Status: Open - Site Assessment
Status Date: 11/14/1988

Global Id: T0603703289
Status: Completed - Case Closed
Status Date: 09/25/1996

CORTESE:
Name: SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER
Address: 1000 POTRERO GRANDE DRIVE EAST
City,State,Zip: MONTEREY PARK, CA 91755
Region: CORTESE
Envirostor Id: Not reported
Global ID: T10000004493
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED

SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER (Continued) **S103619840**

Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	MONTEBELLO SERVICE CENTER
edr_fadd1:	1000 POTRERO GRANDE
City,State,Zip:	MONTEREY PARK, CA 91754
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	I-07315

NPDES:

Name:	MONTEBELLO SERVICE CENTER
Address:	1000 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91754
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 19W000934
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Expired
Status Date:	11/09/2012
Operator Name:	Southern California Edison
Operator Address:	2244 Walnut Grove Ave GO 1 Quad 2C
Operator City:	Rosemead
Operator State:	California
Operator Zip:	91770

SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER (Continued) **S103619840**

LA Co. Site Mitigation:
Name: SOUTHERN CAL. EDISON/MONTEBELO
Address: 1000 POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91754
Facility ID: FA0021167
Status: Not reported
Site ID: SD0010429
Jurisdiction: State
Case ID: RO0010429
Abated: Yes
Assigned To: Kim Clark
Entered Date: 05/11/2004
Abated Date: 10/01/1991

CERS:
Name: MONTEBELLO SERVICE CENTER
Address: 1000 POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91755
Site ID: 204818
CERS ID: T0603703289
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

J49 **SCE MONTEBELLO SERVICE CENTER** **CERS HAZ WASTE** **S101583010**
ESE **1000 POTRERO GRANDE DR** **SWEEPS UST** **N/A**
1/8-1/4 **MONTEREY PARK, CA 91770** **CERS TANKS**
0.159 mi. **CA FID UST**
840 ft. **Site 9 of 16 in cluster J** **NPDES**
CERS

Relative:
Lower

Actual:
361 ft.

CERS HAZ WASTE:
Name: SCE MONTEBELLO SERVICE CENTER
Address: 1000 POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91770
Site ID: 155272
CERS ID: 10159499

SCE MONTEBELLO SERVICE CENTER (Continued) **S101583010**

CERS Description: Hazardous Waste Generator

SWEEPS UST:

Name:	SOUTHERN CALIFORNIA EDISON
Address:	1000 POTRERO GRANDE DR
City:	MONTEREY PARK
Status:	Active
Comp Number:	7315
Number:	9
Board Of Equalization:	44-007438
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-007315-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	3

Name:	SOUTHERN CALIFORNIA EDISON
Address:	1000 POTRERO GRANDE DR
City:	MONTEREY PARK
Status:	Active
Comp Number:	7315
Number:	9
Board Of Equalization:	44-007438
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-007315-000002
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

Name:	SOUTHERN CALIFORNIA EDISON
Address:	1000 POTRERO GRANDE DR
City:	MONTEREY PARK
Status:	Active
Comp Number:	7315
Number:	9
Board Of Equalization:	44-007438
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-007315-000003
Tank Status:	A
Capacity:	Not reported

SCE MONTEBELLO SERVICE CENTER (Continued) **S101583010**

Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

CERS TANKS:
Name: SCE MONTEBELLO SERVICE CENTER
Address: 1000 POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91770
Site ID: 155272
CERS ID: 10159499
CERS Description: Aboveground Petroleum Storage

CA FID UST:
Facility ID: 19002218
Regulated By: UTNKA
Regulated ID: 00022217
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8180000000
Mail To: Not reported
Mailing Address: 1000 BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: MONTEREY PARK
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

NPDES:
Name: MONTEBELLO SERVICE CENTER PAVING
Address: 1000 POTRERO GRANDE DRIVE
City,State,Zip: MONTEREY PARK, CA 91770
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 4 19W001381
Regulatory Measure Type: Construction
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported

SCE MONTEBELLO SERVICE CENTER (Continued) **S101583010**

Status:	Expired
Status Date:	10/27/2013
Operator Name:	Southern California Edison
Operator Address:	2244 Walnut Grove Ave GO 1 Quad 2C
Operator City:	Rosemead
Operator State:	California
Operator Zip:	91770

CERS:

Name:	SCE MONTEBELLO SERVICE CENTER
Address:	1000 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91770
Site ID:	155272
CERS ID:	T10000004493
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Violations:

Site ID:	155272
Site Name:	SCE Montebello Service Center
Violation Date:	10-20-2014
Citation:	22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description:	Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes:	Returned to compliance on 01/28/2015. OBSERVATION: The Owner/Operator failed to properly train personnel who handle hazardous waste. All employees shall be trained within six months of assignment and take part in an annual review of the initial training received. At a minimum, the training program shall be designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems, including where applicable: 1) procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment; 2) key parameters for automatic waste feed cut-off systems; 3) communications or alarm systems; 4) response to fires or explosions; 5) response to ground-water contamination incidents; and 6) shutdown of operations. The owner or operator shall maintain the following documents and records at the facility: 1) the job title for each position at the facility related to hazardous waste

SCE MONTEBELLO SERVICE CENTER (Continued) **S101583010**

	management, and [Truncated]
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	155272
Site Name:	SCE Montebello Service Center
Violation Date:	10-20-2014
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to test or inspect aboveground tanks for integrity by a person qualified in accordance with industry standards.
Violation Notes:	Returned to compliance on 06/08/2015. Integrity testing methodology not identified within the SPCC and documented as performed for the 250 gallon waste oil tank. However, hazardous waste tank assesment was performed for this tank in 2014 and passed certifiation.. Industrial standard used to certify 250 gallon waste oil tank not documented in the SPCC. (fill hoses outside secondary contaniment but may not be required, active measures maybe be sufficient- informational only)
Violation Division:	Los Angeles County Fire Department
Violation Program:	APSA
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-01-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Brett Koontz, Environmental Advisor Observed no significant violation on site at time of inspection.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-01-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Brett Koontz, Environmental Advisor Observed no significant violation on site at time of inspection.
Eval Division:	Los Angeles County Fire Department
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-08-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-20-2014
Violations Found:	No
Eval Type:	Routine done by local agency

SCE MONTEBELLO SERVICE CENTER (Continued) **S101583010**

Eval Notes:	Mitchell Oda (Safety & Environmental Specialist) Observed no significant violations on site at time of inspection.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-20-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Mitchell Oda (Safety & Environemental Specialist)
Eval Division:	Los Angeles County Fire Department
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-01-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Brett Koontz, Environmental Advisor Observed no significant violation on site at time of inspection.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-28-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-20-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Mitchell Oda (Safety & Environmental Specialist)
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,

Coordinates:

Site ID:	155272
Facility Name:	SCE Montebello Service Center
Env Int Type Code:	HWG
Program ID:	10159499
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	34.039600
Longitude:	-118.108110

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Roslyn Woods

SCE MONTEBELLO SERVICE CENTER (Continued) **S101583010**

Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: PHILLIP GHARIBIANS-TABRIZI - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S. FREMONT AVE.
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Southern California Edison, Transmission and Distribution Organization (TD)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: AHMAD J. LAMAA - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 West 4th Street Suite 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Environmental Notification Center
Entity Title: Not reported
Affiliation Address: P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City: Rosemead
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91770
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Southern California Edison
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

SCE MONTEBELLO SERVICE CENTER (Continued) **S101583010**

Affiliation Phone:	(626) 302-1212,
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91770
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Roslyn Woods
Entity Title:	Consultant
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Southern California Edison
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91770
Affiliation Phone:	(626) 302-1212,
Affiliation Type Desc:	Property Owner
Entity Name:	Southern California Edison
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91770
Affiliation Phone:	(626) 302-1212,
Name:	OPERATING INDUSTRIES INC
Address:	1000 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91755
Site ID:	484490

SCE MONTEBELLO SERVICE CENTER (Continued) **S101583010**

CERS ID: 110014001089
CERS Description: US EPA Air Emission Inventory System (EIS)

Name: SCE MONTEBELLO SERVICE CENTER
Address: 1000 POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91770
Site ID: 155272
CERS ID: 10159499
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 155272
Site Name: SCE Montebello Service Center
Violation Date: 10-20-2014
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes: Returned to compliance on 01/28/2015. OBSERVATION: The Owner/Operator failed to properly train personnel who handle hazardous waste. All employees shall be trained within six months of assignment and take part in an annual review of the initial training received. At a minimum, the training program shall be designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems, including where applicable: 1) procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment; 2) key parameters for automatic waste feed cut-off systems; 3) communications or alarm systems; 4) response to fires or explosions; 5) response to ground-water contamination incidents; and 6) shutdown of operations. The owner or operator shall maintain the following documents and records at the facility: 1) the job title for each position at the facility related to hazardous waste management, and [Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 155272
Site Name: SCE Montebello Service Center

SCE MONTEBELLO SERVICE CENTER (Continued) **S101583010**

Violation Date: 10-20-2014
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to test or inspect aboveground tanks for integrity by a person qualified in accordance with industry standards.
Violation Notes: Returned to compliance on 06/08/2015. Integrity testing methodology not identified within the SPCC and documented as performed for the 250 gallon waste oil tank. However, hazardous waste tank assesment was performed for this tank in 2014 and passed certifiation.. Industrial standard used to certify 250 gallon waste oil tank not documented in the SPCC. (fill hoses outside secondary contaniment but may not be required, active measures maybe be sufficient- informational only)
Violation Division: Los Angeles County Fire Department
Violation Program: APSA
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-01-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Brett Koontz, Environmental Advisor Observed no significant violation on site at time of inspection.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-01-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Brett Koontz, Environmental Advisor Observed no significant violation on site at time of inspection.
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-08-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-20-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Mitchell Oda (Safety & Environmental Specialist) Observed no significant violations on site at time of inspection.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

SCE MONTEBELLO SERVICE CENTER (Continued) **S101583010**

Eval Date: 10-20-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Mitchell Oda (Safety & Environemental Specialist)
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-01-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Brett Koontz, Environmental Advisor Observed no significant violation on site at time of inspection.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-28-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-20-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Mitchell Oda (Safety & Environmental Specialist)
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 155272
Facility Name: SCE Montebello Service Center
Env Int Type Code: HWG
Program ID: 10159499
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 34.039600
Longitude: -118.108110

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Roslyn Woods
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

SCE MONTEBELLO SERVICE CENTER (Continued) **S101583010**

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	PHILLIP GHARIBIANS-TABRIZI - LOS ANGELES COUNTY
Entity Title:	Not reported
Affiliation Address:	900 S. FREMONT AVE.
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Parent Corporation
Entity Name:	Southern California Edison, Transmission and Distribution Organization (TD)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	AHMAD J. LAMAA - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 West 4th Street Suite 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Environmental Notification Center
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91770
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	Southern California Edison
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 302-1212,

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA

SCE MONTEBELLO SERVICE CENTER (Continued) **S101583010**

Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91770
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Roslyn Woods
Entity Title:	Consultant
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Southern California Edison
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91770
Affiliation Phone:	(626) 302-1212,
Affiliation Type Desc:	Property Owner
Entity Name:	Southern California Edison
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91770
Affiliation Phone:	(626) 302-1212,

J50 **MONTEREY PARK DISTRICT OFF/SC** **HIST UST** **U001569893**
ESE **1000 POTRERO GRANDE DR** **N/A**
1/8-1/4 **MONTEREY PARK, CA 91754**
0.159 mi.
840 ft. **Site 10 of 16 in cluster J**

Relative: HIST UST:
Lower

Name:	MONTEREY PARK DISTRICT OFF/SC
Address:	1000 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91754
File Number:	Not reported
URL:	Not reported
Region:	STATE

Actual:
361 ft.

MONTEREY PARK DISTRICT OFF/SC (Continued) **U001569893**

Facility ID:	00000022217
Facility Type:	Other
Other Type:	ELECTRIC UTILITY
Contact Name:	SUPERVISOR
Telephone:	8185721801
Owner Name:	SOUTHERN CALIFORNIA EDISON CO.
Owner Address:	2244 WALNUT GROVE AVENUE
Owner City,St,Zip:	ROSEMEAD, CA 91770
Total Tanks:	0003
Tank Num:	001
Container Num:	273
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	274
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	363
Year Installed:	1984
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

J51 **SCE - MONTEBELLO SERVICE CNTR** **UST** **U004050602**
ESE **1000 POTRERO GRANDE DR** **N/A**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.159 mi.
840 ft. **Site 11 of 16 in cluster J**

Relative: UST:
Lower

Actual: Name: SCE - MONTEBELLO SERVICE CNTR
361 ft. Address: 1000 POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91755
Facility ID: 7315
Permitting Agency: LOS ANGELES COUNTY
CERSID: Not reported
Latitude: 34.03895
Longitude: -118.10963

UST CLOSURE:
Name: SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER
Address: 1000 POTRERO GRANDE DRIVE EAST
City,State,Zip: MONTEREY PARK, CA 91755

SCE - MONTEBELLO SERVICE CNTR (Continued) **U004050602**

Claim Number:	Case No. I-07315A
Type:	Closure Denials and Approved Orders
Deadline Date:	9/14/2018
Documents:	1000 Potrero Grande Drive East, Monterey Park, CA 91755Notice, 1000 Potrero Grande Drive East, Monterey Park, CA 91755Draft Order, 1000 Potrero Grande Drive East, Monterey Park, CA 91755Summary
Comments:	No Comments Received
Comments URL:	Not reported
Response:	Not reported
Response URL:	Not reported
Comments2:	Not reported
Comments2 URL:	Not reported
Response2:	Not reported
Response2 URL:	Not reported
Closure:	No Comments ReceivedWQ 2018-0035-UST (10/31/2018)
Closure URL:	https://www.waterboards.ca.gov/water_issues/programs/ustcf/docs/prop_closure_cases/t10000004493_finalorder.pdf
Uniform:	No Comments ReceivedWQ 2018-0035-UST (10/31/2018)Uniform Closure Letter (01/22/2019
Uniform URL:	https://www.waterboards.ca.gov/water_issues/programs/ustcf/docs/prop_closure_cases/T10000004493_ucl.pdf

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J52 **SCE MONTEBELLO SERVICE CTR** **RCRA-LQG** **1011861636**
ESE **1000 E POTRERO GRANDE DR** **CAR000195891**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.159 mi.
840 ft. **Site 12 of 16 in cluster J**

Relative: RCRA-LQG:
Lower

Actual: Date Form Received by Agency:	20101207
361 ft. Handler Name:	SCE MONTEBELLO SERVICE CTR
Handler Address:	1000 E POTRERO GRANDE DR
Handler City,State,Zip:	MONTEREY PARK, CA 91755
EPA ID:	CAR000195891
Contact Name:	SARA M DUVALL
Contact Address:	PO BOX 800
Contact City,State,Zip:	ROSEMEAD, CA 91770
Contact Telephone:	626-302-4187
Contact Fax:	626-302-2031
Contact Email:	SARA.DUVALL@SCE.COM
Contact Title:	TECHNICAL SPEC
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 800
Mailing City,State,Zip:	ROSEMEAD, CA 91770
Owner Name:	SOUTHERN CALIFORNIA EDISON
Owner Type:	Private
Operator Name:	SOUTHERN CALIFORNIA EDISON
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No

SCE MONTEBELLO SERVICE CTR (Continued) **1011861636**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110113
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

SCE MONTEBELLO SERVICE CTR (Continued) **1011861636**

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: D018
Waste Description: BENZENE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

SCE MONTEBELLO SERVICE CTR (Continued) **1011861636**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUTHERN CALIFORNIA EDISON
Legal Status:	Private
Date Became Current:	19750101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 800
Owner/Operator City,State,Zip:	ROSEMEAD, CA 91770
Owner/Operator Telephone:	626-302-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUTHERN CALIFORNIA EDISON
Legal Status:	Private
Date Became Current:	19750101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUTHERN CALIFORNIA EDISON
Legal Status:	Private
Date Became Current:	19750101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 800
Owner/Operator City,State,Zip:	ROSEMEAD, CA 91770
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUTHERN CALIFORNIA EDISON
Legal Status:	Private
Date Became Current:	19750101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20101207
Handler Name:	SCE MONTEBELLO SERVICE CTR
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

SCE MONTEBELLO SERVICE CTR (Continued) **1011861636**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20081010
Handler Name: MONTEBELLO SERVICE CENTER
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J53 **OPERATING INDUSTRIES, INC.** **ODI** **1007443879**
ESE **1000 POTRERO GRANDE DRIVE** **N/A**
1/8-1/4 **MONTEREY PARK, CA**
0.159 mi.
840 ft. **Site 13 of 16 in cluster J**

Relative: ODI:
Lower Non Compliance Category: 06 07 08 11
Latitude: 34 02 00
Actual: Longitude: 118 05 00
361 ft.

J54 **SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENT** **RCRA-SQG** **1007199103**
ESE **1000 POTRERO GRANDE DR** **FINDS** **CAD980881775**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.159 mi.
840 ft. **Site 14 of 16 in cluster J**

Relative: RCRA-SQG:
Lower Date Form Received by Agency: 20060301
Handler Name: SO CAL EDISON MONTEBELLO CSO/AUTO
Actual: Handler Address: 1000 POTRERO GRANDE DR.
361 ft. Handler City,State,Zip: MONTEREY PARK, CA 91755
EPA ID: CAD980881775
Contact Name: STAN L MARSH

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **1007199103**

Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	626-302-9711
Contact Fax:	Not reported
Contact Email:	STANLEY.MARSH@SCE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2244 WALNUT GROVE AVE.
Mailing City,State,Zip:	ROSEMEAD, CA 91770
Owner Name:	SOUTHER CALIFORNIA EDISON CO
Owner Type:	Private
Operator Name:	SOUTHERN CALIFORNIA EDISON CO
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **1007199103**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20070305
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **1007199103**

MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U210
Waste Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUTHERN CALIFORNIA EDISON CO
Legal Status:	Private
Date Became Current:	19200101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUTHER CALIFORNIA EDISON CO
Legal Status:	Private
Date Became Current:	19200101
Date Ended Current:	Not reported
Owner/Operator Address:	2244 WALNUT GROVE AVE.
Owner/Operator City,State,Zip:	ROSEMEAD, CA 91770
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUTHER CALIFORNIA EDISON CO
Legal Status:	Private
Date Became Current:	19200101
Date Ended Current:	Not reported
Owner/Operator Address:	2244 WALNUT GROVE AVE.
Owner/Operator City,State,Zip:	ROSEMEAD, CA 91770
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **1007199103**

Owner/Operator Indicator: Operator
Owner/Operator Name: SOUTHERN CALIFORNIA EDISON CO
Legal Status: Private
Date Became Current: 19200101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20060301
Handler Name: SO CAL EDISON MONTEBELLO CSO/AUTO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960227
Handler Name: SOUTHERN CALIFORNIA EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19990304
Handler Name: MONTEBELLO CSO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060301
Handler Name: SO CAL EDISON MONTEBELLO CSO/AUTO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **1007199103**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 2211
NAICS Description: ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION

NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110055851993

Click Here:

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

J55 **AST** **A100344343**
ESE **1000 POTRERO GRANDE DR** **N/A**
1/8-1/4 **MONTEREY PARK, CA**
0.159 mi.
840 ft. **Site 15 of 16 in cluster J**

Relative: AST:
Lower
Actual: Name: Not reported
361 ft. Address: 1000 POTRERO GRANDE DR
City/Zip: MONTEREY PARK,
Certified Unified Program Agencies: Los Angeles County
Owner: SO CAL EDISON (MONTEBELLO)
Total Gallons: 3702
CERSID: Not reported
Facility ID: Not reported
Business Name: Not reported
Phone: Not reported
Fax: Not reported
Mailing Address: Not reported
Mailing Address City: Not reported
Mailing Address State: Not reported
Mailing Address Zip Code: Not reported
Operator Name: Not reported
Operator Phone: Not reported

(Continued) **A100344343**

Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

J56 **SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENT** **AST** **S113178712**
ESE **1000 POTRERO GRANDE DR** **HIST UST** **N/A**
1/8-1/4 **MONTEREY PARK, CA 91755** **HAZNET**
0.159 mi. **CERS**
841 ft. **Site 16 of 16 in cluster J** **HWTS**

Relative: **Lower**
Actual: **361 ft.**

AST:

Name:	SCE MONTEBELLO SERVICE CENTER
Address:	1000 POTRERO GRANDE DR
City/Zip:	MONTEREY PARK,91755
Certified Unified Program Agencies:	Not reported
Owner:	Southern California Edison
Total Gallons:	Not reported
CERSID:	10159499
Facility ID:	LACoFA0021167
Business Name:	Southern California Edison, Transmission and Distribution Organization (TD)
Phone:	(626) 302-1212
Fax:	Not reported
Mailing Address:	P.O. Box 800 (Attn: CES Compliance Gateway 6040)
Mailing Address City:	Rosemead
Mailing Address State:	CA
Mailing Address Zip Code:	91770
Operator Name:	Southern California Edison
Operator Phone:	(626) 302-1212
Owner Phone:	(626) 302-1212
Owner Mail Address:	P.O. Box 800 (Attn: CES Compliance Gateway 6040)
Owner State:	CA
Owner Zip Code:	91770
Owner Country:	United States
Property Owner Name:	Southern California Edison
Property Owner Phone:	(626) 302-1212
Property Owner Mailing Address:	P.O. Box 800 (Attn: CES Compliance Gateway 6040)
Property Owner City:	Rosemead
Property Owner Stat :	CA
Property Owner Zip Code:	91770
Property Owner Country:	United States
EPAID:	CAR000195891

HIST UST:

Name:	MONTETEY PARK DISTRICT OFF/SC
Address:	1000 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91754
File Number:	00028726

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028726.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

HAZNET:

Name:	SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER
Address:	1000 POTRERO GRANDE DR
Address 2:	Not reported
City,State,Zip:	MONTEREY PARK, CA 917700000
Contact:	SARA M. DUVALL
Telephone:	6268628458
Mailing Name:	Not reported
Mailing Address:	PO BOX 800
Year:	2019
Gepaid:	CAR000195891
TSD EPA ID:	CAD050806850
CA Waste Code:	261 - Polychlorinated biphenyls and material containing PCBs
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	2.75970
Year:	2019
Gepaid:	CAR000195891
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.00000
Year:	2019
Gepaid:	CAR000195891
TSD EPA ID:	CAD050806850
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.18500

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Year: 2019
Gepaid: CAR000195891
TSD EPA ID: CAD050806850
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 21.47050

Year: 2019
Gepaid: CAR000195891
TSD EPA ID: CAD050806850
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.13500

Year: 2019
Gepaid: CAR000195891
TSD EPA ID: CAD050806850
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 3.77500

Year: 2019
Gepaid: CAR000195891
TSD EPA ID: CAD050806850
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.02500

Year: 2019
Gepaid: CAR000195891
TSD EPA ID: CAD050806850
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.01000

Year: 2019
Gepaid: CAR000195891
TSD EPA ID: CAT080013352
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.10500

Year: 2019
Gepaid: CAR000195891
TSD EPA ID: CAD050806850
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.03500

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Click this hyperlink while viewing on your computer to access
132 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2010
Gen EPA ID:	CAR000195891
Shipment Date:	20101217
Creation Date:	3/31/2011 18:30:21
Receipt Date:	20101217
Manifest ID:	003945922FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101217
Creation Date:	3/31/2011 18:30:21
Receipt Date:	20101217
Manifest ID:	003945936FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	10.8675
Waste Quantity:	21735
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Shipment Date:	20101217
Creation Date:	3/31/2011 18:30:21
Receipt Date:	20101217
Manifest ID:	003945922FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.5035
Waste Quantity:	1007
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20101210
Creation Date:	3/31/2011 18:30:08
Receipt Date:	20101210
Manifest ID:	003945847FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.902
Waste Quantity:	5804
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20101210
Creation Date:	3/31/2011 18:30:08
Receipt Date:	20101210
Manifest ID:	003945847FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.92
Waste Quantity:	1840
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101210
Creation Date:	3/31/2011 18:30:21
Receipt Date:	20101210
Manifest ID:	003945846FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101210
Creation Date:	3/31/2011 18:30:21
Receipt Date:	20101210
Manifest ID:	003945846FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101203
Creation Date:	4/27/2011 18:30:26
Receipt Date:	20101203
Manifest ID:	003945769FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.2795
Waste Quantity:	2559
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101203
Creation Date:	4/27/2011 18:30:26
Receipt Date:	20101203
Manifest ID:	003945769FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	731 - Liquids with polychlorinated biphenyls > 50 mg/l
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.14987
Waste Quantity:	136
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101203
Creation Date:	4/27/2011 18:30:26
Receipt Date:	20101203
Manifest ID:	003945769FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.781
Waste Quantity:	1562
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAR000195891
Shipment Date:	20171219
Creation Date:	8/3/2018 18:30:42
Receipt Date:	20171220
Manifest ID:	017740389JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.513
Waste Quantity:	135
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Shipment Date:	20171218
Creation Date:	8/7/2018 18:30:18
Receipt Date:	20171218
Manifest ID:	009976633FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.69
Waste Quantity:	1380
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171218
Creation Date:	7/16/2018 18:30:44
Receipt Date:	20171218
Manifest ID:	009976634FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.16
Waste Quantity:	2320
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171218
Creation Date:	7/16/2018 18:30:44
Receipt Date:	20171218
Manifest ID:	009976634FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	5.858
Waste Quantity:	11716
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171218
Creation Date:	8/7/2018 18:30:18
Receipt Date:	20171218
Manifest ID:	009976633FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.345
Waste Quantity:	690
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171218
Creation Date:	7/16/2018 18:30:44
Receipt Date:	20171218
Manifest ID:	009976623FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171218
Creation Date:	7/16/2018 18:30:44
Receipt Date:	20171218
Manifest ID:	009976623FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171218
Creation Date:	7/16/2018 18:30:44
Receipt Date:	20171218
Manifest ID:	009976634FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.645
Waste Quantity:	1290
Quantity Unit:	P
Additional Code 1:	Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171218
Creation Date:	8/7/2018 18:30:18
Receipt Date:	20171218
Manifest ID:	009976633FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.765
Waste Quantity:	5530
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171211
Creation Date:	8/7/2018 18:30:26
Receipt Date:	20171211
Manifest ID:	009976169FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.5175
Waste Quantity:	1035
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Gen EPA ID:	CAR000195891
Shipment Date:	20111230
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	004958806FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.18403
Waste Quantity:	167
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111230
Creation Date:	7/19/2012 22:00:21
Receipt Date:	20111230
Manifest ID:	004958806FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	731 - Liquids with polychlorinated biphenyls > 50 mg/l
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.31517
Waste Quantity:	286
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111230
Creation Date:	7/19/2012 22:00:21
Receipt Date:	20111230
Manifest ID:	004958806FLE
Trans EPA ID:	MAD039322250

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.475
Waste Quantity:	950
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111230
Creation Date:	7/19/2012 22:00:21
Receipt Date:	20111230
Manifest ID:	004958806FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.925
Waste Quantity:	1850
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111230
Creation Date:	7/19/2012 22:00:21
Receipt Date:	20111230
Manifest ID:	004958806FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Waste Code Description:	731 - Liquids with polychlorinated biphenyls > 50 mg/l
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.7174
Waste Quantity:	651
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111230
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	004958806FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	731 - Liquids with polychlorinated biphenyls > 50 mg/l
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03196
Waste Quantity:	29
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111230
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	004958806FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02645
Waste Quantity:	24
Quantity Unit:	K

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111230
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	004958806FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.419
Waste Quantity:	838
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111223
Creation Date:	7/19/2012 22:00:21
Receipt Date:	20111223
Manifest ID:	004958725FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.728
Waste Quantity:	1456
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111223

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Creation Date:	7/19/2012 22:00:21
Receipt Date:	20111223
Manifest ID:	004958725FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.9305
Waste Quantity:	3861
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAR000195891
Shipment Date:	20121228
Creation Date:	3/13/2013 22:15:38
Receipt Date:	20121228
Manifest ID:	005681234FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121228
Creation Date:	3/13/2013 22:15:38
Receipt Date:	20121228
Manifest ID:	005681234FLE

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.68
Waste Quantity:	1360
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121221
Creation Date:	3/13/2013 22:15:38
Receipt Date:	20121221
Manifest ID:	005681192FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	18.845
Waste Quantity:	37690
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121221
Creation Date:	3/13/2013 22:15:38
Receipt Date:	20121221
Manifest ID:	005681185FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121221
Creation Date:	3/13/2013 22:15:38
Receipt Date:	20121221
Manifest ID:	005681185FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.559
Waste Quantity:	5118
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121221
Creation Date:	3/13/2013 22:15:38
Receipt Date:	20121221
Manifest ID:	005681185FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	8.194
Waste Quantity:	16388

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121214
Creation Date:	3/21/2013 22:15:06
Receipt Date:	20121214
Manifest ID:	005681122FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.936
Waste Quantity:	1872
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121214
Creation Date:	3/21/2013 22:15:06
Receipt Date:	20121214
Manifest ID:	005681122FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	3.267
Waste Quantity:	6534
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Shipment Date:	20121214
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005681122FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.051
Waste Quantity:	102
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121214
Creation Date:	3/21/2013 22:15:06
Receipt Date:	20121214
Manifest ID:	005681122FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.3
Waste Quantity:	2600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAR000195891

Shipment Date:	20131227
Creation Date:	3/21/2014 22:15:11
Receipt Date:	20131227

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Manifest ID:	006793617FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	3.9465
Waste Quantity:	7893
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131227
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006793614FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	731 - Liquids with polychlorinated biphenyls > 50 mg/l
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15538
Waste Quantity:	141
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131227
Creation Date:	3/21/2014 22:15:11
Receipt Date:	20131227
Manifest ID:	006793617FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.825
Waste Quantity:	1650
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131227
Creation Date:	3/18/2014 22:15:05
Receipt Date:	20131227
Manifest ID:	006793614FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.05
Waste Quantity:	2100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131227
Creation Date:	3/18/2014 22:15:05
Receipt Date:	20131227
Manifest ID:	006793614FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.75

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Waste Quantity:	1500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131227
Creation Date:	3/18/2014 22:15:05
Receipt Date:	20131227
Manifest ID:	006793614FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	14
Waste Quantity:	28000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131227
Creation Date:	3/18/2014 22:15:05
Receipt Date:	20131227
Manifest ID:	006793614FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.225
Waste Quantity:	2450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Shipment Date:	20131220
Creation Date:	3/21/2014 22:15:11
Receipt Date:	20131220
Manifest ID:	006793528FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	3.5
Waste Quantity:	7000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131220
Creation Date:	3/21/2014 22:15:11
Receipt Date:	20131220
Manifest ID:	006793528FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.013
Waste Quantity:	26
Quantity Unit:	P
Additional Code 1:	D039
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131220
Creation Date:	3/21/2014 22:15:11
Receipt Date:	20131220
Manifest ID:	006793528FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 151 - Asbestos-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.024
Waste Quantity: 48
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2014
Gen EPA ID: CAR000195891

Shipment Date: 20141219
Creation Date: 3/3/2015 22:14:59
Receipt Date: 20141224
Manifest ID: 013700157JJK
Trans EPA ID: CAL000330453
Trans Name: CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons: 0.126
Waste Quantity: 30
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20141219
Creation Date: 3/27/2015 22:15:11
Receipt Date: 20141219
Manifest ID: 007579423FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141219
Creation Date:	3/27/2015 22:15:11
Receipt Date:	20141219
Manifest ID:	007579423FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	3.2545
Waste Quantity:	6509
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141219
Creation Date:	3/27/2015 22:15:11
Receipt Date:	20141219
Manifest ID:	007579423FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	731 - Liquids with polychlorinated biphenyls > 50 mg/l
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Quantity Tons:	0.08485
Waste Quantity:	77
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141219
Creation Date:	3/27/2015 22:15:11
Receipt Date:	20141219
Manifest ID:	007579417FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	731 - Liquids with polychlorinated biphenyls > 50 mg/l
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15538
Waste Quantity:	141
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141219
Creation Date:	3/27/2015 22:15:11
Receipt Date:	20141219
Manifest ID:	007579417FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.225
Waste Quantity:	2450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Additional Code 5:	Not reported
Shipment Date:	20141219
Creation Date:	3/27/2015 22:15:11
Receipt Date:	20141219
Manifest ID:	007579417FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	11.2015
Waste Quantity:	22403
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141219
Creation Date:	3/27/2015 22:15:11
Receipt Date:	20141219
Manifest ID:	007579423FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141212
Creation Date:	3/3/2015 22:15:07
Receipt Date:	20141212
Manifest ID:	007579343FLE
Trans EPA ID:	MAD039322250

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	12.605
Waste Quantity:	25210
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141212
Creation Date:	3/3/2015 22:15:07
Receipt Date:	20141212
Manifest ID:	007579345FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.476
Waste Quantity:	4952
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAR000195891
Shipment Date:	20151218
Creation Date:	3/2/2016 22:15:29
Receipt Date:	20151218
Manifest ID:	008790365FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151218
Creation Date:	3/2/2016 22:15:29
Receipt Date:	20151218
Manifest ID:	008790365FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.975
Waste Quantity:	3950
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151218
Creation Date:	3/2/2016 22:15:29
Receipt Date:	20151218
Manifest ID:	008790365FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151218
Creation Date:	3/2/2016 22:15:29
Receipt Date:	20151218
Manifest ID:	008790365FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	7.6845
Waste Quantity:	15369
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151211
Creation Date:	3/2/2016 22:15:29
Receipt Date:	20151211
Manifest ID:	008790219FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151211
Creation Date:	3/2/2016 22:15:29
Receipt Date:	20151211
Manifest ID:	008790219FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.8
Waste Quantity:	3600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151211
Creation Date:	3/2/2016 22:15:29
Receipt Date:	20151211
Manifest ID:	008790219FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	5.894
Waste Quantity:	11788
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151211
Creation Date:	3/2/2016 22:15:29
Receipt Date:	20151211
Manifest ID:	008790283FLE

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.625
Waste Quantity:	1250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151211
Creation Date:	3/2/2016 22:15:29
Receipt Date:	20151211
Manifest ID:	008790283FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	12.4055
Waste Quantity:	24811
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151211
Creation Date:	3/2/2016 22:15:29
Receipt Date:	20151211
Manifest ID:	008790283FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.22
Waste Quantity: 440
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2015
Gen EPA ID: CAR000195891

Shipment Date: 20151218
Creation Date: 3/2/2016 22:15:29
Receipt Date: 20151218
Manifest ID: 008790365FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.4
Waste Quantity: 800
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151218
Creation Date: 3/2/2016 22:15:29
Receipt Date: 20151218
Manifest ID: 008790365FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	7.6845
Waste Quantity:	15369
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151218
Creation Date:	3/2/2016 22:15:29
Receipt Date:	20151218
Manifest ID:	008790365FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.975
Waste Quantity:	3950
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151218
Creation Date:	3/2/2016 22:15:29
Receipt Date:	20151218
Manifest ID:	008790365FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151211
Creation Date:	3/2/2016 22:15:29
Receipt Date:	20151211
Manifest ID:	008790219FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151211
Creation Date:	3/2/2016 22:15:29
Receipt Date:	20151211
Manifest ID:	008790219FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.8
Waste Quantity:	3600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151211
Creation Date:	3/2/2016 22:15:29
Receipt Date:	20151211

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Manifest ID:	008790219FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	5.894
Waste Quantity:	11788
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151211
Creation Date:	3/2/2016 22:15:29
Receipt Date:	20151211
Manifest ID:	008790283FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.625
Waste Quantity:	1250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151211
Creation Date:	3/2/2016 22:15:29
Receipt Date:	20151211
Manifest ID:	008790283FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.22
Waste Quantity: 440
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151211
Creation Date: 3/2/2016 22:15:29
Receipt Date: 20151211
Manifest ID: 008790283FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 12.4055
Waste Quantity: 24811
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2009
Gen EPA ID: CAR000195891

Shipment Date: 20091228
Creation Date: 4/12/2010 18:30:08
Receipt Date: 20091228
Manifest ID: 002685709FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.906
Waste Quantity:	5812
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091228
Creation Date:	4/12/2010 18:30:08
Receipt Date:	20091228
Manifest ID:	002685707FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3725
Waste Quantity:	745
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091228
Creation Date:	4/12/2010 18:30:08
Receipt Date:	20091228
Manifest ID:	002685707FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.8955
Waste Quantity:	5791
Quantity Unit:	P
Additional Code 1:	Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091228
Creation Date:	4/12/2010 18:30:08
Receipt Date:	20091228
Manifest ID:	002685706FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091228
Creation Date:	4/12/2010 18:30:08
Receipt Date:	20091228
Manifest ID:	002685706FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.495
Waste Quantity:	990
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091228
Creation Date:	4/12/2010 18:31:28

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Receipt Date:	20091228
Manifest ID:	002685604FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	3.598
Waste Quantity:	7196
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20091228
Creation Date:	4/12/2010 18:30:08
Receipt Date:	20091228
Manifest ID:	002685709FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20091228
Creation Date:	4/12/2010 18:30:08
Receipt Date:	20091228
Manifest ID:	002685706FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.8045
Waste Quantity:	5609
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091228
Creation Date:	4/12/2010 18:31:28
Receipt Date:	20091228
Manifest ID:	002685604FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	731 - Liquids with polychlorinated biphenyls > 50 mg/l
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.91576
Waste Quantity:	831
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091228
Creation Date:	4/12/2010 18:31:28
Receipt Date:	20091228
Manifest ID:	002685604FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Quantity Tons:	0.5495
Waste Quantity:	1099
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAR000195891
Shipment Date:	20081219
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001751222FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.077
Waste Quantity:	154
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081219
Creation Date:	4/8/2009 18:30:38
Receipt Date:	20081219
Manifest ID:	001751222FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0165
Waste Quantity:	33
Quantity Unit:	P

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081219
Creation Date:	4/8/2009 18:30:38
Receipt Date:	20081219
Manifest ID:	001751222FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.009
Waste Quantity:	18
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081219
Creation Date:	4/8/2009 18:30:38
Receipt Date:	20081219
Manifest ID:	001751222FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0985
Waste Quantity:	197
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081219

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Creation Date:	4/8/2009 18:30:38
Receipt Date:	20081219
Manifest ID:	001751222FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20081219
Creation Date:	4/3/2009 18:30:19
Receipt Date:	20081219
Manifest ID:	001751221FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20081219
Creation Date:	4/3/2009 18:30:19
Receipt Date:	20081219
Manifest ID:	001751221FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

TSDF EPA ID: CAD050806850
Trans Name: CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 2.55
Waste Quantity: 5100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081212
Creation Date: 4/3/2009 18:30:27
Receipt Date: 20081212
Manifest ID: 001751159FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 2.7
Waste Quantity: 5400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081212
Creation Date: 4/3/2009 18:30:27
Receipt Date: 20081212
Manifest ID: 001751159FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 261 - Not reported
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.9
Waste Quantity:	1800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081205
Creation Date:	3/31/2009 18:30:22
Receipt Date:	20081205
Manifest ID:	001751075FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	731 - Liquids with polychlorinated biphenyls > 50 mg/l
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.12673
Waste Quantity:	115
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	AT&T CALIFORNIA - E31A5
Address:	1000 1/2 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91755
Site ID:	551762
CERS ID:	10817986
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-19-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Gretchen Munoz - Environmental Site Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	AT&T EH&S Hotline - Option #1
Entity Title:	Not reported

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75202
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75202
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	AT&T California
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(800) 566-9347,
Affiliation Type Desc:	Document Preparer
Entity Name:	Peter Burnell, Sigma Consultants, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Pacific Bell Telephone Company dba AT&T California
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000,

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

Affiliation Type Desc:	Identification Signer
Entity Name:	Jeremy McGrue
Entity Title:	National EPCRA Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	Pacific Bell Telephone Company dba AT&T California
Entity Title:	Not reported
Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75202
Affiliation Phone:	(214) 464-1712,

Affiliation Type Desc:	Property Owner
Entity Name:	Pacific Bell Telephone Company dba AT&T California
Entity Title:	Not reported
Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75202
Affiliation Phone:	(214) 464-1712,

HWTS:

Name:	SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER
Address:	1000 POTRERO GRANDE DR
Address 2:	Not reported
City,State,Zip:	MONTEREY PARK, CA 917557410
EPA ID:	CAR000195891
Inactive Date:	Not reported
Create Date:	11/10/2008
Last Act Date:	09/30/2020
Mailing Name:	Not reported
Mailing Address:	PO BOX 800
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ROSEMEAD, CA 917700000
Owner Name:	SOUTHERN CALIFORNIA EDISON
Owner Address:	PO BOX 800
Owner Address 2:	Not reported
Owner City,State,Zip:	ROSEMEAD, CA 917700000
Contact Name:	SARA M. DUVALL
Contact Address:	P.O. BOX 800
Contact Address 2:	Not reported
City,State,Zip:	ROSEMEAD, CA 91770

NAICS:

EPA ID:	CAR000195891
Create Date:	2009-12-03 12:41:18.000
NAICS Code:	221122

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **S113178712**

NAICS Description:	Electric Power Distribution
Issued EPA ID Date:	2008-11-10 10:18:57
Inactive Date:	Not reported
Facility Name:	SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER
Facility Address:	1000 POTRERO GRANDE DR
Facility Address 2:	Not reported
Facility City:	MONTEREY PARK
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917557410

L57 **ROBERT PERRY** **RCRA NonGen / NLR** **1026483388**
NW **420 ACKLEY ST** **CAC003089458**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.161 mi.
849 ft. **Site 1 of 2 in cluster L**

Relative: **Lower**

Actual: **370 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20201021
Handler Name:	ROBERT PERRY	
Handler Address:		420 ACKLEY ST
Handler City,State,Zip:		MONTEREY PARK, CA 91755
EPA ID:		CAC003089458
Contact Name:		ROBERT PERRY
Contact Address:		420 ACKLEY ST
Contact City,State,Zip:		MONTEREY PARK, CA 91755
Contact Telephone:		714-655-2307
Contact Fax:		Not reported
Contact Email:		SCHEDULING@PWSEI.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		420 ACKLEY ST
Mailing City,State,Zip:		MONTEREY PARK, CA 91755
Owner Name:		ROBERT PERRY
Owner Type:		Other
Operator Name:		ROBERT PERRY
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No

ROBERT PERRY (Continued) **1026483388**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201026
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROBERT PERRY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	420 ACKLEY ST
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	714-655-2307
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ROBERT PERRY (Continued) **1026483388**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROBERT PERRY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	420 ACKLEY ST
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	714-655-2307
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20201021
Handler Name: ROBERT PERRY	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

L58 **ROBERT PERRY** **RCRA NonGen / NLR** **1026482319**
NW **420 ACKLEY ST** **CAC003088356**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.161 mi.
849 ft. **Site 2 of 2 in cluster L**

Relative: **Lower**

Actual: **370 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20201014
Handler Name: ROBERT PERRY	
Handler Address:	420 ACKLEY ST
Handler City,State,Zip:	MONTEREY PARK, CA 91755
EPA ID:	CAC003088356
Contact Name:	ROBERT PERRY
Contact Address:	420 ACKLEY ST
Contact City,State,Zip:	MONTEREY PARK, CA 91755
Contact Telephone:	714-655-2307
Contact Fax:	Not reported
Contact Email:	SCHEDULING@PWSEI.COM
Contact Title:	Not reported

ROBERT PERRY (Continued) **1026482319**

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	420 ACKLEY ST
Mailing City,State,Zip:	MONTEREY PARK, CA 91755
Owner Name:	ROBERT PERRY
Owner Type:	Other
Operator Name:	ROBERT PERRY
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

ROBERT PERRY (Continued) **1026482319**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201026
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROBERT PERRY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	420 ACKLEY ST
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	714-655-2307
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROBERT PERRY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	420 ACKLEY ST
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	714-655-2307
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20201014
Handler Name: ROBERT PERRY	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299

ROBERT PERRY (Continued) **1026482319**

NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

M59 **DENNIS YAMANOUYE** **RCRA NonGen / NLR** **1024779688**
NNE **1871 S ORANGE AVE** **CAC002999644**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.174 mi.
920 ft. **Site 1 of 7 in cluster M**

Relative:
Higher

Actual:
440 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		20190205
Handler Name:	DENNIS YAMANOUYE	
Handler Address:		1871 S ORANGE AVE
Handler City,State,Zip:		MONTEREY PARK, CA 91755
EPA ID:		CAC002999644
Contact Name:		DENNIS YAMANOUYE
Contact Address:		1871 S ORANGE AVE
Contact City,State,Zip:		MONTEREY PARK, CA 91755
Contact Telephone:		626-512-9216
Contact Fax:		Not reported
Contact Email:		MANIFEST.SIRRIS@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1871 S ORANGE AVE
Mailing City,State,Zip:		MONTEREY PARK, CA 91755
Owner Name:		DENNIS YAMANOUYE
Owner Type:		Other
Operator Name:		DENNIS YAMANOUYE
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported

DENNIS YAMANOUYE (Continued) **1024779688**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190222
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DENNIS YAMANOUYE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1871 S ORANGE AVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-512-9216
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

DENNIS YAMANOUYE (Continued) **1024779688**

Owner/Operator Name:	DENNIS YAMANOUYE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1871 S ORANGE AVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-512-9216
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190205
Handler Name: DENNIS YAMANOUYE	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

60
NE
1/8-1/4
0.175 mi.
924 ft.

ERNESTINA CASTELLANOS **RCRA NonGen / NLR** **1025862258**
1912 PALM AVE **CAC003042964**
MONTEREY PARK, CA 91755

Relative:
Higher

Actual:
481 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		20191113
Handler Name:	ERNESTINA CASTELLANOS	
Handler Address:		1912 PALM AVE
Handler City,State,Zip:		MONTEREY PARK, CA 91755-5728
EPA ID:		CAC003042964
Contact Name:		ERNESTINA CASTELLANOS
Contact Address:		1912 PALM AVE
Contact City,State,Zip:		MONTEREY PARK, CA 91755-5728
Contact Telephone:		626-569-5618
Contact Fax:		Not reported
Contact Email:		ERNIE@SIRRIS.BIZ
Contact Title:		Not reported
EPA Region:		09

ERNESTINA CASTELLANOS (Continued) **1025862258**

Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1912 PALM AVE
Mailing City,State,Zip:	MONTEREY PARK, CA 91755-5728
Owner Name:	ERNESTINA CASTELLANOS
Owner Type:	Other
Operator Name:	ERNESTINA CASTELLANOS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

ERNESTINA CASTELLANOS (Continued) **1025862258**

Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20191122
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ERNESTINA CASTELLANOS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1912 PALM AVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755-5728
Owner/Operator Telephone:	626-569-5618
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ERNESTINA CASTELLANOS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1912 PALM AVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755-5728
Owner/Operator Telephone:	626-569-5618
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20191113
Handler Name: ERNESTINA CASTELLANOS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

ERNESTINA CASTELLANOS (Continued) **1025862258**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

M61 **RUTH WONG** **RCRA NonGen / NLR** **1025848510**
NNE **1860 S. ORANGE AVE** **CAC003028561**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.181 mi.
957 ft. **Site 2 of 7 in cluster M**

Relative: **Higher**
Actual: **443 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20190808
Handler Name:	RUTH WONG	
Handler Address:		1860 S. ORANGE AVE
Handler City,State,Zip:		MONTEREY PARK, CA 91755
EPA ID:		CAC003028561
Contact Name:		RUTH WONG
Contact Address:		1860 S. ORANGE AVE
Contact City,State,Zip:		MONTEREY PARK, CA 91755
Contact Telephone:		626-627-8663
Contact Fax:		Not reported
Contact Email:		GABRIELLE@PGJENVIRONMENTAL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1860 S. ORANGE AVE
Mailing City,State,Zip:		MONTEREY PARK, CA 91755
Owner Name:		RUTH WONG
Owner Type:		Other
Operator Name:		RUTH WONG
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported

RUTH WONG (Continued) **1025848510**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190910
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUTH WONG
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1860 S. ORANGE AVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-627-8663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH WONG
Legal Status:	Other

RUTH WONG (Continued) **1025848510**

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1860 S. ORANGE AVE
Owner/Operator City,State,Zip: MONTEREY PARK, CA 91755
Owner/Operator Telephone: 626-627-8663
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20190808
Handler Name: RUTH WONG
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

M62 **CITY Y OF MONTEREY PARK** **RCRA NonGen / NLR** **1024755146**
NNE **1860 S. ORANGE AVE** **CAC002974966**
1/8-1/4 **MONTEREY PARK, CA 91754**
0.181 mi.
957 ft. **Site 3 of 7 in cluster M**

Relative:
Higher

Actual:
443 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20180809
Handler Name: CITY Y OF MONTEREY PARK
Handler Address: 1860 S. ORANGE AVE
Handler City,State,Zip: MONTEREY PARK, CA 91754
EPA ID: CAC002974966
Contact Name: CITY OF MONTEREY PARK
Contact Address: 1860 S. ORANGE AVE
Contact City,State,Zip: MONTEREY PARK, CA 91754
Contact Telephone: 760-421-1104
Contact Fax: Not reported
Contact Email: GABRIELLE@PGJENVIRONMENTAL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified

CITY Y OF MONTEREY PARK (Continued) **1024755146**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	320 W. NEWMARK AVE
Mailing City,State,Zip:	MONTEREY PARK, CA 91754
Owner Name:	CITY OF MONTEREY PARK
Owner Type:	Other
Operator Name:	CITY OF MONTEREY PARK
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

CITY Y OF MONTEREY PARK (Continued) **1024755146**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180831
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF MONTEREY PARK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1860 S. ORANGE AVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91754
Owner/Operator Telephone:	760-421-1104
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF MONTEREY PARK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1860 S. ORANGE AVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91754
Owner/Operator Telephone:	760-421-1104
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180809
Handler Name:	CITY Y OF MONTEREY PARK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

CITY Y OF MONTEREY PARK (Continued) **1024755146**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

N63 **MOBAY CHEM CORP MONTEREY PK** **RCRA-SQG** **1000160843**
SW **17 CUPANIA CIR** **FINDS** **CAD066647306**
1/8-1/4 **MONTEREY PARK, CA 91754** **ECHO**
0.183 mi.
966 ft. **Site 1 of 2 in cluster N**

Relative: **Lower**
Actual: **333 ft.**

RCRA-SQG:

Date Form Received by Agency:	19960901
Handler Name:	MOBAY CHEM CORP MONTEREY PK
Handler Address:	17 CUPANIA CIR
Handler City,State,Zip:	MONTEREY PARK, CA 91754
EPA ID:	CAD066647306
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	17 CUPANIA CIRCLE
Mailing City,State,Zip:	MONTEREY PARK, CA 91754
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

MOBAY CHEM CORP MONTEREY PK (Continued) **1000160843**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCCASLIN PACIFIC PROPERTIES
Legal Status:	Private

MOBAY CHEM CORP MONTEREY PK (Continued) **1000160843**

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960901
Handler Name: MOBAY CHEM CORP MONTEREY PK
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800818
Handler Name: MOBAY CHEM CORP MONTEREY PK
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 333292
NAICS Description: TEXTILE MACHINERY MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002655001

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

MOBAY CHEM CORP MONTEREY PK (Continued) **1000160843**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000160843
Registry ID:	110002655001
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002655001
Name:	MOBAY CHEM CORP MONTEREY PK
Address:	17 CUPANIA CIR
City,State,Zip:	MONTEREY PARK, CA 91754

O64 **SCE MESA SUBSTATION** **RCRA-LQG** **1012176387**
SSE **700 E POTRERO GRANDE DR** **CAR000203182**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.184 mi.
972 ft. **Site 1 of 6 in cluster O**

Relative: **Lower**
Actual: **346 ft.**

RCRA-LQG:

Date Form Received by Agency:		20101207
Handler Name:	SCE MESA SUBSTATION	
Handler Address:		700 E POTRERO GRANDE DR
Handler City,State,Zip:		MONTEREY PARK, CA 91755
EPA ID:		CAR000203182
Contact Name:		SARA M DUVALL
Contact Address:		PO BOX 800
Contact City,State,Zip:		ROSEMEAD, CA 91770
Contact Telephone:		626-302-4781
Contact Fax:		626-302-2031
Contact Email:		SARA.DUVALL@SCE.COM
Contact Title:		TECHNICAL SPEC
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 800
Mailing City,State,Zip:		ROSEMEAD, CA 91770
Owner Name:		SOUTHERN CALIFORNIA EDISON
Owner Type:		Private
Operator Name:		SOUTHERN CALIFORNIA EDISON
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No

SCE MESA SUBSTATION (Continued) **1012176387**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110126
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D008

SCE MESA SUBSTATION (Continued) **1012176387**

Waste Description: LEAD

Waste Code: D018
Waste Description: BENZENE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: SOUTHERN CALIFORNIA EDISON
Legal Status: Private

SCE MESA SUBSTATION (Continued) **1012176387**

Date Became Current:	19500101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUTHERN CALIFORNIA EDISON
Legal Status:	Private
Date Became Current:	19500101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUTHERN CALIFORNIA EDISON
Legal Status:	Private
Date Became Current:	19500101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 800
Owner/Operator City,State,Zip:	ROSEMEAD, CA 91770
Owner/Operator Telephone:	626-302-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUTHERN CALIFORNIA EDISON
Legal Status:	Private
Date Became Current:	19500101
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 800
Owner/Operator City,State,Zip:	ROSEMEAD, CA 91770
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20091009
Handler Name: MESA SUBSTATION	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

SCE MESA SUBSTATION (Continued) **1012176387**

Electronic Manifest Broker: Not reported

Receive Date: 20101207
Handler Name: SCE MESA SUBSTATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221121
NAICS Description: ELECTRIC BULK POWER TRANSMISSION AND CONTROL

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

O65 **MESA SUBSTATION** **RCRA-SQG** **1007199641**
SSE **700 E. POTRERO GRANDE DR.** **CAD981694813**
1/8-1/4 **MONTEREY PARK, CA 91754**
0.184 mi.
972 ft. **Site 2 of 6 in cluster O**

Relative: RCRA-SQG:
Lower
Date Form Received by Agency: 20020228
Actual: Handler Name: MESA SUBSTATION
346 ft. Handler Address: 700 E. POTRERO GRANDE DR.
Handler City,State,Zip: MONTEREY PARK, CA 91754
EPA ID: CAD981694813
Contact Name: STANLEY L MARSH
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 626-302-9711
Contact Fax: Not reported
Contact Email: STANLEY.MARSH@SCE.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 700 E. POTRERO GRANDE DR.
Mailing City,State,Zip: MONTEREY PARK, CA 91754

MESA SUBSTATION (Continued) **1007199641**

Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20060905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

MESA SUBSTATION (Continued) **1007199641**

Manifest Broker: No
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historic Generators:
Receive Date: 20020228
Handler Name: MESA SUBSTATION
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

MESA SUBSTATION (Continued) **1007199641**

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19990316
Handler Name: MESA SUBSTATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020228
Handler Name: MESA SUBSTATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 2211
NAICS Description: ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION

NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

O66 **MESA SUBSTATION** **HIST UST** **U001569890**
SSE **700 POTRERO GRANDE DR** **N/A**
1/8-1/4 **MONTEREY PARK, CA 91754**
0.184 mi.
972 ft. **Site 3 of 6 in cluster O**

Relative:
Lower

Actual:
346 ft.

HIST UST:
Name: MESA SUBSTATION
Address: 700 POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91754
File Number: Not reported

MESA SUBSTATION (Continued) **U001569890**

URL:	Not reported
Region:	STATE
Facility ID:	00000022236
Facility Type:	Other
Other Type:	ELECTRIC UTILITY
Contact Name:	F R KNEPPER
Telephone:	8185721801
Owner Name:	SOUTHERN CALIFORNIA EDISON CO.
Owner Address:	2244 WALNUT GROVE AVENUE
Owner City,St,Zip:	ROSEMEAD, CA 91770
Total Tanks:	0001
Tank Num:	001
Container Num:	297
Year Installed:	1955
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

O67 **SCE - MESA SUBSTATION** **LUST** **S104537935**
SSE **700 E POTRERO GRANDE DR** **Cortese** **N/A**
1/8-1/4 **MONTEREY PARK, CA 91755** **LOS ANGELES CO. HMS**
0.184 mi. **CERS**
972 ft. **Site 4 of 6 in cluster O**

Relative: **Lower**
Actual: **346 ft.**

LUST:

Name:	SCE - MESA SUBSTATION
Address:	700 E POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91755
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601993710
Global Id:	T0601993710
Latitude:	34.037155
Longitude:	-118.112292
Status:	Completed - Case Closed
Status Date:	04/23/2003
Case Worker:	Not reported
RB Case Number:	R-12371
Local Agency:	LOS ANGELES COUNTY
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel, Gasoline
Site History:	Not reported

LUST:

Global Id:	T0601993710
Contact Type:	Local Agency Caseworker
Contact Name:	RANI IYER
Organization Name:	LOS ANGELES COUNTY
Address:	900 S. FREMONT AVE.
City:	ALHAMBRA
Email:	riyer@dpw.lacounty.gov
Phone Number:	Not reported

SCE - MESA SUBSTATION (Continued) **S104537935**

LUST:

Global Id:	T0601993710
Action Type:	Other
Date:	10/02/2001
Action:	Leak Reported
Global Id:	T0601993710
Action Type:	RESPONSE
Date:	08/01/2002
Action:	Soil and Water Investigation Workplan
Global Id:	T0601993710
Action Type:	RESPONSE
Date:	01/31/2003
Action:	Soil and Water Investigation Report
Global Id:	T0601993710
Action Type:	ENFORCEMENT
Date:	08/02/2002
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0601993710
Action Type:	ENFORCEMENT
Date:	04/10/2003
Action:	Meeting
Global Id:	T0601993710
Action Type:	ENFORCEMENT
Date:	07/02/2002
Action:	Staff Letter
Global Id:	T0601993710
Action Type:	ENFORCEMENT
Date:	04/02/2002
Action:	Staff Letter
Global Id:	T0601993710
Action Type:	ENFORCEMENT
Date:	04/23/2003
Action:	Closure/No Further Action Letter
Global Id:	T0601993710
Action Type:	ENFORCEMENT
Date:	02/01/2002
Action:	Staff Letter
Global Id:	T0601993710
Action Type:	ENFORCEMENT
Date:	10/25/2002
Action:	Staff Letter
Global Id:	T0601993710
Action Type:	Other
Date:	08/12/1999
Action:	Leak Discovery

SCE - MESA SUBSTATION (Continued) **S104537935**

LUST:

Global Id:	T0601993710
Status:	Open - Case Begin Date
Status Date:	07/09/1999
Global Id:	T0601993710
Status:	Open - Site Assessment
Status Date:	07/09/1999
Global Id:	T0601993710
Status:	Open - Verification Monitoring
Status Date:	10/02/2001
Global Id:	T0601993710
Status:	Open - Site Assessment
Status Date:	04/02/2002
Global Id:	T0601993710
Status:	Completed - Case Closed
Status Date:	04/23/2003

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	R-12371	
Status:	Case Closed	
Substance:	12034, 80066	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0601993710	
W Global ID:	Not reported	
Staff:	HSP	
Local Agency:	19000	
Cross Street:	GREENWOOD AVE	
Enforcement Type:	CLOS	
Date Leak Discovered:	8/12/1999	
Date Leak First Reported:		10/2/2001
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	7/9/1999	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		9/26/2002
Date the Case was Closed:		4/23/2003
How Leak Discovered:	OM	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	Tank	
Operator:	SOUTHERN CALIFORNIA EDISON	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		763.00349683133426666751652099
Source of Cleanup Funding:		Tank
Preliminary Site Assessment Workplan Submitted:		4/2/2002

SCE - MESA SUBSTATION (Continued) **S104537935**

Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	10/2/2001
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	13
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	=
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	SOUTHERN CALIFORNIA EDISON
RP Address:	P.O. BOX 800, ROSEMEAD, CA 91770
Program:	LUST
Lat/Long:	34.035137 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Haz Mat incident report filed

CORTESE:

Name:	SCE - MESA SUBSTATION
Address:	700 E POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91755
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0601993710
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

LOS ANGELES CO. HMS:

Name:	SCE - MESA SUBSTATION
Address:	700 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91754

SCE - MESA SUBSTATION (Continued) **S104537935**

Region: LA
Permit Category: T
Facility Id: 9002-012371
Facility Type: 0
Facility Status: Removed
Area: 3M
Permit Number: 00004028T
Permit Status: Removed

CERS:
Name: SCE - MESA SUBSTATION
Address: 700 E POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91755
Site ID: 241588
CERS ID: T0601993710
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: RANI IYER - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S. FREMONT AVE.
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

O68 **MESA SUBSTATION** **HIST UST** **S118412893**
SSE **700 EAST POTRERO GRANGE DR** **N/A**
1/8-1/4 **MONTEREY PARK, CA 91754**
0.184 mi.
972 ft. **Site 5 of 6 in cluster O**

Relative:
Lower

Actual:
346 ft.

HIST UST:
Name: MESA SUBSTATION
Address: 700 EAST POTRERO GRANGE DR
City,State,Zip: MONTEREY PARK, CA 91754
File Number: 00028731
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028731.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported

MESA SUBSTATION (Continued) **S118412893**

Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

O69 **SCE MESA SUBSTATION** **AST** **S101587190**
SSE **700 EAST POTRERO GRANDE DR** **CERS HAZ WASTE** **N/A**
1/8-1/4 **MONTEREY PARK, CA 91755** **SWEEPS UST**
0.184 mi. **CA FID UST**
972 ft. **Site 6 of 6 in cluster O** **CERS TANKS**
CERS

Relative:
Lower

Actual:
346 ft.

AST:

Name:	SCE MESA SUBSTATION
Address:	700 POTRERO GRANDE DR
City/Zip:	MONTEREY PARK,91755
Certified Unified Program Agencies:	Not reported
Owner:	Southern California Edison
Total Gallons:	Not reported
CERSID:	10159501
Facility ID:	LACoFA0021162
Business Name:	Southern California Edison, Transmission and Distribution Organization (TD)
Phone:	(626) 302-1212
Fax:	Not reported
Mailing Address:	P.O. Box 800 (Attn: CES Compliance Gateway 6040)
Mailing Address City:	Rosemead
Mailing Address State:	CA
Mailing Address Zip Code:	91770
Operator Name:	Southern California Edison
Operator Phone:	(626) 302-1212
Owner Phone:	(626) 302-1212
Owner Mail Address:	P.O. Box 800 (Attn: CES Compliance Gateway 6040)
Owner State:	CA
Owner Zip Code:	91770
Owner Country:	United States
Property Owner Name:	Southern California Edison
Property Owner Phone:	(626) 302-1212
Property Owner Mailing Address:	P.O. Box 800 (Attn: CES Compliance Gateway 6040)
Property Owner City:	Rosemead
Property Owner Stat :	CA
Property Owner Zip Code:	91770
Property Owner Country:	United States
EPAID:	CAR000203182

CERS HAZ WASTE:

Name:	SCE MESA SUBSTATION
Address:	700 EAST POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91755
Site ID:	155266
CERS ID:	10159501
CERS Description:	Hazardous Waste Generator

SWEEPS UST:

Name:	SOUTHERN CALIFORNIA EDISON
Address:	700 E POTRERO GRANDE DR
City:	MONTEREY PARK
Status:	Active

SCE MESA SUBSTATION (Continued) **S101587190**

Comp Number: 12371
Number: 9
Board Of Equalization: 44-007438
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-012371-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 1

CA FID UST:
Facility ID: 19055054
Regulated By: UTNKA
Regulated ID: 00022236
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8180000000
Mail To: Not reported
Mailing Address: BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: MONTEREY PARK
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CERS TANKS:
Name: SCE MESA SUBSTATION
Address: 700 EAST POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91755
Site ID: 155266
CERS ID: 10159501
CERS Description: Aboveground Petroleum Storage

CERS:
Name: SCE MESA SUBSTATION
Address: 700 EAST POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91755
Site ID: 155266
CERS ID: 10159501
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-17-2013
Violations Found: No
Eval Type: Routine done by local agency

SCE MESA SUBSTATION (Continued) **S101587190**

Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-09-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	John Amott IV (Safety & Environmental Specialist) Observed no significant violation on site at time of inspection.
Eval Division:	Los Angeles County Fire Department
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-30-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Consent given by Brett Koontz, Environmental Supervisor
Eval Division:	Los Angeles County Fire Department
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-17-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-17-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	INSPECTED BY A. NG CONSENT GIVEN BY MITCHELLE ORA
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-09-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	John Amott IV (Safety & Environmental Specialist) Observed no significant violation on site at time of inspection.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-17-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported

SCE MESA SUBSTATION (Continued) **S101587190**

Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-17-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	INSPECTED BY A. NG CONSENT GIVEN BY MITCHELLE ORA
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-17-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	INSPECTED BY A. NG CONSENT GIVEN BY MITCHELLE ORA
Eval Division:	Los Angeles County Fire Department
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-09-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	John Amott IV (Safety & Environmental Specialist) Observed no significant violation on site at time of inspection.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-30-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Consent given by Brett Koontz, Environmental Adviser
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-30-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Consent given by Brett Koontz, Environmental Adviser
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA

SCE MESA SUBSTATION (Continued) **S101587190**

Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91770
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Southern California Edison
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91770
Affiliation Phone:	(626) 302-1212,
Affiliation Type Desc:	Document Preparer
Entity Name:	Dina Martino
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Southern California Edison
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91770
Affiliation Phone:	(626) 302-1212,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Southern California Edison, Transmission and Distribution Organization (TD)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Environmental Notification Center

SCE MESA SUBSTATION (Continued) **S101587190**

Entity Title:	Not reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91770
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Dina Martino
Entity Title:	Consultant
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Southern California Edison
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 302-1212,

N70 **588 ATLAS** **RCRA NonGen / NLR** **1026719956**
SW **588 ATLAS AVE** **CAC003108626**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.190 mi.
1005 ft. **Site 2 of 2 in cluster N**

Relative: **Lower**
Actual: **333 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20210305
Handler Name:	588 ATLAS	
Handler Address:		588 ATLAS AVE
Handler City,State,Zip:		MONTEREY PARK, CA 91755
EPA ID:		CAC003108626
Contact Name:		ROBERT SONNENBLICK
Contact Address:		588 ATLAS AVE
Contact City,State,Zip:		MONTEREY PARK, CA 91755
Contact Telephone:		310-230-1200
Contact Fax:		Not reported
Contact Email:		RMARQUEZ@AMERICAN-INTEGRATED.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		588 ATLAS AVE

588 ATLAS (Continued) **1026719956**

Mailing City,State,Zip:	MONTEREY PARK, CA 91755
Owner Name:	SONNENBLICK MONTEREY PARK LLC
Owner Type:	Other
Operator Name:	ROBERT SONNENBLICK
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210312
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

588 ATLAS (Continued) **1026719956**

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: SONNENBLICK MONTEREY PARK LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 588 ATLAS AVE
Owner/Operator City,State,Zip: MONTEREY PARK, CA 91755
Owner/Operator Telephone: 310-230-1200
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ROBERT SONNENBLICK
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 588 ATLAS AVE
Owner/Operator City,State,Zip: MONTEREY PARK, CA 91755
Owner/Operator Telephone: 310-230-1200
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210305
Handler Name: 588 ATLAS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56291
NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

K71 **POWER GRADE MESA SUBSTATION PROJECT YARD** **RCRA NonGen / NLR** **1024864150**
ESE **2110 GREENWOOD AVE** **CAL000432709**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.190 mi.
1005 ft. **Site 2 of 2 in cluster K**

Relative: **Lower**
Actual: **373 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20171220
Handler Name:	POWER GRADE MESA SUBSTATION PROJECT YARD
Handler Address:	2110 GREENWOOD AVE
Handler City,State,Zip:	MONTEREY PARK, CA 91755
EPA ID:	CAL000432709
Contact Name:	CRAIG PERNOT
Contact Address:	2115 S CUCAMONGA AVE
Contact City,State,Zip:	ONTARIO, CA 91761
Contact Telephone:	909-226-5287
Contact Fax:	909-947-2191
Contact Email:	CRAIG@POWERGRADEINC.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2115 S CUCAMONGA AVE
Mailing City,State,Zip:	ONTARIO, CA 91761
Owner Name:	POWER GRADE INC
Owner Type:	Other
Operator Name:	CRAIG PERNOT
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

POWER GRADE MESA SUBSTATION PROJECT YARD (Continued) **1024864150**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	POWER GRADE INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2115 S CUCAMONGA AVE
Owner/Operator City,State,Zip:	ONTARIO, CA 91761
Owner/Operator Telephone:	909-947-5191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CRAIG PERNOT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2115 S CUCAMONGA AVE
Owner/Operator City,State,Zip:	ONTARIO, CA 91761
Owner/Operator Telephone:	909-226-5287
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

POWER GRADE MESA SUBSTATION PROJECT YARD (Continued) **1024864150**

Historic Generators:
- Receive Date: 20171220
- Handler Name: POWER GRADE MESA SUBSTATION PROJECT YARD
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 56299
- NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

M72 **MARION SOMIMOTO** **RCRA NonGen / NLR** **1024771677**
NNE **1840 S ORANGE AVE** **CAC002991589**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.193 mi.
1020 ft. **Site 4 of 7 in cluster M**

Relative: **Higher**
Actual: **447 ft.**

RCRA NonGen / NLR:
- Date Form Received by Agency: 20181204
- Handler Name: MARION SOMIMOTO
- Handler Address: 1840 S ORANGE AVE
- Handler City,State,Zip: MONTEREY PARK, CA 91755
- EPA ID: CAC002991589
- Contact Name: MARION SOMIMOTO
- Contact Address: 1840 S ORANGE AVE
- Contact City,State,Zip: MONTEREY PARK, CA 91755
- Contact Telephone: 626-288-9519
- Contact Fax: Not reported
- Contact Email: MANIFEST.SIRRIS@GMAIL.COM
- Contact Title: Not reported
- EPA Region: 09
- Land Type: Not reported
- Federal Waste Generator Description: Not a generator, verified
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Handler Activities
- State District Owner: Not reported
- State District: Not reported
- Mailing Address: 1840 S ORANGE AVE
- Mailing City,State,Zip: MONTEREY PARK, CA 91755
- Owner Name: MARION SOMIMOTO

MARION SOMIMOTO (Continued) **1024771677**

Owner Type:	Other
Operator Name:	MARION SOMIMOTO
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181220
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

MARION SOMIMOTO (Continued) **1024771677**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: MARION SOMIMOTO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1840 S ORANGE AVE
Owner/Operator City,State,Zip: MONTEREY PARK, CA 91755
Owner/Operator Telephone: 626-288-9519
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MARION SOMIMOTO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1840 S ORANGE AVE
Owner/Operator City,State,Zip: MONTEREY PARK, CA 91755
Owner/Operator Telephone: 626-288-9519
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20181204
Handler Name: MARION SOMIMOTO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

M73 **MARION SUMIMOTO** **RCRA NonGen / NLR** **1026708857**
NNE **1840 S ORANGE AVE** **CAC003096901**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.193 mi.
1020 ft. **Site 5 of 7 in cluster M**

Relative: **Higher**

Actual: **447 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20201211
Handler Name:	MARION SUMIMOTO	
Handler Address:		1840 S ORANGE AVE
Handler City,State,Zip:		MONTEREY PARK, CA 91755
EPA ID:		CAC003096901
Contact Name:		MARION SUMIMOTO
Contact Address:		1840 S ORANGE AVE
Contact City,State,Zip:		MONTEREY PARK, CA 91755
Contact Telephone:		626-288-9519
Contact Fax:		Not reported
Contact Email:		MFSUMI63@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1840 S ORANGE AVE
Mailing City,State,Zip:		MONTEREY PARK, CA 91755
Owner Name:		MARION SUMIMOTO
Owner Type:		Other
Operator Name:		MARION SUMIMOTO
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

MARION SUMIMOTO (Continued) **1026708857**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201218
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARION SUMIMOTO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1840 S ORANGE AVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-288-9519
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MARION SUMIMOTO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1840 S ORANGE AVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-288-9519
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MARION SUMIMOTO (Continued) **1026708857**

Historic Generators:
Receive Date: 20201211
Handler Name: MARION SUMIMOTO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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74 **MOMI NARIKOYO** **RCRA NonGen / NLR** **1026801588**
ENE **1863 ASH** **CAC003113540**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.206 mi.
1086 ft.

Relative:
Higher

Actual:
480 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20210406
Handler Name: MOMI NARIKOYO
Handler Address: 1863 ASH
Handler City,State,Zip: MONTEREY PARK, CA 91755
EPA ID: CAC003113540
Contact Name: MOMI NARIKOYO
Contact Address: 1863 ASH
Contact City,State,Zip: MONTEREY PARK, CA 91755
Contact Telephone: 626-862-4421
Contact Fax: Not reported
Contact Email: MANIFEST.SIRRIS@GMAIL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 1863 ASH
Mailing City,State,Zip: MONTEREY PARK, CA 91755
Owner Name: MOMI NARIKOYO

MOMI NARIKOYO (Continued) **1026801588**

Owner Type:	Other
Operator Name:	MOMI NARIKOYO
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210415
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

MOMI NARIKOYO (Continued) **1026801588**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: MOMI NARIKOYO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1863 ASH
Owner/Operator City,State,Zip: MONTEREY PARK, CA 91755
Owner/Operator Telephone: 626-862-4421
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MOMI NARIKOYO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1863 ASH
Owner/Operator City,State,Zip: MONTEREY PARK, CA 91755
Owner/Operator Telephone: 626-862-4421
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210406
Handler Name: MOMI NARIKOYO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

M75 **AMEY ENOMOTO** **RCRA NonGen / NLR** **1024771926**
NNE **696 WILSON PLACE** **CAC002991838**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.206 mi.
1090 ft. **Site 6 of 7 in cluster M**

Relative: **Higher**

Actual: **449 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20181205
Handler Name:	AMEY ENOMOTO	
Handler Address:		696 WILSON PLACE
Handler City,State,Zip:		MONTEREY PARK, CA 91755
EPA ID:		CAC002991838
Contact Name:		AMEY ENOMOTO
Contact Address:		696 WILSON PLACE
Contact City,State,Zip:		MONTEREY PARK, CA 91755
Contact Telephone:		626-280-7441
Contact Fax:		Not reported
Contact Email:		SENSITIVEENVIRONMENT@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		696 WILSON PLACE
Mailing City,State,Zip:		MONTEREY PARK, CA 91755
Owner Name:		AMEY ENOMOTO
Owner Type:		Other
Operator Name:		AMEY ENOMOTO
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

AMEY ENOMOTO (Continued) **1024771926**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181220
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AMEY ENOMOTO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	696 WILSON PLACE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-280-7441
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMEY ENOMOTO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	696 WILSON PLACE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-280-7441
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AMEY ENOMOTO (Continued) **1024771926**

Historic Generators:
- Receive Date: 20181205
- Handler Name: AMEY ENOMOTO
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 56299
- NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

M76 **AMEY ENOMOTO** **RCRA NonGen / NLR** **1024770738**
NNE **696 WILSON PLACE** **CAC002990644**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.206 mi.
1090 ft. **Site 7 of 7 in cluster M**

Relative: **Higher**
Actual: **449 ft.**

RCRA NonGen / NLR:
- Date Form Received by Agency: 20181127
- Handler Name: AMEY ENOMOTO
- Handler Address: 696 WILSON PLACE
- Handler City,State,Zip: MONTEREY PARK, CA 91755
- EPA ID: CAC002990644
- Contact Name: AMEY ENOMOTO
- Contact Address: 696 WILSON PLACE
- Contact City,State,Zip: MONTEREY PARK, CA 91755
- Contact Telephone: 626-280-7441
- Contact Fax: Not reported
- Contact Email: SENSITIVEENVIRONMENT@GMAIL.COM
- Contact Title: Not reported
- EPA Region: 09
- Land Type: Not reported
- Federal Waste Generator Description: Not a generator, verified
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Handler Activities
- State District Owner: Not reported
- State District: Not reported
- Mailing Address: 696 WILSON PLACE
- Mailing City,State,Zip: MONTEREY PARK, CA 91755
- Owner Name: AMEY ENOMOTO

AMEY ENOMOTO (Continued) **1024770738**

Owner Type:	Other
Operator Name:	AMEY ENOMOTO
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181220
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

AMEY ENOMOTO (Continued) **1024770738**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: AMEY ENOMOTO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 696 WILSON PLACE
Owner/Operator City,State,Zip: MONTEREY PARK, CA 91755
Owner/Operator Telephone: 626-280-7441
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: AMEY ENOMOTO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 696 WILSON PLACE
Owner/Operator City,State,Zip: MONTEREY PARK, CA 91755
Owner/Operator Telephone: 626-280-7441
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20181127
Handler Name: AMEY ENOMOTO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

P77 **ERNEST GUZMAN** **RCRA NonGen / NLR** **1024763779**
NNW **1852 BUCHANAN PLACE** **CAC002983645**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.216 mi.
1140 ft. **Site 1 of 2 in cluster P**

Relative: **Higher**

Actual: **396 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20181005
Handler Name:	ERNEST GUZMAN	
Handler Address:		1852 BUCHANAN PLACE
Handler City,State,Zip:		MONTEREY PARK, CA 91755
EPA ID:		CAC002983645
Contact Name:		ERNEST GUZMAN
Contact Address:		1852 BUCHANAN PLACE
Contact City,State,Zip:		MONTEREY PARK, CA 91755
Contact Telephone:		626-277-9754
Contact Fax:		Not reported
Contact Email:		ENVIROWORK.VANESSA@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1852 BUCHANAN PLACE
Mailing City,State,Zip:		MONTEREY PARK, CA 91755
Owner Name:		ERNEST GUZMAN
Owner Type:		Other
Operator Name:		ERNEST GUZMAN
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

ERNEST GUZMAN (Continued) **1024763779**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ERNEST GUZMAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1852 BUCHANAN PLACE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-277-9754
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ERNEST GUZMAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1852 BUCHANAN PLACE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-277-9754
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ERNEST GUZMAN (Continued) **1024763779**

Historic Generators:
- Receive Date: 20181005
- Handler Name: ERNEST GUZMAN
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 56299
- NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

P78 **WENDY LUI** **RCRA NonGen / NLR** **1024760900**
NNW **500 VAN BUREN DR** **CAC002980756**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.230 mi.
1213 ft. **Site 2 of 2 in cluster P**

Relative: **Higher**
Actual: **453 ft.**

RCRA NonGen / NLR:
- Date Form Received by Agency: 20180918
- Handler Name: WENDY LUI
- Handler Address: 500 VAN BUREN DR
- Handler City,State,Zip: MONTEREY PARK, CA 91755
- EPA ID: CAC002980756
- Contact Name: WENDY LUI
- Contact Address: 500 VAN BUREN DR
- Contact City,State,Zip: MONTEREY PARK, CA 91755
- Contact Telephone: 310-413-5001
- Contact Fax: Not reported
- Contact Email: CHRIS@JCENVIRONMENTALINC.COM
- Contact Title: Not reported
- EPA Region: 09
- Land Type: Not reported
- Federal Waste Generator Description: Not a generator, verified
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Handler Activities
- State District Owner: Not reported
- State District: Not reported
- Mailing Address: 500 VAN BUREN DR
- Mailing City,State,Zip: MONTEREY PARK, CA 91755
- Owner Name: WENDY LUI

WENDY LUI (Continued) **1024760900**

Owner Type:	Other
Operator Name:	WENDY LUI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181001
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

WENDY LUI (Continued) **1024760900**

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WENDY LUI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	500 VAN BUREN DR
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	310-413-5001
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WENDY LUI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	500 VAN BUREN DR
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	310-413-5001
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180918
Handler Name: WENDY LUI	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

79
NNW
1/8-1/4
0.234 mi.
1234 ft.

YONEO INOUYE
1793 ADAMS WAY
MONTEREY PARK, CA 91755

RCRA NonGen / NLR

1026046586
CAC003053071

Relative:
Higher

Actual:
455 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		20200128
Handler Name:	YONEO INOUYE	
Handler Address:		1793 ADAMS WAY
Handler City,State,Zip:		MONTEREY PARK, CA 91755
EPA ID:		CAC003053071
Contact Name:		YONEO INOUYE
Contact Address:		1793 ADAMS WAY
Contact City,State,Zip:		MONTEREY PARK, CA 91755
Contact Telephone:		626-379-1941
Contact Fax:		Not reported
Contact Email:		CRISTAL.TEECOR@YAHOO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1793 ADAMS WAY
Mailing City,State,Zip:		MONTEREY PARK, CA 91755
Owner Name:		YONEO INOUYE
Owner Type:		Other
Operator Name:		YONEO INOUYE
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

YONEO INOUYE (Continued) **1026046586**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200210
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	YONEO INOUYE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1793 ADAMS WAY
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-379-1941
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	YONEO INOUYE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1793 ADAMS WAY
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	626-379-1941
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

YONEO INOUYE (Continued) **1026046586**

Historic Generators:
Receive Date: 20200128
Handler Name: YONEO INOUYE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

80
NE
1/8-1/4
0.234 mi.
1236 ft.

JEAN KOBATA **RCRA NonGen / NLR** **1026709589**
743 ACKLEY ST **CAC003097684**
MONTEREY PARK, CA 91754

Relative:
Higher

Actual:
489 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20201217
Handler Name: JEAN KOBATA
Handler Address: 743 ACKLEY ST
Handler City,State,Zip: MONTEREY PARK, CA 91754
EPA ID: CAC003097684
Contact Name: JEAN KOBATA
Contact Address: 743 ACKLEY ST
Contact City,State,Zip: MONTEREY PARK, CA 91754
Contact Telephone: 626-573-4803
Contact Fax: Not reported
Contact Email: SCHEDULING@PWSEI.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 743 ACKLEY ST
Mailing City,State,Zip: MONTEREY PARK, CA 91754
Owner Name: JEAN KOBATA

JEAN KOBATA (Continued) **1026709589**

Owner Type:	Other
Operator Name:	JEAN KOBATA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201218
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

JEAN KOBATA (Continued) **1026709589**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: JEAN KOBATA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 743 ACKLEY ST
Owner/Operator City,State,Zip: MONTEREY PARK, CA 91754
Owner/Operator Telephone: 626-573-4803
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JEAN KOBATA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 743 ACKLEY ST
Owner/Operator City,State,Zip: MONTEREY PARK, CA 91754
Owner/Operator Telephone: 626-573-4803
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20201217
Handler Name: JEAN KOBATA
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Q81 **SHELL SERVICE STATION** **LUST** **S102436899**
SSW **430 POTRERO GRANDE** **Cortese** **N/A**
1/4-1/2 **MONTEREY PARK, CA 91755** **HIST CORTESE**
0.329 mi. **CERS**
1735 ft. **Site 1 of 2 in cluster Q**

Relative:
Lower

Actual:
297 ft.

LUST:

Name:	SHELL
Address:	430 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91755
Lead Agency:	LOS ANGELES COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703429
Global Id:	T0603703429
Latitude:	34.034795
Longitude:	-118.117538
Status:	Completed - Case Closed
Status Date:	12/01/1989
Case Worker:	JOA
RB Case Number:	I-09487
Local Agency:	LOS ANGELES COUNTY
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603703429
Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone Number:	6264583507

Global Id:	T0603703429
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0603703429
Action Type:	Other
Date:	11/15/1985
Action:	Leak Reported

Global Id:	T0603703429
Action Type:	Other
Date:	11/15/1985
Action:	Leak Stopped

Global Id:	T0603703429
Action Type:	Other

SHELL SERVICE STATION (Continued) **S102436899**

Date: 11/15/1985
Action: Leak Discovery

LUST:
Global Id: T0603703429
Status: Open - Case Begin Date
Status Date: 11/15/1985

Global Id: T0603703429
Status: Completed - Case Closed
Status Date: 12/01/1989

Name: SHELL SERVICE STATION
Address: 430 POTRERO GRANDE
City,State,Zip: MONTEREY PARK, CA 91755
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603789423
Global Id: T0603789423
Latitude: 34.03476
Longitude: -118.117538
Status: Completed - Case Closed
Status Date: 08/09/2005
Case Worker: GK
RB Case Number: I-09487A
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: 08424-26406
Potential Media Affect: Soil
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

LUST:
Global Id: T0603789423
Contact Type: Local Agency Caseworker
Contact Name: SAM STEVENS
Organization Name: LOS ANGELES COUNTY
Address: 900 S. FREMONT AVE.
City: ALHAMBRA
Email: Not reported
Phone Number: 6264583507

Global Id: T0603789423
Contact Type: Regional Board Caseworker
Contact Name: GREGG KWEY
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 WEST 4TH ST. SUITE 200- 1ST FLOOR
City: R4 UNKNOWN, LOS ANGELES
Email: gkwey@waterboards.ca.gov
Phone Number: 2135766702

LUST:
Global Id: T0603789423
Action Type: Other
Date: 11/11/2002
Action: Leak Reported

SHELL SERVICE STATION (Continued) **S102436899**

Global Id: T0603789423
Action Type: ENFORCEMENT
Date: 08/09/2005
Action: Site Visit / Inspection / Sampling

Global Id: T0603789423
Action Type: ENFORCEMENT
Date: 08/09/2005
Action: Closure/No Further Action Letter

Global Id: T0603789423
Action Type: RESPONSE
Date: 07/28/2005
Action: Electronic Reporting Submittal Due

Global Id: T0603789423
Action Type: ENFORCEMENT
Date: 01/06/2005
Action: Staff Letter

Global Id: T0603789423
Action Type: ENFORCEMENT
Date: 07/14/2005
Action: Staff Letter

Global Id: T0603789423
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603789423
Action Type: RESPONSE
Date: 01/25/2005
Action: Monitoring Report - Quarterly

Global Id: T0603789423
Action Type: Other
Date: 11/11/2002
Action: Leak Discovery

LUST:
Global Id: T0603789423
Status: Open - Case Begin Date
Status Date: 08/26/2002

Global Id: T0603789423
Status: Open - Site Assessment
Status Date: 08/26/2002

Global Id: T0603789423
Status: Completed - Case Closed
Status Date: 08/09/2005

LUST REG 4:
Region: 4

SHELL SERVICE STATION (Continued) **S102436899**

Regional Board:	04	
County:	Los Angeles	
Facility Id:	I-09487	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603703429	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19000	
Cross Street:	GEMINI	
Enforcement Type:	Not reported	
Date Leak Discovered:	11/15/1985	
Date Leak First Reported:		11/15/1985
Date Leak Record Entered:	12/31/1986	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	11/15/1985	
Date Case Last Changed on Database:		3/19/1990
Date the Case was Closed:		12/1/1989
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	LINDSEY, DEE	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		778.134129218689547919941443 46
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	SHELL OIL COMPANY	
RP Address:	511 N BROOKHURST, ANAHEIM, CA 92803	
Program:	LUST	
Lat/Long:	34.0353846 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

SHELL SERVICE STATION (Continued) **S102436899**

CORTESE:

Name:	SHELL
Address:	430 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91755
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603703429
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

Name:	SHELL SERVICE STATION
Address:	430 POTRERO GRANDE
City,State,Zip:	MONTEREY PARK, CA 91755
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603789423
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	SHELL
edr_fadd1:	430 POTRERO GRANDE
City,State,Zip:	MONTEREY PARK, CA 91754
Region:	CORTESE

SHELL SERVICE STATION (Continued) **S102436899**

Facility County Code: 19
Reg By: LTNKA
Reg Id: I-09487

CERS:
Name: SHELL
Address: 430 POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91755
Site ID: 196886
CERS ID: T0603703429
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JOHN AWUJO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507,

Name: SHELL SERVICE STATION
Address: 430 POTRERO GRANDE
City,State,Zip: MONTEREY PARK, CA 91755
Site ID: 222636
CERS ID: T0603789423
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: SAM STEVENS - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S. FREMONT AVE.
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583507,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: GREGG KWEY - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 WEST 4TH ST. SUITE 200- 1ST FLOOR
Affiliation City: R4 UNKNOWN, LOS ANGELES
Affiliation State: CA

SHELL SERVICE STATION (Continued) **S102436899**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766702,

Q82
SSW
1/4-1/2
0.329 mi.
1735 ft.

Relative:
Lower

Actual:
297 ft.

SHELL OIL COMPANY # 204-5112-0917
430 E POTRERO GRANDE DR
MONTEREY PARK, CA 91754

Site 2 of 2 in cluster Q

LUST **S101582644**
CERS HAZ WASTE **N/A**
SWEEPS UST
CA FID UST
CERS TANKS
Cortese
LOS ANGELES CO. HMS
CERS
HWTS

LUST:
Name: SHELL OIL COMPANY # 204-5112-0917
Address: 430 E POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91754
Lead Agency: LOS ANGELES COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000000993
Global Id: T10000000993
Latitude: 34.041335
Longitude: -118.1045405
Status: Completed - Case Closed
Status Date: 10/06/2011
Case Worker: KBR
RB Case Number: Not reported
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: 008424-009487
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T10000000993
Contact Type: Local Agency Caseworker
Contact Name: KATTYA BATRES RINZE
Organization Name: LOS ANGELES COUNTY
Address: 900 SOUTH FREMONT AVE
City: ALHAMBRA
Email: gbatres@dpw.lacounty.gov
Phone Number: Not reported

Global Id: T10000000993
Contact Type: Local Agency Caseworker
Contact Name: IHEANACHO OFO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: iofo@dpw.lacounty.gov
Phone Number: 6264583512

Global Id: T10000000993
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG

SHELL OIL COMPANY # 204-5112-0917 (Continued) **S101582644**

Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T10000000993
Action Type: ENFORCEMENT
Date: 04/07/2009
Action: Notice to Comply - #C606361

Global Id: T10000000993
Action Type: Other
Date: 07/23/1998
Action: Leak Stopped

Global Id: T10000000993
Action Type: Other
Date: 04/08/2009
Action: Leak Reported

LUST:
Global Id: T10000000993
Status: Open - Case Begin Date
Status Date: 07/23/1998

Global Id: T10000000993
Status: Open - Inactive
Status Date: 04/08/2009

Global Id: T10000000993
Status: Open - Site Assessment
Status Date: 07/15/2009

Global Id: T10000000993
Status: Completed - Case Closed
Status Date: 10/06/2011

CERS HAZ WASTE:
Name: GOLDEN STATE FUEL
Address: 430 POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91755
Site ID: 33735
CERS ID: 10274905
CERS Description: Hazardous Waste Generator

SWEEPS UST:
Name: SHELL SERV STA
Address: 430 E POTRERO GRANDE
City: MONTEREY PARK
Status: Active
Comp Number: 9487
Number: 9

SHELL OIL COMPANY # 204-5112-0917 (Continued) **S101582644**

Board Of Equalization: 44-000074
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009487-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 3

Name: SHELL SERV STA
Address: 430 E POTRERO GRANDE
City: MONTEREY PARK
Status: Active
Comp Number: 9487
Number: 9
Board Of Equalization: 44-000074
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009487-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: SHELL SERV STA
Address: 430 E POTRERO GRANDE
City: MONTEREY PARK
Status: Active
Comp Number: 9487
Number: 9
Board Of Equalization: 44-000074
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009487-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19000909
Regulated By: UTNKA

SHELL OIL COMPANY # 204-5112-0917 (Continued) **S101582644**

Regulated ID: 00016846
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8180000000
Mail To: Not reported
Mailing Address: 430 E POTRERO GRANDE
Mailing Address 2: Not reported
Mailing City,St,Zip: MONTEREY PARK
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CERS TANKS:
Name: GOLDEN STATE FUEL
Address: 430 POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91755
Site ID: 33735
CERS ID: 10274905
CERS Description: Underground Storage Tank

CORTESE:
Name: SHELL OIL COMPANY # 204-5112-0917
Address: 430 E POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91754
Region: CORTESE
Envirostor Id: Not reported
Global ID: T10000000993
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

LOS ANGELES CO. HMS:
Name: SHELL OIL #204-5112-0917
Address: 430 POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 917557324
Region: LA
Permit Category: T

SHELL OIL COMPANY # 204-5112-0917 (Continued) **S101582644**

Facility Id: 8424-009487
Facility Type: 0
Facility Status: Closed
Area: 3M
Permit Number: 00000673T
Permit Status: Closed

Name: SEE 008424-049545
Address: 430 POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 917557324
Region: LA
Permit Category: Not reported
Facility Id: 8424-052452
Facility Type: Not reported
Facility Status: OPEN
Area: 3M
Permit Number: Not reported
Permit Status: Not reported

Name: MONTEREY PARK FUEL N FOOD
Address: 430 POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 917557324
Region: LA
Permit Category: T
Facility Id: 8424-055830
Facility Type: 0
Facility Status: Closed
Area: 3M
Permit Number: 000693880
Permit Status: Closed

Name: GOLDEN STATE FUEL
Address: 430 POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 917557324
Region: LA
Permit Category: T
Facility Id: 8424-058295
Facility Type: 0
Facility Status: Permit
Area: 3M
Permit Number: 000777244
Permit Status: Permit

CERS:
Name: SHELL OIL COMPANY # 204-5112-0917
Address: 430 E POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91754
Site ID: 201919
CERS ID: T10000000993
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: IHEANACHO OFO - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 S FREMONT AVE
Affiliation City: ALHAMBRA

SHELL OIL COMPANY # 204-5112-0917 (Continued) **S101582644**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6264583512,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: KATTYA BATRES RINZE - LOS ANGELES COUNTY
Entity Title: Not reported
Affiliation Address: 900 SOUTH FREMONT AVE
Affiliation City: ALHAMBRA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: GOLDEN STATE FUEL
Address: 430 POTRERO GRANDE DR
City,State,Zip: MONTEREY PARK, CA 91755
Site ID: 33735
CERS ID: 10274905
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 33735
Site Name: GOLDEN STATE FUEL
Violation Date: 07-14-2016
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes: Returned to compliance on 08/25/2016.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 33735
Site Name: GOLDEN STATE FUEL
Violation Date: 07-14-2016
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to have a UST Monitoring Plan available on site.
Violation Notes: Returned to compliance on 08/25/2016.
Violation Division: Los Angeles County Department of Public Works
Violation Program: UST
Violation Source: CERS,

Site ID: 33735

SHELL OIL COMPANY # 204-5112-0917 (Continued) **S101582644**

Site Name:	GOLDEN STATE FUEL
Violation Date:	07-25-2019
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 07/30/2019.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS,
Site ID:	33735
Site Name:	GOLDEN STATE FUEL
Violation Date:	07-25-2019
Citation:	23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description:	Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes:	Returned to compliance on 07/30/2019.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS,
Site ID:	33735
Site Name:	GOLDEN STATE FUEL
Violation Date:	07-14-2016
Citation:	23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description:	Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes:	Returned to compliance on 08/25/2016.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS,
Site ID:	33735
Site Name:	GOLDEN STATE FUEL
Violation Date:	07-25-2019
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to have current UST Monitoring Plan available on site.
Violation Notes:	Returned to compliance on 07/30/2019.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS,
Site ID:	33735
Site Name:	GOLDEN STATE FUEL
Violation Date:	07-25-2019
Citation:	23 CCR 16 2665(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665(b)
Violation Description:	"Failure to submit a copy of the overfill prevention equipment inspection results on the Overfill Prevention Equipment Inspection Report Form to the UPA within 30 days after the inspection. "
Violation Notes:	Returned to compliance on 07/30/2019.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS,

SHELL OIL COMPANY # 204-5112-0917 (Continued) **S101582644**

Site ID:	33735
Site Name:	GOLDEN STATE FUEL
Violation Date:	07-25-2019
Citation:	23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description:	Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes:	Returned to compliance on 07/30/2019.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS,

Site ID:	33735
Site Name:	GOLDEN STATE FUEL
Violation Date:	07-25-2019
Citation:	23 CCR 16 2637(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637(f)
Violation Description:	Failure to submit a copy of the secondary containment test results on the Secondary Containment Testing report Form to the UPA within 30 days after the test.
Violation Notes:	Returned to compliance on 07/30/2019.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST
Violation Source:	CERS,

Site ID:	33735
Site Name:	GOLDEN STATE FUEL
Violation Date:	07-25-2019
Citation:	HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 07/30/2019.
Violation Division:	Los Angeles County Department of Public Works
Violation Program:	UST

SHELL OIL COMPANY # 204-5112-0917 (Continued) **S101582644**

Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-24-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-29-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Brian Gryder, Manager. No significant violations observed at time of inspection.
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-02-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: SB989 11/02/15.CTLS JULY 2015.SW PIPING MONITORED MONTHLY WITH 0.2 GPH LINE TEST.EPLLD ON ALL TURBINES.RESULTS ATTACHED TO DO REPORTS.
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Nasser El-Radi, Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-26-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Nasser El-Radi, Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-13-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: CTLS 07/13/18; SB989 11/2/15; ALL SPILL BUCKETS PASSED; ALL SUMPS & ANN SP DRY; ALL SENSORS AND VR TAG; UDC'S DRY; SITE LOG CURRENT.
Eval Division: Los Angeles County Department of Public Works

SHELL OIL COMPANY # 204-5112-0917 (Continued) **S101582644**

Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-24-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTED BY A. NG CONSENT GIVEN BY RINA ELRADI
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-24-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: INSPECTED BY A. NG CONSENT GIVEN BY RINA ELRADI
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-09-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: CTLS 07/09/20; ALL SUMPS AND UDC'S DRY; DRY AN.SP.; ALL SENS AND V.R . TAGGED; SITE LOG CURRENT AND CERS UPDATED.
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-13-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: CTLS 07/13/17.SB989 11/02/15.0.2 GPH LINE TEST FOR SW PIPING CONFIRM ED PASSED EVERY MONTH.SUMPS DRY.VR208 IN SUMPS.VR301 ANNULAR.
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-14-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: SINGLE WALLED PIPING: 0.2 GPH PERFORMED MONTHLY, ALL PASSED; CERS CORRECTIONS: MON PLAN, TANK INFO; 89 CONVERTED TO DIESEL; CERS NOVC.
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-25-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: NOVC ISSUED FOR 2019 OVFL AND SB989.ERRORS ON CERS.CTLS 07/25/19. 0.2 GPH MONTHLY LINE TEST RESULTS STAPLED TO DO REPORTS.

SHELL OIL COMPANY # 204-5112-0917 (Continued) **S101582644**

Eval Division:	Los Angeles County Department of Public Works
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-24-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-29-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Brian Gryder, Manager. No significant violations observed at time of inspection.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,

Coordinates:

Site ID:	33735
Facility Name:	GOLDEN STATE FUEL
Env Int Type Code:	HWG
Program ID:	10274905
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	34.035100
Longitude:	-118.117700

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000,
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Quad Fuel Inc.
Entity Title:	Not reported
Affiliation Address:	430 Potrero Grande Dr
Affiliation City:	MONTEREY PARK
Affiliation State:	Ca
Affiliation Country:	United States
Affiliation Zip:	91755
Affiliation Phone:	(323) 722-4664,
Affiliation Type Desc:	Legal Owner
Entity Name:	Quad Fuel Inc.

SHELL OIL COMPANY # 204-5112-0917 (Continued) **S101582644**

Entity Title:	Not reported
Affiliation Address:	430 Potrero Grande Dr
Affiliation City:	Monterey Park
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91755
Affiliation Phone:	(323) 722-4664,
Affiliation Type Desc:	Property Owner
Entity Name:	Quad Fuel Inc.
Entity Title:	Not reported
Affiliation Address:	430 Potrero Grande Dr
Affiliation City:	Monterey Park
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91755
Affiliation Phone:	(323) 722-4664,
Affiliation Type Desc:	Document Preparer
Entity Name:	Rodi Gino Elradi
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	430 Potrero Grande Dr
Affiliation City:	Monterey Park
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91755
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Rodi Gino Elradi
Entity Title:	President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Quad Fuel Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(323) 722-4664,

SHELL OIL COMPANY # 204-5112-0917 (Continued) **S101582644**

Affiliation Type Desc:	Parent Corporation
Entity Name:	GOLDEN STATE FUEL
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	TINA ELRADI
Entity Title:	Authorized Representative
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(323) 722-4664,

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Quad Fuel Inc.
Entity Title:	Not reported
Affiliation Address:	430 Potrero Grande Dr
Affiliation City:	MONTEREY PARK
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91755
Affiliation Phone:	(323) 722-4664,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Tina Elradi
Entity Title:	Not reported
Affiliation Address:	430 Potrero Grande Dr
Affiliation City:	Monterey Park
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91755
Affiliation Phone:	,

Affiliation Type Desc:	UST Tank Operator
Entity Name:	Quad Fuel Inc.
Entity Title:	Not reported
Affiliation Address:	430 Potrero Grande Dr
Affiliation City:	MONTEREY PARK
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91755
Affiliation Phone:	(323) 722-4664,

HWTS:

Name:	GOLDEN STATE FUEL
Address:	430 POTRERO GRANDE DR
Address 2:	Not reported
City,State,Zip:	MONTEREY PARK, CA 91755
EPA ID:	CAL000387522

SHELL OIL COMPANY # 204-5112-0917 (Continued) **S101582644**

Inactive Date:	Not reported
Create Date:	07/18/2013
Last Act Date:	08/24/2020
Mailing Name:	Not reported
Mailing Address:	430 POTRERO GRANDE DR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MONTEREY PARK, CA 917550000
Owner Name:	QUAD FUEL INC
Owner Address:	430 POTRERO GRANDE DR
Owner Address 2:	Not reported
Owner City,State,Zip:	MONTEREY PARK, CA 917550000
Contact Name:	TINA EL-RADI
Contact Address:	430 POTRERO GRANDE DR
Contact Address 2:	Not reported
City,State,Zip:	MONTEREY PARK, CA 91755

NAICS:

EPA ID:	CAL000387522
Create Date:	2013-07-18 09:22:19.937
NAICS Code:	44719
NAICS Description:	Other Gasoline Stations
Issued EPA ID Date:	2013-07-18 09:22:19.92000
Inactive Date:	Not reported
Facility Name:	GOLDEN STATE FUEL
Facility Address:	430 POTRERO GRANDE DR
Facility Address 2:	Not reported
Facility City:	MONTEREY PARK
Facility County:	Not reported
Facility State:	CA
Facility Zip:	91755

Name:	MONTEREY PARK FUEL N FOOD
Address:	430 POTRERO GRANDE DR
Address 2:	Not reported
City,State,Zip:	MONTEREY PARK, CA 917557324
EPA ID:	CAL000368410
Inactive Date:	06/30/2012
Create Date:	10/19/2011
Last Act Date:	04/02/2013
Mailing Name:	Not reported
Mailing Address:	430 POTRERO GRANDE DR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MONTEREY PARK, CA 917557324
Owner Name:	TANAL HOUMANI
Owner Address:	430 POTRERO GRANDE DR
Owner Address 2:	Not reported
Owner City,State,Zip:	MONTEREY PARK, CA 917557324
Contact Name:	TANAL HOUMANI
Contact Address:	430 POTRERO GRANDE DR
Contact Address 2:	Not reported
City,State,Zip:	MONTEREY PARK, CA 917557324

NAICS:

EPA ID:	CAL000368410
Create Date:	2011-10-19 10:33:02.680
NAICS Code:	44719
NAICS Description:	Other Gasoline Stations

SHELL OIL COMPANY # 204-5112-0917 (Continued) **S101582644**

Issued EPA ID Date:	2011-10-19 10:33:02.64700
Inactive Date:	2012-06-30 00:00:00
Facility Name:	MONTEREY PARK FUEL N FOOD
Facility Address:	430 POTRERO GRANDE DR
Facility Address 2:	Not reported
Facility City:	MONTEREY PARK
Facility County:	Not reported
Facility State:	CA
Facility Zip:	917557324

83
WSW
1/2-1
0.891 mi.
4707 ft.

AMCAL MULTI-HOUSING
1427-33 S.GARVEY AVE.
POMONA, CA 91766

ENVIROSTOR **S106893785**
N/A

Relative:
Lower

Actual:
258 ft.

ENVIROSTOR:

Name:	AMCAL MULTI-HOUSING
Address:	1427-33 S.GARVEY AVE.
City,State,Zip:	POMONA, CA 91766
Facility ID:	19950003
Status:	Refer: 1248 Local Agency
Status Date:	06/04/2003
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Cypress
Assembly:	60
Senate:	Not reported
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not Applicable
Latitude:	34.03359
Longitude:	-118.1301
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	19950003
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported

AMCAL MULTI-HOUSING (Continued) **S106893785**

Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Count: 1 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MONTEBELLO	S126983281	CALIFORNIA DISPOSAL CO TRANSFER ST	TAYLOR STREET	90640	SWF/LF

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 07/12/2021
Date Data Arrived at EDR: 08/06/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 77

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/08/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/23/2021
Date Data Arrived at EDR: 08/23/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/18/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/23/2021
Date Data Arrived at EDR: 08/23/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/19/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/21/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 85

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/08/2021
Date Data Arrived at EDR: 11/09/2021
Date Made Active in Reports: 01/28/2022
Number of Days to Update: 80

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/09/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/20/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/30/2021
Number of Days to Update: 84
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 08/18/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 12/03/2021
Number of Days to Update: 86

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 06/01/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/20/2021
Date Data Arrived at EDR: 09/21/2021
Date Made Active in Reports: 12/08/2021
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/10/2021
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 68

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 82

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 11/23/2021
Number of Days to Update: 12

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85
Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Quarterly

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 12/01/2019
Date Data Arrived at EDR: 08/19/2021
Date Made Active in Reports: 10/28/2021
Number of Days to Update: 70
Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 12/10/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 12/01/2021
Number of Days to Update: 84
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18
Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/25/2021
Date Data Arrived at EDR: 09/03/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/12/2021
Date Data Arrived at EDR: 09/13/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 15

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 08/10/2021
Date Data Arrived at EDR: 08/17/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 66

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/14/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/08/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/01/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 82

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 40
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/03/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/19/2020
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/02/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 12/27/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/08/2022
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/13/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 89

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 90

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 12/09/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/03/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/09/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 91

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/05/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 91

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/01/2022
Date Data Arrived at EDR: 01/04/2022
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 6
Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/11/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 78
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/20/2021
Date Data Arrived at EDR: 09/21/2021
Date Made Active in Reports: 12/08/2021
Number of Days to Update: 78
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 11/19/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/18/2021
Date Data Arrived at EDR: 08/23/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 81

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 08/24/2021
Date Data Arrived at EDR: 08/25/2021
Date Made Active in Reports: 11/17/2021
Number of Days to Update: 84

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/27/2021
Date Data Arrived at EDR: 09/01/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 79

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Annually

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 78

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 84

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 10/05/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 11/05/2021
Number of Days to Update: 84

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 80

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/05/2021
Date Made Active in Reports: 12/22/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 11/09/2021
Date Made Active in Reports: 01/27/2022
Number of Days to Update: 79
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/09/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 06/04/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 84
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 11/29/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/12/2021
Date Data Arrived at EDR: 03/16/2021
Date Made Active in Reports: 06/01/2021
Number of Days to Update: 77
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/25/2021
Number of Days to Update: 83
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 12/01/2021
Number of Days to Update: 84
Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80
Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85
Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 07/13/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 84
Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29
Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55
Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3
Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/01/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 75

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 11/01/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/22/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 85

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 10/01/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 08/03/2021
Date Made Active in Reports: 10/26/2021
Number of Days to Update: 84

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/09/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 09/17/2021
Number of Days to Update: 86

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 12/21/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 84

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 82

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 82

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 12/22/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 10/08/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 82

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/11/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 81

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 10/13/2021
Date Made Active in Reports: 01/04/2022
Number of Days to Update: 83

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 11

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 09/14/2021
Number of Days to Update: 89

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/26/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/24/2022
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/02/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/11/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/26/2021
Date Data Arrived at EDR: 10/27/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 85

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 11/04/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 81

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 10/29/2021
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/09/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 81

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 09/30/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 75
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 09/30/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 76
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 06/18/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 77
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/02/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 11/02/2021
Number of Days to Update: 90
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 08/11/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/10/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 83

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/09/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/15/2021
Date Data Arrived at EDR: 11/16/2021
Date Made Active in Reports: 02/03/2022
Number of Days to Update: 79

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/10/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/02/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 08/04/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/18/2021
Next Scheduled EDR Contact: 02/27/2022
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/23/2021
Date Data Arrived at EDR: 08/25/2021
Date Made Active in Reports: 11/17/2021
Number of Days to Update: 84

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 04/06/2021
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 04/26/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 79

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 10/21/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 84

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 82

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 09/23/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 78

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 10/26/2021
Date Data Arrived at EDR: 10/27/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 85

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/11/2021
Date Data Arrived at EDR: 11/12/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 81

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/12/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/29/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/06/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1977 SATURN STREET
1977 SATURN STREET
MONTEREY PARK, CA 91755

TARGET PROPERTY COORDINATES

Latitude (North):	34.040468 - 34ˆ 2’ 25.68’’
Longitude (West):	118.114173 - 118ˆ 6’ 51.02’’
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	397152.6
UTM Y (Meters):	3767008.2
Elevation:	382 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12021687 EL MONTE, CA
Version Date:	2018
West Map:	12021699 LOS ANGELES, CA
Version Date:	2018

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

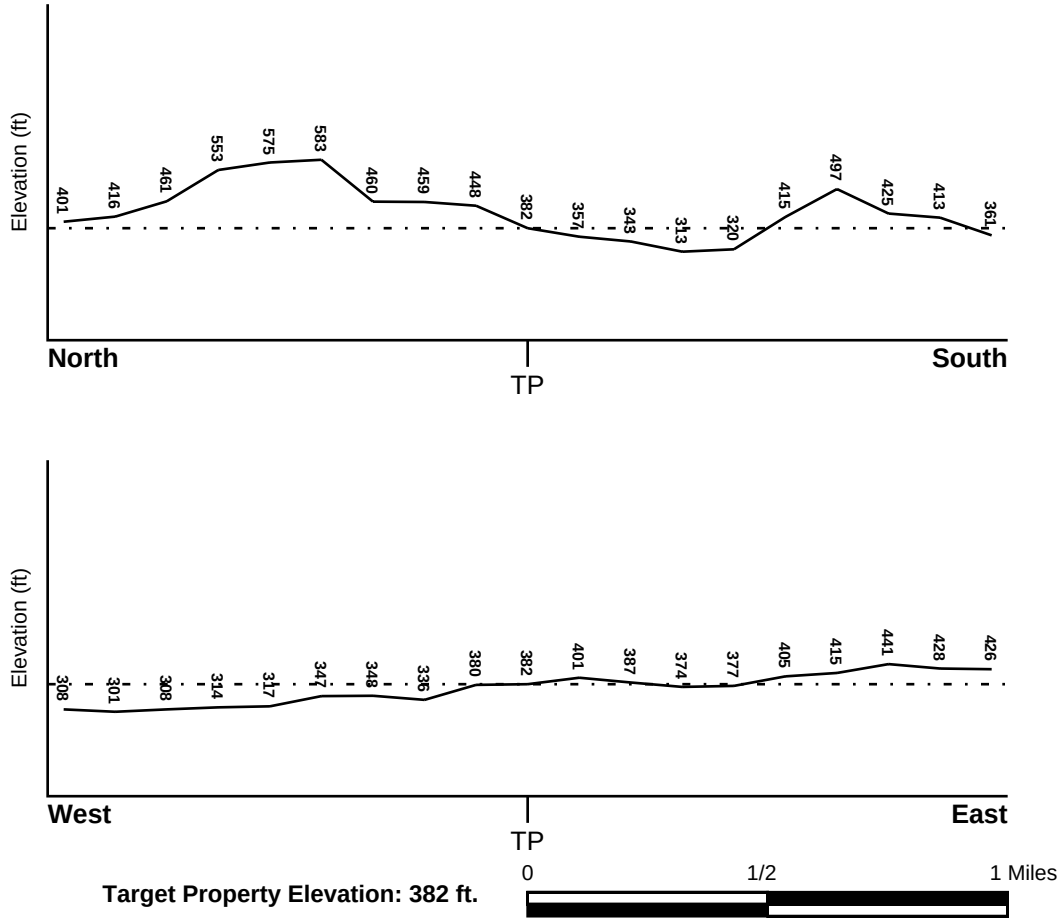
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06037C1665F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06037C1645F	FEMA FIRM Flood data
06037C1663F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
EL MONTE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Tertiary
Series:	Pliocene
Code:	Tp *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:
sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Surficial Soil Types:
sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Shallow Soil Types:
fine sandy loam
gravelly - loam
sandy clay
sandy clay loam
clay
silty clay
sand

Deeper Soil Types:
gravelly - sandy loam
sandy loam
very gravelly - sandy loam
stratified
very fine sandy loam
weathered bedrock
sand
gravelly - fine sandy loam
silty clay loam
clay loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C21	USGS40000140067	1/2 - 1 Mile WNW
D25	USGS40000139914	1/2 - 1 Mile SW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CAEDF0000097200	1/4 - 1/2 Mile SSW
A2	CAEDF0000079709	1/4 - 1/2 Mile SSW
A3	CAEDF0000051848	1/4 - 1/2 Mile SSW
A4	CAEDF0000066036	1/4 - 1/2 Mile SSW
A5	CAEDF0000082768	1/4 - 1/2 Mile SSW
6	CADWR0000016222	1/4 - 1/2 Mile NNW
7	2782	1/2 - 1 Mile SSW
8	22851	1/2 - 1 Mile NNW
9	CADWR0000029378	1/2 - 1 Mile ENE
B10	CAEDF0000100983	1/2 - 1 Mile SW
B11	CAEDF0000021211	1/2 - 1 Mile SW
B12	CAEDF0000093704	1/2 - 1 Mile SW
B13	CAEDF0000089971	1/2 - 1 Mile SW
B14	CAEDF0000110034	1/2 - 1 Mile SW
B15	CAEDF0000101583	1/2 - 1 Mile SW
B16	CAEDF0000077885	1/2 - 1 Mile SW
C17	CADWR0000011316	1/2 - 1 Mile WNW
C18	CADWR0000006798	1/2 - 1 Mile WNW
C19	CADWR0000017133	1/2 - 1 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
20	CAEDF0000109668	1/2 - 1 Mile SW
D22	CADWR0000003779	1/2 - 1 Mile SW
D23	CADWR0000007540	1/2 - 1 Mile SW
E24	CAEDF0000042457	1/2 - 1 Mile WSW
E26	CAEDF0000134926	1/2 - 1 Mile WSW
E27	CAEDF0000087305	1/2 - 1 Mile WSW
E28	CAEDF0000059224	1/2 - 1 Mile WSW
E29	CAEDF0000128512	1/2 - 1 Mile WSW
30	CADWR0000016116	1/2 - 1 Mile SSE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

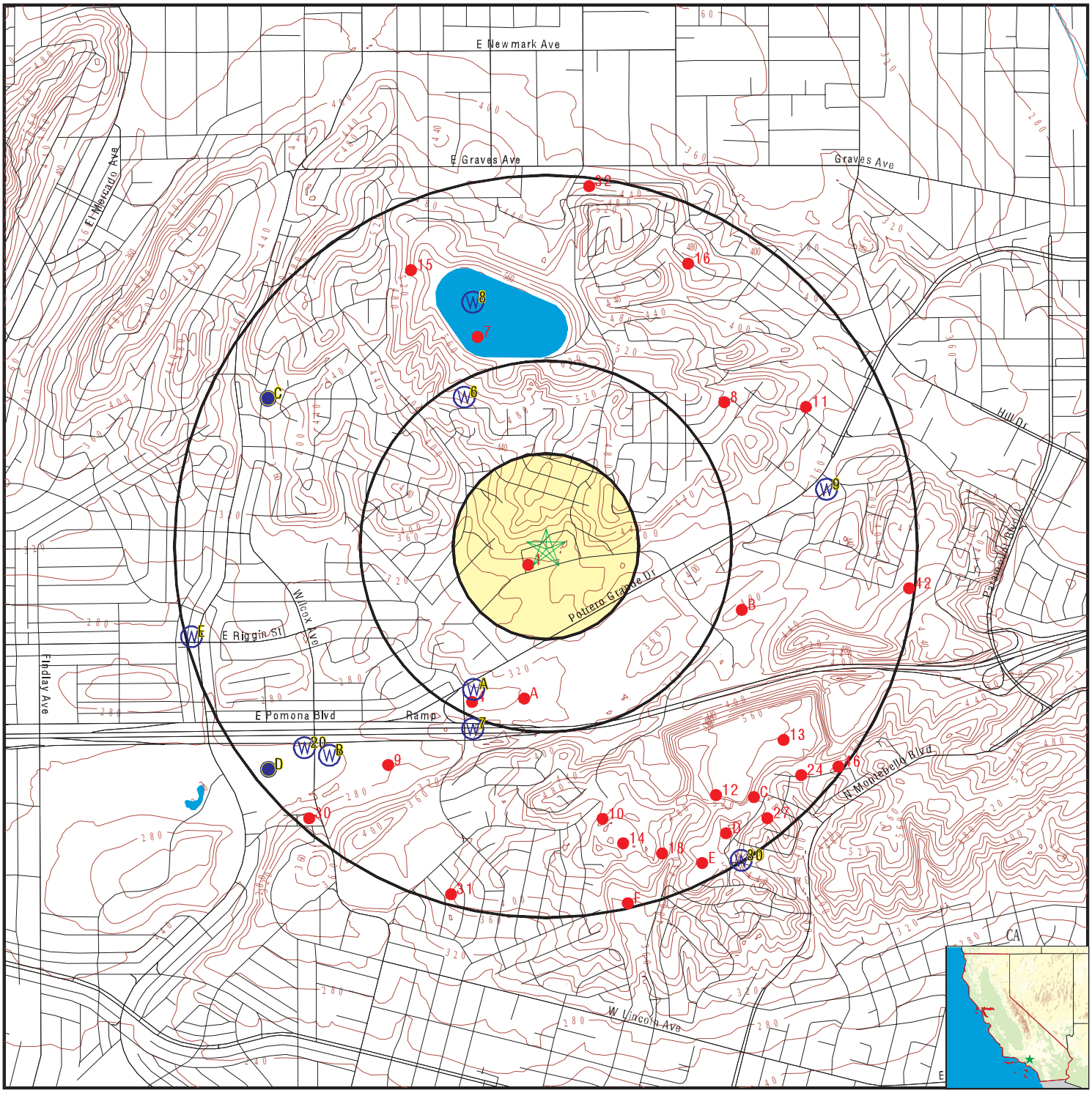
MAP ID	WELL ID	LOCATION FROM TP
1	CAOG14000005891	0 - 1/8 Mile SW
A2	CAOG14000005861	1/4 - 1/2 Mile South
A3	CAOG14000005613	1/4 - 1/2 Mile South
4	CAOG14000005491	1/4 - 1/2 Mile SSW
B5	CAOG14000005367	1/2 - 1 Mile ESE
B6	CAOG14000014308	1/2 - 1 Mile ESE
7	CAOG14000005421	1/2 - 1 Mile NNW
8	CAOG14000005702	1/2 - 1 Mile NE
9	CAOG14000005899	1/2 - 1 Mile SW
10	CAOG14000186375	1/2 - 1 Mile SSE
11	CAOG14000005419	1/2 - 1 Mile ENE
12	CAOG14000185985	1/2 - 1 Mile SE
13	CAOG14000186008	1/2 - 1 Mile SE
14	CAOG14000186728	1/2 - 1 Mile SSE
15	CAOG14000005344	1/2 - 1 Mile NNW
16	CAOG14000005619	1/2 - 1 Mile NNE
C17	CAOG14000186011	1/2 - 1 Mile SE
18	CAOG14000186012	1/2 - 1 Mile SSE
C19	CAOG14000186009	1/2 - 1 Mile SE
C20	CAOG14000186552	1/2 - 1 Mile SE
D21	CAOG14000185946	1/2 - 1 Mile SSE
D22	CAOG14000186475	1/2 - 1 Mile SSE
D23	CAOG14000186010	1/2 - 1 Mile SSE
24	CAOG14000186554	1/2 - 1 Mile SE
E25	CAOG14000186014	1/2 - 1 Mile SSE
D26	CAOG14000186551	1/2 - 1 Mile SSE
27	CAOG14000186148	1/2 - 1 Mile SE
E28	CAOG14000185984	1/2 - 1 Mile SSE
E29	CAOG14000186549	1/2 - 1 Mile SSE
30	CAOG14000186079	1/2 - 1 Mile SW
31	CAOG14000185981	1/2 - 1 Mile SSW
32	CAOG14000005623	1/2 - 1 Mile North
F33	CAOG14000186583	1/2 - 1 Mile SSE
F34	CAOG14000186584	1/2 - 1 Mile South
F35	CAOG14000186598	1/2 - 1 Mile SSE
F36	CAOG14000185913	1/2 - 1 Mile SSE
F37	CAOG14000185920	1/2 - 1 Mile SSE
F38	CAOG14000186258	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
F39	CAOG14000186578	1/2 - 1 Mile SSE
F40	CAOG14000185914	1/2 - 1 Mile SSE
F41	CAOG14000186580	1/2 - 1 Mile SSE
42	CAOG14000005635	1/2 - 1 Mile East
F43	CAOG14000186259	1/2 - 1 Mile SSE
F44	CAOG14000185915	1/2 - 1 Mile SSE
F45	CAOG14000186579	1/2 - 1 Mile SSE
46	CAOG14000186553	1/2 - 1 Mile SE
F47	CAOG14000186582	1/2 - 1 Mile SSE
F49	CAOG14000186262	1/2 - 1 Mile SSE
F48	CAOG14000186260	1/2 - 1 Mile SSE
F50	CAOG14000186263	1/2 - 1 Mile SSE
F51	CAOG14000186264	1/2 - 1 Mile SSE
F52	CAOG14000185919	1/2 - 1 Mile SSE
F53	CAOG14000186600	1/2 - 1 Mile SSE
F54	CAOG14000185916	1/2 - 1 Mile SSE
F55	CAOG14000186261	1/2 - 1 Mile SSE
F56	CAOG14000185921	1/2 - 1 Mile SSE
F57	CAOG14000186581	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 6846152.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	1977 Saturn Street	CLIENT:	Northgate Env. Management, Inc.
ADDRESS:	1977 Saturn Street Monterey Park CA 91755	CONTACT:	Nicky Robinson
		INQUIRY #:	6846152.2s
LAT/LONG:	34.040468 / 118.114173	DATE:	February 04, 2022 8:22 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000097200**

Well ID:	T0603789423-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603789423&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603789423&assigned_name=MW-3		

A2
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000079709**

Well ID:	T0603789423-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603789423&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603789423&assigned_name=MW-4		

A3
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000051848**

Well ID:	T0603789423-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603789423&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603789423&assigned_name=MW-5		

A4
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000066036**

Well ID:	T0603789423-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603789423&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603789423&assigned_name=MW-2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A5
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000082768**

Well ID:	T0603789423-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603789423&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603789423&assigned_name=MW-1		

6
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR0000016222**

Well ID:	01S12W34A001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S12W34A001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S12W34A001S&store_num=		
GeoTracker Data:	Not Reported		

7
SSW
1/2 - 1 Mile
Lower

CA WELLS **2782**

Seq:	2782	Prim sta c:	02S/12W-03C01 S
Frds no:	1910117002	County:	19
District:	07	User id:	4TH
System no:	1910117	Water type:	G
Source nam:	GOLF WELL - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340200.0	Longitude:	1180700.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910117	System nam:	Montebello-City, Water Dept.
Hqname:	Not Reported	Address:	1720 NORTH FIRST STREET
City:	SAN JOSE	State:	CA
Zip:	95112	Zip ext:	Not Reported
Pop serv:	6500	Connection:	1617
Area serve:	MONTEBELLO		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

8
NNW
1/2 - 1 Mile
Higher

CA WELLS **22851**

Seq:	22851	Prim sta c:	G19/092-SYSTM02
Frds no:	1910092016	County:	19
District:	07	User id:	4TH
System no:	1910092	Water type:	G
Source nam:	1980 CLOVER DR. - SYSTEM SAMPLE SITE		
Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY	Latitude:	340300.0
Longitude:	1180700.0	Precision:	5
Status:	DT	Comment 1:	Not Reported
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	1910092	System nam:	Monterey Park-City, Water Dept.
Hqname:	Not Reported	Address:	320 W NEWMARK ST
City:	MONTEREY PARK	State:	CA
Zip:	91754	Zip ext:	Not Reported
Pop serv:	59000	Connection:	12103
Area serve:	MONTEREY PARK		

9
ENE
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000029378**

Well ID:	01S12W35H001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S12W35H001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S12W35H001S&store_num=		
GeoTracker Data:	Not Reported		

B10
SW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000100983**

Well ID:	T0603707637-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603707637&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603707637&assigned_name=MW-6		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B11
SW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000021211**

Well ID:	T0603707637-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603707637&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603707637&assigned_name=MW-8		

B12
SW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000093704**

Well ID:	T0603703746-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703746&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703746&assigned_name=MW-4		

B13
SW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000089971**

Well ID:	T0603703746-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703746&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703746&assigned_name=MW-1		

B14
SW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000110034**

Well ID:	T0603703746-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703746&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703746&assigned_name=MW-2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

B15
SW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000101583**

Well ID:	T0603707637-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603707637&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603707637&assigned_name=MW-7		

B16
SW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000077885**

Well ID:	T0603703746-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603703746&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603703746&assigned_name=MW-5		

C17
WNW
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000011316**

Well ID:	01S12W34C005S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S12W34C005S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S12W34C005S&store_num=		
GeoTracker Data:	Not Reported		

C18
WNW
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000006798**

Well ID:	01S12W34C003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S12W34C003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S12W34C003S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C19
WNW
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000017133**

Well ID:	01S12W34C002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S12W34C002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S12W34C002S&store_num=		
GeoTracker Data:	Not Reported		

20
SW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000109668**

Well ID:	T0603777794-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603777794&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603777794&assigned_name=MW-1		

C21
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000140067**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S012W34C005S	Type:	Well
Description:	Not Reported	HUC:	18070105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

D22
SW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000003779**

Well ID:	02S12W03C002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S12W03C002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S12W03C002S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D23
SW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000007540**

Well ID:	02S12W03C001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S12W03C001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S12W03C001S&store_num=		
GeoTracker Data:	Not Reported		

E24
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000042457**

Well ID:	T0603728224-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603728224&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603728224&assigned_name=MW-2		

D25
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000139914**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S012W03C001S	Type:	Well
Description:	Not Reported	HUC:	18070105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	646
Well Depth Units:	ft	Well Hole Depth:	646
Well Hole Depth Units:	ft		

E26
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000134926**

Well ID:	T0603728224-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603728224&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603728224&assigned_name=MW-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E27
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000087305**

Well ID:	T0603728224-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603728224&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603728224&assigned_name=MW-5		

E28
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000059224**

Well ID:	T0603728224-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603728224&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603728224&assigned_name=MW-1		

E29
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000128512**

Well ID:	T0603728224-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603728224&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603728224&assigned_name=MW-3		

30
SSE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000016116**

Well ID:	02S12W02G001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S12W02G001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02S12W02G001S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
SW
0 - 1/8 Mile

OIL_GAS **CAOG14000005891**

API #:	0403720192	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Monterey Park	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

A2
South
1/4 - 1/2 Mile

OIL_GAS **CAOG14000005861**

API #:	0403712269	Well #:	3
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Lease by Baldwin-Stocker Oil Estates		
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

A3
South
1/4 - 1/2 Mile

OIL_GAS **CAOG14000005613**

API #:	0403705181	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Tri City	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

4
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG14000005491**

API #:	0403705799	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Lease by Repetto Hills Petro. Corp.		
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

Map ID
Direction
Distance

Database EDR ID Number

B5
ESE
1/2 - 1 Mile

OIL_GAS **CAOG14000005367**

API #:	0403705583	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	North Montebello	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

B6
ESE
1/2 - 1 Mile

OIL_GAS **CAOG14000014308**

API #:	0403720748	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Wheeler	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

7
NNW
1/2 - 1 Mile

OIL_GAS **CAOG14000005421**

API #:	0403705702	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Ramsey, Bass & Goodknight Garv		
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

8
NE
1/2 - 1 Mile

OIL_GAS **CAOG14000005702**

API #:	0403706201	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Valley View	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

Map ID
Direction
Distance

Database EDR ID Number

9
SW
1/2 - 1 Mile

OIL_GAS **CAOG14000005899**

API #:	0403720378	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Bishop-MPL	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	Not Reported		

10
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186375**

API #:	0403712553	Well #:	2
Well Status:	Plugged	Well Type:	Oil & Gas
Lease Name:	Monterey	Field Name:	Montebello
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

11
ENE
1/2 - 1 Mile

OIL_GAS **CAOG14000005419**

API #:	0403705700	Well #:	1
Well Status:	Plugged	Well Type:	Oil & Gas
Lease Name:	Lease by Rice Ranch Oil Co.		
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

12
SE
1/2 - 1 Mile

OIL_GAS **CAOG14000185985**

API #:	0403711915	Well #:	2
Well Status:	Plugged	Well Type:	Oil & Gas
Lease Name:	Stocker-Merced	Field Name:	Montebello
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

Map ID
Direction
Distance

Database EDR ID Number

13
SE
1/2 - 1 Mile

OIL_GAS **CAOG14000186008**

API #:	0403711939	Well #:	1
Well Status:	Plugged	Well Type:	Oil & Gas
Lease Name:	Wheeler	Field Name:	Montebello
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

14
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186728**

API #:	0403723898	Well #:	1
Well Status:	Plugged	Well Type:	Oil & Gas
Lease Name:	Monterey	Field Name:	Montebello
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

15
NNW
1/2 - 1 Mile

OIL_GAS **CAOG14000005344**

API #:	0403705157	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Garvey Hills	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	Not Reported		

16
NNE
1/2 - 1 Mile

OIL_GAS **CAOG14000005619**

API #:	0403705660	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Garvey Hills South Unit	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	Not Reported		

Map ID
Direction
Distance

Database EDR ID Number

C17
SE
1/2 - 1 Mile

OIL_GAS **CAOG14000186011**

API #:	0403711942	Well #:	5
Well Status:	Plugged	Well Type:	Waterflood
Lease Name:	Wheeler	Field Name:	Montebello
Area Name:	Main	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

18
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186012**

API #:	0403711943	Well #:	6
Well Status:	Plugged	Well Type:	Oil & Gas
Lease Name:	Wheeler	Field Name:	Montebello
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

C19
SE
1/2 - 1 Mile

OIL_GAS **CAOG14000186009**

API #:	0403711940	Well #:	3
Well Status:	Plugged	Well Type:	Oil & Gas
Lease Name:	Wheeler	Field Name:	Montebello
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

C20
SE
1/2 - 1 Mile

OIL_GAS **CAOG14000186552**

API #:	0403710852	Well #:	135
Well Status:	Plugged	Well Type:	Oil & Gas
Lease Name:	Baldwin	Field Name:	Montebello
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

Map ID
Direction
Distance

Database EDR ID Number

D21
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000185946**

API #:	0403712268	Well #:	2
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Lease by Baldwin-Stocker Oil Estates		
Field Name:	Montebello	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	10/27/1917

D22
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186475**

API #:	0403705190	Well #:	1
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Lease by Baldwin-Stocker Oil Estates		
Field Name:	Montebello	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	05/09/1917

D23
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186010**

API #:	0403711941	Well #:	4
Well Status:	Plugged	Well Type:	Oil & Gas
Lease Name:	Wheeler	Field Name:	Montebello
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

24
SE
1/2 - 1 Mile

OIL_GAS **CAOG14000186554**

API #:	0403710854	Well #:	137
Well Status:	Plugged	Well Type:	Oil & Gas
Lease Name:	Baldwin	Field Name:	Montebello
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

Map ID
Direction
Distance

Database EDR ID Number

E25
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186014**

API #:	0403711945	Well #:	102
Well Status:	Plugged	Well Type:	Oil & Gas
Lease Name:	Wheeler	Field Name:	Montebello
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

D26
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186551**

API #:	0403710851	Well #:	134
Well Status:	Plugged	Well Type:	Oil & Gas
Lease Name:	Baldwin	Field Name:	Montebello
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

27
SE
1/2 - 1 Mile

OIL_GAS **CAOG14000186148**

API #:	0403712354	Well #:	4
Well Status:	Plugged	Well Type:	Oil & Gas
Lease Name:	Baldwin	Field Name:	Montebello
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

E28
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000185984**

API #:	0403711914	Well #:	1
Well Status:	Plugged	Well Type:	Oil & Gas
Lease Name:	Stocker-Merced	Field Name:	Montebello
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

Map ID
Direction
Distance

Database EDR ID Number

E29
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186549**

API #:	0403710849	Well #:	132
Well Status:	Plugged	Well Type:	Oil & Gas
Lease Name:	Baldwin	Field Name:	Montebello
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

30
SW
1/2 - 1 Mile

OIL_GAS **CAOG14000186079**

API #:	0403712012	Well #:	1
Well Status:	Plugged	Well Type:	Oil & Gas
Lease Name:	Lease by Interstate Oil Corp.		
Field Name:	Montebello	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	Not Reported

31
SSW
1/2 - 1 Mile

OIL_GAS **CAOG14000185981**

API #:	0403711911	Well #:	1
Well Status:	Plugged	Well Type:	Oil & Gas
Lease Name:	M.P.L. 2	Field Name:	Montebello
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

32
North
1/2 - 1 Mile

OIL_GAS **CAOG14000005623**

API #:	0403705670	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Garvey	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

Map ID
Direction
Distance

Database EDR ID Number

F33
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186583**

API #:	0403721484	Well #:	21- 2
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	Well Summary
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	09/11/1974		

F34
South
1/2 - 1 Mile

OIL_GAS **CAOG14000186584**

API #:	0403721485	Well #:	22- 1
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	Well Summary
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	07/22/1974		

F35
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186598**

API #:	0403721931	Well #:	23-3
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	Well Summary
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	Not Reported		

F36
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000185913**

API #:	0403700053	Well #:	6-4
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	Not Reported		

Map ID
Direction
Distance

Database EDR ID Number

F37
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000185920**

API #:	0403700550	Well #:	7-5
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	Well Summary
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	08/02/1966		

F38
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186258**

API #:	0403712768	Well #:	1-6
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	Well Summary
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	01/04/1958		

F39
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186578**

API #:	0403721150	Well #:	18- 7
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	Well Summary
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

F40
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000185914**

API #:	0403700054	Well #:	8-8
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	Not Reported		

Map ID
Direction
Distance

Database EDR ID Number

F41
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186580**

API #:	0403721152	Well #:	17- 9
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	Well Summary
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	09/23/1971		

42
East
1/2 - 1 Mile

OIL_GAS **CAOG14000005635**

API #:	0403706000	Well #:	3
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Stocker-Merced	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

F43
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186259**

API #:	0403712769	Well #:	2-10
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	Well Summary
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	06/12/1964		

F44
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000185915**

API #:	0403700055	Well #:	9-11
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	Well Summary
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	Not Reported		

Map ID
Direction
Distance

Database EDR ID Number

F45
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186579**

API #:	0403721151	Well #:	16-12
Well Status:	Idle	Well Type:	Gas Storage
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	Not Reported		

46
SE
1/2 - 1 Mile

OIL_GAS **CAOG14000186553**

API #:	0403710853	Well #:	136
Well Status:	Plugged	Well Type:	Oil & Gas
Lease Name:	Baldwin	Field Name:	Montebello
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

F47
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186582**

API #:	0403721483	Well #:	20-13
Well Status:	Idle	Well Type:	Waterflood
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	Well Summary
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	11/01/1974		

F49
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186262**

API #:	0403712772	Well #:	5-14
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	Well Summary
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	Not Reported		

Map ID
Direction
Distance

Database EDR ID Number

F48
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186260**

API #:	0403712770	Well #:	3-18
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	Well Summary
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	08/05/1964		

F50
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186263**

API #:	0403712773	Well #:	10-15
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	Well Summary
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	05/10/1966		

F51
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186264**

API #:	0403712774	Well #:	11-16
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	Well Summary
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	06/17/1966		

F52
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000185919**

API #:	0403700526	Well #:	12-17
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	Not Reported		

Map ID
Direction
Distance

Database EDR ID Number

F53
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186600**

API #:	0403722200	Well #:	28-19
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	Well Summary
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	Not Reported		

F54
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000185916**

API #:	0403700056	Well #:	13-20
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	Well Summary
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	08/31/1966		

F55
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186261**

API #:	0403712771	Well #:	4-21
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	Well Summary
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	08/25/1965		

F56
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000185921**

API #:	0403700631	Well #:	14-22
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	Well Summary
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	10/06/1966		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

F57
SSE
1/2 - 1 Mile

OIL_GAS **CAOG14000186581**

API #:	0403721482	Well #:	19-23
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Mgs	Field Name:	Montebello
Area Name:	West	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
91755	5	0

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX C

EDR VAPOR ENCROACHMENT SCREEN

1977 Saturn Street
1977 Saturn Street
Monterey Park, CA 91755

Inquiry Number: 6846152.2s
February 28, 2022

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Record Sources and Currency	**GR-1**

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property	1/10	> 1/10
Lists of Federal NPL (Superfund) sites	1.0	0	0	1
Lists of Federal Delisted NPL sites	1.0	0	0	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders	0.5	0	0	1
Lists of Federal CERCLA sites with NFRAP	0.5	0	0	0
Lists of Federal RCRA facilities undergoing Corrective Action	1.0	0	0	1
Lists of Federal RCRA TSD facilities	0.5	0	0	1
Lists of Federal RCRA generators	0.25	1	1	1
Federal institutional controls / engineering controls registries	0.5	0	0	1
Federal ERNS list	0.001	0	0	-
Lists of state- and tribal (Superfund) equivalent sites	1.0	0	0	0
Lists of state- and tribal hazardous waste facilities	1.0	0	1	0
Lists of state and tribal landfills and solid waste disposal facilities	0.5	0	0	0
Lists of state and tribal leaking storage tanks	0.5	0	0	3
Lists of state and tribal registered storage tanks	0.25	2	0	0
State and tribal institutional control / engineering control registries	not searched	-	-	-
Lists of state and tribal voluntary cleanup sites	0.5	0	0	0
Lists of state and tribal brownfield sites	0.5	0	0	0

ADDITIONAL ENVIRONMENTAL RECORDS				
Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	0	0
Local Lists of Hazardous waste / Contaminated Sites	1.0	0	0	1
Local Lists of Registered Storage Tanks	0.25	1	0	1
Local Land Records	0.5	0	0	0
Records of Emergency Release Reports	0.5	0	0	0
Other Ascertainable Records	1.0	8	2	5

EDR HIGH RISK HISTORICAL RECORDS				
EDR Exclusive Records	1.0	0	1	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	1	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

*The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

1977 SATURN STREET
1977 SATURN STREET
MONTEREY PARK, CA 91755

COORDINATES

Latitude (North):	34.040468 - 34° 2′ 25.67871″
Longitude (West):	118.114173 - 118° 6′ 51.026″
Elevation:	382 ft. above sea level

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records.

Site	Database(s)
SANWA BANK CALIFORNIA 1977 SATURN ST MONTEREY PARK, CA 91754	RCRA-SQG EPA ID:: CAD982463895 EPA ID:: CAD982463895 LOS ANGELES CO. HMS Facility ID: 6994-007311 Facility ID: 6994-062151 Facility ID: 6994-I07311 Facility Status: CLOS SWEEPS UST Status: A Comp Number: 7311 Tank Status: A HAZNET GEPAID: CAC002886409 HWTS
SANWA BANK 1977 SATURN ST MONTEREY PARK, CA 91755	UST Facility Id: 7311
EQUITY OFFICE 1977 SATURN ST MONTEREY PARK, CA 91755	RCRA NonGen / NLR EPA ID:: CAC002986628
EQUITY OFFICE 1977 SATURN ST MONTEREY PARK, CA 91755	ECHO Registry ID: 110070439637 FINDS Registry ID:: 110070439637
BRE CA SATURN LLC 1977 SATURN ST MONTEREY PARK, CA 917557418	EMI Facility Id: 63620 LOS ANGELES CO. HMS Facility ID: 6994-065226 Facility ID: 6994-065372 Facility Status: PERM Facility Status: REM

EXECUTIVE SUMMARY

Site	Database(s)
1977 SATURN 1977 SATURN ST MONTEREY PARK, CA 91755	UST Facility Id: LACoFA0024090
BANK OF THE WEST 1977 SATURN ST MONTEREY PARK, CA 917557418	HAZNET GEPAID: CAD982463895 HWTS
BANK OF THE WEST 1977 SATURN ST MONTEREY PARK, CA 91755	FINDS Registry ID:: 110065977090
UNITED CA BANK 1977 SATURN ST MONTEREY PARK, CA 91754	FINDS Registry ID:: 110018947773 ECHO Registry ID: 110018947773
EQUITY OFFICE 1977 SATURN ST MONTEREY PARK, CA 91755	HAZNET GEPAID: CAC002986628 HWTS

EXECUTIVE SUMMARY

SEARCH RESULTS

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
NEW CURE, INC. CONSENT: CONSENT FINDS: FINDS RCRA-SQG: RCRA-SQG US ENG CONTROLS: US ENG CONTROLS SEMS: SEMS CORRACTS: CORRACTS PRP: PRP NPL: NPL ROD: ROD RCRA-TSDF: RCRA-TSDF RAATS: RAATS ICIS: ICIS	2550 GREENWOOD AVENUE	1/10 - 1/3 SSE	Region	11
SANWA BANK CALIFORNIA RCRA-SQG: RCRA-SQG LOS ANGELES CO. HMS: LOS ANGELES CO. HMS SWEEPS UST: SWEEPS UST HAZNET: HAZNET HWTS: HWTS	1977 SATURN ST	Property	▲ A1	76
SANWA BANK UST: UST	1977 SATURN ST	Property	▲ A2	83
1977 SATURN UST: UST	1977 SATURN ST	Property	▲ A6	89
ALPHA PHOTONICS ECHO: ECHO RCRA-SQG: RCRA-SQG FINDS: FINDS	2019 SATURN ST	<1/10 SW	◆ D12	120
ALPHA PHOTONICS, INC. LA Co. Site Mitigation: LA Co. Site Mitigation ENVIROSTOR: ENVIROSTOR LOS ANGELES CO. HMS: LOS ANGELES CO. HMS	2019 SATURN STREET	<1/10 SW	◆ D13	125
MONTEBELLO SERVICE CENTER LUST: LUST Cortese: CORTESE	1000 POTRERO GRANDE DR	1/10 - 1/3 ESE	◆ I14	127
SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER HIST CORTESE: HIST CORTESE LA Co. Site Mitigation: LA Co. Site Mitigation CERS: CERS LUST: LUST NPDES: NPDES Cortese: CORTESE	1000 POTRERO GRANDE DRIVE EAST	1/10 - 1/3 ESE	◆ I15	129
SCE - MESA SUBSTATION	700 E POTRERO GRANDE DR	1/10 - 1/3 SSE	◆ 17	148

EXECUTIVE SUMMARY

Name	Address	Dist/Dir	Map ID	Page
CERS: CERS LUST: LUST LOS ANGELES CO. HMS: LOS ANGELES CO. HMS Cortese: CORTESE				

ADDITIONAL ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
NEW CURE, INC. CONSENT: CONSENT FINDS: FINDS RCRA-SQG: RCRA-SQG US ENG CONTROLS: US ENG CONTROLS SEMS: SEMS CORRACTS: CORRACTS PRP: PRP NPL: NPL ROD: ROD RCRA-TSDF: RCRA-TSDF RAATS: RAATS ICIS: ICIS	2550 GREENWOOD AVENUE	1/10 - 1/3 SSE	Region	
SANWA BANK CALIFORNIA RCRA-SQG: RCRA-SQG LOS ANGELES CO. HMS: LOS ANGELES CO. HMS SWEEPS UST: SWEEPS UST HAZNET: HAZNET HWTS: HWTS	1977 SATURN ST	Property	▲ A1	76
EQUITY OFFICE RCRA NonGen / NLR: RCRA NonGen / NLR	1977 SATURN ST	Property	▲ A3	83
EQUITY OFFICE ECHO: ECHO FINDS: FINDS	1977 SATURN ST	Property	▲ A4	87
BRE CA SATURN LLC EMI: EMI LOS ANGELES CO. HMS: LOS ANGELES CO. HMS	1977 SATURN ST	Property	▲ A5	87
BANK OF THE WEST HAZNET: HAZNET HWTS: HWTS	1977 SATURN ST	Property	▲ A7	90
BANK OF THE WEST FINDS: FINDS	1977 SATURN ST	Property	▲ A8	117
UNITED CA BANK FINDS: FINDS ECHO: ECHO	1977 SATURN ST	Property	▲ A9	117
EQUITY OFFICE HAZNET: HAZNET HWTS: HWTS	1977 SATURN ST	Property	▲ A10	118
ALPHA PHOTONICS	2019 SATURN ST	<1/10 SW	◆ D12	120

EXECUTIVE SUMMARY

Name	Address	Dist/Dir	Map ID	Page
ECHO: ECHO RCRA-SQG: RCRA-SQG FINDS: FINDS				
ALPHA PHOTONICS, INC. LA Co. Site Mitigation: LA Co. Site Mitigation ENVIROSTOR: ENVIROSTOR LOS ANGELES CO. HMS: LOS ANGELES CO. HMS	2019 SATURN STREET	<1/10 SW	◆ D13	125
MONTEBELLO SERVICE CENTER LUST: LUST Cortese: CORTESE	1000 POTRERO GRANDE DR	1/10 - 1/3 ESE	◆ I14	127
SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER HIST CORTESE: HIST CORTESE LA Co. Site Mitigation: LA Co. Site Mitigation CERS: CERS LUST: LUST NPDES: NPDES Cortese: CORTESE	1000 POTRERO GRANDE DRIVE EAST	1/10 - 1/3 ESE	◆ I15	129
SCE MONTEBELLO SERVICE CENTER CERS TANKS: CERS TANKS CERS: CERS NPDES: NPDES SWEEPS UST: SWEEPS UST CA FID UST: CA FID UST CERS HAZ WASTE: CERS HAZ WASTE	1000 POTRERO GRANDE DR	1/10 - 1/3 ESE	◆ I16	135
SCE - MESA SUBSTATION CERS: CERS LUST: LUST LOS ANGELES CO. HMS: LOS ANGELES CO. HMS Cortese: CORTESE	700 E POTRERO GRANDE DR	1/10 - 1/3 SSE	◆ 17	148

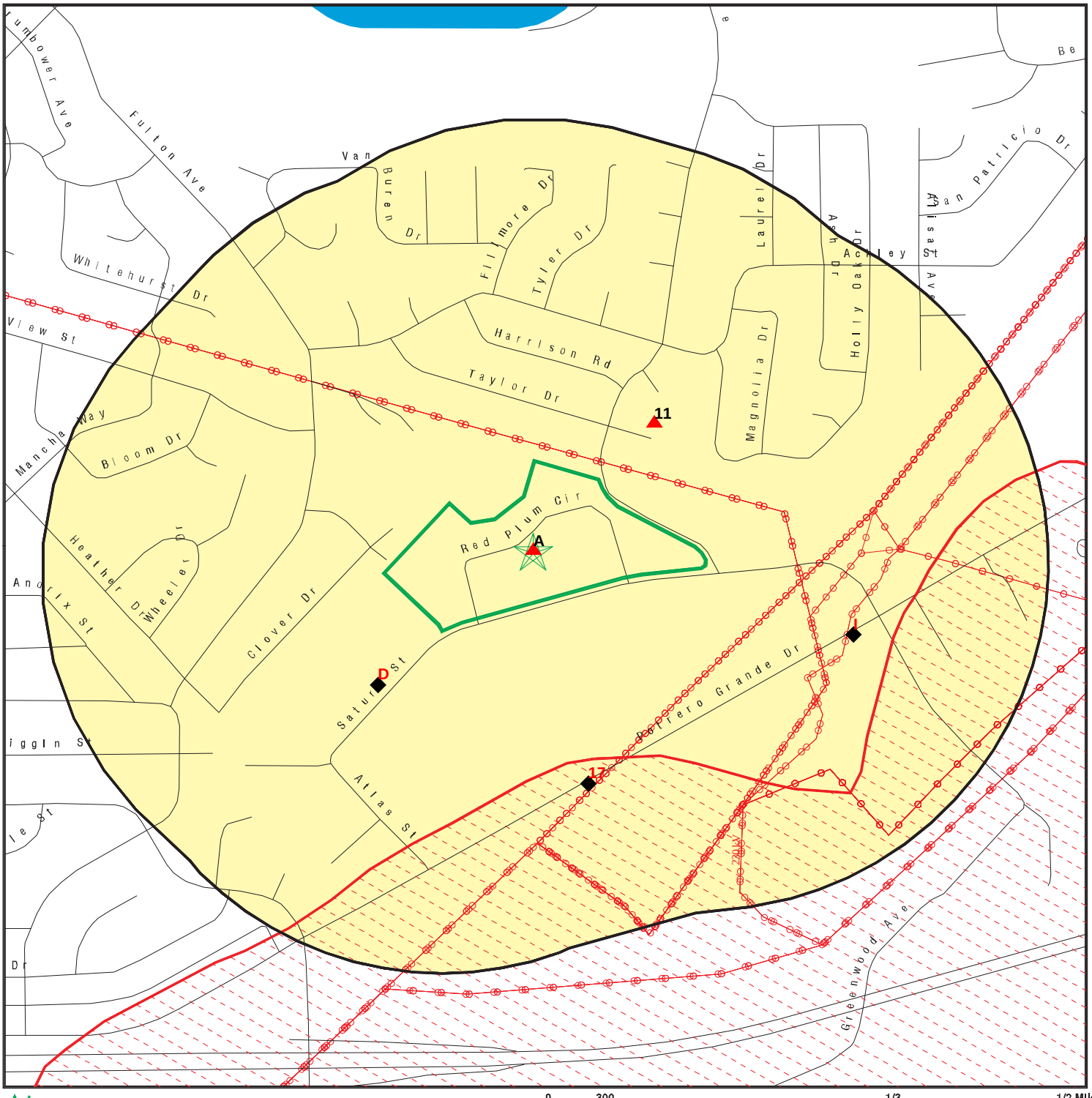
EDR HIGH RISK HISTORICAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
BATES SHELL SERVICE EDR Hist Auto: EDR Hist Auto	745 E TAYLOR DR	<1/10 NE	▲ 11	119

EDR RECOVERED GOVERNMENT ARCHIVES

Name	Address	Dist/Dir	Map ID	Page
Not Reported				

PRIMARY MAP - 6846152.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

Areas of Concern

0 300 1/3 1/2 Miles

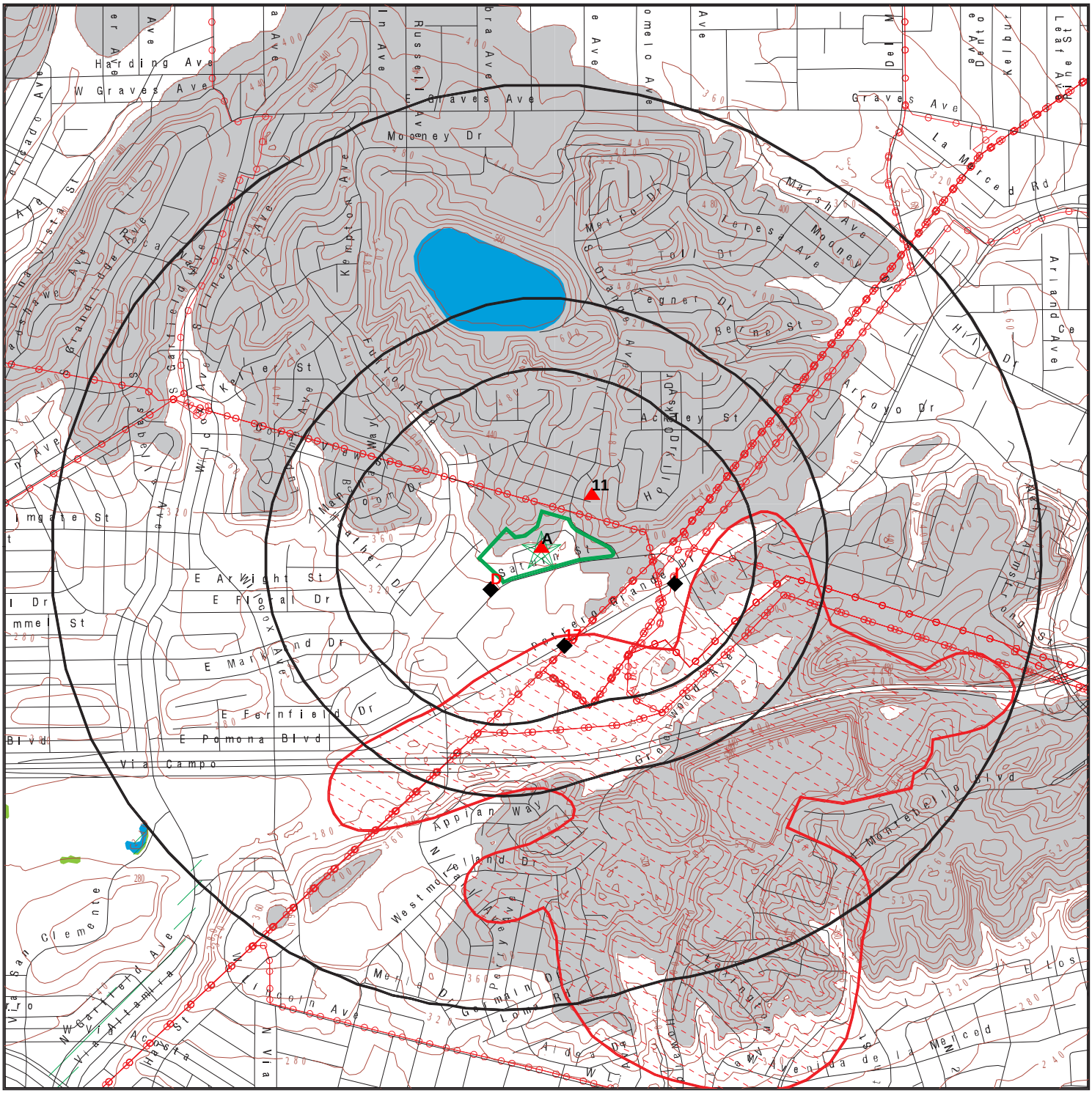
N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	1977 Saturn Street	CLIENT:	Northgate Env. Management, Inc.
ADDRESS:	1977 Saturn Street Monterey Park CA 91755	CONTACT:	Nicky Robinson
		INQUIRY #:	6846152.2s
LAT/LONG:	34.040468 / 118.114173	DATE:	February 04, 2022 8:21 am

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SECONDARY MAP - 6846152.2S



Target Property
Sites at elevations higher than or equal to the target property
Sites at elevations lower than the target property
Manufactured Gas Plants
National Priority List Sites
Dept. Defense Sites

0 1/3 1/2 1 Miles

Indian Reservations BIA
Power transmission lines
Special Flood Hazard Area (1%)
0.2% Annual Chance Flood Hazard
National Wetland Inventory
State Wetlands

Upgradient Area
Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	1977 Saturn Street	CLIENT:	Northgate Env. Management, Inc.
ADDRESS:	1977 Saturn Street Monterey Park CA 91755	CONTACT:	Nicky Robinson
LAT/LONG:	34.040468 / 118.114173	INQUIRY #:	6846152.2s
		DATE:	February 04, 2022 8:20 am

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MAP FINDINGS

LEGEND

FACILITY NAME **FACILITY ADDRESS, CITY, ST, ZIP**		EDR SITE ID NUMBER
◆ **MAP ID#**	Direction Distance Range (Distance feet / miles) Relative Elevation Feet Above Sea Level	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.

Worksheet:

Comments:
Comments may be added on the online Vapor Encroachment Worksheet.

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

NEW CURE, INC. 2550 GREENWOOD AVENUE, MONTEREY PARK, CA, 91755-7419		1000353881
Region	SSE 1/10 - 1/3 (841 ft. / 0.159 mi.)	Lists of Federal NPL (Superfund) sites Lists of Federal sites subject to CERCLA removals and CERCLA orders Lists of Federal RCRA facilities undergoing Corrective Action Lists of Federal RCRA TSD facilities Lists of Federal RCRA generators Federal institutional controls / engineering controls registries Other Ascertainable Records

Worksheet:

Impact on Target Property: VEC does not exist

Comments: The source is not within the area of concern, based on its distance, gradient and suspected chemical of concern (ASTM E 2600: 8.5.2 (1), 8.3.2).

Given the remedial actions, that the PLC system has been documented to be effectively controlling liquids at the perimeter by reversing the groundwater flow gradient with natural attenuation progressing remediation of groundwater int eh downgradient direction, the downgradient location and the regulatory oversight, this facility does not appear to represent a significant potential threat to soil, soil vapor, and/or groundwater at the subject Site.

Conditions:

Both COC & PHC: YES

Groundwater Flow Gradient:

Hydrogeologically: YES

Downgradient: YES

NPL: Lists of Federal NPL (Superfund) sites

EPA Region:	9
EPA ID:	CAT080012024
Site ID:	902673
Name:	OPERATING INDUSTRIES, INC., LANDFILL
Address:	900 N POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91754

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Federal:	N
Final Date:	1986-06-10 00:00:00
Latitude:	34.033333
Longitude:	-118.105556
Site Score:	57.219999999999999
NAI:	Not Reported
Native American Entity:	Not Reported

NPL:

NPL Status:	Currently on the Final NPL
Substance ID:	Not Reported
CAS Number:	Not Reported
Substance:	Not Reported
Pathway:	Not Reported
Scoring:	Not Reported

NPL Status:	Currently on the Final NPL
Substance ID:	C113
CAS Number:	100-42-5
Substance:	STYRENE
Pathway:	NO PATHWAY INDICATED
Scoring:	1

NPL Status:	Currently on the Final NPL
Substance ID:	C470
CAS Number:	25551-13-7
Substance:	TRIMETHYL BENZENE
Pathway:	GROUND WATER PATHWAY
Scoring:	2

NPL Status:	Currently on the Final NPL
Substance ID:	D008
CAS Number:	7439-92-1
Substance:	LEAD (PB)
Pathway:	GROUND WATER PATHWAY
Scoring:	3

NPL Status:	Currently on the Final NPL
Substance ID:	U019
CAS Number:	71-43-2
Substance:	BENZENE
Pathway:	GROUND WATER PATHWAY
Scoring:	2

NPL Status:	Currently on the Final NPL
Substance ID:	U043
CAS Number:	75-01-4
Substance:	VINYL CHLORIDE
Pathway:	AIR PATHWAY
Scoring:	4

NPL Status:	Currently on the Final NPL
Substance ID:	U044

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

CAS Number:	67-66-3
Substance:	CHLOROFORM
Pathway:	GROUND WATER PATHWAY
Scoring:	3
NPL Status:	Currently on the Final NPL
Substance ID:	U188
CAS Number:	108-95-2
Substance:	PHENOL
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	U210
CAS Number:	127-18-4
Substance:	TETRACHLOROETHENE
Pathway:	GROUND WATER PATHWAY
Scoring:	2
NPL Status:	Currently on the Final NPL
Substance ID:	U220
CAS Number:	108-88-3
Substance:	TOLUENE
Pathway:	GROUND WATER PATHWAY
Scoring:	2
NPL Status:	Currently on the Final NPL
Substance ID:	U239
CAS Number:	1330-20-7
Substance:	XYLENE
Pathway:	GROUND WATER PATHWAY
Scoring:	2

Summary Details:

Conditions at proposal October 15, 1984): Operating Industries, Inc., operated a landfill on 190 acres in the City of Monterey Park, Los Angeles County, California. The 45-acre northern section was separated in the 1960s from the southern 145-acre section by the Pomona Freeway. EPA has evidence that the original landfill included at least a portion of both sections.
From l948 to l983, solid and liquid wastes, some ha ardous, were disposed of at the site. Leachate generated by the landfill contains vinyl chloride, ben ene-type compounds, tetrachloroethylene, heavy metals, and other contaminants, according to testing by the Los Angeles County Sanitation District LACSD), the California Department of Health Services CDHS), and the company. In July l983, the South Coast Air Quality Management District SCAQMD) detected vinyl chloride above ambient standards in air at and around the landfill, which is adjacent to a large residential area. SCAQMD,

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

CDHS,and the Los Angeles County Department of Health Services have taken enforcement actions against the facility. About 23,000 people use wells within 3 miles of the site as a source of drinking water. The company acquired Interim Status when it filed Part A of a permit application under Subtitle C of the Resource Conservation and Recovery Act RCRA). The company submitted a draft plan for closing the landfill under RCRA, but CDHS, in conjunction with other State agencies and EPA, determined that the plan had numerous deficiencies, most notably the failure to 1) provide financial assurance requirements for closure and 2) develop an adequate plan for monitoring ground water and for collecting and disposing of leachate. The company has not submitted complete and adequate closure and postclosure documents. Status February 1986): EPA collected gas samples in November 1984 from 16 subsurface probes in an adjacent housing development. Some samplesconfirmedthe presence of methane and vinyl chloride in subsurface soils. Interior home samples collected in November 1984 had low levels of methane and nondetectable levels of vinyl chloride. Elevated levels of methane and vinyl chloride werealso detected in a home adjacent to the landfill in October 1985. EPA installed six monitoring wells around the landfill in 1984-85. Quarterly samples collected since March 1985 contain organic chemicals and trace metals. In July 1985, EPA started planning for a comprehensive remedial investigation to determine the nature and extent of the problems associated with the landfill. When the investigation is complete, various alternatives to remedy the problems will be evaluated in a feasibility study. Interim measures are planned to stabili e and control the landfill, including slope stabili ation and upgrading of existing gas leachate collection systems. EPA trucked leachate to an off-site treatment facility from October 1985 to February 1986, when the State took over. Status June 10, 1986): This site is placed on the NPL because the potentially responsible party declined to initiate work, and CERCLA-funded remedial activities are underway.Thus, the site meets one of the requirements of EPA s policy for placing RCRA-related sites on the NPL.

NPL:

NPL Status:	Currently on the Final NPL
Category Description:	Depth To Aquifer-> 100 Feet
Category Value:	300
NPL Status:	Currently on the Final NPL
Category Description:	Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value:	100

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

NPL:

NPL Name:	OPERATING INDUSTRIES, INC., LANDFILL

NPL:

EPA Region:	09
Site ID:	0902673
Site Status:	F
Federal Site:	N
Date Deleted:	Not Reported
Date Finalized:	06/10/86
Date Proposed:	10/15/84

NPL:

Proposed Date:	10/15/1984
Final Date:	06/10/1986
Deleted Date:	Not Reported
NPL Status:	Final

SEMS: Lists of Federal sites subject to CERCLA removals and CERCLA orders

Site ID:	0902673
EPA ID:	CAT080012024
Name:	OPERATING INDUSTRIES, INC., LANDFILL
Address:	900 N POTRERO GRANDE DR
Address 2:	Not Reported
City,State,Zip:	MONTEREY PARK, CA 91754
Cong District:	27,31,34
FIPS Code:	06037
Latitude:	34.033333
Longitude:	-118.105556
FF:	N
NPL:	Currently on the Final NPL
Non NPL Status:	Not Reported

SEMS Detail:

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	02
Action Code:	FS
Action Name:	FS
SEQ:	1
Start Date:	1985-03-19 06:00:00
Finish Date:	11/16/1987 5:00:00 AM

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	CM
Action Name:	PCOR
SEQ:	1
Start Date:	2012-09-11 05:00:00
Finish Date:	9/11/2012 5:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	RO
Action Name:	ROD
SEQ:	4
Start Date:	1996-09-30 04:00:00
Finish Date:	9/30/1996 4:00:00 AM
Qual:	R
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	5
Start Date:	2010-01-04 05:00:00
Finish Date:	9/27/2010 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

NPL:	F
FF:	N
OU:	00
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	3
Start Date:	2000-08-24 04:00:00
Finish Date:	Not Reported
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	2
Start Date:	1989-07-01 04:00:00
Finish Date:	7/1/1989 4:00:00 AM
Qual:	V
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	6
Start Date:	2014-09-23 05:00:00
Finish Date:	9/25/2015 5:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	4

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Start Date:	2004-12-31 05:00:00
Finish Date:	9/28/2005 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	NP
Action Name:	PROPOSED
SEQ:	1
Start Date:	1984-10-15 05:00:00
Finish Date:	10/15/1984 5:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	CO
Action Name:	RI/FS
SEQ:	1
Start Date:	1989-09-15 04:00:00
Finish Date:	9/30/1996 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	TA
Action Name:	TECH ASSIST
SEQ:	2
Start Date:	1985-12-31 06:00:00
Finish Date:	8/7/2020 5:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	HR
Action Name:	HAZRANK
SEQ:	1
Start Date:	1984-04-01 06:00:00
Finish Date:	4/1/1984 6:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	02
Action Code:	RO
Action Name:	ROD
SEQ:	2
Start Date:	1987-11-16 05:00:00
Finish Date:	11/16/1987 5:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	03
Action Code:	FS
Action Name:	FS
SEQ:	3
Start Date:	1987-09-22 04:00:00
Finish Date:	9/30/1988 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	RI

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Action Name:	RI
SEQ:	1
Start Date:	1985-06-28 05:00:00
Finish Date:	4/1/1986 5:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	RI
Action Name:	RI
SEQ:	2
Start Date:	1986-04-10 05:00:00
Finish Date:	3/30/1990 5:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	NF
Action Name:	NPL FINL
SEQ:	1
Start Date:	1986-06-10 04:00:00
Finish Date:	6/10/1986 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	04
Action Code:	RA
Action Name:	RA
SEQ:	1
Start Date:	1987-09-21 04:00:00
Finish Date:	5/11/1989 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	RV
Action Name:	RMVL
SEQ:	2
Start Date:	1986-10-01 04:00:00
Finish Date:	4/10/1987 4:00:00 AM
Qual:	C
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	1
Start Date:	1995-02-09 05:00:00
Finish Date:	6/21/1995 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1984-01-01 05:00:00
Finish Date:	4/1/1984 6:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

OU:	00
Action Code:	RV
Action Name:	RMVL
SEQ:	3
Start Date:	1987-02-15 05:00:00
Finish Date:	8/1/1987 4:00:00 AM
Qual:	S
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	1
Start Date:	1988-07-19 04:00:00
Finish Date:	Not Reported
Qual:	E
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	RV
Action Name:	RMVL
SEQ:	4
Start Date:	1992-11-23 05:00:00
Finish Date:	3/15/2002 5:00:00 AM
Qual:	C
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	1
Start Date:	1992-12-30 05:00:00
Finish Date:	12/30/1992 5:00:00 AM

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	2
Start Date:	1990-09-06 04:00:00
Finish Date:	9/6/1990 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	RV
Action Name:	RMVL
SEQ:	1
Start Date:	1985-10-08 05:00:00
Finish Date:	8/1/1987 4:00:00 AM
Qual:	S
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	DA
Action Name:	Pre-Dsgn Ast
SEQ:	1
Start Date:	1986-02-03 05:00:00
Finish Date:	9/30/1987 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	1
Start Date:	1985-01-15 06:00:00
Finish Date:	Not Reported
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	TA
Action Name:	TECH ASSIST
SEQ:	1
Start Date:	1985-12-31 06:00:00
Finish Date:	9/30/1987 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	MA
Action Name:	ST COOP
SEQ:	1
Start Date:	1989-04-30 04:00:00
Finish Date:	8/7/2020 5:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	04
Action Code:	RO
Action Name:	ROD
SEQ:	1

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Start Date:	1987-07-31 04:00:00
Finish Date:	7/31/1987 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	03
Action Code:	RO
Action Name:	ROD
SEQ:	3
Start Date:	1988-09-30 04:00:00
Finish Date:	9/30/1988 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1979-11-01 05:00:00
Finish Date:	11/1/1979 5:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	3
Start Date:	2000-01-25 05:00:00
Finish Date:	2/18/2000 5:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	04
Action Code:	FS
Action Name:	FS
SEQ:	2
Start Date:	1987-03-26 05:00:00
Finish Date:	7/31/1987 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1984-04-01 06:00:00
Finish Date:	4/1/1984 6:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	FP
Action Name:	FPA
SEQ:	1
Start Date:	1984-09-24 05:00:00
Finish Date:	10/10/1985 5:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	FE

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Action Name:	5 YEAR
SEQ:	7
Start Date:	2019-10-02 05:00:00
Finish Date:	9/24/2020 5:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	FM
Action Name:	FPA/MA
SEQ:	1
Start Date:	2019-10-31 05:00:00
Finish Date:	Not Reported
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	03
Action Code:	BE
Action Name:	PRP RD
SEQ:	5
Start Date:	1991-09-17 04:00:00
Finish Date:	9/24/1999 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	02
Action Code:	BF
Action Name:	PRP RA
SEQ:	2
Start Date:	1991-07-18 04:00:00
Finish Date:	9/29/1995 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Ovrsght

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	03
Action Code:	OM
Action Name:	OM
SEQ:	3
Start Date:	2005-08-05 04:00:00
Finish Date:	Not Reported
Qual:	Not Reported
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	04
Action Code:	BF
Action Name:	PRP RA
SEQ:	1
Start Date:	1989-05-11 04:00:00
Finish Date:	5/10/1997 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	BE
Action Name:	PRP RD
SEQ:	4
Start Date:	2001-09-28 04:00:00
Finish Date:	5/8/2002 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

OU:	03
Action Code:	BF
Action Name:	PRP RA
SEQ:	6
Start Date:	2006-07-24 04:00:00
Finish Date:	9/22/2010 4:00:00 AM
Qual:	FR
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	03
Action Code:	BE
Action Name:	PRP RD
SEQ:	6
Start Date:	2004-04-27 04:00:00
Finish Date:	7/24/2006 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	OM
Action Name:	OM
SEQ:	1
Start Date:	2013-12-24 05:00:00
Finish Date:	Not Reported
Qual:	Not Reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	04
Action Code:	OM
Action Name:	OM
SEQ:	4
Start Date:	1997-05-10 04:00:00
Finish Date:	Not Reported

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Qual:	Not Reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	OF
Action Name:	O AND F
SEQ:	1
Start Date:	2007-09-30 04:00:00
Finish Date:	12/24/2013 5:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	BF
Action Name:	PRP RA
SEQ:	4
Start Date:	2002-05-08 04:00:00
Finish Date:	9/29/2003 4:00:00 AM
Qual:	IR
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	03
Action Code:	BE
Action Name:	PRP RD
SEQ:	3
Start Date:	1992-04-01 05:00:00
Finish Date:	5/28/1998 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

NPL:	F
FF:	N
OU:	02
Action Code:	OM
Action Name:	OM
SEQ:	2
Start Date:	1995-09-29 04:00:00
Finish Date:	Not Reported
Qual:	Not Reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	03
Action Code:	BF
Action Name:	PRP RA
SEQ:	3
Start Date:	1998-05-28 04:00:00
Finish Date:	9/24/2002 4:00:00 AM
Qual:	FR
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	04
Action Code:	BE
Action Name:	PRP RD
SEQ:	1
Start Date:	1989-05-11 04:00:00
Finish Date:	1/4/1991 5:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	02
Action Code:	BE
Action Name:	PRP RD
SEQ:	2

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Start Date:	1989-05-11 04:00:00
Finish Date:	7/18/1991 4:00:00 AM
Qual:	Not Reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902673
EPA ID:	CAT080012024
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
NPL:	F
FF:	N
OU:	03
Action Code:	BF
Action Name:	PRP RA
SEQ:	5
Start Date:	1999-09-24 04:00:00
Finish Date:	9/24/2002 4:00:00 AM
Qual:	FR
Current Action Lead:	EPA Ovrsght

CORRACTS: Lists of Federal RCRA facilities undergoing Corrective Action

Name:	NEW CURE, INC.
Address:	2550 GREENWOOD AVENUE
Address 2:	Not Reported
EPA ID:	CAT080012024
Area Name:	ENTIRE FACILITY
Corrective Action:	LEAD AGENCY DETERMINATION
Actual Date:	19840401
Air Release Indicator:	Not Reported
Groundwater Release Indicator:	Not Reported
Soil Release Indicator:	Not Reported
Surface Water Release Indicator:	Not Reported
Name:	NEW CURE, INC.
Address:	2550 GREENWOOD AVENUE
Address 2:	Not Reported
EPA ID:	CAT080012024
Area Name:	ENTIRE FACILITY
Corrective Action:	PA OR CERCLA INSPECTION
Actual Date:	19840401
Air Release Indicator:	Not Reported
Groundwater Release Indicator:	Not Reported
Soil Release Indicator:	Not Reported
Surface Water Release Indicator:	Not Reported
Name:	NEW CURE, INC.
Address:	2550 GREENWOOD AVENUE
Address 2:	Not Reported
EPA ID:	CAT080012024
Area Name:	ENTIRE FACILITY

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Corrective Action:	PA OR CERCLA INSPECTION
Actual Date:	19840401
Air Release Indicator:	Not Reported
Groundwater Release Indicator:	Not Reported
Soil Release Indicator:	Not Reported
Surface Water Release Indicator:	Not Reported

Name:	NEW CURE, INC.
Address:	2550 GREENWOOD AVENUE
Address 2:	Not Reported
EPA ID:	CAT080012024
Area Name:	ENTIRE FACILITY
Corrective Action:	NCAPS RANKING/PRIORITY
Actual Date:	19840401
Air Release Indicator:	Not Reported
Groundwater Release Indicator:	Not Reported
Soil Release Indicator:	Not Reported
Surface Water Release Indicator:	Not Reported

Name:	NEW CURE, INC.
Address:	2550 GREENWOOD AVENUE
Address 2:	Not Reported
EPA ID:	CAT080012024
Area Name:	ENTIRE FACILITY
Corrective Action:	CA PRIORITIZATION-HIGH CA PRIORITY
Actual Date:	19840401
Air Release Indicator:	Not Reported
Groundwater Release Indicator:	Not Reported
Soil Release Indicator:	Not Reported
Surface Water Release Indicator:	Not Reported

Name:	NEW CURE, INC.
Address:	2550 GREENWOOD AVENUE
Address 2:	Not Reported
EPA ID:	CAT080012024
Area Name:	ENTIRE FACILITY
Corrective Action:	REFERRED TO A NON-RCRA AUTHORITY-REFERRED TO CERCLA
Actual Date:	19960101
Air Release Indicator:	Not Reported
Groundwater Release Indicator:	Not Reported
Soil Release Indicator:	Not Reported
Surface Water Release Indicator:	Not Reported

RCRA-SQG: Lists of Federal RCRA TSD facilities

Date Form Received by Agency:	20200305
Handler Name:	NEW CURE, INC.
Handler Address:	2550 GREENWOOD AVENUE
Handler City,State,Zip:	MONTEREY PARK, CA 91755-7419
EPA ID:	CAT080012024
Contact Name:	ELEOVARDO ROBLES
Contact Address:	GREENWOOD AVENUE

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Contact City,State,Zip:	MONTEREY PARK, CA 91755
Contact Telephone:	323-720-9775
Contact Fax:	323-720-9905
Contact Email:	DROBLES@OII-LANDFILL.COM
Contact Title:	OPERATIONS MANAGER
EPA Region:	09
Land Type:	Federal
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not Reported
Biennial Report Cycle:	2019
Accessibility:	Not Reported
Active Site Indicator:	Handler Activities
State District Owner:	Not Reported
State District:	Not Reported
Mailing Address:	GREENWOOD AVENUE
Mailing City,State,Zip:	MONTEREY PARK, CA 91755
Owner Name:	EPA SUPERFUND SITE
Owner Type:	Federal
Operator Name:	NEW CURE, INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not Reported
Active Site Converter Treatment storage and Disposal Facility:	Not Reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not Reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	The land is federally-owned, The site is federally-owned
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not Reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Land Disposal
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not Reported

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Permit Workload Universe:	Not Reported
Permit Progress Universe:	Land Disposal
Post-Closure Workload Universe:	Not Reported
Closure Workload Universe:	Not Reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	High
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not Reported
Full Enforcement Universe:	Not Reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not Reported
Handler Date of Last Change:	20201028
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Yes
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year:	2019
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAT080012024&rep_year=2019
Year:	2017
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAT080012024&rep_year=2017
Year:	2013
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAT080012024&rep_year=2013
Year:	2011
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAT080012024&rep_year=2011
Year:	2009

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAT080012024&rep_year=2009
Year:	2007
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAT080012024&rep_year=2007

Hazardous Waste Summary:

Waste Code:	F039
Waste Description:	LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EPA SUPERFUND SITE
Legal Status:	Federal
Date Became Current:	19890501
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW CURE, INC.
Legal Status:	Private
Date Became Current:	19920412
Date Ended Current:	Not Reported
Owner/Operator Address:	Not Reported
Owner/Operator City,State,Zip:	Not Reported
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	O.P.I., INC.
Legal Status:	Private
Date Became Current:	19920412
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9975
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Operator

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Owner/Operator Name:	OPERATING INDUSTRIES, INC.
Legal Status:	Private
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	2425 S. GARFIELD AVENUE
Owner/Operator City,State,Zip:	CITY NOT REPORTED, CA 99999
Owner/Operator Telephone:	213-726-3202
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW CURE, INC.
Legal Status:	Private
Date Became Current:	19920515
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW CURE, INC.
Legal Status:	Private
Date Became Current:	19920515
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW CURE, INC.
Legal Status:	Private
Date Became Current:	19920412
Date Ended Current:	Not Reported
Owner/Operator Address:	Not Reported
Owner/Operator City,State,Zip:	Not Reported
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OPERATING INDUSTRIES, INC.
Legal Status:	Private
Date Became Current:	19910412
Date Ended Current:	Not Reported

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ELEOVARDO ROBLES
Legal Status:	Private
Date Became Current:	19920412
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AHAS INC
Legal Status:	Private
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	1749 S POTRERO GRANDE DR RM E
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	818-336-3636
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AHAS INC
Legal Status:	Private
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	1749 S POTRERO GRANDE DR RM E
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	818-336-3636
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW CURE, INC.
Legal Status:	Private
Date Became Current:	19920515
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775
Owner/Operator Telephone Ext:	Not Reported

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OPERATING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	20000101
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EPA SUPERFUND SITE
Legal Status:	Federal
Date Became Current:	19890501
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EPA SUPERFUND SITE
Legal Status:	Federal
Date Became Current:	19890501
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OPERATING INDUSTRIES, INC.
Legal Status:	Private
Date Became Current:	19910412
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Owner

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Owner/Operator Name:	OPERATING INDUSTRIES, INC.
Legal Status:	Private
Date Became Current:	19920412
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9975
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Historic Generators:

Receive Date:	20100810
Handler Name:	NEW CURE, INC. / OPERATING INDUSTRIES, INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

Receive Date:	20120302
Handler Name:	NEW CURE, INC./OPERATING INDUSTIRES, INC/
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

Receive Date:	20140301
Handler Name:	NEW CURE INC / OPERATING INDUSTRIES INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported
Receive Date:	20181010
Handler Name:	NEW CURE, INC.
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	20200305
Handler Name:	NEW CURE, INC.
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Yes
Electronic Manifest Broker:	No
Receive Date:	19930701
Handler Name:	OPERATING INDS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported
Receive Date:	19970514
Handler Name:	OPERATING INDS INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

Receive Date:	20190206
Handler Name:	NEW CURE, INC.
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	19970514
Handler Name:	OPERATING INDS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

Receive Date:	20080828
Handler Name:	OPERATING INDUSTRIES, INC. NEW CURE, INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	Not Reported

List of NAICS Codes and Descriptions:

NAICS Code:	11531
NAICS Description:	SUPPORT ACTIVITIES FOR FORESTRY

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

NAICS Code:	562
NAICS Description:	WASTE MANAGEMENT AND REMEDIATION SERVICES
NAICS Code:	562211
NAICS Description:	HAZARDOUS WASTE TREATMENT AND DISPOSAL
NAICS Code:	562212
NAICS Description:	SOLID WASTE LANDFILL
NAICS Code:	562213
NAICS Description:	SOLID WASTE COMBUSTORS AND INCINERATORS
NAICS Code:	56291
NAICS Description:	REMEDIATION SERVICES
NAICS Code:	562910
NAICS Description:	REMEDIATION SERVICES

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19871006
Actual Return to Compliance Date:	19900101
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	Not Reported
Date of Enforcement Action:	Not Reported
Enforcement Responsible Agency:	Not Reported
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	Not Reported
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	Not Reported
Enforcement Responsible Person:	Not Reported
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19871223
Actual Return to Compliance Date:	19900101
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	19850926
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19871006

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Actual Return to Compliance Date:	19900101
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	Not Reported
Date of Enforcement Action:	Not Reported
Enforcement Responsible Agency:	Not Reported
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	Not Reported
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	Not Reported
Enforcement Responsible Person:	Not Reported
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19861126
Actual Return to Compliance Date:	19900101
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	19850926
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19870622
Actual Return to Compliance Date:	19900101
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	19850926
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported

Evaluation Action Summary:

Evaluation Date:	19871006
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	19900101
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported

Evaluation Date:	19871223
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	19900101
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported

Evaluation Date:	19871006
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	19900101
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	19861126
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	19900101
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	19870622
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	19900101
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

RCRA-SQG: Lists of Federal RCRA generators

Date Form Received by Agency:	20200305
Handler Name:	NEW CURE, INC.
Handler Address:	2550 GREENWOOD AVENUE
Handler City,State,Zip:	MONTEREY PARK, CA 91755-7419
EPA ID:	CAT080012024
Contact Name:	ELEOVARDO ROBLES
Contact Address:	GREENWOOD AVENUE
Contact City,State,Zip:	MONTEREY PARK, CA 91755
Contact Telephone:	323-720-9775
Contact Fax:	323-720-9905
Contact Email:	DROBLES@OII-LANDFILL.COM
Contact Title:	OPERATIONS MANAGER
EPA Region:	09
Land Type:	Federal
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not Reported
Biennial Report Cycle:	2019
Accessibility:	Not Reported
Active Site Indicator:	Handler Activities
State District Owner:	Not Reported
State District:	Not Reported
Mailing Address:	GREENWOOD AVENUE
Mailing City,State,Zip:	MONTEREY PARK, CA 91755
Owner Name:	EPA SUPERFUND SITE
Owner Type:	Federal
Operator Name:	NEW CURE, INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not Reported
Active Site Converter Treatment storage and Disposal Facility:	Not Reported

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Active Site State-Reg Treatment Storage and Disposal Facility:	Not Reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	The land is federally-owned, The site is federally-owned
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not Reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Land Disposal
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not Reported
Permit Workload Universe:	Not Reported
Permit Progress Universe:	Land Disposal
Post-Closure Workload Universe:	Not Reported
Closure Workload Universe:	Not Reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	High
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not Reported
Full Enforcement Universe:	Not Reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not Reported
Handler Date of Last Change:	20201028
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Yes
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Year:	2019
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAT080012024&rep_year=2019
Year:	2017
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAT080012024&rep_year=2017
Year:	2013
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAT080012024&rep_year=2013
Year:	2011
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAT080012024&rep_year=2011
Year:	2009
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAT080012024&rep_year=2009
Year:	2007
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAT080012024&rep_year=2007

Hazardous Waste Summary:

Waste Code:	F039
Waste Description:	LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EPA SUPERFUND SITE
Legal Status:	Federal
Date Became Current:	19890501
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW CURE, INC.
Legal Status:	Private
Date Became Current:	19920412
Date Ended Current:	Not Reported
Owner/Operator Address:	Not Reported
Owner/Operator City,State,Zip:	Not Reported
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Operator

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Owner/Operator Name:	O.P.I., INC.
Legal Status:	Private
Date Became Current:	19920412
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9975
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OPERATING INDUSTRIES, INC.
Legal Status:	Private
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	2425 S. GARFIELD AVENUE
Owner/Operator City,State,Zip:	CITY NOT REPORTED, CA 99999
Owner/Operator Telephone:	213-726-3202
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW CURE, INC.
Legal Status:	Private
Date Became Current:	19920515
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW CURE, INC.
Legal Status:	Private
Date Became Current:	19920515
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW CURE, INC.
Legal Status:	Private
Date Became Current:	19920412
Date Ended Current:	Not Reported

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Owner/Operator Address:	Not Reported
Owner/Operator City,State,Zip:	Not Reported
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OPERATING INDUSTRIES, INC.
Legal Status:	Private
Date Became Current:	19910412
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ELEOVARDO ROBLES
Legal Status:	Private
Date Became Current:	19920412
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AHAS INC
Legal Status:	Private
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	1749 S POTRERO GRANDE DR RM E
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	818-336-3636
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AHAS INC
Legal Status:	Private
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	1749 S POTRERO GRANDE DR RM E
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	818-336-3636
Owner/Operator Telephone Ext:	Not Reported

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW CURE, INC.
Legal Status:	Private
Date Became Current:	19920515
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OPERATING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	20000101
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EPA SUPERFUND SITE
Legal Status:	Federal
Date Became Current:	19890501
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EPA SUPERFUND SITE
Legal Status:	Federal
Date Became Current:	19890501
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9775
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	323-720-9905
Owner/Operator Email:	DROBLES@OII-LANDFILL.COM
Owner/Operator Indicator:	Owner

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Owner/Operator Name:	OPERATING INDUSTRIES, INC.
Legal Status:	Private
Date Became Current:	19910412
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OPERATING INDUSTRIES, INC.
Legal Status:	Private
Date Became Current:	19920412
Date Ended Current:	Not Reported
Owner/Operator Address:	2550 GREENWOOD AVENUE
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-720-9975
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Historic Generators:

Receive Date:	20100810
Handler Name:	NEW CURE, INC. / OPERATING INDUSTRIES, INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

Receive Date:	20120302
Handler Name:	NEW CURE, INC./OPERATING INDUSTIRES, INC/
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Receive Date:	20140301
Handler Name:	NEW CURE INC / OPERATING INDUSTRIES INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

Receive Date:	20181010
Handler Name:	NEW CURE, INC.
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20200305
Handler Name:	NEW CURE, INC.
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Yes
Electronic Manifest Broker:	No

Receive Date:	19930701
Handler Name:	OPERATING INDS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported
Receive Date:	19970514
Handler Name:	OPERATING INDS INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported
Receive Date:	20190206
Handler Name:	NEW CURE, INC.
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	19970514
Handler Name:	OPERATING INDS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported
Receive Date:	20080828
Handler Name:	OPERATING INDUSTRIES, INC. NEW CURE, INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

List of NAICS Codes and Descriptions:

NAICS Code:	11531
NAICS Description:	SUPPORT ACTIVITIES FOR FORESTRY
NAICS Code:	562
NAICS Description:	WASTE MANAGEMENT AND REMEDIATION SERVICES
NAICS Code:	562211
NAICS Description:	HAZARDOUS WASTE TREATMENT AND DISPOSAL
NAICS Code:	562212
NAICS Description:	SOLID WASTE LANDFILL
NAICS Code:	562213
NAICS Description:	SOLID WASTE COMBUSTORS AND INCINERATORS
NAICS Code:	56291
NAICS Description:	REMEDIATION SERVICES
NAICS Code:	562910
NAICS Description:	REMEDIATION SERVICES

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19871006
Actual Return to Compliance Date:	19900101
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	Not Reported
Date of Enforcement Action:	Not Reported
Enforcement Responsible Agency:	Not Reported
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	Not Reported
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Enforcement Type:	Not Reported
Enforcement Responsible Person:	Not Reported
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19871223
Actual Return to Compliance Date:	19900101
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	19850926
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19871006
Actual Return to Compliance Date:	19900101
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	Not Reported
Date of Enforcement Action:	Not Reported
Enforcement Responsible Agency:	Not Reported
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	Not Reported
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	Not Reported
Enforcement Responsible Person:	Not Reported
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19861126
Actual Return to Compliance Date:	19900101

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	19850926
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19870622
Actual Return to Compliance Date:	19900101
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	001
Date of Enforcement Action:	19850926
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	No
Appeal Initiated Date:	Not Reported

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported

Evaluation Action Summary:

Evaluation Date:	19871006
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	19900101
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported

Evaluation Date:	19871223
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	19900101
Scheduled Compliance Date:	Not Reported

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	19871006
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	19900101
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	19861126
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	19900101
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported
Evaluation Date:	19870622
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	19900101
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

SIte: Federal institutional controls / engineering controls registries

Name:	OPERATING INDUSTRIES, INC., LANDFILL
Address:	900 N POTRERO GRANDE DR
Address 2:	Not Reported
City,State,Zip:	MONTEREY PARK, CA 91754
Event Code:	Not Reported
Action Taken Date:	09/30/1996
EPA ID:	CAT080012024
Action Name:	Record of Decision
Action ID:	4
Operable Unit:	01
Contaminated Media:	Leachate
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Federal Facility:	N
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556

Media:

EPA ID:	CAT080012024
Contaminated Media:	Groundwater
Action ID:	4
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/30/1996
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Federal Facility:	N
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Longitude:	-118.105556
EPA ID:	CAT080012024
Contaminated Media:	Landfill Gas
Action ID:	1
Operable Unit:	03
Action Name:	ROD Amendment
Action Taken Date:	09/28/1990
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Federal Facility:	N
Fiscal Year:	1990
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556
EPA ID:	CAT080012024
Contaminated Media:	Air
Action ID:	1
Operable Unit:	04
Action Name:	Record of Decision
Action Taken Date:	07/31/1987
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Federal Facility:	N
Fiscal Year:	1987
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556
EPA ID:	CAT080012024
Contaminated Media:	Leachate
Action ID:	1
Operable Unit:	04
Action Name:	Record of Decision
Action Taken Date:	07/31/1987
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Federal Facility:	N
Fiscal Year:	1987
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Longitude:	-118.105556
EPA ID:	CAT080012024
Contaminated Media:	Air
Action ID:	1
Operable Unit:	04
Action Name:	Record of Decision
Action Taken Date:	07/31/1987
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Federal Facility:	N
Fiscal Year:	1987
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556
EPA ID:	CAT080012024
Contaminated Media:	Leachate
Action ID:	1
Operable Unit:	04
Action Name:	Record of Decision
Action Taken Date:	07/31/1987
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Federal Facility:	N
Fiscal Year:	1987
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556
EPA ID:	CAT080012024
Contaminated Media:	Leachate
Action ID:	2
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	11/16/1987
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Federal Facility:	N
Fiscal Year:	1988
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Longitude:	-118.105556
EPA ID:	CAT080012024
Contaminated Media:	Leachate
Action ID:	2
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	11/16/1987
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Federal Facility:	N
Fiscal Year:	1988
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556
EPA ID:	CAT080012024
Contaminated Media:	Leachate
Action ID:	2
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	11/16/1987
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Federal Facility:	N
Fiscal Year:	1988
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556
EPA ID:	CAT080012024
Contaminated Media:	Leachate
Action ID:	2
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	11/16/1987
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Federal Facility:	N
Fiscal Year:	1988
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Longitude:	-118.105556
EPA ID:	CAT080012024
Contaminated Media:	Landfill Gas
Action ID:	3
Operable Unit:	03
Action Name:	Record of Decision
Action Taken Date:	09/30/1988
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Federal Facility:	N
Fiscal Year:	1988
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556
EPA ID:	CAT080012024
Contaminated Media:	Landfill Gas
Action ID:	3
Operable Unit:	03
Action Name:	Record of Decision
Action Taken Date:	09/30/1988
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Federal Facility:	N
Fiscal Year:	1988
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556
EPA ID:	CAT080012024
Contaminated Media:	Landfill Gas
Action ID:	3
Operable Unit:	03
Action Name:	Record of Decision
Action Taken Date:	09/30/1988
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Federal Facility:	N
Fiscal Year:	1988
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Longitude:	-118.105556
EPA ID:	CAT080012024
Contaminated Media:	Leachate
Action ID:	4
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/30/1996
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Federal Facility:	N
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556
EPA ID:	CAT080012024
Contaminated Media:	Leachate
Action ID:	4
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/30/1996
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Federal Facility:	N
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556
EPA ID:	CAT080012024
Contaminated Media:	Leachate
Action ID:	4
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/30/1996
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Federal Facility:	N
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Longitude:	-118.105556
EPA ID:	CAT080012024
Contaminated Media:	Leachate
Action ID:	4
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/30/1996
Event Code:	Not Reported
Contact Name:	Not Reported
Contact Telephone:	Not Reported
Event:	Not Reported
Federal Facility:	N
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.033333
Longitude:	-118.105556

ROD: Other Ascertainable Records

Name:	OPERATING INDUSTRIES, INC., LANDFILL
Address:	900 N POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91754
EPA ID:	CAT080012024
RG:	9
Site ID:	902673
Action:	GOVT Decision Document (ROD)
Operable Unit Number:	SITE CONTROL & MONIT LTR AGREE
SEQ ID:	1
Action Completion:	1987-07-31 00:00:00
NPL Status:	Final
Non NPL Status:	Not Reported
Name:	OPERATING INDUSTRIES, INC., LANDFILL
Address:	900 N POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91754
EPA ID:	CAT080012024
RG:	9
Site ID:	902673
Action:	GOVT Decision Document (ROD)
Operable Unit Number:	LEACHATE MANAGEMENT
SEQ ID:	2
Action Completion:	1987-11-16 00:00:00
NPL Status:	Final
Non NPL Status:	Not Reported
Name:	OPERATING INDUSTRIES, INC., LANDFILL
Address:	900 N POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91754
EPA ID:	CAT080012024

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

RG:	9
Site ID:	902673
Action:	GOVT Decision Document (ROD)
Operable Unit Number:	GAS/CD3
SEQ ID:	3
Action Completion:	1988-09-30 00:00:00
NPL Status:	Final
Non NPL Status:	Not Reported
Name:	OPERATING INDUSTRIES, INC., LANDFILL
Address:	900 N POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91754
EPA ID:	CAT080012024
RG:	9
Site ID:	902673
Action:	GOVT Decision Document (ROD)
Operable Unit Number:	OVERALL SITE
SEQ ID:	4
Action Completion:	1996-09-30 00:00:00
NPL Status:	Final
Non NPL Status:	Not Reported
Name:	OPERATING INDUSTRIES, INC., LANDFILL
Address:	900 N POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91754
EPA ID:	CAT080012024
RG:	9
Site ID:	902673
Action:	GOVT ROD Amendment
Operable Unit Number:	GAS/CD3
SEQ ID:	1
Action Completion:	1990-09-28 00:00:00
NPL Status:	Final
Non NPL Status:	Not Reported

RAATS: Other Ascertainable Records

Entry No:	1
Facility ID:	CAT080012024
Type:	Not Reported
Docket No:	83-28
Region:	09
Issue Date:	08/02/1983
Final Date:	06/27/1983
Status:	Consent Agreement/Final Order
Additional:	Not Reported
Action ID:	572
Action:	3008 (A)
Violation No:	Not Reported
Viol No Cited:	1 265.90
Total No Cited:	Not Reported

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Reg Type:	CFR
Prop. Penalty:	17,000.00
Final Penalty:	37,200.00
Total Prop. Penalty:	47,200.00
Comments:	Not Reported
Entry No:	1
Facility ID:	CAT080012024
Type:	Not Reported
Docket No:	83-28
Region:	09
Issue Date:	08/02/1983
Final Date:	06/27/1983
Status:	Consent Agreement/Final Order
Additional:	Not Reported
Action ID:	572
Action:	3008 (A)
Violation No:	Not Reported
Viol No Cited:	2 265.91
Total No Cited:	Not Reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	37,200.00
Total Prop. Penalty:	47,200.00
Comments:	Not Reported
Entry No:	1
Facility ID:	CAT080012024
Type:	Not Reported
Docket No:	83-28
Region:	09
Issue Date:	08/02/1983
Final Date:	06/27/1983
Status:	Consent Agreement/Final Order
Additional:	Not Reported
Action ID:	572
Action:	3008 (A)
Violation No:	Not Reported
Viol No Cited:	3 265.92
Total No Cited:	Not Reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	37,200.00
Total Prop. Penalty:	47,200.00
Comments:	Not Reported
Entry No:	1
Facility ID:	CAT080012024
Type:	Not Reported
Docket No:	83-28
Region:	09

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Issue Date:	08/02/1983
Final Date:	06/27/1983
Status:	Consent Agreement/Final Order
Additional:	Not Reported
Action ID:	572
Action:	3008 (A)
Violation No:	Not Reported
Viol No Cited:	4 265.93
Total No Cited:	Not Reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	37,200.00
Total Prop. Penalty:	47,200.00
Comments:	Not Reported

Entry No:	1
Facility ID:	CAT080012024
Type:	Not Reported
Docket No:	83-28
Region:	09
Issue Date:	08/02/1983
Final Date:	06/27/1983
Status:	Consent Agreement/Final Order
Additional:	Not Reported
Action ID:	572
Action:	3008 (A)
Violation No:	Not Reported
Viol No Cited:	5 265.112
Total No Cited:	Not Reported
Reg Type:	CFR
Prop. Penalty:	10,000.00
Final Penalty:	37,200.00
Total Prop. Penalty:	47,200.00
Comments:	Not Reported

Entry No:	1
Facility ID:	CAT080012024
Type:	Not Reported
Docket No:	83-28
Region:	09
Issue Date:	08/02/1983
Final Date:	06/27/1983
Status:	Consent Agreement/Final Order
Additional:	Not Reported
Action ID:	572
Action:	3008 (A)
Violation No:	Not Reported
Viol No Cited:	6 265.142
Total No Cited:	Not Reported
Reg Type:	CFR
Prop. Penalty:	500.00

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Final Penalty:	37,200.00
Total Prop. Penalty:	47,200.00
Comments:	Not Reported
Entry No:	1
Facility ID:	CAT080012024
Type:	Not Reported
Docket No:	83-28
Region:	09
Issue Date:	08/02/1983
Final Date:	06/27/1983
Status:	Consent Agreement/Final Order
Additional:	Not Reported
Action ID:	572
Action:	3008 (A)
Violation No:	Not Reported
Viol No Cited:	7 265.118
Total No Cited:	Not Reported
Reg Type:	CFR
Prop. Penalty:	10,000.00
Final Penalty:	37,200.00
Total Prop. Penalty:	47,200.00
Comments:	Not Reported
Entry No:	1
Facility ID:	CAT080012024
Type:	Not Reported
Docket No:	83-28
Region:	09
Issue Date:	08/02/1983
Final Date:	06/27/1983
Status:	Consent Agreement/Final Order
Additional:	Not Reported
Action ID:	572
Action:	3008 (A)
Violation No:	Not Reported
Viol No Cited:	8 265.144
Total No Cited:	Not Reported
Reg Type:	CFR
Prop. Penalty:	500.00
Final Penalty:	37,200.00
Total Prop. Penalty:	47,200.00
Comments:	Not Reported
Entry No:	1
Facility ID:	CAT080012024
Type:	Not Reported
Docket No:	83-28
Region:	09
Issue Date:	08/02/1983
Final Date:	06/27/1983

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Status:	Consent Agreement/Final Order
Additional:	Not Reported
Action ID:	572
Action:	3008 (A)
Violation No:	Not Reported
Viol No Cited:	9 265 SUBPART H
Total No Cited:	Not Reported
Reg Type:	CFR
Prop. Penalty:	9,200.00
Final Penalty:	37,200.00
Total Prop. Penalty:	47,200.00
Comments:	Not Reported

PRP: Other Ascertainable Records

PRP Name: 7UP/RC BOTTLING COMPANIES OF SOUTHERN CALIFORNIA
A&A WIPING CLOTH COMPANY, INC.
A. J. DAW PRINTING INK CO.
A.B. DICK CO.
AB PLASTICS CORP.
ABBOTT LABORATORIES
ABC UNIFIED SCHOOL DISTRICT
ABM JANITORIAL SVCS. SUCCESSOR AMERICAN BLDG. MAIN
ACCESSORY PLATING
ACCURIDE INTERNATIONAL, INC.
ACTIVE USA, INC
ADAMS RITE AEROSPACE, INC.
ADAMS RITE MANUFACTURING CO.
ADOHR FARMS LLC
AERO ENGINES, INC.
AGREX, INC
AGRI-CHEMICAL & SUPPLY, INC.
AIR LIQUIDE AMERICA CORP.
AIR NATIONAL GUARD
AIR PRODUCTS & CHEMICALS, INC.

The Click here to access 1395 additional PRP: record(s) in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=4.W4Cz.6HW882fGCjdzXE9mw65zHcZ6CY8pS8MS2wSf3CGDe467jGxdeG2PgX0vE4w4Y2mOpwv3BTq5AqzRz9F0cttZf74.B.npWib2aRCnpzlQ8Mz6b4HbY2Nl8m282s4FQfAcGNd259jngd5T6QSX8YEJF46omNNwmD4VJ5CGzc74AW.pqWPs3dUCodz2x2ZZ6A3HmC8Br8Km8JhA.FfPWGmr6S6jC4dzz8kXXoHE6k3tYmsBwdM7qr5kLzmd4HxcRiZIL1.SCFzY6e48wpXySToub0MdFSA.4yq.voW353oICqizbe2ng6ozHnF37H8Rv8Cc2gpfeqGlY29KjCzdQj2KjXqkES.5FrmkfwiC7On5IJz9y5dacpeZxUAvhC76YpjAXBpudSLd3UnMU.S7d2 additional records for this site. Please contact your EDR Account Executive for more information.

ICIS: Other Ascertainable Records

Enforcement Action ID:	09-2013-2509
FRS ID:	110064125833
Action Name:	Operating Industries, Inc. de minimis

NEW CURE, INC., 2550 GREENWOOD AVENUE, MONTEREY PARK, CA 91755-7419 (Continued)

Facility Name:	OPERATING INDUSTRIES, INC., LANDFILL
Facility Address:	900 N POTRERO GRANDE DR MONTEREY PARK, CA 91754
Enforcement Action Type:	CERCLA 122G1A Agrmt For De Minimus Cr
Facility County:	LOS ANGELES
Program System Acronym:	CERCLIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	122G1A
Facility SIC Code:	Not Reported
Federal Facility ID:	Not Reported
Latitude in Decimal Degrees:	34.03333
Longitude in Decimal Degrees:	-118.10555
Permit Type Desc:	Not Reported
Program System Acronym:	CAT080012024
Facility NAICS Code:	Not Reported
Tribal Land Code:	Not Reported

CONSENT: Other Ascertainable Records

EPA ID:	CAT080012024
Site ID:	Not Reported
Case Title:	IN RE: ARGO PETROLEUM AND ARGO REALTY CORPORATION
Court Num:	86-15585
District:	California, Cent
Entered Date:	19910225
Name:	OPERATING INDUSTRIES
Name:	OPERATING INDS INC
Address:	2550 GREENWOOD AVE
City,State,Zip:	MONTEREY PARK, CA 91755
County:	LOS ANGELES

FINDS: Other Ascertainable Records

Registry ID:	110064125833
Click Here:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110064125833

Environmental Interest/Information System:

SUPERFUND NPL

The Click here to access additional FINDS: detail in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=2k2Ykk1lYa8xk953lh1PaQ35xm1z9W3d3BA7h58lPW2ekJ1FYZ7ykA1il53iaW1VxZ5X973m3R3rhg2Okd22Yc1Lk37LlL9VaE5ux97z9V263E63h332PD0wQ33r5QtMmh2AkE2bYY1dkz2mlj1TaY1SxZ1h944d3I6vhr4sP59RQH9x5x2kmT1 additional records for this site. Please contact your EDR Account Executive for more information.

SANWA BANK CALIFORNIA 1977 SATURN ST, MONTEREY PARK, CA, 91754		1000434980
▲ A1	Target Property 382 ft. Above Sea Level	Lists of Federal RCRA generators Local Lists of Registered Storage Tanks Other Ascertainable Records

Worksheet:

Impact on Target Property: Undetermined

Comments: A VEC could not be ruled out for the subject Site related to the historic USTs. Although no significant release has been documented for either of the former two 10,000-gallon diesel USTs or the 2,000-gallon diesel UST, no formal closure letter with no further action has been provided by the RWQCB. Given that the historic presence of these USTs represents a potential threat of a material release that has not received regulatory closure to note if any controls would be required, a VEC could not be ruled out for the subject Site.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

RCRA-SQG: Lists of Federal RCRA generators

Date Form Received by Agency:	19890126
Handler Name:	SANWA BANK CALIFORNIA
Handler Address:	1977 SATURN ST
Handler City,State,Zip:	MONTEREY PARK, CA 91754
EPA ID:	CAD982463895
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	1977 SATURN ST
Contact City,State,Zip:	MONTEREY PARK, CA 91754
Contact Telephone:	213-727-3264
Contact Fax:	Not Reported
Contact Email:	Not Reported
Contact Title:	Not Reported
EPA Region:	09
Land Type:	Not Reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not Reported
Biennial Report Cycle:	Not Reported
Accessibility:	Not Reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	SATURN ST
Mailing City,State,Zip:	MONTEREY PARK, CA 91754
Owner Name:	SANWA BANK CALIFORNIA
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No

SANWA BANK CALIFORNIA, 1977 SATURN ST, MONTEREY PARK, CA 91754 (Continued)

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not Reported
Active Site Converter Treatment storage and Disposal Facility:	Not Reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not Reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not Reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not Reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not Reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not Reported
Permit Workload Universe:	Not Reported
Permit Progress Universe:	Not Reported
Post-Closure Workload Universe:	Not Reported
Closure Workload Universe:	Not Reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not Reported
Full Enforcement Universe:	Not Reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not Reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not Reported
Manifest Broker:	Not Reported

SANWA BANK CALIFORNIA, 1977 SATURN ST, MONTEREY PARK, CA 91754 (Continued)

Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SANWA BANK CALIFORNIA
Legal Status:	Private
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Historic Generators:

Receive Date:	19890126
Handler Name:	SANWA BANK CALIFORNIA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

Receive Date:	19910628
Handler Name:	SANWA BANK CALIFORNIA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

SANWA BANK CALIFORNIA, 1977 SATURN ST, MONTEREY PARK, CA 91754 (Continued)

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

List of NAICS Codes and Descriptions:

NAICS Code:	52211
NAICS Description:	COMMERCIAL BANKING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

SWEEPS UST: Local Lists of Registered Storage Tanks

Name:	SANWA BANK
Address:	1977 SATURN ST
City:	MONTEREY PARK
Status:	Active
Comp Number:	7311
Number:	1
Board Of Equalization:	44-008189
Referral Date:	01-30-92
Action Date:	01-30-92
Created Date:	06-30-89
Owner Tank Id:	Not Reported
SWRCB Tank Id:	19-000-007311-000001
Tank Status:	A
Capacity:	Not Reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not Reported
Number Of Tanks:	3

Name:	SANWA BANK
Address:	1977 SATURN ST
City:	MONTEREY PARK
Status:	Active
Comp Number:	7311
Number:	1
Board Of Equalization:	44-008189
Referral Date:	01-30-92
Action Date:	01-30-92
Created Date:	06-30-89
Owner Tank Id:	Not Reported

SANWA BANK CALIFORNIA, 1977 SATURN ST, MONTEREY PARK, CA 91754 (Continued)

SWRCB Tank Id:	19-000-007311-000002
Tank Status:	A
Capacity:	Not Reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not Reported
Number Of Tanks:	Not Reported
Name:	SANWA BANK
Address:	1977 SATURN ST
City:	MONTEREY PARK
Status:	Active
Comp Number:	7311
Number:	1
Board Of Equalization:	44-008189
Referral Date:	01-30-92
Action Date:	01-30-92
Created Date:	06-30-89
Owner Tank Id:	TK3-ELUTRON
SWRCB Tank Id:	19-000-007311-000003
Tank Status:	A
Capacity:	2000
Active Date:	01-30-92
Tank Use:	PETROLEUM
STG:	P
Content:	Not Reported
Number Of Tanks:	Not Reported

HAZNET: Other Ascertainable Records

Name:	BRE CA OFFICE OWNER LLC.
Address:	1977 SATURN STREET
Address 2:	Not Reported
City,State,Zip:	MONTEREY PARK, CA 91754
Contact:	DEAN CHRISTIAN
Telephone:	8052077916
Mailing Name:	Not Reported
Mailing Address:	1000 COPERATE CENTER DRIVE
Year:	2016
Gepaid:	CAC002886409
TSD EPA ID:	CAT080013352
CA Waste Code:	241 - Tank bottom waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	1.8765

LOS ANGELES CO. HMS: Other Ascertainable Records

Name:	BANK OF THE WEST
Address:	1977 SATURN ST

SANWA BANK CALIFORNIA, 1977 SATURN ST, MONTEREY PARK, CA 91754 (Continued)

City,State,Zip:	MONTEREY PARK, CA 917557418
Region:	LA
Permit Category:	I
Facility Id:	6994-I07311
Facility Type:	01
Facility Status:	Closed
Area:	3M
Permit Number:	000009804
Permit Status:	Closed

Name:	BANK OF THE WEST
Address:	1977 SATURN ST
City,State,Zip:	MONTEREY PARK, CA 917557418
Region:	LA
Permit Category:	I
Facility Id:	6994-I07311
Facility Type:	01
Facility Status:	Closed
Area:	3M
Permit Number:	000009805
Permit Status:	Removed

Name:	BANK OF THE WEST
Address:	1977 SATURN ST
City,State,Zip:	MONTEREY PARK, CA 917557418
Region:	LA
Permit Category:	T
Facility Id:	6994-007311
Facility Type:	0
Facility Status:	Closed
Area:	3M
Permit Number:	00005594T
Permit Status:	Closed

Name:	1977 SATURN
Address:	1977 SATURN ST
City,State,Zip:	MONTEREY PARK, CA 917557418
Region:	LA
Permit Category:	T
Facility Id:	6994-062151
Facility Type:	0
Facility Status:	Closed
Area:	3M
Permit Number:	000842830
Permit Status:	Closed

HWTS: Other Ascertainable Records

Name:	BRE CA OFFICE OWNER LLC.
Address:	1977 SATURN STREET
Address 2:	Not Reported
City,State,Zip:	MONTEREY PARK, CA 91754

SANWA BANK CALIFORNIA, 1977 SATURN ST, MONTEREY PARK, CA 91754 (Continued)

EPA ID:	CAC002886409
Inactive Date:	02/17/2017
Create Date:	11/17/2016
Last Act Date:	02/17/2017
Mailing Name:	Not Reported
Mailing Address:	1000 COPERATE CENTER DRIVE
Mailing Address 2:	Not Reported
Mailing City,State,Zip:	MONTEREY PARK, CA 91754
Owner Name:	BRE CA OFFICE OWNER LLC.
Owner Address:	1977 SATURN STREET
Owner Address 2:	Not Reported
Owner City,State,Zip:	MONTEREY PARK, CA 91754
Contact Name:	DEAN CHRISTIAN
Contact Address:	1000 COPERATE CENTER DRIVE
Contact Address 2:	Not Reported
City,State,Zip:	MONTEREY PARK, CA 91754

SANWA BANK 1977 SATURN ST, MONTEREY PARK, CA, 91755		U004349966
▲ A2	Target Property 382 ft. Above Sea Level	Lists of state and tribal registered storage tanks

Worksheet:

Impact on Target Property: Undetermined

Comments: A VEC could not be ruled out for the subject Site related to the historic USTs. Although no significant release has been documented for either of the former two 10,000-gallon diesel USTs or the 2,000-gallon diesel UST, no formal closure letter with no further action has been provided by the RWQCB. Given that the historic presence of these USTs represents a potential threat of a material release that has not received regulatory closure to note if any controls would be required, a VEC could not be ruled out for the subject Site.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

UST: Lists of state and tribal registered storage tanks

Name:	SANWA BANK
Address:	1977 SATURN ST
City,State,Zip:	MONTEREY PARK, CA 91755
Facility ID:	7311
Permitting Agency:	LOS ANGELES COUNTY
CERSID:	Not Reported
Latitude:	34.0417424
Longitude:	-118.1127315

EQUITY OFFICE 1977 SATURN ST, MONTEREY PARK, CA, 91755		1024766756
▲ A3	Target Property 382 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

Impact on Target Property: Undetermined

Comments: A VEC could not be ruled out for the subject Site related to the historic USTs. Although no significant release has been documented for either of the former two 10,000-gallon diesel USTs or the 2,000-gallon diesel UST, no formal closure letter with no further action has been provided by the RWQCB. Given that the historic presence of these USTs represents a potential threat of a material release that has not received regulatory closure to note if any controls would be required, a VEC could not be ruled out for the subject Site.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

RCRA NonGen / NLR: Other Ascertainable Records

Date Form Received by Agency:	20181026
Handler Name:	EQUITY OFFICE
Handler Address:	1977 SATURN ST
Handler City,State,Zip:	MONTEREY PARK, CA 91755
EPA ID:	CAC002986628
Contact Name:	ROBERT DEL HIERRO
Contact Address:	1977 SATURN ST
Contact City,State,Zip:	MONTEREY PARK, CA 91755
Contact Telephone:	323-430-7081
Contact Fax:	323-430-7081
Contact Email:	RDELHIERRO@EQOFFICE.COM
Contact Title:	Not Reported
EPA Region:	09
Land Type:	Not Reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not Reported
Biennial Report Cycle:	Not Reported
Accessibility:	Not Reported
Active Site Indicator:	Handler Activities
State District Owner:	Not Reported
State District:	Not Reported
Mailing Address:	1977 SATURN ST
Mailing City,State,Zip:	MONTEREY PARK, CA 91755
Owner Name:	EQUITY OFFICE
Owner Type:	Other
Operator Name:	ROBERT DEL HIERRO
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No

EQUITY OFFICE, 1977 SATURN ST, MONTEREY PARK, CA 91755 (Continued)

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not Reported
Active Site Converter Treatment storage and Disposal Facility:	Not Reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not Reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not Reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not Reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not Reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not Reported
Permit Workload Universe:	Not Reported
Permit Progress Universe:	Not Reported
Post-Closure Workload Universe:	Not Reported
Closure Workload Universe:	Not Reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not Reported
Full Enforcement Universe:	Not Reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not Reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

EQUITY OFFICE, 1977 SATURN ST, MONTEREY PARK, CA 91755 (Continued)

Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUITY OFFICE
Legal Status:	Other
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	1977 SATURN ST
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-430-7081
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROBERT DEL HIERRO
Legal Status:	Other
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	1977 SATURN ST
Owner/Operator City,State,Zip:	MONTEREY PARK, CA 91755
Owner/Operator Telephone:	323-430-7081
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Historic Generators:

Receive Date:	20181026
Handler Name:	EQUITY OFFICE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

EQUITY OFFICE, 1977 SATURN ST, MONTEREY PARK, CA 91755 (Continued)

Evaluation Action Summary:

Evaluations: No Evaluations Found

EQUITY OFFICE 1977 SATURN ST, MONTEREY PARK, CA, 91755		1024651250
▲ A4	Target Property 382 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

Impact on Target Property: Undetermined

Comments: A VEC could not be ruled out for the subject Site related to the historic USTs. Although no significant release has been documented for either of the former two 10,000-gallon diesel USTs or the 2,000-gallon diesel UST, no formal closure letter with no further action has been provided by the RWQCB. Given that the historic presence of these USTs represents a potential threat of a material release that has not received regulatory closure to note if any controls would be required, a VEC could not be ruled out for the subject Site.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

FINDS: Other Ascertainable Records

Registry ID: 110070439637

Click Here: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070439637

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The Click here to access additional FINDS: detail in the EDR Site Report. database contains
http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6pHe6xqEpJwnHVH4esyA3VZqxBs8q01VEBYsAF8eJH3xwSIenZUe7CFOV90QHKZu4Vf5
3kZtsudmyrvRAfz35bbkVJngZmZSq5NG3odkB7KSsR5O8Vk65F5h0uSs1WuiV.gWCac1BJTAY3Dqs5KHAQNAFRnY8n9oe3ob6ohMpnUqHecL
ebhi3NsHxyhbqEaHEE5I9fSjJhiWwEB7nHgM3SpKVeZ0HmlF4aEO56BfsltQymdqApqX3FMmV9j4ZCKZq8eX7x0nBWcgsRfS86NX5gs60nor1S
W4VP4N5AgCBYFNYuXMs.s86sS7pJsuHeLxeUDT4n5RxdM0qZaYEzzT3jC9JJnaw8vMnkLH96nKVAUcH5k94lBTBfUvsOj7yR8nAFkL7ScHVG
NMZ.oYqlo69VdxB0tqshET86iE4lOS0CYd1JxFVg3A855lB1LWY0u4sQN45kWSFD9f8DOIeOUy25QoHufc3jG5xi4T5kVRSNEHIB45ekWrv0R1Z
3hwUanseiWj6xy7plwxHBQhePay4u0YxUSCqVhNE9bG3VZEJhqWwRMVn17z4abeV7JcH4EW4yPh3ZIYsrJZybNtAZal5JSvVcKqZePPqsqd7N
nUBKKOsxQL89LZ9yN30AHR1mi1Vy778hegBZgSYOOrsq0V41ZmFEJf88jpepCE5BxUHNCe3vs.xwkc88ZES8sLIM9nelCY3ExEZHqZUD0oeZ
Rf3 additional records for this site. Please contact your EDR Account Executive for more information.

ECHO: Other Ascertainable Records

Envid: 1024651250

Registry ID: 110070439637

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070439637

Name: EQUITY OFFICE

Address: 1977 SATURN ST

City,State,Zip: MONTEREY PARK, CA 91755

BRE CA SATURN LLC 1977 SATURN ST, MONTEREY PARK, CA, 917557418		S106838965
▲ A5	Target Property 382 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

Impact on Target Property: Undetermined

Comments: A VEC could not be ruled out for the subject Site related to the historic USTs. Although no significant release has been documented for either of the former two 10,000-gallon diesel USTs or the 2,000-gallon diesel UST, no formal closure letter with no further action has been provided by the RWQCB. Given that the historic presence of these USTs represents a potential threat of a material release that has not received regulatory closure to note if any controls would be required, a VEC could not be ruled out for the subject Site.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

EMI: Other Ascertainable Records

Name:	SANWA BANK
Address:	1977 SATURN STREET
City,State,Zip:	MONTEREY PARK, CA 91754
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	63620
Air District Name:	SC
SIC Code:	6021
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not Reported
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SANWA BANK CALIFORNIA
Address:	1977 SATURN ST
City,State,Zip:	MONTEREY PARK, CA 91754
Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	63620
Air District Name:	SC
SIC Code:	6021
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not Reported
Consolidated Emission Reporting Rule:	Not Reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

BRE CA SATURN LLC, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

LOS ANGELES CO. HMS: Other Ascertainable Records

Name:	BRE CA SATURN LLC
Address:	1977 SATURN ST
City,State,Zip:	MONTEREY PARK, CA 917557418
Region:	LA
Permit Category:	T
Facility Id:	6994-065226
Facility Type:	0
Facility Status:	Removed
Area:	3M
Permit Number:	000892942
Permit Status:	Removed

Name:	1977 SATURN STREET
Address:	1977 SATURN ST
City,State,Zip:	MONTEREY PARK, CA 917557418
Region:	LA
Permit Category:	I
Facility Id:	6994-065372
Facility Type:	01
Facility Status:	Permit
Area:	3M
Permit Number:	000895772
Permit Status:	Permit

1977 SATURN 1977 SATURN ST, MONTEREY PARK, CA, 91755		U004357488
▲ A6	Target Property 382 ft. Above Sea Level	Lists of state and tribal registered storage tanks

Worksheet:

Impact on Target Property: Undetermined

Comments: A VEC could not be ruled out for the subject Site related to the historic USTs. Although no significant release has been documented for either of the former two 10,000-gallon diesel USTs or the 2,000-gallon diesel UST, no formal closure letter with no further action has been provided by the RWQCB. Given that the historic presence of these USTs represents a potential threat of a material release that has not received regulatory closure to note if any controls would be required, a VEC could not be ruled out for the subject Site.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

UST: Lists of state and tribal registered storage tanks

Name:	1977 SATURN
Address:	1977 SATURN ST
City,State,Zip:	MONTEREY PARK, CA 91755
Facility ID:	LACoFA0024090
Permitting Agency:	Los Angeles County Fire Department

1977 SATURN, 1977 SATURN ST, MONTEREY PARK, CA 91755 (Continued)

CERSID:	10268983
Latitude:	34.04046
Longitude:	-118.11416

BANK OF THE WEST
1977 SATURN ST, MONTEREY PARK, CA, 917557418 S113016282

▲ A7	Target Property	Other Ascertainable Records
	382 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

Comments: A VEC could not be ruled out for the subject Site related to the historic USTs. Although no significant release has been documented for either of the former two 10,000-gallon diesel USTs or the 2,000-gallon diesel UST, no formal closure letter with no further action has been provided by the RWQCB. Given that the historic presence of these USTs represents a potential threat of a material release that has not received regulatory closure to note if any controls would be required, a VEC could not be ruled out for the subject Site.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

HAZNET: Other Ascertainable Records

Name:	BANK OF THE WEST
Address:	1977 SATURN ST
Address 2:	Not Reported
City,State,Zip:	MONTEREY PARK, CA 917557418
Contact:	TRINIDAD STELLA
Telephone:	3237273017
Mailing Name:	Not Reported
Mailing Address:	1977 SATURN ST
Year:	2015
Gepaid:	CAD982463895
TSD EPA ID:	CAD982444481
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.748
Year:	2015
Gepaid:	CAD982463895
TSD EPA ID:	CAD008364432
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.198
Year:	2012
Gepaid:	CAD982463895
TSD EPA ID:	CAT000613893
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.22935
Year:	2012
Gepaid:	CAD982463895

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

TSD EPA ID:	NVT330010000
CA Waste Code:	222 - Oil/water separation sludge
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.03
Year:	2010
Gepaid:	CAD982463895
TSD EPA ID:	CAD028409019
CA Waste Code:	241 - Tank bottom waste
Disposal Method:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	0.7506
Year:	2008
Gepaid:	CAD982463895
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.209
Year:	2007
Gepaid:	CAD982463895
TSD EPA ID:	TXD077603371
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.08
Year:	2006
Gepaid:	CAD982463895
TSD EPA ID:	CAT080013352
CA Waste Code:	241 - Tank bottom waste
Disposal Method:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	0.417
Year:	2003
Gepaid:	CAD982463895
TSD EPA ID:	AZD049318009
CA Waste Code:	123 - Unspecified alkaline solution
Disposal Method:	T03 - Treatment, Incineration
Tons:	0.125
Year:	2003
Gepaid:	CAD982463895
TSD EPA ID:	AZD049318009
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	T03 - Treatment, Incineration
Tons:	0.025

The Click here to access 19 additional CA HAZNET: record(s) in the EDR Site Report. database contains
http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=4iL4z8iajLZp25kzaF8FN9XoaEYj9w6dgZmTpjL2E85Q9kk44AqacuFFO230FfYNS94wYX.hoTRBrvEa2Y5j9Fu9OFwUr4C7izlLc32dLzdu8ID8nXacgj6j2ahZxvpLc48I5mekYf2wta2rFMm69CFHiNTY4S7X5Moo64.DEJrYe34OMi09L9f3RBz2780n25maRZjeC8XrZMwpvgA3E5Crk3A6gdaheF7d8Q9FNANYM3snXfRony7cxEacYJ24LC9lLwQi1wedpXg4w4YxmkfTk5u4SjQdLn54.uiz7Lgv3N2z3h8lI2nfag3jSmUmYZogp.Q3TX5ejkxK3nOaQsFyo5BJFkoNg42qMXd0oDL3vwEUOY8j8iO9UEwoy4RsdA8gTaAEdmE7TGR4.ojgOL8N2
additional records for this site. Please contact your EDR Account Executive for more information.

Additional Info:

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Year:	2010
Gen EPA ID:	CAD982463895
Shipment Date:	20100128
Creation Date:	4/12/2010 18:30:24
Receipt Date:	20100129
Manifest ID:	004015924JJK
Trans EPA ID:	CAR000199349
Trans Name:	ABLE ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON INC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not Reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	0.7506
Waste Quantity:	180
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

Additional Info:

Year:	2012
Gen EPA ID:	CAD982463895
Shipment Date:	20120320
Creation Date:	9/17/2012 22:15:10
Receipt Date:	20120322
Manifest ID:	003157641SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	D008

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Additional Code 2:	D001
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20120320
Creation Date:	8/29/2012 22:15:11
Receipt Date:	20120329
Manifest ID:	003157640SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not Reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

Additional Info:

Year:	2007
Gen EPA ID:	CAD982463895
Shipment Date:	20070328
Creation Date:	12/10/2007 18:30:29
Receipt Date:	20070403
Manifest ID:	000202460SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not Reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.08
Waste Quantity:	160

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

Additional Info:

Year:	2008
Gen EPA ID:	CAD982463895
Shipment Date:	20080917
Creation Date:	11/3/2008 18:30:25
Receipt Date:	20080918
Manifest ID:	000756790GBF
Trans EPA ID:	CAD980814446
Trans Name:	MARK ALARCON'S WASTE OIL SERVICE
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAT080013352
Trans Name:	DE MENNO KERDOON
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not Reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD982463895
Shipment Date:	19941109
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941111
Manifest ID:	93588198
Trans EPA ID:	CAD982524613
Trans Name:	Not Reported
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19940921
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940926
Manifest ID:	93589117
Trans EPA ID:	CAD982524613
Trans Name:	Not Reported
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19940804
Creation Date:	10/16/1995 0:00:00
Receipt Date:	19940805
Manifest ID:	93585806
Trans EPA ID:	CAD982524613
Trans Name:	Not Reported
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Meth Code:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19940707
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940713
Manifest ID:	93585669
Trans EPA ID:	CAD982524613
Trans Name:	Not Reported
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19940606
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940613
Manifest ID:	93178004
Trans EPA ID:	CAD982524613
Trans Name:	Not Reported
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19940429
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940502
Manifest ID:	93182291
Trans EPA ID:	CAD982524613
Trans Name:	Not Reported
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19940328
Creation Date:	10/5/1995 0:00:00
Receipt Date:	19940401
Manifest ID:	93182192
Trans EPA ID:	CAD982524613
Trans Name:	Not Reported
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19940223
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940224
Manifest ID:	93179750
Trans EPA ID:	CAD982524613
Trans Name:	Not Reported
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19940117
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19950118
Manifest ID:	93588394
Trans EPA ID:	CAD982524613
Trans Name:	Not Reported
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Shipment Date:	19940113
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19940117
Manifest ID:	93141801
Trans EPA ID:	CAD982524613
Trans Name:	Not Reported
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD982463895
Shipment Date:	19931210
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931213
Manifest ID:	93142321
Trans EPA ID:	CAD982524613
Trans Name:	Not Reported
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19931112
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931122
Manifest ID:	93142065
Trans EPA ID:	CAD982524613
Trans Name:	Not Reported
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19930913
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930915
Manifest ID:	93179147
Trans EPA ID:	CAD982524613
Trans Name:	Not Reported
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Shipment Date:	19930816
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930820
Manifest ID:	93179507
Trans EPA ID:	CAD982524613
Trans Name:	Not Reported
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

Shipment Date:	19930715
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930719
Manifest ID:	93169978
Trans EPA ID:	CAD982524613
Trans Name:	Not Reported
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

Shipment Date:	19930528
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930601

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Manifest ID:	93169971
Trans EPA ID:	CAD982524613
Trans Name:	Not Reported
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19930428
Creation Date:	9/6/1995 0:00:00
Receipt Date:	19930429
Manifest ID:	92749912
Trans EPA ID:	CAD982524613
Trans Name:	Not Reported
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19930326
Creation Date:	9/1/1995 0:00:00
Receipt Date:	19930331
Manifest ID:	92756750
Trans EPA ID:	CAD982524613
Trans Name:	Not Reported

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1876
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19930209
Creation Date:	9/6/1995 0:00:00
Receipt Date:	19930212
Manifest ID:	92425956
Trans EPA ID:	CAD982524613
Trans Name:	Not Reported
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD982524613
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1751
Waste Quantity:	42
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

Additional Info:

Year:	2015
Gen EPA ID:	CAD982463895
Shipment Date:	20150731
Creation Date:	10/1/2015 22:15:28
Receipt Date:	20150810
Manifest ID:	009491233JJK

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Trans EPA ID:	CAR000164616
Trans Name:	MAJOR CLEANUP INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	PSC/RHOCHEM
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20150630
Creation Date:	9/22/2015 22:15:56
Receipt Date:	20150701
Manifest ID:	009491223JJK
Trans EPA ID:	CAR000164616
Trans Name:	MAJOR CLEANUP INC
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.748
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

Additional Info:

Year:	1996
Gen EPA ID:	CAD982463895
Shipment Date:	19960826
Creation Date:	5/30/1997 0:00:00

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Receipt Date:	19960829
Manifest ID:	96507567
Trans EPA ID:	ILD984908202
Trans Name:	Not Reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19960723
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960729
Manifest ID:	96165893
Trans EPA ID:	ILD984908202
Trans Name:	Not Reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19960620
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960624
Manifest ID:	95823505
Trans EPA ID:	ILD984908202

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Trans Name:	Not Reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19960620
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960624
Manifest ID:	95823505
Trans EPA ID:	ILD984908202
Trans Name:	Not Reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	Not Reported
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19960620
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960624
Manifest ID:	95823505
Trans EPA ID:	ILD984908202
Trans Name:	Not Reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not Reported

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

TSDF EPA ID:	CAT000613976
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19960620
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960624
Manifest ID:	95823505
Trans EPA ID:	ILD984908202
Trans Name:	Not Reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19960529
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960530
Manifest ID:	95822931
Trans EPA ID:	ILD984908202
Trans Name:	Not Reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19960503
Creation Date:	10/29/1996 0:00:00
Receipt Date:	19960506
Manifest ID:	95822900
Trans EPA ID:	ILD984908202
Trans Name:	Not Reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	Not Reported
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19960503
Creation Date:	10/29/1996 0:00:00
Receipt Date:	19960506
Manifest ID:	95822900
Trans EPA ID:	ILD984908202
Trans Name:	Not Reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19960503
Creation Date:	10/29/1996 0:00:00
Receipt Date:	19960506
Manifest ID:	95822900
Trans EPA ID:	ILD984908202
Trans Name:	Not Reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

Additional Info:

Year:	2003
Gen EPA ID:	CAD982463895
Shipment Date:	20030328
Creation Date:	6/22/2003 18:31:48
Receipt Date:	20030404
Manifest ID:	22661123
Trans EPA ID:	MAD039322250
Trans Name:	Not Reported
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	Not Reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20030328
Creation Date:	6/22/2003 18:31:48
Receipt Date:	20030404
Manifest ID:	22661123
Trans EPA ID:	MAD039322250
Trans Name:	Not Reported
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	Not Reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D002
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20030328
Creation Date:	9/2/2003 18:31:45
Receipt Date:	20030403
Manifest ID:	22661124
Trans EPA ID:	MAD039322250
Trans Name:	Not Reported
Trans 2 EPA ID:	CAT000624247
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not Reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not Reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not Reported
Meth Code:	H01 - Transfer Station

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Quantity Tons:	0.055
Waste Quantity:	110
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20030328
Creation Date:	6/22/2003 18:31:48
Receipt Date:	20030404
Manifest ID:	22661123
Trans EPA ID:	MAD039322250
Trans Name:	Not Reported
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	Not Reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20030328
Creation Date:	9/2/2003 18:31:45
Receipt Date:	20030403
Manifest ID:	22661124
Trans EPA ID:	MAD039322250
Trans Name:	Not Reported
Trans 2 EPA ID:	CAT000624247
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not Reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0575
Waste Quantity:	115
Quantity Unit:	P

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20030328
Creation Date:	6/22/2003 18:31:48
Receipt Date:	20030404
Manifest ID:	22661123
Trans EPA ID:	MAD039322250
Trans Name:	Not Reported
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	Not Reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

Additional Info:

Year:	2006
Gen EPA ID:	CAD982463895
Shipment Date:	20061031
Creation Date:	3/30/2007 13:32:41
Receipt Date:	20061103
Manifest ID:	000082292FLE
Trans EPA ID:	CAT080016116
Trans Name:	NIETO AND SONS TRUCKING INC
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not Reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	0.417

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD982463895
Shipment Date:	19950919
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950922
Manifest ID:	95549494
Trans EPA ID:	ILD984908202
Trans Name:	Not Reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19950919
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950922
Manifest ID:	95549494
Trans EPA ID:	ILD984908202
Trans Name:	Not Reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	Not Reported

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19950919
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950922
Manifest ID:	95549494
Trans EPA ID:	ILD984908202
Trans Name:	Not Reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19950919
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950922
Manifest ID:	95549494
Trans EPA ID:	ILD984908202
Trans Name:	Not Reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not Reported
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1876
Waste Quantity:	45

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19950803
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950804
Manifest ID:	95548825
Trans EPA ID:	ILD984908202
Trans Name:	Not Reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not Reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	Not Reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19950613
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950628
Manifest ID:	95606775
Trans EPA ID:	ILD984908202
Trans Name:	Not Reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD070148432
Trans Name:	Not Reported
TSDF Alt EPA ID:	CAD070148432
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	19950418
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950418
Manifest ID:	95175422
Trans EPA ID:	ILD984908202
Trans Name:	Not Reported
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not Reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not Reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

HWTS: Other Ascertainable Records

Name:	BANK OF THE WEST
Address:	1977 SATURN ST
Address 2:	Not Reported
City,State,Zip:	MONTEREY PARK, CA 917557418
EPA ID:	CAD982463895
Inactive Date:	06/30/2016
Create Date:	06/15/1989
Last Act Date:	01/12/2017
Mailing Name:	Not Reported
Mailing Address:	1977 SATURN ST
Mailing Address 2:	Not Reported
Mailing City,State,Zip:	MONTEREY PARK, CA 917557418
Owner Name:	BANK OF THE WEST
Owner Address:	180 MONTGOMERY ST
Owner Address 2:	Not Reported
Owner City,State,Zip:	SAN FRANCISCO, CA 941044205
Contact Name:	TRINIDAD STELLA
Contact Address:	1977 SATURN ST
Contact Address 2:	Not Reported
City,State,Zip:	MONTEREY PARK, CA 917557418

BANK OF THE WEST, 1977 SATURN ST, MONTEREY PARK, CA 917557418 (Continued)

NAICS:

EPA ID:	CAD982463895
Create Date:	2002-12-03 15:25:10.000
NAICS Code:	52221
NAICS Description:	Credit Card Issuing
Issued EPA ID Date:	1989-06-15 00:00:00
Inactive Date:	2016-06-30 00:00:00
Facility Name:	BANK OF THE WEST
Facility Address:	1977 SATURN ST
Facility Address 2:	Not Reported
Facility City:	MONTEREY PARK
Facility County:	Not Reported
Facility State:	CA
Facility Zip:	917557418

BANK OF THE WEST 1977 SATURN ST, MONTEREY PARK, CA, 91755		1023305274
▲ A8	Target Property 382 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

Impact on Target Property: Undetermined

Comments: A VEC could not be ruled out for the subject Site related to the historic USTs. Although no significant release has been documented for either of the former two 10,000-gallon diesel USTs or the 2,000-gallon diesel UST, no formal closure letter with no further action has been provided by the RWQCB. Given that the historic presence of these USTs represents a potential threat of a material release that has not received regulatory closure to note if any controls would be required, a VEC could not be ruled out for the subject Site.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

FINDS: Other Ascertainable Records

Registry ID:	110065977090
Click Here:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110065977090

Environmental Interest/Information System:

STATE MASTER

The Click here to access additional FINDS: detail in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6UQZ6v6RUcHcQRJjZXBn31sivA9W6ooJRxOTAwUBc5xfHHVlc41M7lJhRVa.JuzvjIKa3axpXOqbBxGJnudA5Kv81A5dsYNOiIoU31coA7qX9PaJWQDC5r5pogVLoUSyJcqQCJFKxw80OXXhT9AWAQSWwe5qUvy4BFFq6IpnUYXlQEN4ZtOG3Ng4vYXO6kwkRp5S9yDUcQbiHI1DcQ9s3ZkrRIIXJGzXjKQB58fzXZw8BRJDnbW638Mx1BVGspLgiGF.73JhAeUi9yftWOvz5WkDokHYooXHJPVO5eVcxjulOiCHToSk68xTUxOUQDhaZjSQ4PliveAs6dxNRsVI3pVSc7UAHzdJcTXB9zy6Rde0J0DajtBoBrXNXJecBX9xnZ4f7Y8K1Brys48liKTh9jLeA7SA9nnTW.674dXMosKnowz0Jw4Z85QSxl.gOl9NTBSo5UMlwn4gU69mBzJz2tLK5qgOxTUpfdrD5EcbHA1MVPiLlnsRvCkv4tFs1jsgMgOB65pQUVOBQIoHZMdP4EwmvpPs6WGtR96y3u9dcO91Hd8UcfLA4VyfR.8aJiPtjNFL3n.kXjfFBQDPnJcG5mzP1VNKsoryigIS604iA8To9tCtWdAG616Zob6souExJqvF3UpWxQ0lO9TwTefU8uHZwuJHU07UB1do54wr5KeFxjVJfhkfAtWMHa6eViG6lW3B7r.94YVn1TeBMdqc3 additional records for this site. Please contact your EDR Account Executive for more information.

UNITED CA BANK 1977 SATURN ST, MONTEREY PARK, CA, 91754	1008152327

▲ A9	Target Property 382 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

Impact on Target Property: Undetermined

Comments: A VEC could not be ruled out for the subject Site related to the historic USTs. Although no significant release has been documented for either of the former two 10,000-gallon diesel USTs or the 2,000-gallon diesel UST, no formal closure letter with no further action has been provided by the RWQCB. Given that the historic presence of these USTs represents a potential threat of a material release that has not received regulatory closure to note if any controls would be required, a VEC could not be ruled out for the subject Site.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

FINDS: Other Ascertainable Records

Registry ID:	110018947773
Click Here:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110018947773

Environmental Interest/Information System:

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The Click here to access additional FINDS: detail in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=46Q4qo6LlQrE2s.qtwoeo9u8LPGl8V6gMrYSEoe2aYskg.Ec4OjtwgwxK2zqeakolm4.nuwV8wFBfeP8hGlr9Fx8P4VpE4re6OnQPK2bOqiro2Z8pGLb7lb82EUrMyEBz4CMsyd.Dt20mteXwjM6mpeSsoe94HDuUM82Q4F.PGZGOq4mw6vzQmW3m5qvsond2KQLoolDh8rMrL6EsgAWjsIv.QH6Z7tw7wYZ8Kbeajop33sgu038TP7E9PvUGYL4Jp8q0Vc01T3g2lMKX4bhY94SNRu4EoXheTY4Us6xxQsl3afqxyovi23fLUWl7k3BAr7IE6m2ZRs9m.Mw2iMtJwwxGAFHe20o4H3ocuRa8yU7OdPOLG9a4vE8uwV8T5wXg9cMev4sAY4NSoX9F3oaSe7k2 additional records for this site. Please contact your EDR Account Executive for more information.

ECHO: Other Ascertainable Records

Envid:	1008152327
Registry ID:	110018947773
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110018947773
Name:	UNITED CA BANK
Address:	1977 SATURN ST
City,State,Zip:	MONTEREY PARK, CA 91754

EQUITY OFFICE
1977 SATURN ST, MONTEREY PARK, CA, 91755 S124704865

▲ A10	Target Property 382 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

Impact on Target Property: Undetermined

Comments: A VEC could not be ruled out for the subject Site related to the historic USTs. Although no significant release has been documented for either of the former two 10,000-gallon diesel USTs or the 2,000-gallon diesel UST, no formal closure letter with no further action has been provided by the RWQCB. Given that the historic presence of these USTs represents a potential threat of a material release that has not received regulatory closure to note if any controls would be required, a VEC could not be ruled out for the subject Site.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

EQUITY OFFICE, 1977 SATURN ST, MONTEREY PARK, CA 91755 (Continued)

HAZNET: Other Ascertainable Records

Name:	EQUITY OFFICE
Address:	1977 SATURN ST
Address 2:	Not Reported
City,State,Zip:	MONTEREY PARK, CA 91755
Contact:	ROBERT DEL HIERRO
Telephone:	3234307081
Mailing Name:	Not Reported
Mailing Address:	1977 SATURN ST
Year:	2018
Gepaid:	CAC002986628
TSD EPA ID:	CAT080013352
CA Waste Code:	241 - Tank bottom waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	4.17000

HWTS: Other Ascertainable Records

Name:	EQUITY OFFICE
Address:	1977 SATURN ST
Address 2:	Not Reported
City,State,Zip:	MONTEREY PARK, CA 91755
EPA ID:	CAC002986628
Inactive Date:	01/25/2019
Create Date:	10/26/2018
Last Act Date:	01/26/2019
Mailing Name:	Not Reported
Mailing Address:	1977 SATURN ST
Mailing Address 2:	Not Reported
Mailing City,State,Zip:	MONTEREY PARK, CA 91755
Owner Name:	EQUITY OFFICE
Owner Address:	1977 SATURN ST
Owner Address 2:	Not Reported
Owner City,State,Zip:	MONTEREY PARK, CA 91755
Contact Name:	ROBERT DEL HIERRO
Contact Address:	1977 SATURN ST
Contact Address 2:	Not Reported
City,State,Zip:	MONTEREY PARK, CA 91755

BATES SHELL SERVICE 745 E TAYLOR DR, MONTEREY PARK, CA, 91754			1020485161
▲ 11	NE <1/10	(406 ft. / 0.077 mi.)	EDR Exclusive Records
	65 ft. Higher Elevation	447 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Comments: The source is not within the area of concern, based on its distance, gradient and suspected chemical of concern (ASTM E 2600: 8.5.2 (1), 8.3.2).

Given that this area has historically been occupied by residential homes and the lack of a documented release, this facility does not appear to represent a potential threat to soil, soil vapor, and/or groundwater quality at the Subject Property.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Hydrogeologically: YES

Topographically: YES

EDR Hist Auto: EDR Exclusive Records

Year:	Name: / Type:
1989:	BATES SHELL SERVICE / Gasoline Service Stations, NEC
1990:	BATES SHELL SERVICE / Gasoline Service Stations, NEC
1991:	BATES SHELL SERVICE / Gasoline Service Stations, NEC
1992:	BATES SHELL SERVICE / Gasoline Service Stations, NEC
1993:	BATES SHELL SERVICE / Gasoline Service Stations, NEC

ALPHA PHOTONICS 2019 SATURN ST, MONTEREY PARK, CA, 91754		1004676637	
◆ D12	SW <1/10	(432 ft. / 0.082 mi.)	Lists of Federal RCRA generators Other Ascertainable Records
	60 ft. Lower Elevation	322 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Comments: The source is not within the area of concern, based on its distance, gradient and suspected chemical of concern (ASTM E2600: 8.5.2 (1), 8.3.2).

Given the cross-gradient location and the lack of a documented release, this facility does not appear to represent a potential threat to soil, soil vapor, and/or groundwater quality at the Subject Property.

Conditions:

Chemicals of Concern: YES

Groundwater Flow Gradient:

Hydrogeologically: YES

Crossgradient: YES

RCRA-SQG: Lists of Federal RCRA generators

Date Form Received by Agency:	20001107
Handler Name:	ALPHA PHOTONICS
Handler Address:	2019 SATURN ST
Handler City,State,Zip:	MONTEREY PARK, CA 91754
EPA ID:	CAR000087692
Contact Name:	DONALD HUDGIES
Contact Address:	2019 SATURN ST
Contact City,State,Zip:	MONTEREY PARK, CA 91754
Contact Telephone:	626-350-4886

ALPHA PHOTONICS, 2019 SATURN ST, MONTEREY PARK, CA 91754 (Continued)

Contact Fax:	Not Reported
Contact Email:	Not Reported
Contact Title:	Not Reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not Reported
Biennial Report Cycle:	Not Reported
Accessibility:	Not Reported
Active Site Indicator:	Handler Activities
State District Owner:	Not Reported
State District:	Not Reported
Mailing Address:	2019 SATURN ST
Mailing City,State,Zip:	MONTEREY PARK, CA 91754
Owner Name:	AMERICAN XTAL TECHNOLOGY INC
Owner Type:	Private
Operator Name:	Not Reported
Operator Type:	Not Reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not Reported
Active Site Converter Treatment storage and Disposal Facility:	Not Reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not Reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not Reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not Reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not Reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not Reported
Permit Workload Universe:	Not Reported
Permit Progress Universe:	Not Reported

ALPHA PHOTONICS, 2019 SATURN ST, MONTEREY PARK, CA 91754 (Continued)

Post-Closure Workload Universe:	Not Reported
Closure Workload Universe:	Not Reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not Reported
Full Enforcement Universe:	Not Reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not Reported
Handler Date of Last Change:	20060905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not Reported
Manifest Broker:	Not Reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F003

ALPHA PHOTONICS, 2019 SATURN ST, MONTEREY PARK, CA 91754 (Continued)

Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN XTAL TECHNOLOGY INC
Legal Status:	Private
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	4281 TECHNOLOGY DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-683-5900
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN XTAL TECHNOLOGY INC
Legal Status:	Private
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	4281 TECHNOLOGY DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-683-5900
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Historic Generators:

Receive Date:	20001107
Handler Name:	ALPHA PHOTONICS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

ALPHA PHOTONICS, 2019 SATURN ST, MONTEREY PARK, CA 91754 (Continued)

Current Record:	Yes
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported
Receive Date:	20001107
Handler Name:	ALPHA PHOTONICS
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS: Other Ascertainable Records

Registry ID:	110012204168
Click Here:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110012204168

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

The Click here to access additional FINDS: detail in the EDR Site Report. database contains
http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=4Bs4OcBtCs3h28sO69cGZ9uItMvC2i6yK383hTR2.k85Kso04E86zT9LI2l8GYjZbj4GPugfI0gBHlM0rv439tm2XTizG4peBNcshR2zWOyecR78tft3BCaU2fx3CwhiA4zi8MLsbS26z6YO9gQ6MWG2oZF94ANuwdI8h4j5MogvlU4eLBP8swb3SNOxmcKP27rtXlCP486s3x0hwsAYG8EWspy6eD6RV9MA8XdGD2Zfv3xBuYOI2i702MWmvxH4oA22Xi7k1yAyJxKQ74nx8wi3fhu.XTG2Rc94v0BzRsXC3aUOiKcLC2RttshCO83Sc3mRhGp2oE8nFsXW2Nv6wr9.O6bFGeBZ4E8uFuGzIUk9lDMYovhu8X42RWiXX8Y3yDDK6Q5Mw8gH3M69.oTkeRan2 additional records for this site. Please contact your EDR Account Executive for more information.

ECHO: Other Ascertainable Records

Envid:	1004676637
Registry ID:	110012204168
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012204168
Name:	ALPHA PHOTONICS
Address:	2019 SATURN ST
City,State,Zip:	MONTEREY PARK, CA 91755

ALPHA PHOTONICS, INC. 2019 SATURN STREET, MONTEREY PARK, CA, 91754			S102229306
◆ D13	SW <1/10	(432 ft. / 0.082 mi.)	Lists of state- and tribal hazardous waste facilities Other Ascertainable Records
	60 ft. Lower Elevation	322 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Comments: The source is not within the area of concern, based on its distance, gradient and suspected chemical of concern (ASTM E2600: 8.5.2 (1), 8.3.2).

Given the cross-gradient location and the lack of a documented release, this facility does not appear to represent a potential threat to soil, soil vapor, and/or groundwater quality at the Subject Property.

Conditions:

Chemicals of Concern: YES

Groundwater Flow Gradient:

Hydrogeologically: YES

Crossgradient: YES

ENVIROSTOR: Lists of state- and tribal hazardous waste facilities

Name:	ALPHA PHOTONICS, INC.
Address:	2019 SATURN STREET
City,State,Zip:	MONTEREY PARK, CA 91754
Facility ID:	71003355
Status:	Refer: Other Agency
Status Date:	Not Reported
Site Code:	Not Reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not Reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not Reported
Supervisor:	Not Reported
Division Branch:	Cleanup Chatsworth
Assembly:	49
Senate:	22
Special Program:	Not Reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not Reported
Latitude:	34.03887
Longitude:	-118.1172
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAL000144747
Alias Type:	EPA Identification Number

ALPHA PHOTONICS, INC., 2019 SATURN STREET, MONTEREY PARK, CA 91754 (Continued)

Alias Name:	110012204168
Alias Type:	EPA (FRS #)
Alias Name:	71003355
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not Reported
Completed Sub Area Name:	Not Reported
Completed Document Type:	Not Reported
Completed Date:	Not Reported
Comments:	Not Reported
Future Area Name:	Not Reported
Future Sub Area Name:	Not Reported
Future Document Type:	Not Reported
Future Due Date:	Not Reported
Schedule Area Name:	Not Reported
Schedule Sub Area Name:	Not Reported
Schedule Document Type:	Not Reported
Schedule Due Date:	Not Reported
Schedule Revised Date:	Not Reported

LOS ANGELES CO. HMS: Other Ascertainable Records

Name:	ALPHA PHOTONICS INC
Address:	2019 SATURN ST
City,State,Zip:	MONTEREY PARK, CA 917557496
Region:	LA
Permit Category:	I
Facility Id:	17339-023495
Facility Type:	01
Facility Status:	Closed
Area:	3M
Permit Number:	000014261
Permit Status:	Closed
Name:	ALPHA PHOTONICS INC
Address:	2019 SATURN ST
City,State,Zip:	MONTEREY PARK, CA 917557496
Region:	LA
Permit Category:	I
Facility Id:	17339-023495
Facility Type:	01
Facility Status:	Closed
Area:	3M
Permit Number:	000332526
Permit Status:	Closed

LA Co. Site Mitigation: Other Ascertainable Records

Name:	ALPHA PHOTONICS/LYLE OPTPELECTRONICS
Address:	2019 SATURN ST

ALPHA PHOTONICS, INC., 2019 SATURN STREET, MONTEREY PARK, CA 91754 (Continued)

City,State,Zip:	MONTEREY PARK, CA 91754
Facility ID:	Not Reported
Status:	Not Reported
Site ID:	SD0000386
Jurisdiction:	State
Case ID:	RO0001387
Abated:	Yes
Assigned To:	Not Reported
Entered Date:	10/06/2011
Abated Date:	Not Reported

MONTEBELLO SERVICE CENTER
1000 POTRERO GRANDE DR, MONTEREY PARK, CA, 91755 S101297592

◆ I14	ESE 1/10 - 1/3	(840 ft. / 0.159 mi.)	Lists of state and tribal leaking storage tanks Other Ascertainable Records
	21 ft. Lower Elevation	361 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Comments: The source is not within the area of concern, based on its distance, gradient and suspected chemical of concern (ASTM E 2600: 8.5.2 (1), 8.3.2).

Given the release to soil only, the cross-gradient location, the relative distance, and the regulatory closure, this facility does not appear to represent a significant potential threat to soil, soil vapor, and/or groundwater at the subject Site.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Hydrogeologically: YES

Crossgradient: YES

LUST REG 4: Lists of state and tribal leaking storage tanks

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	I-07315
Status:	Case Closed
Substance:	Diesel
Substance Quantity:	Not Reported
Local Case No:	Not Reported
Case Type:	Soil
Abatement Method Used at the Site:	Not Reported
Global ID:	T0603703289
W Global ID:	Not Reported
Staff:	UNK
Local Agency:	19000
Cross Street:	Not Reported
Enforcement Type:	Not Reported
Date Leak Discovered:	Not Reported
Date Leak First Reported:	12/27/1989

MONTEBELLO SERVICE CENTER, 1000 POTRERO GRANDE DR, MONTEREY PARK, CA 91755 (Continued)

Date Leak Record Entered:	1/11/1990
Date Confirmation Began:	11/14/1988
Date Leak Stopped:	Not Reported
Date Case Last Changed on Database:	3/2/1994
Date the Case was Closed:	9/25/1996
How Leak Discovered:	Not Reported
How Leak Stopped:	Not Reported
Cause of Leak:	Not Reported
Leak Source:	Not Reported
Operator:	Not Reported
Water System:	Not Reported
Well Name:	Not Reported
Approx. Dist To Production Well (ft):	3653.4974684225738641949883227
Source of Cleanup Funding:	Not Reported
Preliminary Site Assessment Workplan Submitted:	Not Reported
Preliminary Site Assessment Began:	Not Reported
Pollution Characterization Began:	Not Reported
Remediation Plan Submitted:	Not Reported
Remedial Action Underway:	Not Reported
Post Remedial Action Monitoring Began:	Not Reported
Enforcement Action Date:	Not Reported
Historical Max MTBE Date:	Not Reported
Hist Max MTBE Conc in Groundwater:	Not Reported
Hist Max MTBE Conc in Soil:	Not Reported
Significant Interim Remedial Action Taken:	Not Reported
GW Qualifier:	Not Reported
Soil Qualifier:	Not Reported
Organization:	Not Reported
Owner Contact:	Not Reported
Responsible Party:	SOUTHERN CALIFORNIA EDISON
RP Address:	2244 WALNUT GROVE AVE, ROSEMEAD CA 91770
Program:	LUST
Lat/Long:	34.0399704 / -1
Local Agency Staff:	Not Reported
Beneficial Use:	Not Reported
Priority:	Not Reported
Cleanup Fund Id:	Not Reported
Suspended:	Not Reported
Assigned Name:	Not Reported
Summary:	Not Reported

CORTESE: Other Ascertainable Records

Name:	MONTEBELLO SERVICE CENTER
Address:	1000 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91755
Region:	CORTESE
Envirostor Id:	Not Reported

MONTEBELLO SERVICE CENTER, 1000 POTRERO GRANDE DR, MONTEREY PARK, CA 91755 (Continued)

Global ID:	T0603703289
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not Reported
Site Code:	Not Reported
Latitude:	Not Reported
Longitude:	Not Reported
Owner:	Not Reported
Enf Type:	Not Reported
Swat R:	Not Reported
Flag:	active
Order No:	Not Reported
Waste Discharge System No:	Not Reported
Effective Date:	Not Reported
Region 2:	Not Reported
WID Id:	Not Reported
Solid Waste Id No:	Not Reported
Waste Management Uit Name:	Not Reported
File Name:	Active Open

SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER 1000 POTRERO GRANDE DRIVE EAST, MONTEREY PARK, CA, 91755		S103619840	
◆ I15	ESE 1/10 - 1/3	(840 ft. / 0.159 mi.)	Lists of state and tribal leaking storage tanks Other Ascertainable Records
	21 ft. Lower Elevation	361 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Comments: The source is not within the area of concern, based on its distance, gradient and suspected chemical of concern (ASTM E 2600: 8.5.2 (1), 8.3.2).

Given the release to soil only, the cross-gradient location, the relative distance, and the regulatory closure, this facility does not appear to represent a significant potential threat to soil, soil vapor, and/or groundwater at the subject Site.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Hydrogeologically: YES

Crossgradient: YES

LUST: Lists of state and tribal leaking storage tanks

Name:	SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER
Address:	1000 POTRERO GRANDE DRIVE EAST
City,State,Zip:	MONTEREY PARK, CA 91755
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000004493
Global Id:	T10000004493
Latitude:	34.0393927201702
Longitude:	-118.10690082439

SO (Continued)

Status:	Completed - Case Closed
Status Date:	01/22/2019
Case Worker:	AJL
RB Case Number:	I-07315A
Local Agency:	LOS ANGELES COUNTY
File Location:	Not Reported
Local Case Number:	006998-007315
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not Reported

LUST:

Global Id:	T10000004493
Contact Type:	Local Agency Caseworker
Contact Name:	PHILLIP GHARIBIANS-TABRIZI
Organization Name:	LOS ANGELES COUNTY
Address:	900 S. FREMONT AVE.
City:	ALHAMBRA
Email:	pgharibians@dpw.lacounty.gov
Phone Number:	Not Reported

Global Id:	T10000004493
Contact Type:	Regional Board Caseworker
Contact Name:	AHMAD J. LAMAA
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 West 4th Street Suite 200
City:	Los Angeles
Email:	alamaa@waterboards.ca.gov
Phone Number:	Not Reported

LUST:

Global Id:	T10000004493
Action Type:	Other
Date:	01/04/2002
Action:	Leak Began

Global Id:	T10000004493
Action Type:	ENFORCEMENT
Date:	02/01/2013
Action:	Staff Letter

Global Id:	T10000004493
Action Type:	ENFORCEMENT
Date:	12/13/2012
Action:	Referral to Regional Board

Global Id:	T10000004493
Action Type:	ENFORCEMENT
Date:	07/09/2018
Action:	Notification - Public Notice of Case Closure

Global Id:	T10000004493

SO (Continued)

Action Type: Other
Date: 01/04/2002
Action: Leak Stopped

Global Id: T10000004493
Action Type: RESPONSE
Date: 07/11/2014
Action: Conceptual Site Model

Global Id: T10000004493
Action Type: ENFORCEMENT
Date: 10/31/2018
Action: State Water Board Closure Order - #WQ 2018-0035-UST

Global Id: T10000004493
Action Type: ENFORCEMENT
Date: 01/22/2019
Action: Closure/No Further Action Letter

Global Id: T10000004493
Action Type: Other
Date: 01/04/2002
Action: Leak Discovery

Global Id: T10000004493
Action Type: Other
Date: 01/12/2012
Action: Leak Reported

Global Id: T10000004493
Action Type: RESPONSE
Date: 03/01/2013
Action: Other Report / Document

Global Id: T10000004493
Action Type: RESPONSE
Date: 12/12/2016
Action: Request for Closure - Regulator Responded

LUST:

Global Id: T10000004493
Status: Open - Case Begin Date
Status Date: 01/04/2002

Global Id: T10000004493
Status: Open - Site Assessment
Status Date: 12/18/2012

Global Id: T10000004493
Status: Open - Eligible for Closure
Status Date: 06/10/2016

Global Id: T10000004493
Status: Completed - Case Closed

SO (Continued)

Status Date:	01/22/2019
Name:	MONTEBELLO SERVICE CENTER
Address:	1000 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91755
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703289
Global Id:	T0603703289
Latitude:	34.0399704
Longitude:	-118.1076016
Status:	Completed - Case Closed
Status Date:	09/25/1996
Case Worker:	YR
RB Case Number:	I-07315
Local Agency:	LOS ANGELES COUNTY
File Location:	Not Reported
Local Case Number:	Not Reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not Reported

LUST:

Global Id:	T0603703289
Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone Number:	6264583507
Global Id:	T0603703289
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not Reported

LUST:

Global Id:	T0603703289
Action Type:	Other
Date:	12/27/1989
Action:	Leak Reported

LUST:

Global Id:	T0603703289

SO (Continued)

Status:	Open - Case Begin Date
Status Date:	11/14/1988
Global Id:	T0603703289
Status:	Open - Site Assessment
Status Date:	11/14/1988
Global Id:	T0603703289
Status:	Completed - Case Closed
Status Date:	09/25/1996

CORTESE: Other Ascertainable Records

Name:	SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER
Address:	1000 POTRERO GRANDE DRIVE EAST
City,State,Zip:	MONTEREY PARK, CA 91755
Region:	CORTESE
Envirostor Id:	Not Reported
Global ID:	T10000004493
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not Reported
Site Code:	Not Reported
Latitude:	Not Reported
Longitude:	Not Reported
Owner:	Not Reported
Enf Type:	Not Reported
Swat R:	Not Reported
Flag:	active
Order No:	Not Reported
Waste Discharge System No:	Not Reported
Effective Date:	Not Reported
Region 2:	Not Reported
WID Id:	Not Reported
Solid Waste Id No:	Not Reported
Waste Management Uit Name:	Not Reported
File Name:	Active Open

HIST CORTESE: Other Ascertainable Records

edr_fname:	MONTEBELLO SERVICE CENTER
edr_fadd1:	1000 POTRERO GRANDE
City,State,Zip:	MONTEREY PARK, CA 91754
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	I-07315

NPDES: Other Ascertainable Records

Name:	MONTEBELLO SERVICE CENTER
Address:	1000 POTRERO GRANDE DR

SO (Continued)

City,State,Zip:	MONTEREY PARK, CA 91754
Facility Status:	Not Reported
NPDES Number:	Not Reported
Region:	Not Reported
Agency Number:	Not Reported
Regulatory Measure ID:	Not Reported
Place ID:	Not Reported
Order Number:	Not Reported
WDID:	4 19W000934
Regulatory Measure Type:	Construction
Program Type:	Not Reported
Adoption Date Of Regulatory Measure:	Not Reported
Effective Date Of Regulatory Measure:	Not Reported
Termination Date Of Regulatory Measure:	Not Reported
Expiration Date Of Regulatory Measure:	Not Reported
Discharge Address:	Not Reported
Discharge Name:	Not Reported
Discharge City:	Not Reported
Discharge State:	Not Reported
Discharge Zip:	Not Reported
Status:	Expired
Status Date:	11/09/2012
Operator Name:	Southern California Edison
Operator Address:	2244 Walnut Grove Ave GO 1 Quad 2C
Operator City:	Rosemead
Operator State:	California
Operator Zip:	91770

LA Co. Site Mitigation: Other Ascertainable Records

Name:	SOUTHERN CAL. EDISON/MONTEBELO
Address:	1000 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91754
Facility ID:	FA0021167
Status:	Not Reported
Site ID:	SD0010429
Jurisdiction:	State
Case ID:	RO0010429
Abated:	Yes
Assigned To:	Kim Clark
Entered Date:	05/11/2004
Abated Date:	10/01/1991

CERS: Other Ascertainable Records

Name:	MONTEBELLO SERVICE CENTER
Address:	1000 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91755

SO (Continued)

Site ID:	204818
CERS ID:	T0603703289
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JOHN AWUJO - LOS ANGELES COUNTY
Entity Title:	Not Reported
Affiliation Address:	900 S FREMONT AVE
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	6264583507,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not Reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	,

SCE MONTEBELLO SERVICE CENTER
1000 POTRERO GRANDE DR, MONTEREY PARK, CA, 91770 S101583010

◆ I16	ESE 1/10 - 1/3	(840 ft. / 0.159 mi.)	Local Lists of Hazardous waste / Contaminated Sites Local Lists of Registered Storage Tanks Other Ascertainable Records
	21 ft. Lower Elevation	361 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Comments: The source is not within the area of concern, based on its distance, gradient and suspected chemical of concern (ASTM E 2600: 8.5.2 (1), 8.3.2).

Given the release to soil only, the cross-gradient location, the relative distance, and the regulatory closure, this facility does not appear to represent a significant potential threat to soil, soil vapor, and/or groundwater at the subject Site.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Hydrogeologically: YES

Crossgradient: YES

CERS HAZ WASTE: Local Lists of Hazardous waste / Contaminated Sites

Name:	SCE MONTEBELLO SERVICE CENTER
Address:	1000 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91770
Site ID:	155272

SCE MONTEBELLO SERVICE CENTER, 1000 POTRERO GRANDE DR, MONTEREY PARK, CA 91770 (Continued)

CERS ID:	10159499
CERS Description:	Hazardous Waste Generator

SWEEPS UST: Local Lists of Registered Storage Tanks

Name:	SOUTHERN CALIFORNIA EDISON
Address:	1000 POTRERO GRANDE DR
City:	MONTEREY PARK
Status:	Active
Comp Number:	7315
Number:	9
Board Of Equalization:	44-007438
Referral Date:	06-30-89
Action Date:	Not Reported
Created Date:	06-30-89
Owner Tank Id:	Not Reported
SWRCB Tank Id:	19-000-007315-000001
Tank Status:	A
Capacity:	Not Reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not Reported
Number Of Tanks:	3

Name:	SOUTHERN CALIFORNIA EDISON
Address:	1000 POTRERO GRANDE DR
City:	MONTEREY PARK
Status:	Active
Comp Number:	7315
Number:	9
Board Of Equalization:	44-007438
Referral Date:	06-30-89
Action Date:	Not Reported
Created Date:	06-30-89
Owner Tank Id:	Not Reported
SWRCB Tank Id:	19-000-007315-000002
Tank Status:	A
Capacity:	Not Reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not Reported
Number Of Tanks:	Not Reported

Name:	SOUTHERN CALIFORNIA EDISON
Address:	1000 POTRERO GRANDE DR
City:	MONTEREY PARK
Status:	Active
Comp Number:	7315
Number:	9

SCE MONTEBELLO SERVICE CENTER, 1000 POTRERO GRANDE DR, MONTEREY PARK, CA 91770 (Continued)

Board Of Equalization:	44-007438
Referral Date:	06-30-89
Action Date:	Not Reported
Created Date:	06-30-89
Owner Tank Id:	Not Reported
SWRCB Tank Id:	19-000-007315-000003
Tank Status:	A
Capacity:	Not Reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not Reported
Number Of Tanks:	Not Reported

CERS TANKS: Local Lists of Registered Storage Tanks

Name:	SCE MONTEBELLO SERVICE CENTER
Address:	1000 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91770
Site ID:	155272
CERS ID:	10159499
CERS Description:	Aboveground Petroleum Storage

CA FID UST: Local Lists of Registered Storage Tanks

Facility ID:	19002218
Regulated By:	UTNKA
Regulated ID:	00022217
Cortese Code:	Not Reported
SIC Code:	Not Reported
Facility Phone:	8180000000
Mail To:	Not Reported
Mailing Address:	1000 BOX
Mailing Address 2:	Not Reported
Mailing City,St,Zip:	MONTEREY PARK
Contact:	Not Reported
Contact Phone:	Not Reported
DUNs Number:	Not Reported
NPDES Number:	Not Reported
EPA ID:	Not Reported
Comments:	Not Reported
Status:	Active

NPDES: Other Ascertainable Records

Name:	MONTEBELLO SERVICE CENTER PAVING
Address:	1000 POTRERO GRANDE DRIVE
City,State,Zip:	MONTEREY PARK, CA 91770
Facility Status:	Not Reported
NPDES Number:	Not Reported
Region:	Not Reported

SCE MONTEBELLO SERVICE CENTER, 1000 POTRERO GRANDE DR, MONTEREY PARK, CA 91770 (Continued)

Agency Number:	Not Reported
Regulatory Measure ID:	Not Reported
Place ID:	Not Reported
Order Number:	Not Reported
WDID:	4 19W001381
Regulatory Measure Type:	Construction
Program Type:	Not Reported
Adoption Date Of Regulatory Measure:	Not Reported
Effective Date Of Regulatory Measure:	Not Reported
Termination Date Of Regulatory Measure:	Not Reported
Expiration Date Of Regulatory Measure:	Not Reported
Discharge Address:	Not Reported
Discharge Name:	Not Reported
Discharge City:	Not Reported
Discharge State:	Not Reported
Discharge Zip:	Not Reported
Status:	Expired
Status Date:	10/27/2013
Operator Name:	Southern California Edison
Operator Address:	2244 Walnut Grove Ave GO 1 Quad 2C
Operator City:	Rosemead
Operator State:	California
Operator Zip:	91770

CERS: Other Ascertainable Records

Name:	SCE MONTEBELLO SERVICE CENTER
Address:	1000 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91770
Site ID:	155272
CERS ID:	T10000004493
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Violations:

Site ID:	155272
Site Name:	SCE Montebello Service Center
Violation Date:	10-20-2014
Citation:	22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description:	Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.

SCE MONTEBELLO SERVICE CENTER, 1000 POTRERO GRANDE DR, MONTEREY PARK, CA 91770 (Continued)

Violation Notes:	Returned to compliance on 01/28/2015. OBSERVATION: The Owner/Operator failed to properly train personnel who handle hazardous waste. All employees shall be trained within six months of assignment and take part in an annual review of the initial training received. At a minimum, the training program shall be designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems, including where applicable: 1) procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment; 2) key parameters for automatic waste feed cut-off systems; 3) communications or alarm systems; 4) response to fires or explosions; 5) response to ground-water contamination incidents; and 6) shutdown of operations. The owner or operator shall maintain the following documents and records at the facility: 1) the job title for each position at the facility related to hazardous waste management, and [Truncated]
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS,
Site ID:	155272
Site Name:	SCE Montebello Service Center
Violation Date:	10-20-2014
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to test or inspect aboveground tanks for integrity by a person qualified in accordance with industry standards.
Violation Notes:	Returned to compliance on 06/08/2015. Integrity testing methodology not identified within the SPCC and documented as performed for the 250 gallon waste oil tank. However, hazardous waste tank assesment was performed for this tank in 2014 and passed certifiation.. Industrial standard used to certify 250 gallon waste oil tank not documented in the SPCC. (fill hoses outside secondary contaniment but may not be required, active measures maybe be sufficient- informational only)
Violation Division:	Los Angeles County Fire Department
Violation Program:	APSA
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-01-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Brett Koontz, Environmental Advisor Observed no significant violation on site at time of inspection.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-01-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Brett Koontz, Environmental Advisor Observed no significant violation on site at time of inspection.
Eval Division:	Los Angeles County Fire Department
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-08-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not Reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	APSA

SCE MONTEBELLO SERVICE CENTER, 1000 POTRERO GRANDE DR, MONTEREY PARK, CA 91770 (Continued)

Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-20-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Mitchell Oda (Safety & Environmental Specialist) Observed no significant violations on site at time of inspection.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-20-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Mitchell Oda (Safety & Environemental Specialist)
Eval Division:	Los Angeles County Fire Department
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-01-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Brett Koontz, Environmental Advisor Observed no significant violation on site at time of inspection.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-28-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not Reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-20-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Mitchell Oda (Safety & Environmental Specialist)
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,

Coordinates:

Site ID:	155272
Facility Name:	SCE Montebello Service Center
Env Int Type Code:	HWG

SCE MONTEBELLO SERVICE CENTER, 1000 POTRERO GRANDE DR, MONTEREY PARK, CA 91770 (Continued)

Program ID:	10159499
Coord Name:	Not Reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	34.039600
Longitude:	-118.108110

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Roslyn Woods
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	,
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	PHILLIP GHARIBIANS-TABRIZI - LOS ANGELES COUNTY
Entity Title:	Not Reported
Affiliation Address:	900 S. FREMONT AVE.
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Southern California Edison, Transmission and Distribution Organization (TD)
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	AHMAD J. LAMAA - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not Reported
Affiliation Address:	320 West 4th Street Suite 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Environmental Notification Center
Entity Title:	Not Reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)

SCE MONTEBELLO SERVICE CENTER, 1000 POTRERO GRANDE DR, MONTEREY PARK, CA 91770 (Continued)

Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	91770
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Southern California Edison
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	(626) 302-1212,
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not Reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not Reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	91770
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Roslyn Woods
Entity Title:	Consultant
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Southern California Edison
Entity Title:	Not Reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA

SCE MONTEBELLO SERVICE CENTER, 1000 POTRERO GRANDE DR, MONTEREY PARK, CA 91770 (Continued)

Affiliation Country:	United States
Affiliation Zip:	91770
Affiliation Phone:	(626) 302-1212,
Affiliation Type Desc:	Property Owner
Entity Name:	Southern California Edison
Entity Title:	Not Reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91770
Affiliation Phone:	(626) 302-1212,
Name:	OPERATING INDUSTRIES INC
Address:	1000 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91755
Site ID:	484490
CERS ID:	110014001089
CERS Description:	US EPA Air Emission Inventory System (EIS)
Name:	SCE MONTEBELLO SERVICE CENTER
Address:	1000 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91770
Site ID:	155272
CERS ID:	10159499
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	155272
Site Name:	SCE Montebello Service Center
Violation Date:	10-20-2014
Citation:	22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description:	Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes:	Returned to compliance on 01/28/2015. OBSERVATION: The Owner/Operator failed to properly train personnel who handle hazardous waste. All employees shall be trained within six months of assignment and take part in an annual review of the initial training received. At a minimum, the training program shall be designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems, including where applicable: 1) procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment; 2) key parameters for automatic waste feed cut-off systems; 3) communications or alarm systems; 4) response to fires or explosions; 5) response to ground-water contamination incidents; and 6) shutdown of operations. The owner or operator shall maintain the following documents and records at the facility: 1) the job title for each position at the facility related to hazardous waste management, and [Truncated]
Violation Division:	Los Angeles County Fire Department

SCE MONTEBELLO SERVICE CENTER, 1000 POTRERO GRANDE DR, MONTEREY PARK, CA 91770 (Continued)

Violation Program:	HW
Violation Source:	CERS,
Site ID:	155272
Site Name:	SCE Montebello Service Center
Violation Date:	10-20-2014
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to test or inspect aboveground tanks for integrity by a person qualified in accordance with industry standards.
Violation Notes:	Returned to compliance on 06/08/2015. Integrity testing methodology not identified within the SPCC and documented as performed for the 250 gallon waste oil tank. However, hazardous waste tank assesment was performed for this tank in 2014 and passed certifiation.. Industrial standard used to certify 250 gallon waste oil tank not documented in the SPCC. (fill hoses outside secondary contaniment but may not be required, active measures maybe be sufficient- informational only)
Violation Division:	Los Angeles County Fire Department
Violation Program:	APSA
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-01-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Brett Koontz, Environmental Advisor Observed no significant violation on site at time of inspection.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-01-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Brett Koontz, Environmental Advisor Observed no significant violation on site at time of inspection.
Eval Division:	Los Angeles County Fire Department
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-08-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not Reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-20-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Mitchell Oda (Safety & Environmental Specialist) Observed no significant violations on site at time of inspection.
Eval Division:	Los Angeles County Fire Department

SCE MONTEBELLO SERVICE CENTER, 1000 POTRERO GRANDE DR, MONTEREY PARK, CA 91770 (Continued)

Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-20-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Mitchell Oda (Safety & Environemental Specialist)
Eval Division:	Los Angeles County Fire Department
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-01-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Brett Koontz, Environmental Advisor Observed no significant violation on site at time of inspection.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	01-28-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not Reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-20-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Mitchell Oda (Safety & Environmental Specialist)
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS,

Coordinates:

Site ID:	155272
Facility Name:	SCE Montebello Service Center
Env Int Type Code:	HWG
Program ID:	10159499
Coord Name:	Not Reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	34.039600
Longitude:	-118.108110

Affiliation:

Affiliation Type Desc:	Document Preparer

SCE MONTEBELLO SERVICE CENTER, 1000 POTRERO GRANDE DR, MONTEREY PARK, CA 91770 (Continued)

Entity Name:	Roslyn Woods
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	,
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	PHILLIP GHARIBIANS-TABRIZI - LOS ANGELES COUNTY
Entity Title:	Not Reported
Affiliation Address:	900 S. FREMONT AVE.
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Southern California Edison, Transmission and Distribution Organization (TD)
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	AHMAD J. LAMAA - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not Reported
Affiliation Address:	320 West 4th Street Suite 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Environmental Notification Center
Entity Title:	Not Reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	91770
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Southern California Edison
Entity Title:	Not Reported

SCE MONTEBELLO SERVICE CENTER, 1000 POTRERO GRANDE DR, MONTEREY PARK, CA 91770 (Continued)

Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	(626) 302-1212,
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not Reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4000,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not Reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	91770
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Roslyn Woods
Entity Title:	Consultant
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Southern California Edison
Entity Title:	Not Reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91770
Affiliation Phone:	(626) 302-1212,
Affiliation Type Desc:	Property Owner
Entity Name:	Southern California Edison
Entity Title:	Not Reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead

SCE MONTEBELLO SERVICE CENTER, 1000 POTRERO GRANDE DR, MONTEREY PARK, CA 91770 (Continued)

Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91770
Affiliation Phone:	(626) 302-1212,

SCE - MESA SUBSTATION 700 E POTRERO GRANDE DR, MONTEREY PARK, CA, 91755		S104537935	
◆ 17	SSE 1/10 - 1/3	(972 ft. / 0.184 mi.)	Lists of state and tribal leaking storage tanks Other Ascertainable Records
	36 ft. Lower Elevation	346 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Comments: The source is not within the area of concern, based on its distance, gradient and suspected chemical of concern (ASTM E 2600: 8.5.2 (1), 8.3.2).

Given the release to soil only, the cross-gradient location, the relative distance, and the regulatory closure, this facility does not appear to represent a significant potential threat to soil, soil vapor, and/or groundwater at the subject Site.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Hydrogeologically: YES

Crossgradient: YES

LUST: Lists of state and tribal leaking storage tanks

Name:	SCE - MESA SUBSTATION
Address:	700 E POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91755
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601993710
Global Id:	T0601993710
Latitude:	34.037155
Longitude:	-118.112292
Status:	Completed - Case Closed
Status Date:	04/23/2003
Case Worker:	Not Reported
RB Case Number:	R-12371
Local Agency:	LOS ANGELES COUNTY
File Location:	Not Reported
Local Case Number:	Not Reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel, Gasoline
Site History:	Not Reported

LUST:

Global Id:	T0601993710
Contact Type:	Local Agency Caseworker
Contact Name:	RANI IYER

SCE - MESA SUBSTATION, 700 E POTRERO GRANDE DR, MONTEREY PARK, CA 91755 (Continued)

Organization Name:	LOS ANGELES COUNTY
Address:	900 S. FREMONT AVE.
City:	ALHAMBRA
Email:	riyer@dpw.lacounty.gov
Phone Number:	Not Reported

LUST:

Global Id:	T0601993710
Action Type:	Other
Date:	10/02/2001
Action:	Leak Reported
Global Id:	T0601993710
Action Type:	RESPONSE
Date:	08/01/2002
Action:	Soil and Water Investigation Workplan
Global Id:	T0601993710
Action Type:	RESPONSE
Date:	01/31/2003
Action:	Soil and Water Investigation Report
Global Id:	T0601993710
Action Type:	ENFORCEMENT
Date:	08/02/2002
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0601993710
Action Type:	ENFORCEMENT
Date:	04/10/2003
Action:	Meeting
Global Id:	T0601993710
Action Type:	ENFORCEMENT
Date:	07/02/2002
Action:	Staff Letter
Global Id:	T0601993710
Action Type:	ENFORCEMENT
Date:	04/02/2002
Action:	Staff Letter
Global Id:	T0601993710
Action Type:	ENFORCEMENT
Date:	04/23/2003
Action:	Closure/No Further Action Letter
Global Id:	T0601993710
Action Type:	ENFORCEMENT
Date:	02/01/2002
Action:	Staff Letter
Global Id:	T0601993710
Action Type:	ENFORCEMENT

SCE - MESA SUBSTATION, 700 E POTRERO GRANDE DR, MONTEREY PARK, CA 91755 (Continued)

Date:	10/25/2002
Action:	Staff Letter
Global Id:	T0601993710
Action Type:	Other
Date:	08/12/1999
Action:	Leak Discovery

LUST:

Global Id:	T0601993710
Status:	Open - Case Begin Date
Status Date:	07/09/1999
Global Id:	T0601993710
Status:	Open - Site Assessment
Status Date:	07/09/1999
Global Id:	T0601993710
Status:	Open - Verification Monitoring
Status Date:	10/02/2001
Global Id:	T0601993710
Status:	Open - Site Assessment
Status Date:	04/02/2002
Global Id:	T0601993710
Status:	Completed - Case Closed
Status Date:	04/23/2003

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	R-12371
Status:	Case Closed
Substance:	12034, 80066
Substance Quantity:	Not Reported
Local Case No:	Not Reported
Case Type:	Soil
Abatement Method Used at the Site:	Not Reported
Global ID:	T0601993710
W Global ID:	Not Reported
Staff:	HSP
Local Agency:	19000
Cross Street:	GREENWOOD AVE
Enforcement Type:	CLOS
Date Leak Discovered:	8/12/1999
Date Leak First Reported:	10/2/2001
Date Leak Record Entered:	Not Reported
Date Confirmation Began:	7/9/1999
Date Leak Stopped:	Not Reported

SCE - MESA SUBSTATION, 700 E POTRERO GRANDE DR, MONTEREY PARK, CA 91755 (Continued)

Date Case Last Changed on Database:	9/26/2002
Date the Case was Closed:	4/23/2003
How Leak Discovered:	OM
How Leak Stopped:	Not Reported
Cause of Leak:	UNK
Leak Source:	Tank
Operator:	SOUTHERN CALIFORNIA EDISON
Water System:	Not Reported
Well Name:	Not Reported
Approx. Dist To Production Well (ft):	763.00349683133426666751652099
Source of Cleanup Funding:	Tank
Preliminary Site Assessment Workplan Submitted:	4/2/2002
Preliminary Site Assessment Began:	Not Reported
Pollution Characterization Began:	Not Reported
Remediation Plan Submitted:	Not Reported
Remedial Action Underway:	Not Reported
Post Remedial Action Monitoring Began:	10/2/2001
Enforcement Action Date:	Not Reported
Historical Max MTBE Date:	Not Reported
Hist Max MTBE Conc in Groundwater:	Not Reported
Hist Max MTBE Conc in Soil:	13
Significant Interim Remedial Action Taken:	Not Reported
GW Qualifier:	Not Reported
Soil Qualifier:	=
Organization:	Not Reported
Owner Contact:	Not Reported
Responsible Party:	SOUTHERN CALIFORNIA EDISON
RP Address:	P.O. BOX 800, ROSEMEAD, CA 91770
Program:	LUST
Lat/Long:	34.035137 / -1
Local Agency Staff:	Not Reported
Beneficial Use:	Not Reported
Priority:	Not Reported
Cleanup Fund Id:	Not Reported
Suspended:	Not Reported
Assigned Name:	Not Reported
Summary:	Haz Mat incident report filed

CORTESE: Other Ascertainable Records

Name:	SCE - MESA SUBSTATION
Address:	700 E POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91755
Region:	CORTESE
Envirostor Id:	Not Reported
Global ID:	T0601993710
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED

SCE - MESA SUBSTATION, 700 E POTRERO GRANDE DR, MONTEREY PARK, CA 91755 (Continued)

Status Date:	Not Reported
Site Code:	Not Reported
Latitude:	Not Reported
Longitude:	Not Reported
Owner:	Not Reported
Enf Type:	Not Reported
Swat R:	Not Reported
Flag:	active
Order No:	Not Reported
Waste Discharge System No:	Not Reported
Effective Date:	Not Reported
Region 2:	Not Reported
WID Id:	Not Reported
Solid Waste Id No:	Not Reported
Waste Management Uit Name:	Not Reported
File Name:	Active Open

LOS ANGELES CO. HMS: Other Ascertainable Records

Name:	SCE - MESA SUBSTATION
Address:	700 POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91754
Region:	LA
Permit Category:	T
Facility Id:	9002-012371
Facility Type:	0
Facility Status:	Removed
Area:	3M
Permit Number:	00004028T
Permit Status:	Removed

CERS: Other Ascertainable Records

Name:	SCE - MESA SUBSTATION
Address:	700 E POTRERO GRANDE DR
City,State,Zip:	MONTEREY PARK, CA 91755
Site ID:	241588
CERS ID:	T0601993710
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	RANI IYER - LOS ANGELES COUNTY
Entity Title:	Not Reported
Affiliation Address:	900 S. FREMONT AVE.
Affiliation City:	ALHAMBRA
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	,

MAP FINDINGS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
ENVIRONMENTAL RECORDS						
Federal NPL site list						
US	NPL	National Priority List	EPA	10/20/2021	11/05/2021	11/29/2021
US	Proposed NPL	Proposed National Priority List Sites	EPA	10/20/2021	11/05/2021	11/29/2021
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
Federal CERCLIS list						
US	SEMS	Superfund Enterprise Management System	EPA	10/20/2021	11/05/2021	11/29/2021
Federal RCRA CORRACTS facilities list						
US	CORRACTS	Corrective Action Report	EPA	09/13/2021	09/15/2021	10/12/2021
Federal RCRA TSD facilities list						
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	09/13/2021	09/15/2021	10/12/2021
Federal RCRA generators list						
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	09/13/2021	09/15/2021	10/12/2021
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	09/13/2021	09/15/2021	10/12/2021
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	09/13/2021	09/15/2021	10/12/2021
Federal institutional controls / engineering controls registries						
US	LUCIS	Land Use Control Information System	Department of the Navy	07/12/2021	08/06/2021	10/22/2021
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	08/23/2021	08/23/2021	11/12/2021
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	08/23/2021	08/23/2021	11/12/2021
Federal ERNS list						
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	09/13/2021	09/21/2021	12/15/2021
State and tribal - equivalent NPL						
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	10/25/2021	10/26/2021	01/14/2022
State and tribal - equivalent CERCLIS						
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	10/25/2021	10/26/2021	01/14/2022
State and tribal landfill / solid waste disposal						
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	11/08/2021	11/09/2021	01/28/2022
State and tribal leaking storage tank lists						
CA	LUST REG 9	Leaking Underground Storage Tank Report	California Regional Water Quality Control Boa	03/01/2001	04/23/2001	05/21/2001
CA	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008
CA	LUST REG 7	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	02/26/2004	02/26/2004	03/24/2004
CA	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005
CA	LUST	Leaking Underground Fuel Tank Report (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021
CA	LUST REG 6L	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
CA	LUST REG 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/01/2001	02/28/2001	03/29/2001
CA	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/06/2021	06/11/2021	09/07/2021
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/27/2021	06/11/2021	09/07/2021
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	05/27/2021	06/11/2021	09/07/2021
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	05/27/2021	06/11/2021	09/07/2021
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	06/01/2021	06/11/2021	09/07/2021
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/28/2021	06/11/2021	09/07/2021
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	05/28/2021	06/22/2021	09/20/2021
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	05/17/2021	06/11/2021	09/07/2021
CA	CPS-SLIC	Statewide SLIC Cases (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021
CA	SLIC REG 1	Active Toxic Site Investigations	California Regional Water Quality Control Boa	04/03/2003	04/07/2003	04/25/2003
CA	SLIC REG 2	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board San Fran	09/30/2004	10/20/2004	11/19/2004
CA	SLIC REG 3	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	05/18/2006	05/18/2006	06/15/2006
CA	SLIC REG 4	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Region Water Quality Control Board Los Angele	11/17/2004	11/18/2004	01/04/2005
CA	SLIC REG 5	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board Central	04/01/2005	04/05/2005	04/21/2005
CA	SLIC REG 6V	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board, Victorv	05/24/2005	05/25/2005	06/16/2005
CA	SLIC REG 6L	SLIC Sites	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	SLIC REG 7	SLIC List	California Regional Quality Control Board, Co	11/24/2004	11/29/2004	01/04/2005
CA	SLIC REG 8	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Region Water Quality Control Board	04/03/2008	04/03/2008	04/14/2008
CA	SLIC REG 9	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	09/10/2007	09/11/2007	09/28/2007
State and tribal registered storage tank lists						
CA	UST	Active UST Facilities	SWRCB	09/07/2021	09/07/2021	11/30/2021
CA	UST CLOSURE	Proposed Closure of Underground Storage Tank (UST) Cases	State Water Resources Control Board	08/18/2021	09/08/2021	12/03/2021
CA	MILITARY UST SITES	Military UST Sites (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	07/06/2016	07/12/2016	09/19/2016
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/06/2021	06/11/2021	09/07/2021
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	06/01/2021	06/11/2021	09/07/2021
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	05/28/2021	06/22/2021	09/20/2021
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	05/27/2021	06/11/2021	09/07/2021
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/27/2021	06/11/2021	09/07/2021
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	05/17/2021	06/11/2021	09/07/2021
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	04/28/2021	06/11/2021	09/07/2021
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	05/27/2021	06/11/2021	09/07/2021
US	FEMA UST	Underground Storage Tank Listing	FEMA	10/14/2021	11/05/2021	02/01/2022
State and tribal voluntary cleanup sites						
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	10/25/2021	10/26/2021	01/14/2022
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
State and tribal Brownfields sites						
CA	BROWNFIELDS	Considered Brownfieds Sites Listing	State Water Resources Control Board	09/20/2021	09/21/2021	12/08/2021
Other Records						
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	09/30/2021	10/13/2021	01/10/2022
US	ROD	Records Of Decision	EPA	10/20/2021	11/05/2021	11/29/2021
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	10/20/2021	11/05/2021	11/29/2021
CA	HIST CAL-SITES	Calsites Database	Department of Toxic Substance Control	08/08/2005	08/03/2006	08/24/2006
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
CA	SWRCY	Recycler Database	Department of Conservation	09/07/2021	09/08/2021	11/29/2021
CA	CA FID UST	Facility Inventory Database	California Environmental Protection Agency	10/31/1994	09/05/1995	09/29/1995
CA	HIST UST	Hazardous Substance Storage Container Database	State Water Resources Control Board	10/15/1990	01/25/1991	02/12/1991
CA	SAN FRANCISCO AST	Aboveground Storage Tank Site Listing	San Francisco County Department of Public Hea	11/04/2021	11/05/2021	01/24/2022
CA	SWEEPS UST	SWEEPS UST Listing	State Water Resources Control Board	06/01/1994	07/07/2005	08/11/2005
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	10/20/2021	11/05/2021	11/29/2021
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	07/26/2021	07/27/2021	10/22/2021
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	09/13/2021	09/15/2021	09/28/2021
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2019	12/01/2020	02/09/2021
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	05/18/2021	05/18/2021	08/03/2021
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	Delisted NPL	National Priority List Deletions	EPA	10/20/2021	11/05/2021	11/29/2021
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	10/20/2021	11/05/2021	11/29/2021
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	09/13/2021	09/15/2021	10/12/2021
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	09/12/2021	09/13/2021	09/28/2021
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	05/18/2021	05/18/2021	08/03/2021
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	06/10/2021	06/10/2021	08/17/2021
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	08/10/2021	08/17/2021	10/22/2021
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	08/09/2021	08/24/2021	11/19/2021
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	06/30/2021	07/01/2021	09/28/2021
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	05/06/2020	05/27/2020	08/13/2020
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	10/20/2021	11/05/2021	12/15/2021
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2018	08/14/2020	11/04/2020
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/17/2020	09/10/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	10/18/2021	10/20/2021	01/10/2022
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	11/19/2020	01/08/2021	03/22/2021
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	07/29/2021	08/24/2021	11/19/2021
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	FINDS	Facility Index System/Facility Registry System	EPA	05/05/2021	05/18/2021	08/17/2021
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	10/20/2021	11/05/2021	11/12/2021
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2019	09/15/2021	12/14/2021
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	ABANDONED MINES	Abandoned Mines	Department of Interior	09/14/2021	09/15/2021	12/15/2021
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	12/31/2019	01/20/2021	04/08/2021
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	09/30/2021	10/19/2021	01/12/2022
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	09/20/2021	09/21/2021	12/08/2021
CA	CUPA LIVERMORE-PLEASANTON	CUPA Facility Listing	Livermore-Pleasanton Fire Department	05/01/2019	05/14/2019	07/17/2019
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	08/30/2021	08/31/2021	11/19/2021
CA	DRYCLEAN AVAQMD	Antelope Valley Air Quality Management District Drycleaner L	Antelope Valley Air Quality Management Distri	08/24/2021	08/25/2021	11/17/2021
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	08/27/2021	09/01/2021	11/19/2021
CA	DRYCLEAN SOUTH COAST	South Coast Air Quality Management District Drycleaner Listi	South Coast Air Quality Management District	08/18/2021	08/23/2021	11/12/2021
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2019	06/10/2021	08/27/2021
CA	ENF	Enforcement Action Listing	State Water Resoruces Control Board	11/10/2021	11/11/2021	02/03/2022
CA	Financial Assurance 1	Financial Assurance Information Listing	Department of Toxic Substances Control	10/05/2021	10/06/2021	12/29/2021
CA	Financial Assurance 2	Financial Assurance Information Listing	California Integrated Waste Management Board	08/13/2021	08/13/2021	11/05/2021
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	09/14/2021	11/11/2021	11/23/2021
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2019	04/15/2020	07/02/2020
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	11/15/2021	11/15/2021	02/03/2022
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	10/04/2021	10/05/2021	12/22/2021
CA	ICE	ICE	Department of Toxic Subsances Control	11/15/2021	11/15/2021	02/03/2022
CA	LDS	Land Disposal Sites Listing (GEOTRACKER)	State Water Qualilty Control Board	09/07/2021	09/07/2021	11/29/2021
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	08/25/2021	09/03/2021	11/22/2021
CA	MCS	Military Cleanup Sites Listing (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021
CA	MINES	Mines Site Location Listing	Department of Conservation	09/07/2021	09/07/2021	11/29/2021
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	08/05/2021	08/31/2021	11/19/2021
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	11/09/2021	11/09/2021	01/27/2022
CA	PEST LIC	Pesticide Regulation Licenses Listing	Department of Pesticide Regulation	08/30/2021	08/31/2021	11/19/2021
CA	PROC	Certified Processors Database	Department of Conservation	06/04/2021	06/04/2021	08/27/2021
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	03/12/2021	03/16/2021	06/01/2021
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	10/25/2021	10/26/2021	01/14/2022

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Deaprtment of Conservation	06/03/2021	06/03/2021	08/25/2021
CA	WASTEWATER PITS	Oil Wastewater Pits Listing	RWQCB, Central Valley Region	02/11/2021	07/01/2021	09/29/2021
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
CA	PROJECT	Project Sites (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021
CA	SAMPLING POINT	Sampling Point ? Public Sites (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021
CA	UIC GEO	Underground Injection Control Sites (GEOTRACKER)	State Water Resource Control Board	09/07/2021	09/07/2021	11/29/2021
CA	AQUEOUS FOAM	Former Fire Training Facility Assessments Listing	State Water Resources Control Board	12/01/2019	08/19/2021	10/28/2021
CA	CIWQS	California Integrated Water Quality System	State Water Resources Control Board	08/30/2021	08/31/2021	11/19/2021
CA	CERS TANKS	California Environmental Reporting System (CERS) Tanks	California Environmental Protection Agency	10/18/2021	10/19/2021	01/12/2022
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
CA	WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021
CA	WDR	Waste Discharge Requirements Listing	State Water Resources Control Board	09/07/2021	09/08/2021	12/01/2021
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	05/25/2021	06/24/2021	09/20/2021
CA	HWTS	Hazardous Waste Tracking System	Department of Toxic Substances Control	07/13/2021	07/14/2021	10/06/2021
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	01/01/2022	01/04/2022	01/10/2022
CA	CERS	CalEPA Regulated Site Portal Data	California Environmental Protection Agency	10/18/2021	10/19/2021	01/12/2022
CA	CERS HAZ WASTE	CERS HAZ WASTE	CalEPA	10/18/2021	10/19/2021	01/12/2022
US	UXO	Unexploded Ordnance Sites	Department of Defense	12/31/2018	07/02/2020	09/17/2020
US	MINES MRDS	Mineral Resources Data System	USGS	04/06/2018	10/21/2019	10/24/2019
CA	PFAS	PFAS Contamination Site Location Listing	State Water Resources Control Board	09/07/2021	09/08/2021	12/01/2021
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	11/15/2021	11/15/2021	02/01/2022
CA	MILITARY PRIV SITES	Military Privatized Sites (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021
CA	NON-CASE INFO	Non-Case Information Sites (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021
CA	OTHER OIL GAS	Other Oil & Gas Projects Sites (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021
CA	PROD WATER PONDS	Produced Water Ponds Sites (GEOTRACKER)	State Water Resources Control Board	09/07/2021	09/07/2021	11/29/2021

HISTORICAL USE RECORDS

US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
CA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover		07/01/2013	01/13/2014
CA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board		07/01/2013	12/30/2013

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
COUNTY RECORDS						
CA	CS ALAMEDA	Contaminated Sites	Alameda County Environmental Health Services	01/09/2019	01/11/2019	03/05/2019
CA	UST ALAMEDA	Underground Tanks	Alameda County Environmental Health Services	09/30/2021	10/01/2021	12/15/2021
CA	CUPA AMADOR	CUPA Facility List	Amador County Environmental Health	11/01/2021	11/02/2021	01/24/2022
CA	CUPA BUTTE	CUPA Facility Listing	Public Health Department	04/21/2017	04/25/2017	08/09/2017
CA	CUPA CALVERAS	CUPA Facility Listing	Calveras County Environmental Health	09/15/2021	09/16/2021	12/09/2021
CA	CUPA COLUSA	CUPA Facility List	Health & Human Services	04/06/2020	04/23/2020	07/10/2020
CA	SL CONTRA COSTA	Site List	Contra Costa Health Services Department	10/22/2021	10/26/2021	01/19/2022
CA	CUPA DEL NORTE	CUPA Facility List	Del Norte County Environmental Health Divisio	10/01/2021	11/02/2021	01/24/2022
CA	CUPA EL DORADO	CUPA Facility List	El Dorado County Environmental Management Dep	07/30/2021	08/03/2021	10/26/2021
CA	CUPA FRESNO	CUPA Resources List	Dept. of Community Health	04/09/2021	06/23/2021	09/17/2021
CA	CUPA GLENN	CUPA Facility List	Glenn County Air Pollution Control District	01/22/2018	01/24/2018	03/14/2018
CA	CUPA HUMBOLDT	CUPA Facility List	Humboldt County Environmental Health	08/12/2021	08/12/2021	11/08/2021
CA	CUPA IMPERIAL	CUPA Facility List	San Diego Border Field Office	10/18/2021	10/20/2021	01/12/2022
CA	CUPA INYO	CUPA Facility List	Inyo County Environmental Health Services	04/02/2018	04/03/2018	06/14/2018
CA	CUPA KERN	CUPA Facility List	Kern County Public Health	11/10/2021	11/12/2021	02/02/2022
CA	UST KERN	Underground Storage Tank Sites & Tank Listing	Kern County Environment Health Services Depar	11/10/2021	11/12/2021	02/02/2022
CA	CUPA KINGS	CUPA Facility List	Kings County Department of Public Health	12/03/2020	01/26/2021	04/14/2021
CA	CUPA LAKE	CUPA Facility List	Lake County Environmental Health	11/04/2021	11/05/2021	01/24/2022
CA	CUPA LASSEN	CUPA Facility List	Lassen County Environmental Health	07/31/2020	08/21/2020	11/09/2020
CA	AOCONCERN	Key Areas of Concerns in Los Angeles County		03/30/2009	03/31/2009	10/23/2009
CA	HMS LOS ANGELES	HMS: Street Number List	Department of Public Works	10/14/2021	10/19/2021	01/13/2022
CA	LF LOS ANGELES	List of Solid Waste Facilities	La County Department of Public Works	10/08/2021	10/08/2021	12/29/2021
CA	LF LOS ANGELES CITY	City of Los Angeles Landfills	Engineering & Construction Division	01/01/2021	02/18/2021	05/10/2021
CA	LOS ANGELES AST	Active & Inactive AST Inventory	Los Angeles Fire Department	06/01/2019	06/25/2019	08/22/2019
CA	LOS ANGELES CO LF METHANE	Methane Producing Landfills	Los Angeles County Department of Public Works	10/12/2021	10/13/2021	01/04/2022
CA	LOS ANGELES HM	Active & Inactive Hazardous Materials Inventory	Los Angeles Fire Department	04/19/2021	06/17/2021	06/28/2021
CA	LOS ANGELES UST	Active & Inactive UST Inventory	Los Angeles Fire Department	04/19/2021	06/17/2021	09/14/2021
CA	SITE MIT LOS ANGELES	Site Mitigation List	Community Health Services	05/26/2021	07/09/2021	09/29/2021
CA	UST EL SEGUNDO	City of El Segundo Underground Storage Tank	City of El Segundo Fire Department	01/21/2017	04/19/2017	05/10/2017
CA	UST LONG BEACH	City of Long Beach Underground Storage Tank	City of Long Beach Fire Department	04/22/2019	04/23/2019	06/27/2019
CA	UST TORRANCE	City of Torrance Underground Storage Tank	City of Torrance Fire Department	02/02/2021	04/28/2021	07/13/2021
CA	CUPA MADERA	CUPA Facility List	Madera County Environmental Health	08/10/2020	08/12/2020	10/23/2020
CA	UST MARIN	Underground Storage Tank Sites	Public Works Department Waste Management	09/26/2018	10/04/2018	11/02/2018
CA	UST MENDOCINO	Mendocino County UST Database	Department of Public Health	09/22/2021	11/18/2021	11/22/2021
CA	CUPA MERCED	CUPA Facility List	Merced County Environmental Health	08/11/2021	08/12/2021	11/08/2021
CA	CUPA MONO	CUPA Facility List	Mono County Health Department	02/22/2021	03/02/2021	05/19/2021
CA	CUPA MONTEREY	CUPA Facility Listing	Monterey County Health Department	10/04/2021	10/06/2021	12/29/2021
CA	LUST NAPA	Sites With Reported Contamination	Napa County Department of Environmental Manag	01/09/2017	01/11/2017	03/02/2017
CA	UST NAPA	Closed and Operating Underground Storage Tank Sites	Napa County Department of Environmental Manag	09/05/2019	09/09/2019	10/31/2019
CA	CUPA NEVADA	CUPA Facility List	Community Development Agency	10/26/2021	10/27/2021	01/20/2022
CA	IND_SITE ORANGE	List of Industrial Site Cleanups	Health Care Agency	10/08/2021	11/04/2021	01/24/2022
CA	LUST ORANGE	List of Underground Storage Tank Cleanups	Health Care Agency	10/08/2021	11/02/2021	01/24/2022
CA	UST ORANGE	List of Underground Storage Tank Facilities	Health Care Agency	10/29/2021	10/29/2021	01/20/2022
CA	MS PLACER	Master List of Facilities	Placer County Health and Human Services	09/07/2021	09/09/2021	11/29/2021
CA	CUPA PLUMAS	CUPA Facility List	Plumas County Environmental Health	03/31/2019	04/23/2019	06/26/2019

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	LUST RIVERSIDE	Listing of Underground Tank Cleanup Sites	Department of Environmental Health	09/29/2021	09/30/2021	12/14/2021
CA	UST RIVERSIDE	Underground Storage Tank Tank List	Department of Environmental Health	09/29/2021	09/30/2021	12/15/2021
CA	CS SACRAMENTO	Toxic Site Clean-Up List	Sacramento County Environmental Management	06/18/2021	09/28/2021	12/14/2021
CA	ML SACRAMENTO	Master Hazardous Materials Facility List	Sacramento County Environmental Management	08/02/2021	08/04/2021	11/02/2021
CA	CUPA SAN BENITO	CUPA Facility List	San Benito County Environmental Health	11/04/2021	11/05/2021	01/24/2022
CA	PERMITS SAN BERNARDINO	Hazardous Material Permits	San Bernardino County Fire Department Hazardo	08/11/2021	08/12/2021	11/08/2021
CA	HMMD SAN DIEGO	Hazardous Materials Management Division Database	Hazardous Materials Management Division	08/30/2021	08/31/2021	11/19/2021
CA	LF SAN DIEGO	Solid Waste Facilities	Department of Health Services	10/01/2020	11/23/2020	02/08/2021
CA	SAN DIEGO CO LOP	Local Oversight Program Listing	Department of Environmental Health	07/22/2021	10/19/2021	01/13/2022
CA	SAN DIEGO CO SAM	Environmental Case Listing	San Diego County Department of Environmental	03/23/2010	06/15/2010	07/09/2010
CA	CUPA SAN FRANCISCO CO	CUPA Facility Listing	San Francisco County Department of Environmen	08/05/2021	08/05/2021	10/29/2021
CA	LUST SAN FRANCISCO	Local Oversite Facilities	Department Of Public Health San Francisco Cou	09/19/2008	09/19/2008	09/29/2008
CA	UST SAN FRANCISCO	Underground Storage Tank Information	Department of Public Health	11/10/2021	11/11/2021	02/02/2022
CA	UST SAN JOAQUIN	San Joaquin Co. UST	Environmental Health Department	06/22/2018	06/26/2018	07/11/2018
CA	CUPA SAN LUIS OBISPO	CUPA Facility List	San Luis Obispo County Public Health Departme	11/15/2021	11/16/2021	02/03/2022
CA	BI SAN MATEO	Business Inventory	San Mateo County Environmental Health Service	02/20/2020	02/20/2020	04/24/2020
CA	LUST SAN MATEO	Fuel Leak List	San Mateo County Environmental Health Service	03/29/2019	03/29/2019	05/29/2019
CA	CUPA SANTA BARBARA	CUPA Facility Listing	Santa Barbara County Public Health Department	09/08/2011	09/09/2011	10/07/2011
CA	CUPA SANTA CLARA	Cupa Facility List	Department of Environmental Health	08/04/2021	08/05/2021	10/29/2021
CA	HIST LUST SANTA CLARA	HIST LUST - Fuel Leak Site Activity Report	Santa Clara Valley Water District	03/29/2005	03/30/2005	04/21/2005
CA	LUST SANTA CLARA	LOP Listing	Department of Environmental Health	03/03/2014	03/05/2014	03/18/2014
CA	SAN JOSE HAZMAT	Hazardous Material Facilities	City of San Jose Fire Department	11/03/2020	11/05/2020	01/26/2021
CA	CUPA SANTA CRUZ	CUPA Facility List	Santa Cruz County Environmental Health	01/21/2017	02/22/2017	05/23/2017
CA	CUPA SHASTA	CUPA Facility List	Shasta County Department of Resource Manageme	06/15/2017	06/19/2017	08/09/2017
CA	LUST SOLANO	Leaking Underground Storage Tanks	Solano County Department of Environmental Man	06/04/2019	06/06/2019	08/13/2019
CA	UST SOLANO	Underground Storage Tanks	Solano County Department of Environmental Man	09/15/2021	09/16/2021	12/09/2021
CA	CUPA SONOMA	Cupa Facility List	County of Sonoma Fire & Emergency Services De	07/02/2021	07/06/2021	07/14/2021
CA	LUST SONOMA	Leaking Underground Storage Tank Sites	Department of Health Services	06/30/2021	06/30/2021	09/24/2021
CA	CUPA STANISLAUS	CUPA Facility List	Stanislaus County Department of Ennvironmenta	11/09/2021	11/11/2021	02/02/2022
CA	UST SUTTER	Underground Storage Tanks	Sutter County Environmental Health Services	08/23/2021	08/25/2021	11/17/2021
CA	CUPA TEHAMA	CUPA Facility List	Tehama County Department of Environmental Hea	01/13/2021	01/14/2021	04/06/2021
CA	CUPA TRINITY	CUPA Facility List	Department of Toxic Substances Control	10/18/2021	10/20/2021	01/13/2022
CA	CUPA TULARE	CUPA Facility List	Tulare County Environmental Health Services D	04/26/2021	04/28/2021	07/13/2021
CA	CUPA TUOLUMNE	CUPA Facility List	Divison of Environmental Health	04/23/2018	04/25/2018	06/25/2018
CA	BWT VENTURA	Business Plan, Hazardous Waste Producers, and Operating Unde	Ventura County Environmental Health Division	09/29/2021	10/26/2021	01/13/2022
CA	LF VENTURA	Inventory of Illegal Abandoned and Inactive Sites	Environmental Health Division	12/01/2011	12/01/2011	01/19/2012
CA	LUST VENTURA	Listing of Underground Tank Cleanup Sites	Environmental Health Division	05/29/2008	06/24/2008	07/31/2008
CA	MED WASTE VENTURA	Medical Waste Program List	Ventura County Resource Management Agency	09/29/2021	10/21/2021	01/13/2022
CA	UST VENTURA	Underground Tank Closed Sites List	Environmental Health Division	07/26/2021	09/08/2021	11/29/2021
CA	UST YOLO	Underground Storage Tank Comprehensive Facility Report	Yolo County Department of Health	09/23/2021	09/28/2021	12/15/2021
CA	CUPA YUBA	CUPA Facility List	Yuba County Environmental Health Department	10/26/2021	10/27/2021	01/20/2022

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date

STREET AND ADDRESS INFORMATION

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APPENDIX D

THE EDR AERIAL PHOTO DECADE PACKAGE

1977 Saturn Street

1977 Saturn Street

Monterey Park, CA 91755

Inquiry Number: 6846152.11

February 03, 2022

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

02/03/22

Site Name:

1977 Saturn Street
1977 Saturn Street
Monterey Park, CA 91755
EDR Inquiry # 6846152.11

Client Name:

Northgate Env. Management, Inc.
92 Argonaut
Aliso Viejo, CA 92656
Contact: Nicky Robinson

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Date: June 11, 2002	USDA
1994	1"=500'	Acquisition Date: January 01, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: August 22, 1989	USDA
1983	1"=500'	Flight Date: November 19, 1983	EDR Proprietary Brewster Pacific
1977	1"=500'	Flight Date: April 25, 1977	EDR Proprietary Brewster Pacific
1970	1"=500'	Flight Date: February 18, 1970	EDR Proprietary Brewster Pacific
1964	1"=500'	Flight Date: July 28, 1964	USGS
1952	1"=500'	Flight Date: August 02, 1952	USGS
1948	1"=500'	Flight Date: July 10, 1948	USGS
1938	1"=500'	Flight Date: May 22, 1938	USDA
1928	1"=500'	Flight Date: January 01, 1928	FAIR

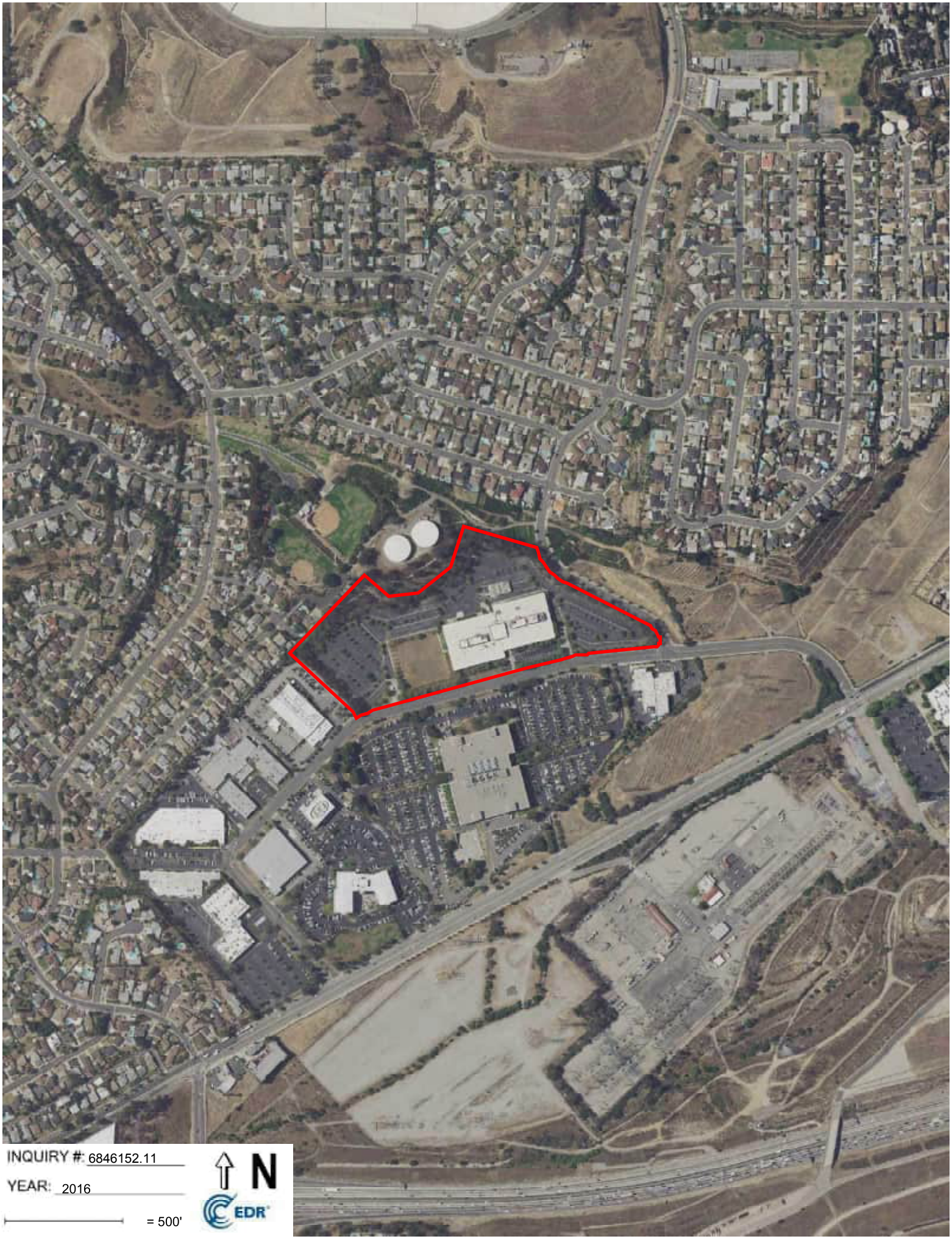
When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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INQUIRY #: 6846152.11
YEAR: 2016
= 500'
N
EDR


INQUIRY #: 6846152.11
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 6846152.11
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 6846152.11
YEAR: 2005
= 500'
N
EDR


INQUIRY #: 6846152.11
YEAR: 2002
= 500'
N
EDR


INQUIRY #: 6846152.11
YEAR: 1994
= 500'
N
EDR


INQUIRY #: 6846152.11
YEAR: 1989
= 500'
N
EDR


INQUIRY #: 6846152.11
YEAR: 1983
= 500'
N
EDR

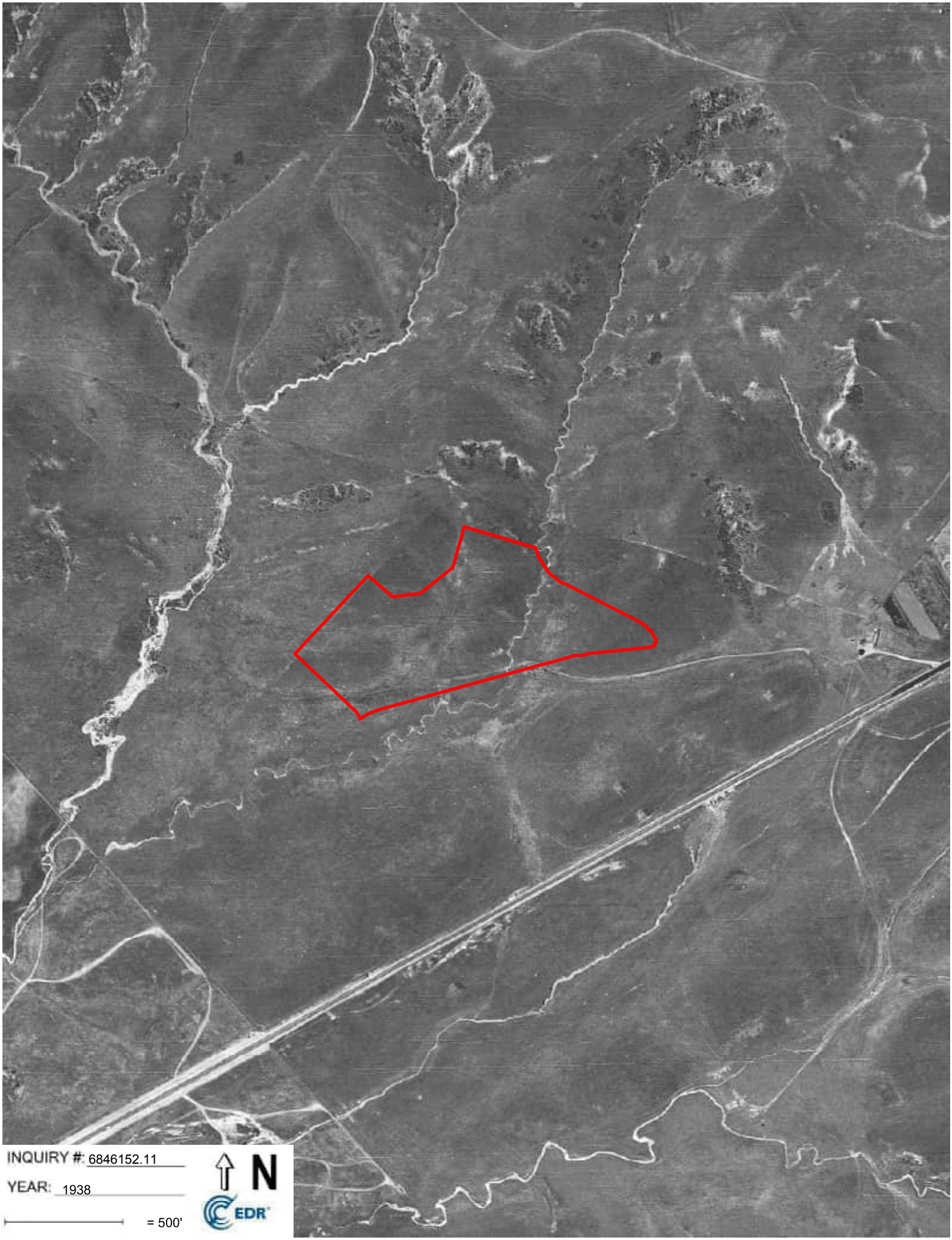

INQUIRY #: 6846152.11
YEAR: 1977
= 500'
N
EDR

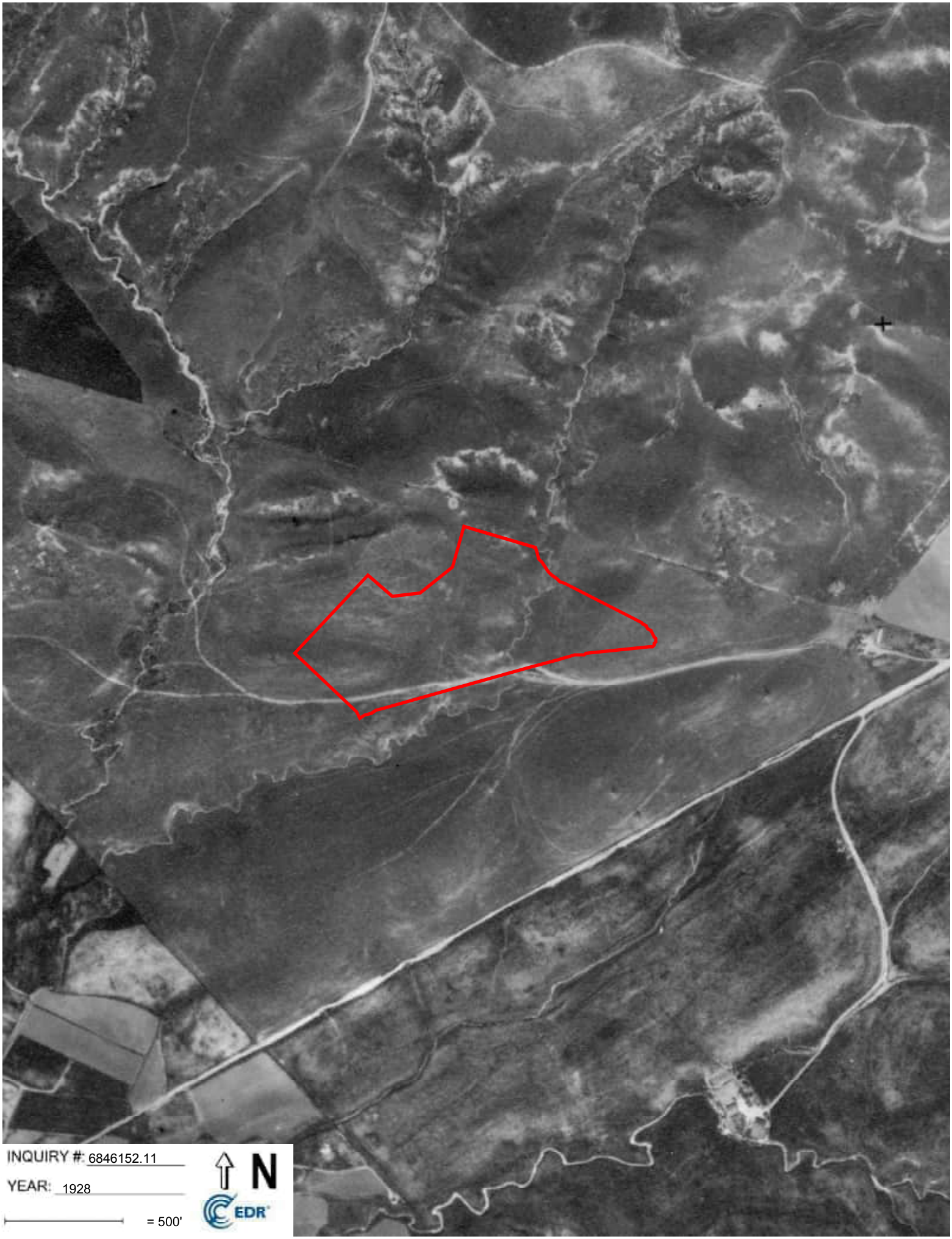

INQUIRY #: 6846152.11
YEAR: 1970
= 500'
N
EDR


INQUIRY #: 6846152.11
YEAR: 1964
= 500'
N
EDR


INQUIRY #: 6846152.11
YEAR: 1952
= 500'
N
EDR


INQUIRY #: 6846152.11
YEAR: 1948
= 500'
N
EDR


INQUIRY #: 6846152.11
YEAR: 1938
= 500'
N
EDR


INQUIRY #: 6846152.11
YEAR: 1928
= 500'
N
EDR

APPENDIX E

CERTIFIED SANBORN® MAP REPORT

1977 Saturn Street

1977 Saturn Street

Monterey Park, CA 91755

Inquiry Number: 6846152.3

February 03, 2022

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

02/03/22

Site Name:

1977 Saturn Street
1977 Saturn Street
Monterey Park, CA 91755
EDR Inquiry # 6846152.3

Client Name:

Northgate Env. Management, Inc.
92 Argonaut
Aliso Viejo, CA 92656
Contact: Nicky Robinson

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Northgate Env. Management, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 3232-432A-8359

PO # 2112.15

Project 1977 Saturn Street

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 3232-432A-8359

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Northgate Env. Management, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

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APPENDIX F

THE EDR HISTORICAL TOPOGRAPHIC MAP REPORT

1977 Saturn Street

1977 Saturn Street

Monterey Park, CA 91755

Inquiry Number: 6846152.4

February 03, 2022

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

02/03/22

Site Name:	Client Name:
1977 Saturn Street	Northgate Env. Management, Inc.
1977 Saturn Street	92 Argonaut
Monterey Park, CA 91755	Aliso Viejo, CA 92656
EDR Inquiry # 6846152.4	Contact: Nicky Robinson

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Northgate Env. Management, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:		*Coordinates:*	
P.O.#	2112.15	**Latitude:**	34.040468 34° 2' 26" North
Project:	1977 Saturn Street	**Longitude:**	-118.114173 -118° 6' 51" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	397154.92
		UTM Y Meters:	3767202.80
		Elevation:	381.64' above sea level

Maps Provided:

2018	1953
2015	1926
2012	1923, 1924
1994	1900
1991	1896
1981	1894
1972	
1966	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2018 Source Sheets



El Monte

7.5-minute, 24000



Los Angeles

7.5-minute, 24000

2015 Source Sheets



El Monte

7.5-minute, 24000



Los Angeles

7.5-minute, 24000

2012 Source Sheets



El Monte

7.5-minute, 24000



Los Angeles

7.5-minute, 24000

1994 Source Sheets



Los Angeles

7.5-minute, 24000
Aerial Photo Revised 1978



El Monte

7.5-minute, 24000
Aerial Photo Revised 1978

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1991 Source Sheets



El Monte

7.5-minute, 24000
Aerial Photo Revised 1978

1981 Source Sheets



El Monte

7.5-minute, 24000
Aerial Photo Revised 1978



Los Angeles

7.5-minute, 24000
Aerial Photo Revised 1978

1972 Source Sheets



Los Angeles

7.5-minute, 24000
Aerial Photo Revised 1972



El Monte

7.5-minute, 24000
Aerial Photo Revised 1972

1966 Source Sheets



El Monte

7.5-minute, 24000
Aerial Photo Revised 1964



Los Angeles

7.5-minute, 24000
Aerial Photo Revised 1964

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1953 Source Sheets



Los Angeles

7.5-minute, 24000
Aerial Photo Revised 1952



El Monte

7.5-minute, 24000
Aerial Photo Revised 1952

1926 Source Sheets



El Monte

7.5-minute, 24000



Alhambra

7.5-minute, 24000

1923, 1924 Source Sheets



El Monte

7.5-minute, 24000



Alhambra

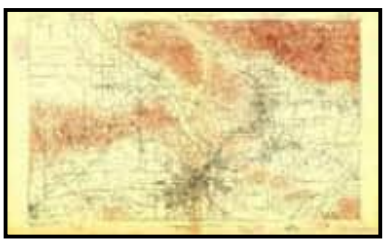
7.5-minute, 24000

1900 Source Sheets



Pasadena

15-minute, 62500



Los Angeles

15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1896 Source Sheets



Pasadena

15-minute, 62500

1894 Source Sheets

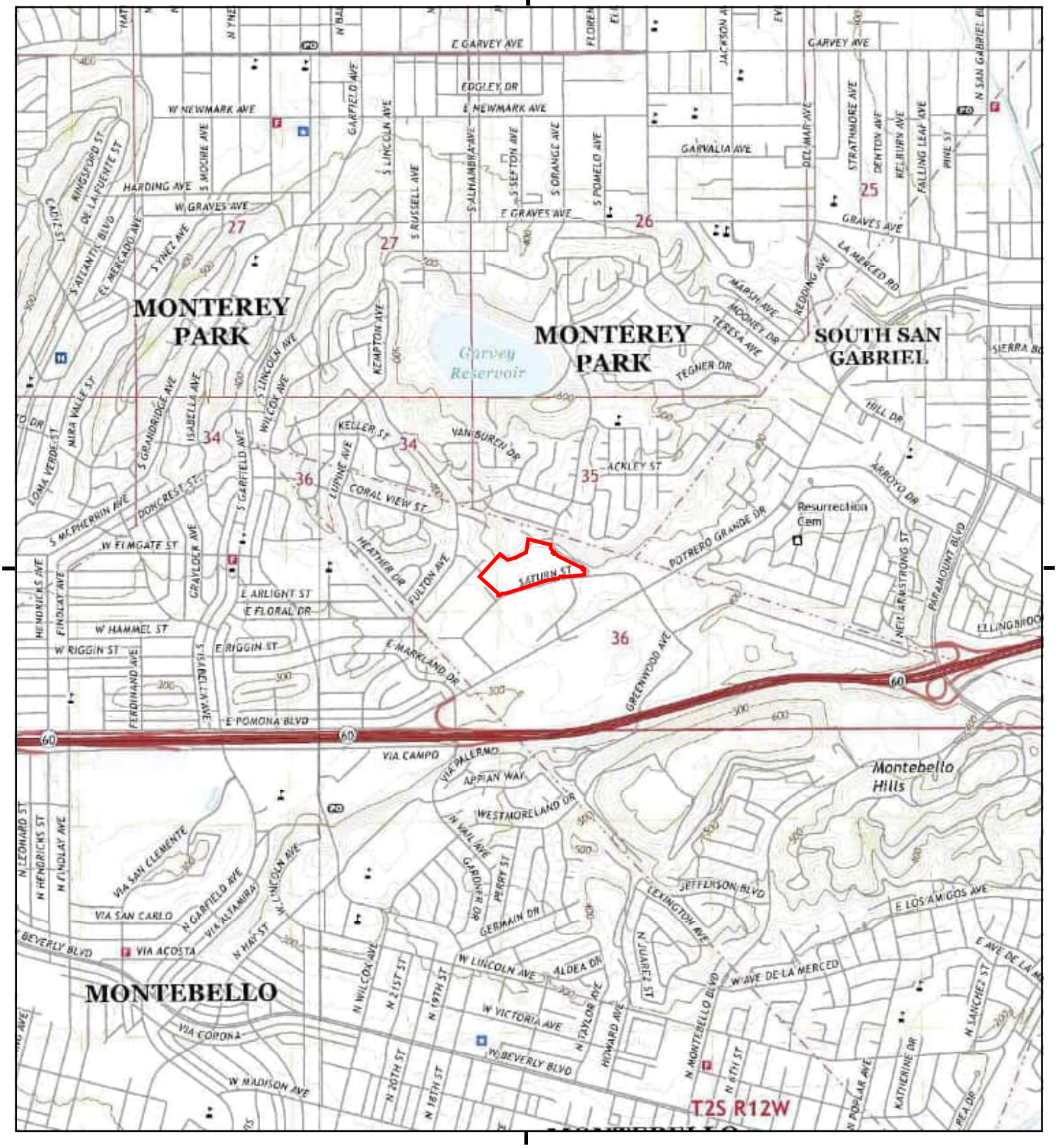


Los Angeles

15-minute, 62500

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

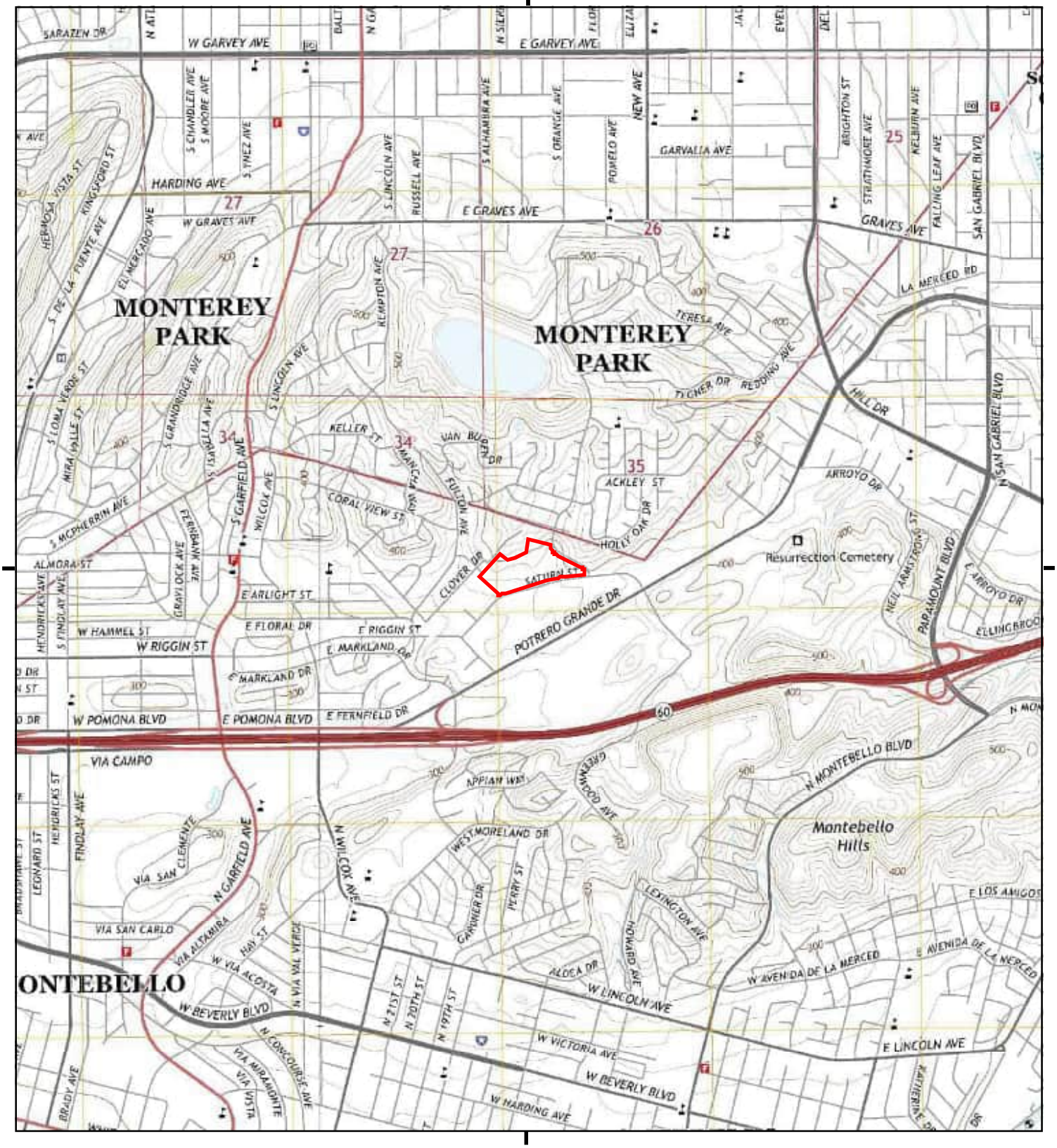
TP, El Monte, 2018, 7.5-minute
W, Los Angeles, 2018, 7.5-minute

SITE NAME: 1977 Saturn Street
ADDRESS: 1977 Saturn Street
Monterey Park, CA 91755
CLIENT: Northgate Env. Management, Inc.

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

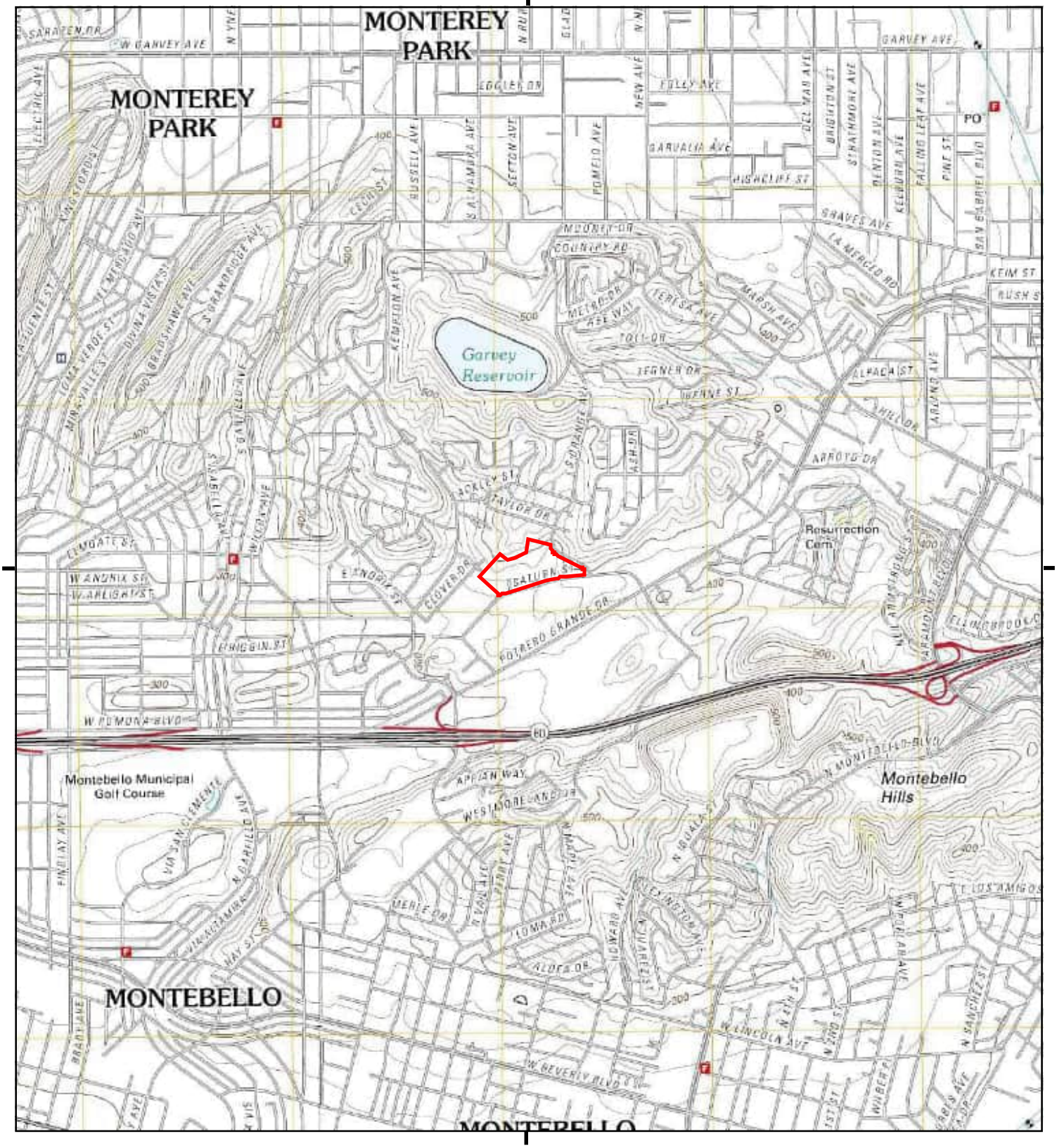
TP, El Monte, 2015, 7.5-minute
W, Los Angeles, 2015, 7.5-minute

SITE NAME: 1977 Saturn Street
ADDRESS: 1977 Saturn Street
Monterey Park, CA 91755
CLIENT: Northgate Env. Management, Inc.

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

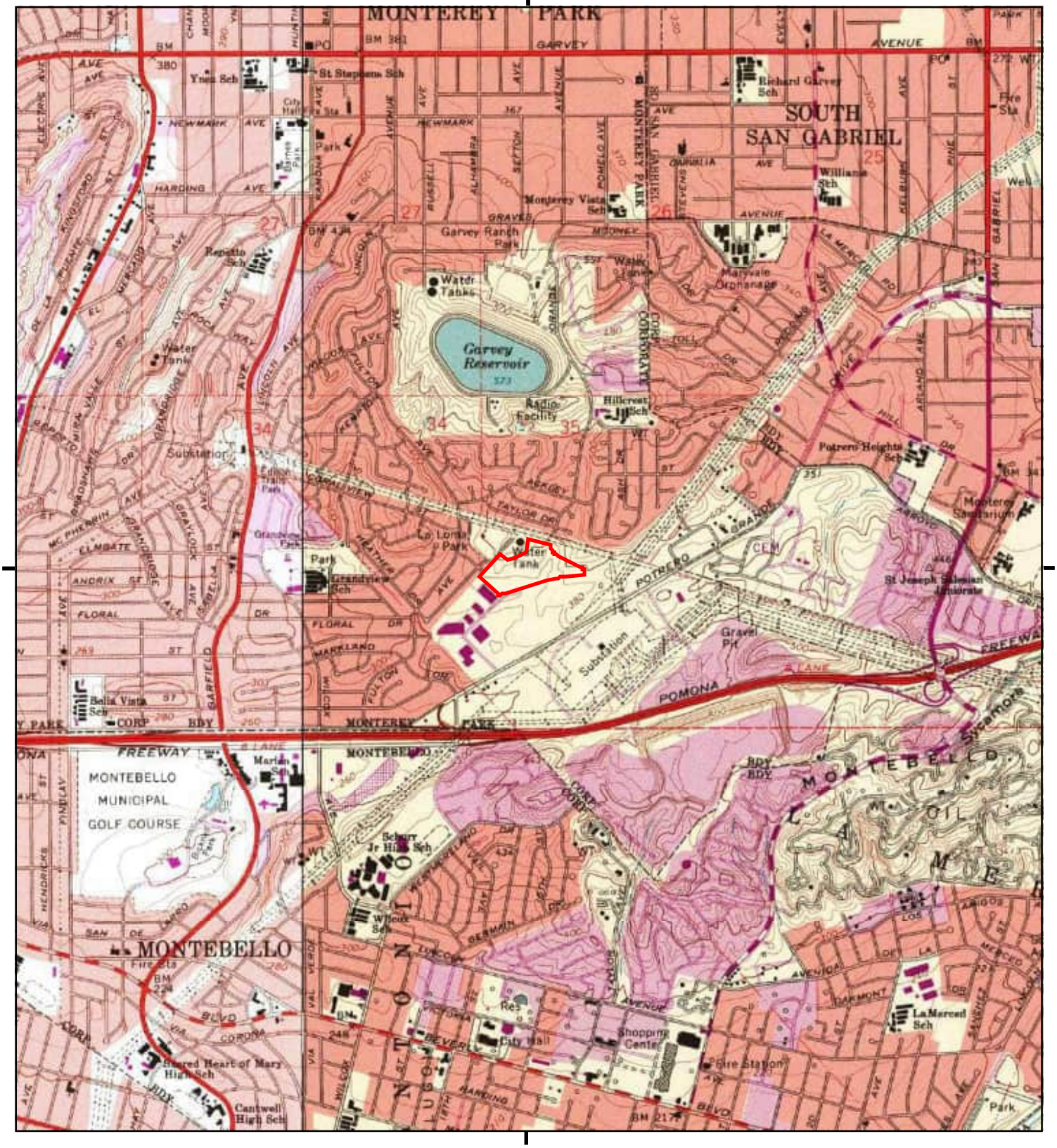
TP, El Monte, 2012, 7.5-minute
W, Los Angeles, 2012, 7.5-minute

SITE NAME: 1977 Saturn Street
ADDRESS: 1977 Saturn Street
Monterey Park, CA 91755
CLIENT: Northgate Env. Management, Inc.

N

Historical Topo Map

1994



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

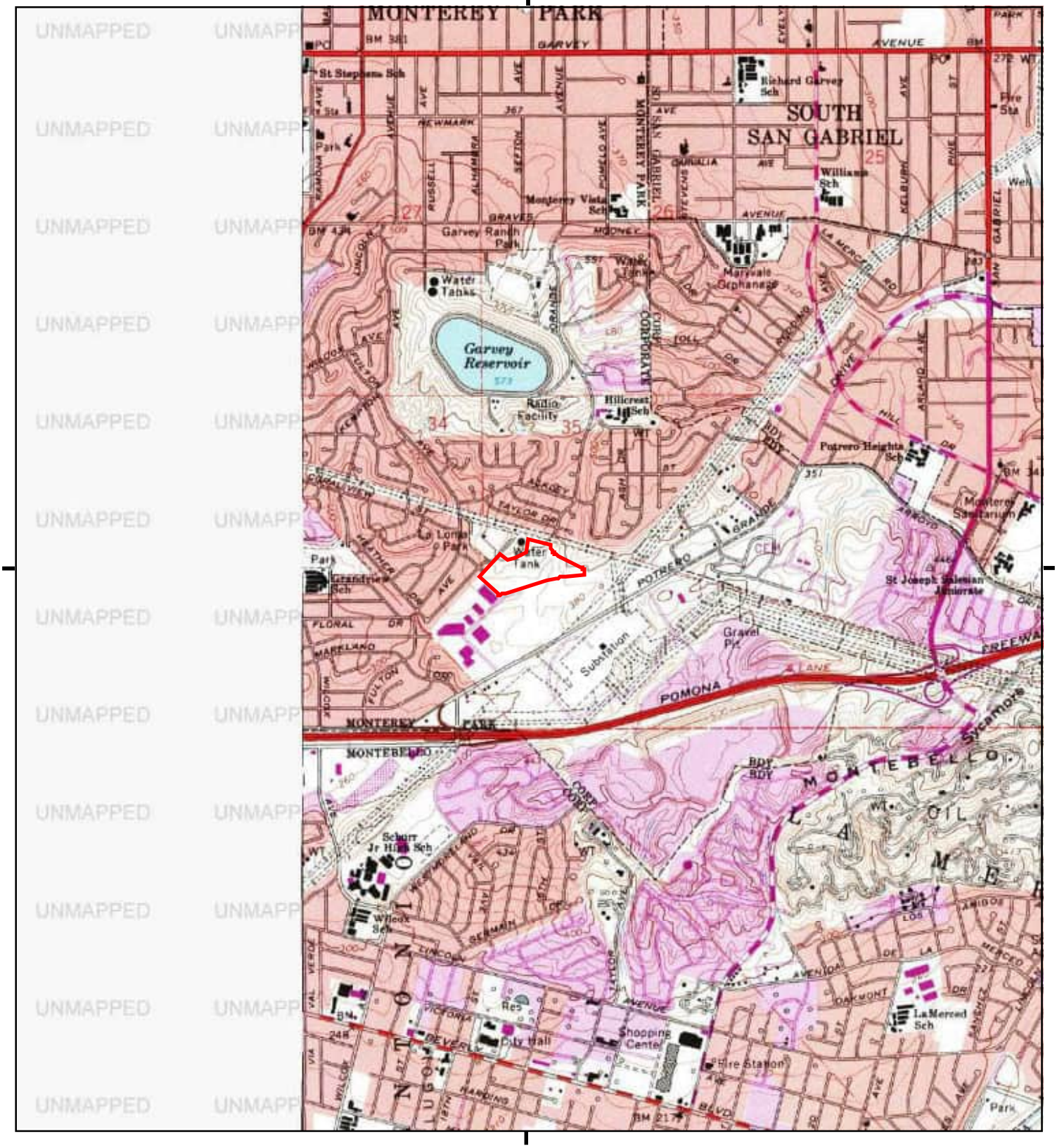
TP, El Monte, 1994, 7.5-minute
W, Los Angeles, 1994, 7.5-minute

SITE NAME: 1977 Saturn Street
ADDRESS: 1977 Saturn Street
Monterey Park, CA 91755
CLIENT: Northgate Env. Management, Inc.

N

Historical Topo Map

1991



This report includes information from the following map sheet(s).

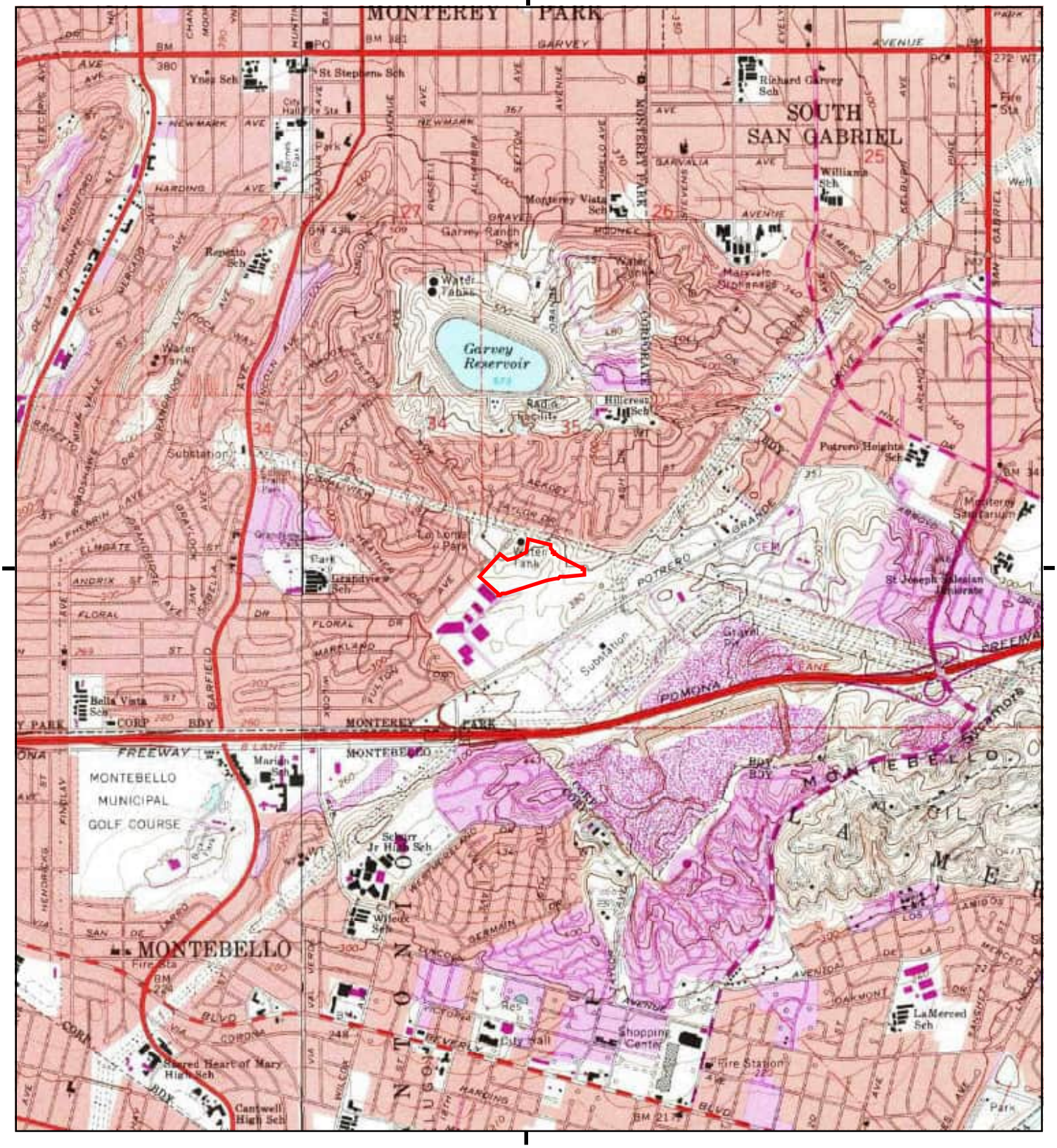
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, El Monte, 1991, 7.5-minute

SITE NAME: 1977 Saturn Street
ADDRESS: 1977 Saturn Street
Monterey Park, CA 91755
CLIENT: Northgate Env. Management, Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

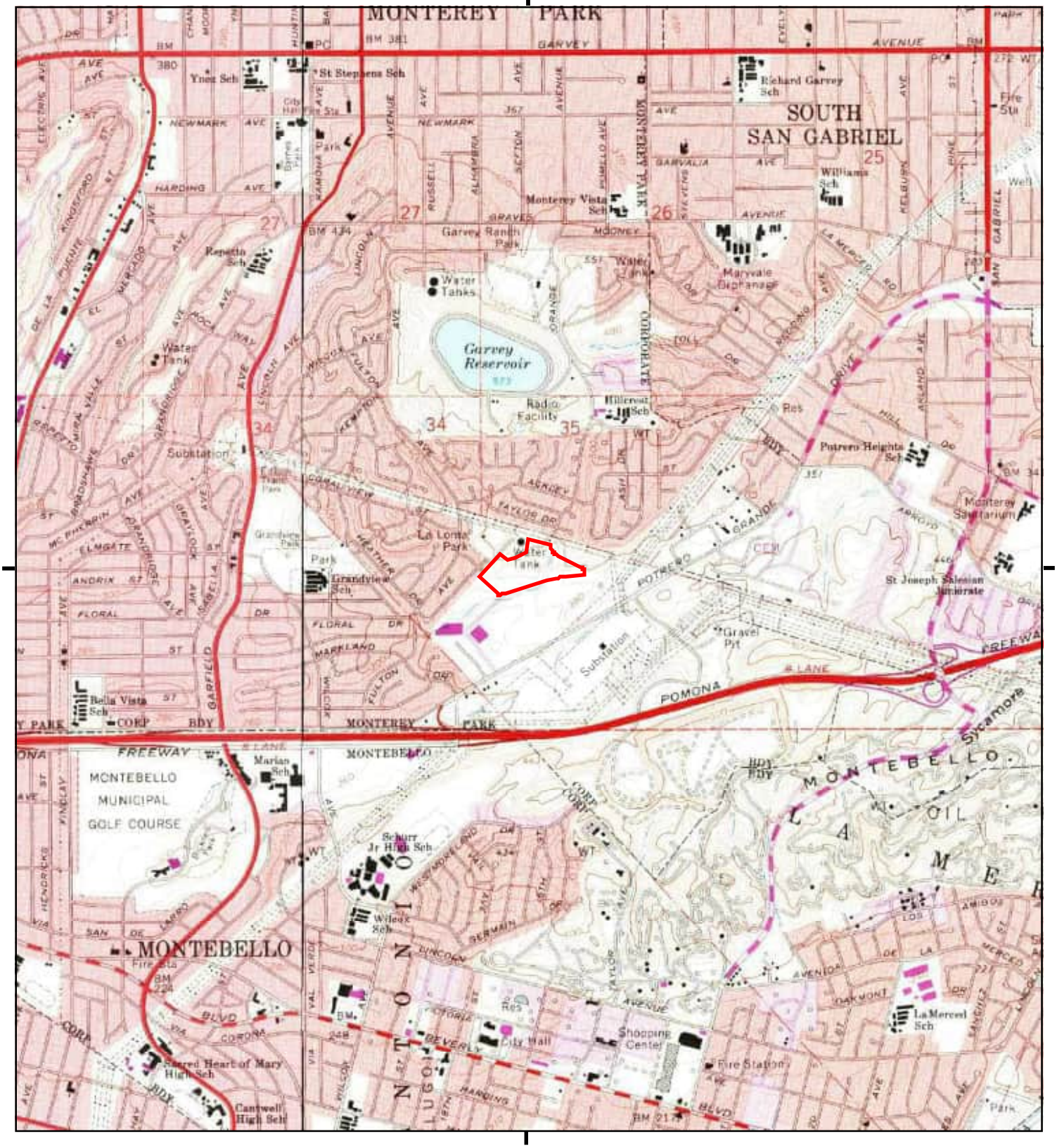
TP, El Monte, 1981, 7.5-minute
W, Los Angeles, 1981, 7.5-minute

SITE NAME: 1977 Saturn Street
ADDRESS: 1977 Saturn Street
Monterey Park, CA 91755
CLIENT: Northgate Env. Management, Inc.

N

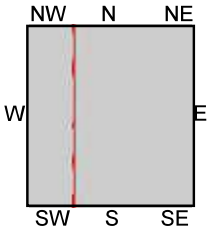
Historical Topo Map

1972



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0 Miles 0.25 0.5 1 1.5



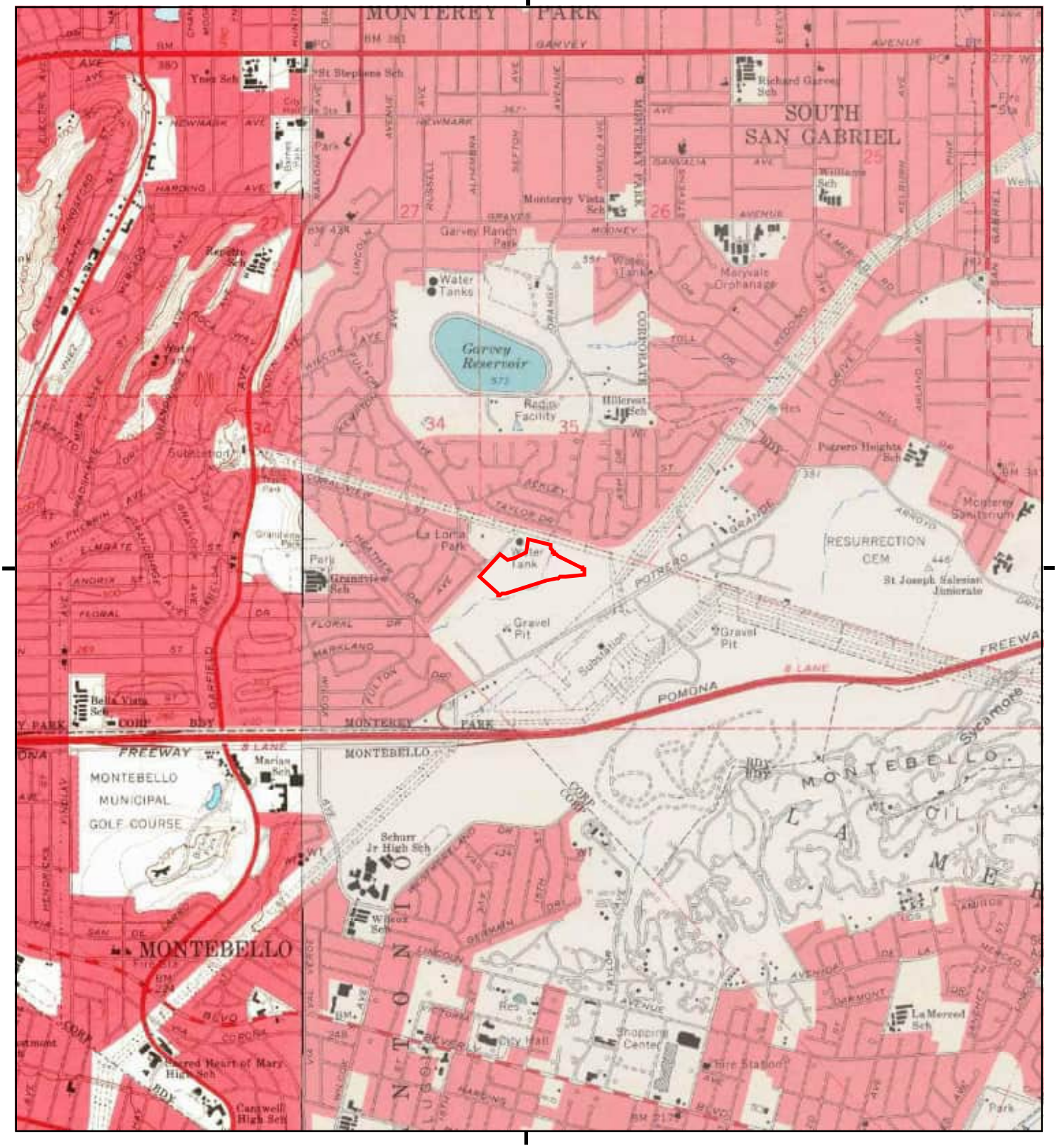
TP, El Monte, 1972, 7.5-minute
W, Los Angeles, 1972, 7.5-minute

SITE NAME: 1977 Saturn Street
ADDRESS: 1977 Saturn Street
Monterey Park, CA 91755
CLIENT: Northgate Env. Management, Inc.

N

Historical Topo Map

1966



This report includes information from the following map sheet(s).

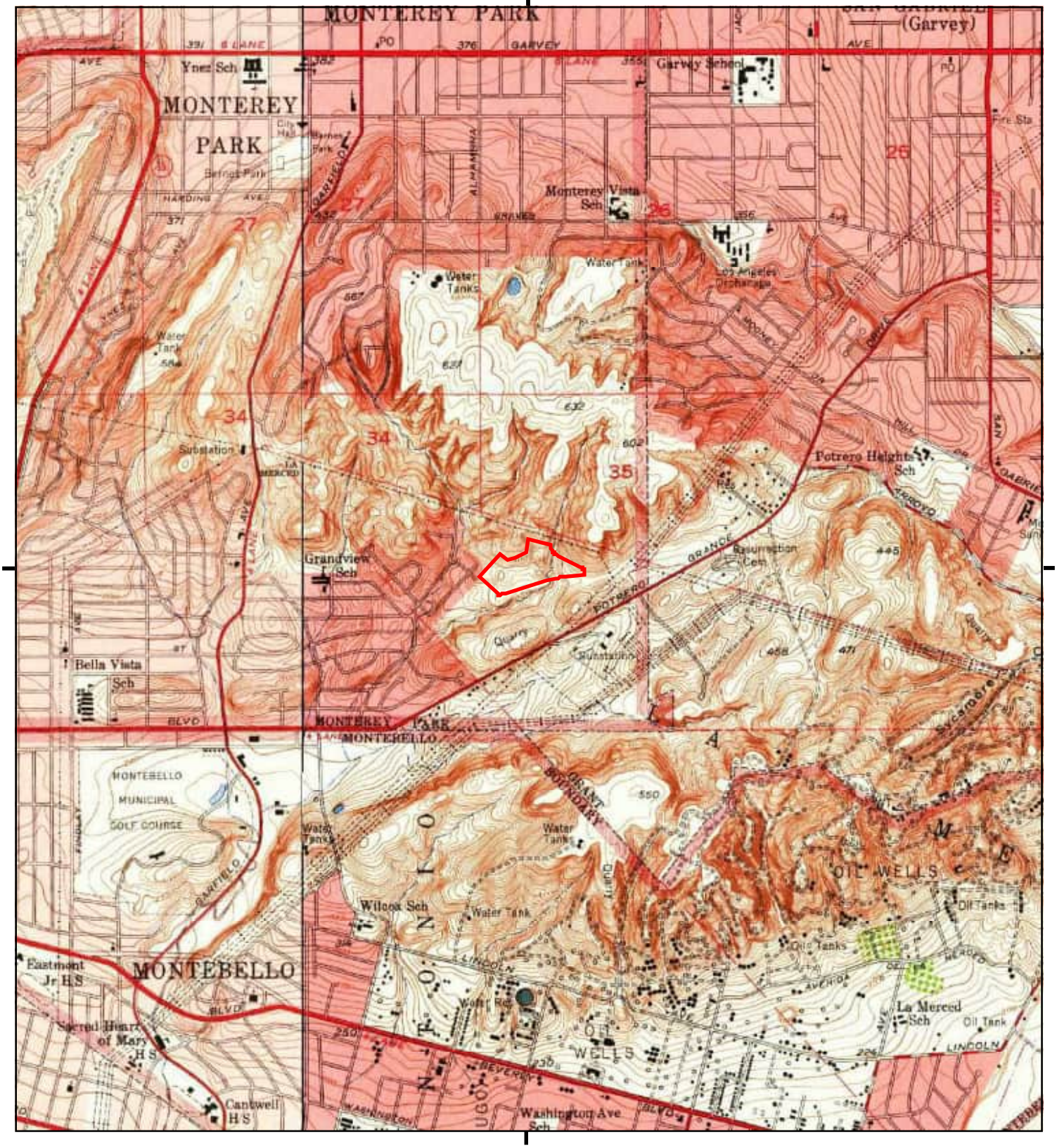
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, El Monte, 1966, 7.5-minute
W, Los Angeles, 1966, 7.5-minute

SITE NAME: 1977 Saturn Street
ADDRESS: 1977 Saturn Street
Monterey Park, CA 91755
CLIENT: Northgate Env. Management, Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

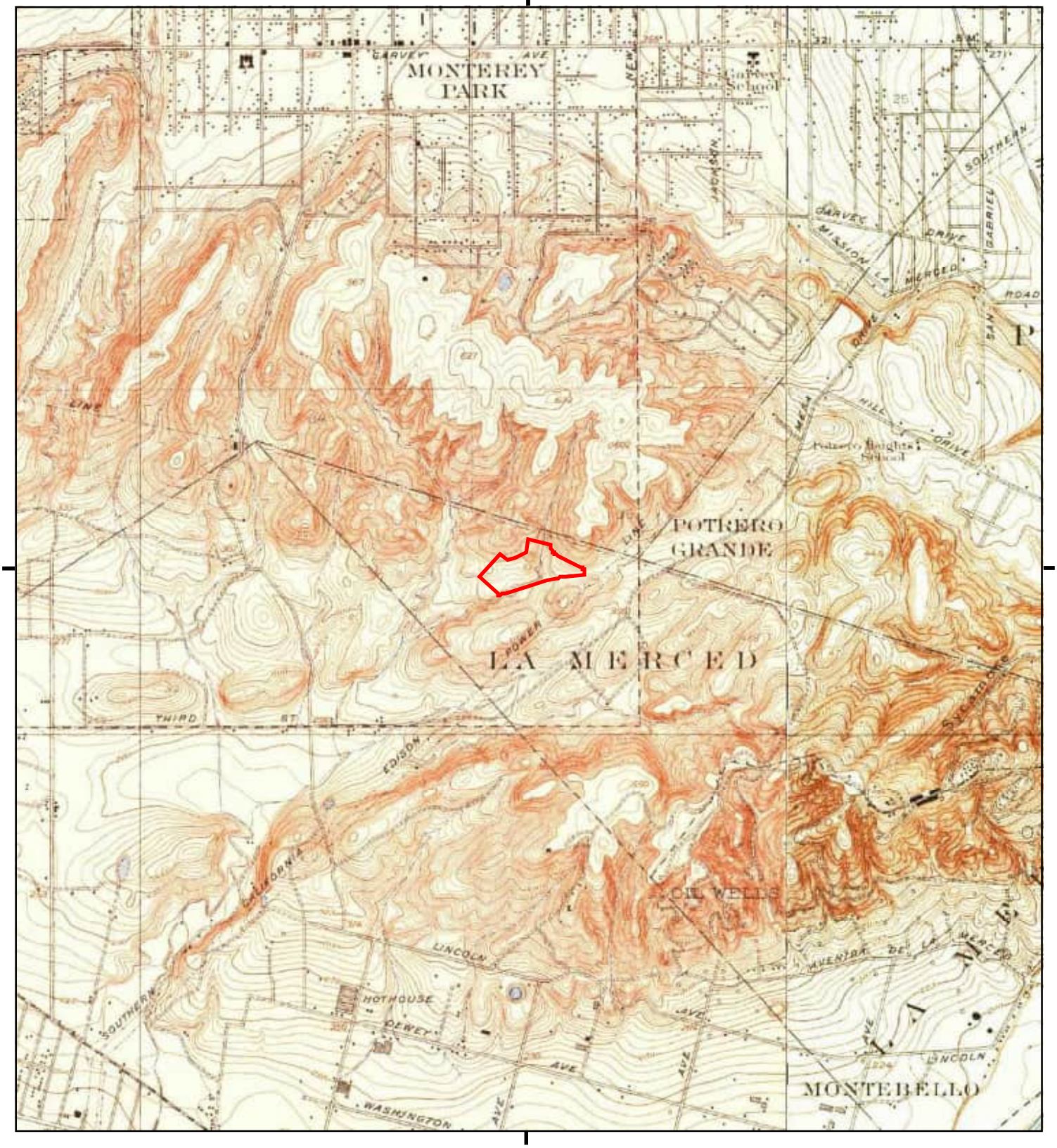
TP, El Monte, 1953, 7.5-minute
W, Los Angeles, 1953, 7.5-minute

SITE NAME: 1977 Saturn Street
ADDRESS: 1977 Saturn Street
Monterey Park, CA 91755
CLIENT: Northgate Env. Management, Inc.

N

Historical Topo Map

1926



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

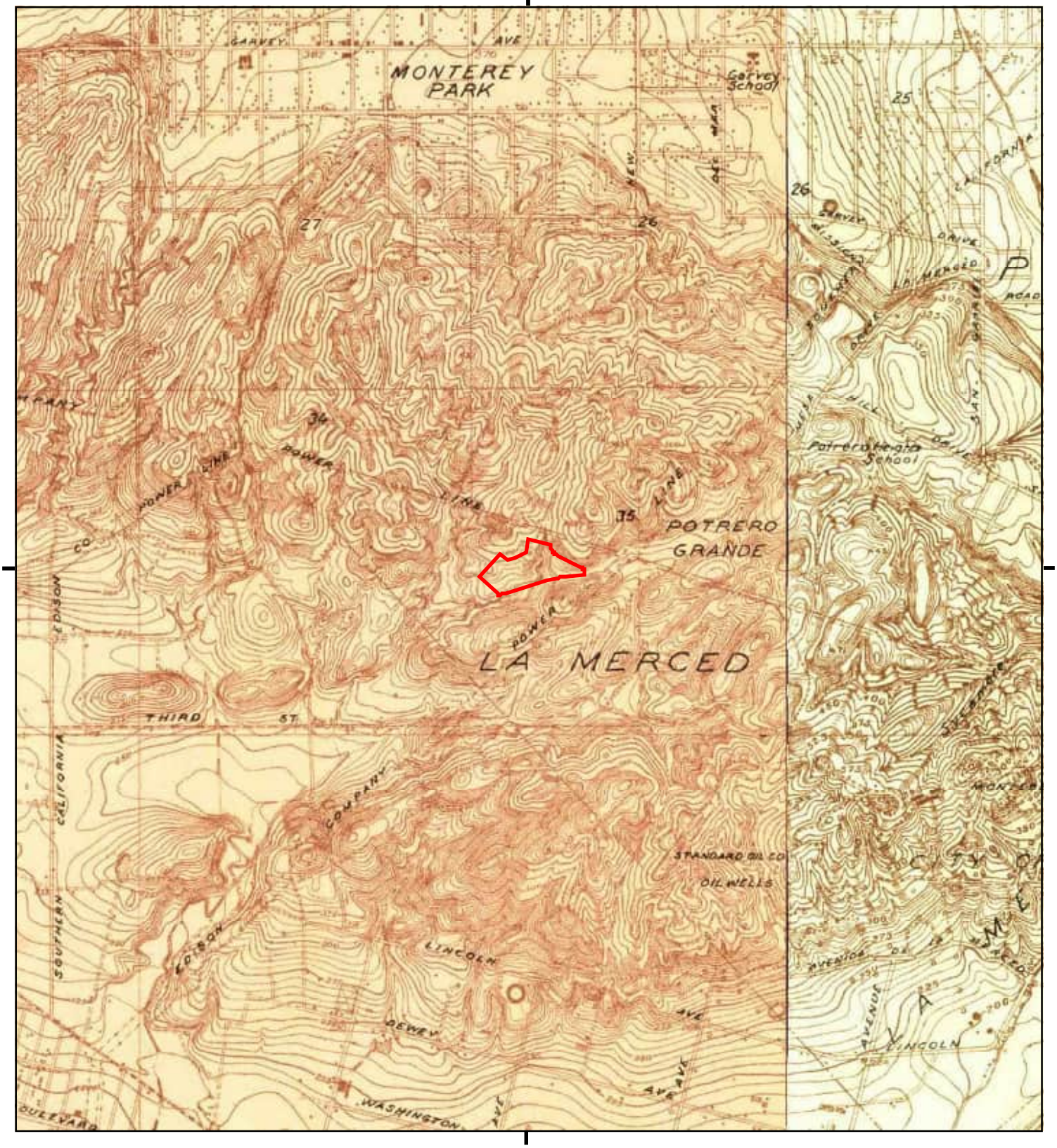
TP, Alhambra, 1926, 7.5-minute
E, El Monte, 1926, 7.5-minute

SITE NAME: 1977 Saturn Street
ADDRESS: 1977 Saturn Street
Monterey Park, CA 91755
CLIENT: Northgate Env. Management, Inc.

N

Historical Topo Map

1923, 1924



This report includes information from the following map sheet(s).

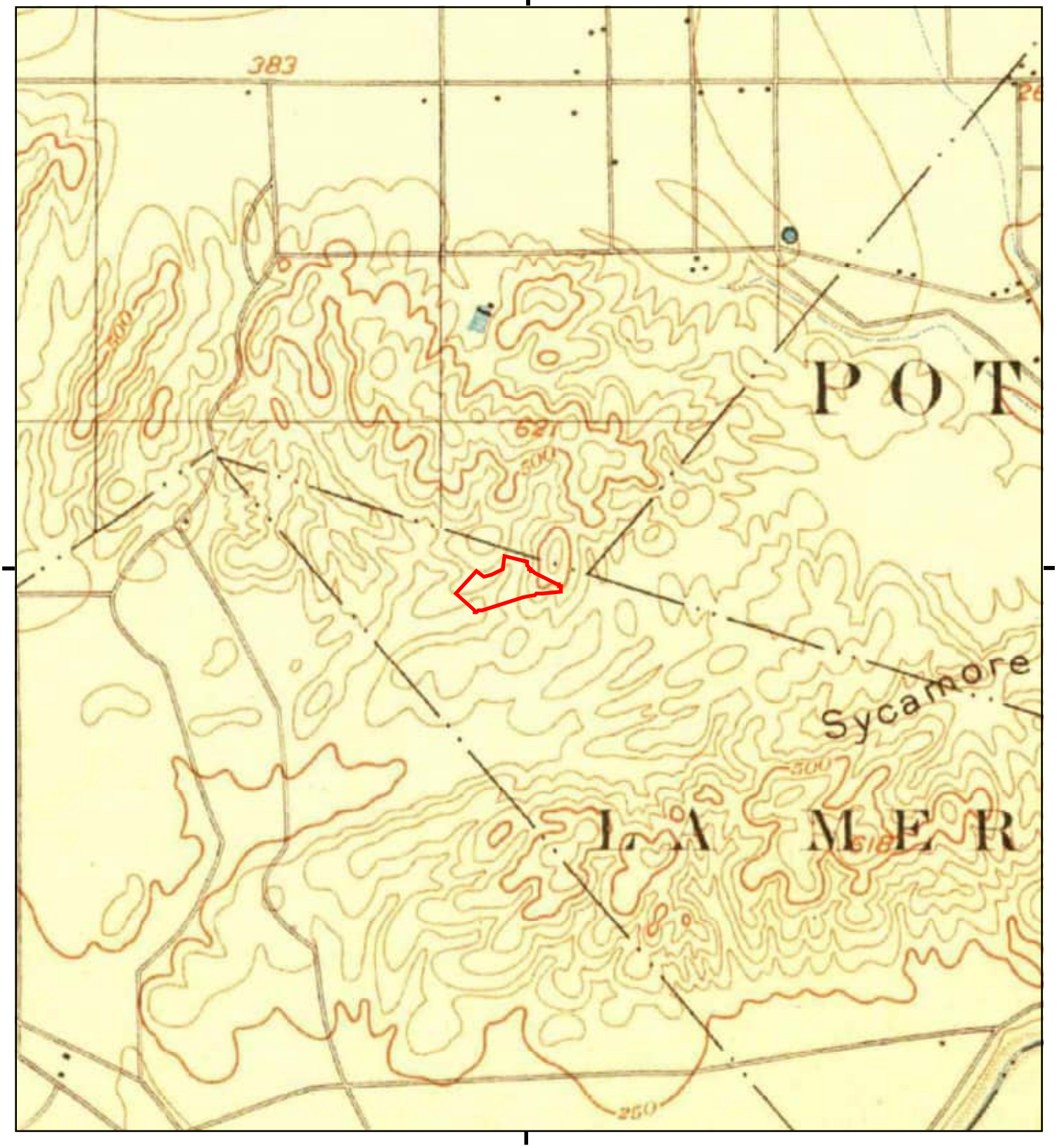
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Alhambra, 1924, 7.5-minute
E, El Monte, 1923, 7.5-minute

SITE NAME: 1977 Saturn Street
ADDRESS: 1977 Saturn Street
Monterey Park, CA 91755
CLIENT: Northgate Env. Management, Inc.

N



This report includes information from the following map sheet(s).

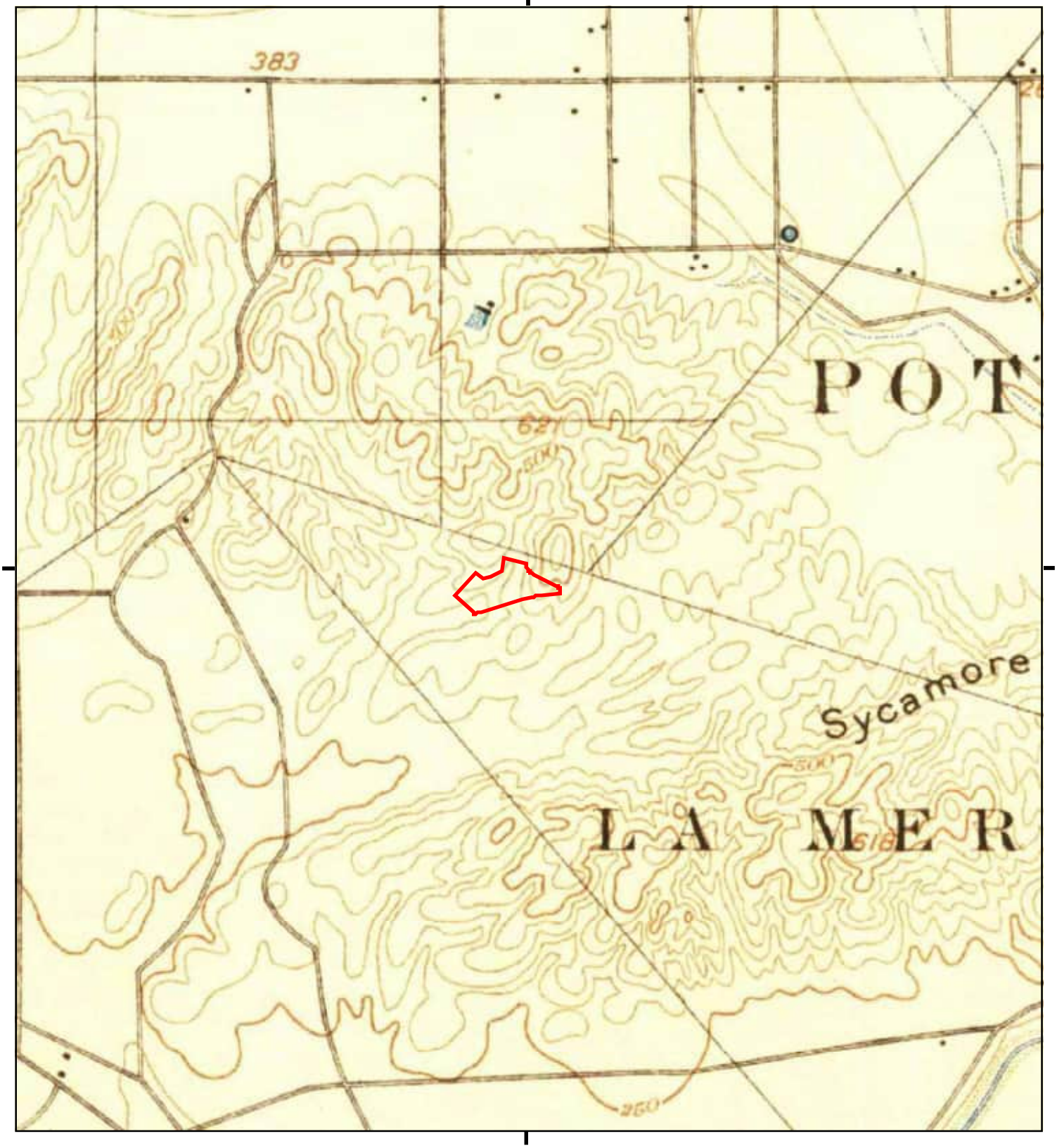
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Pasadena, 1900, 15-minute
TP, Los Angeles, 1900, 15-minute

SITE NAME: 1977 Saturn Street
ADDRESS: 1977 Saturn Street
Monterey Park, CA 91755
CLIENT: Northgate Env. Management, Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

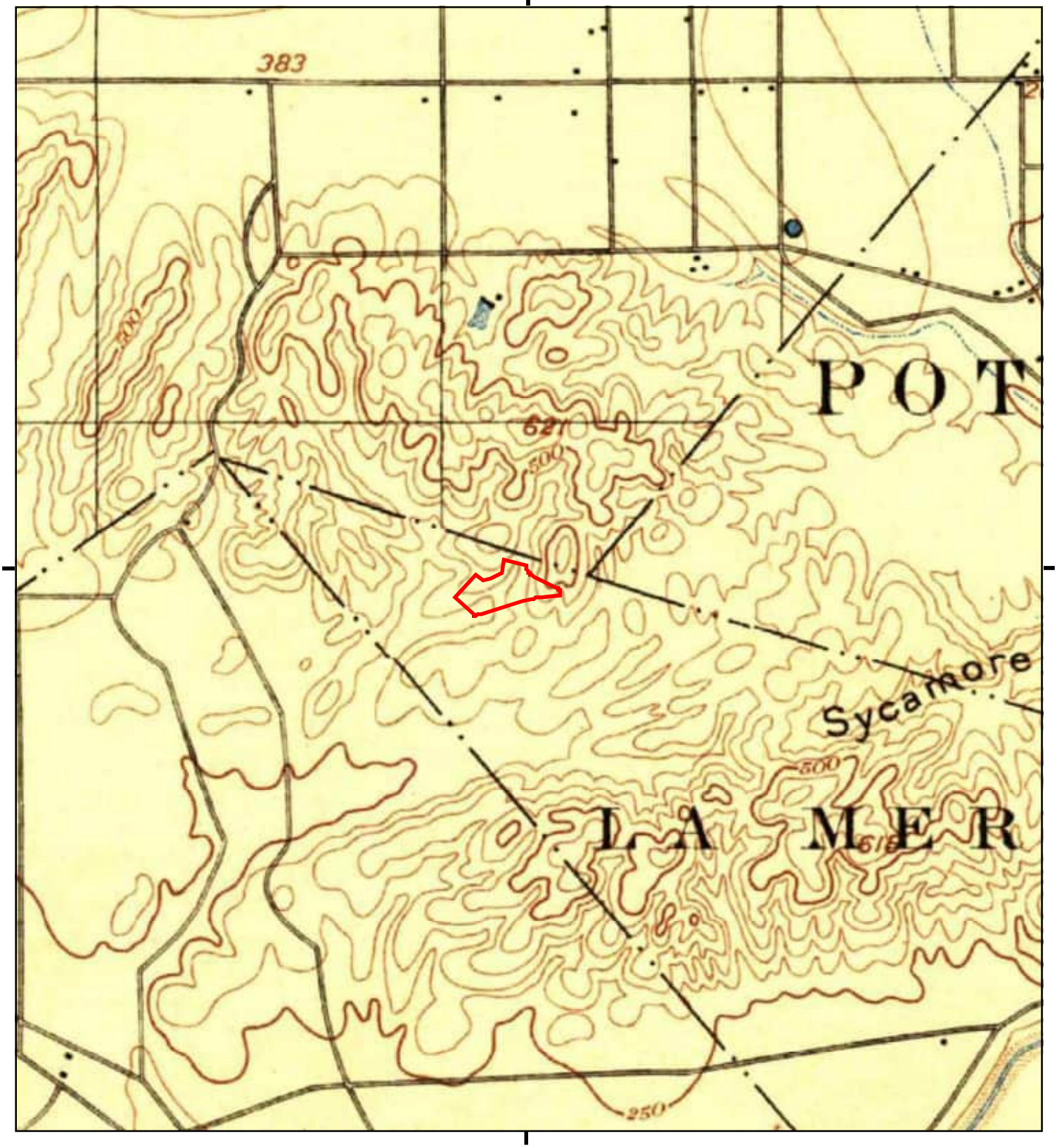
TP, Pasadena, 1896, 15-minute

SITE NAME: 1977 Saturn Street
ADDRESS: 1977 Saturn Street
Monterey Park, CA 91755
CLIENT: Northgate Env. Management, Inc.

N

Historical Topo Map

1894



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Los Angeles, 1894, 15-minute

SITE NAME: 1977 Saturn Street
ADDRESS: 1977 Saturn Street
Monterey Park, CA 91755
CLIENT: Northgate Env. Management, Inc.

N

APPENDIX G

THE EDR-CITY DIRECTORY ABSTRACT

1977 Saturn Street
1977 Saturn Street
Monterey Park, CA 91755

Inquiry Number: 6846152.5
February 08, 2022

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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City Directory Images

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2014	Cole Information Services	X	X	X	-
2009	Cole Information Services	X	X	X	-
2006	Haines Company	-	X	X	-
2004	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
	Haines Company	-	-	-	-
	Haines Company	X	-	X	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Pacific Bell Telephone	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1999	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
	Haines Company	-	-	-	-
	Haines Company	X	-	X	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	X	X	-
1994	Cole Information Services	X	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	-	-	-
1990	Pacific Bell	-	X	X	-
1986	Pacific Bell	-	X	X	-
1985	Pacific Bell	-	X	X	-
1981	Pacific Telephone	-	-	-	-
1980	Pacific Telephone	-	X	X	-
1976	R.L. Polk & Co Publishers	-	-	-	-
1975	Pacific Telephone	-	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	-	X	X	-
1970	Pacific Telephone	-	-	-	-
1969	Pacific Telephone	-	-	-	-
1967	R. L. Polk & Co.	-	-	-	-
1966	Pacific Telephone	-	X	X	-
1965	GTE	-	-	-	-
1964	Pacific Telephone	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	-	-	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	X	X	-
1958	Pacific Telephone	-	-	-	-
1957	Pacific Telephone	-	-	-	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	-	-	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Los Angeles Directory Co Publishers	-	-	-	-
1950	Pacific Telephone	-	-	-	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1947	Pacific Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	-	-	-
1940	Los Angeles Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Company Publishers	-	-	-	-
1937	Los Angeles Directory Co.	-	-	-	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	-	-	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Company Publishers	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	-	-	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	-	-	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
2001 Saturn Street	Client Entered	X
1980 Saturn Street	Client Entered	X
1968 Saturn Street	Client Entered	
1996 South Orange Avenue	Client Entered	
1980 Clover Drive	Client Entered	
2204 Iris Way	Client Entered	X
632 Taylor Drive	Client Entered	X
700 Portrero Grande Drive	Client Entered	
2019 Saturn Street	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

1977 Saturn Street
Monterey Park, CA 91755

FINDINGS DETAIL

Target Property research detail.

SATURN ST

1977 SATURN ST

Year	*Uses*	*Source*
2014	BANK OF THE WEST	Cole Information Services
2009	BANK OF THE WEST	Cole Information Services
	MARRIOTT INTL INC	Cole Information Services
	SODEXHO CORP	Cole Information Services
2004	BANK OF THE WEST	Cole Information Services
	MARRIOTT INTERNATIONAL INC	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	SANWA BANK	Cole Information Services

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

IRIS WAY

2204 IRIS WAY

Year	*Uses*	*Source*
2014	RICK BURROUGHS	Cole Information Services
2009	RICK BURROUGHS	Cole Information Services
2004	RICK BURROUGHS	Cole Information Services
1999	RICK BURROUGHS	Cole Information Services

Iris Way

2204 Iris Way

Year	*Uses*	*Source*
1980	BERNARD MATHEW D IRIS WY MONTEREY PARK	Pacific Telephone
1966	REIS MARY BETH	Pacific Telephone
	REISA RONALD C MD	Pacific Telephone

RED PLUM CIR

2 RED PLUM CIR

Year	*Uses*	*Source*
2014	ROSS NAME PLATE COMPANY	Cole Information Services
	LLOYDS CAPITAL	Cole Information Services
	ROSS NAME PLATE COMPANY	Cole Information Services
	LLOYDS CAPITAL	Cole Information Services
2009	ROSS NAME PLATE CO	Cole Information Services
	LLOYDS CAPITAL INC	Cole Information Services
	ROSS NAME PLATE CO	Cole Information Services
	LLOYDS CAPITAL INC	Cole Information Services
2006	LLOYDSCAPITAL	Haines Company
	ROSS NAME PLATE	Haines Company

FINDINGS

Year	Uses	Source
2006	COMPANY	Haines Company
	LLOYDS CAPITAL	Haines Company
2004	C LLOYDS	Cole Information Services
	ROSS NAME PLATE CO	Cole Information Services
	LLOYDS CAPITAL INC	Cole Information Services
	C LLOYDS	Cole Information Services
	ROSS NAME PLATE CO	Cole Information Services
	LLOYDS CAPITAL INC	Cole Information Services
1999	INVESTMENT MANAGEMENT & RESEARCH INCORPORATED	Cole Information Services
	ROSS NAME PLATE COMPANY	Cole Information Services
	LLOYDS CAPITAL	Cole Information Services
	INVESTMENT MANAGEMENT & RESEARCH INCORPORATED	Cole Information Services
	ROSS NAME PLATE COMPANY	Cole Information Services
	LLOYDS CAPITAL	Cole Information Services
1995	Lloyds Capital	Pacific Bell
	ROss OE	Pacific Bell
	Ross O MJack LH	Pacific Bell
	Investment Management & Research Inc	Pacific Bell
	Ross Name Plate Co	Pacific Bell
1994	LLOYDS CAPITAL	Cole Information Services
	INVESTMENT MANAGEMENT & RSRCH	Cole Information Services
	LLOYDS CAPITAL	Cole Information Services
	INVESTMENT MANAGEMENT & RSRCH	Cole Information Services
1990	SUPERCRUISER SCOOTERS MONTEREY PARK	Pacific Bell
1985	ROSS NAME PLATE CO	Pacific Bell

3 RED PLUM CIR

Year	Uses	Source
2009	JOHN HOWARD	Cole Information Services
2004	JOHN HOWARD	Cole Information Services
1999	JOHN HOWARD	Cole Information Services

FINDINGS

SATURN ST

1980 SATURN ST

Year	*Uses*	*Source*
2014	UNION BANK	Cole Information Services
	METRO CA TOWING SPECIALIST	Cole Information Services
	UNION BANK	Cole Information Services
	METRO CA TOWING SPECIALIST	Cole Information Services
	UNION BANK	Cole Information Services
	METRO CA TOWING SPECIALIST	Cole Information Services
2009	UNION BANK OF CALIFORNIA	Cole Information Services
	EADS TELECOM NORTH AMERICA	Cole Information Services
	UNION BANK OF CALIFORNIA	Cole Information Services
	EADS TELECOM NORTH AMERICA	Cole Information Services
	UNION BANK OF CALIFORNIA	Cole Information Services
	EADS TELECOM NORTH AMERICA	Cole Information Services
2006	PRIMARY	Haines Company
	BANKONEUBOC	Haines Company
2004	ARAMARK SERVICES INC	Cole Information Services
	EADS TELECOM NORTH AMERICA	Cole Information Services
	MUPHUKUMAR RADHAKRISHNAN	Cole Information Services
	B VERA	Cole Information Services
	ARAMARK SERVICES INC	Cole Information Services
	EADS TELECOM NORTH AMERICA	Cole Information Services
	MUPHUKUMAR RADHAKRISHNAN	Cole Information Services
	B VERA	Cole Information Services
	ARAMARK SERVICES INC	Cole Information Services
	EADS TELECOM NORTH AMERICA	Cole Information Services
	MUPHUKUMAR RADHAKRISHNAN	Cole Information Services
	B VERA	Cole Information Services
1994	UNION BANK	Cole Information Services
	UNION BANK	Cole Information Services
	UNION BANK	Cole Information Services

FINDINGS

2001 SATURN ST

Year	*Uses*	*Source*
2006	CONSTRUCTION INC	Haines Company
	MDL	Haines Company
2004	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

2019 SATURN ST

Year	*Uses*	*Source*
2014	FKC INTERNATIONAL INC	Cole Information Services
2009	FKC INTERNATIONAL INC	Cole Information Services
	AXT INC	Cole Information Services
2004	ALPHA PHOTONICS INC	Cole Information Services
1999	A C T INCORPORATED	Cole Information Services
	ALPHA PHOTONICS INCORPORATED	Cole Information Services
1994	NEWTRONICS CO LTD	Cole Information Services
1980	UNITTZED COMPONENT TECHNOLOGY SATURN ST MONTEREY PARK	Pacific Telephone
	UNITIZED COMPONENT TECHNOLOGY SATURN ST MONTEREY PARK	Pacific Telephone

2051 SATURN ST

Year	*Uses*	*Source*
1995	TMC POWER EQUIPMENT INC	Pacific Bell
1985	TAS MOTOR CO INC M PK	Pacific Bell
1980	TAS MOTOR CO INC SATURN ST MONTEREY PARK	Pacific Telephone

Saturn Street

1980 Saturn Street

Year	*Uses*	*Source*
2006	BANKONEUBOC	Haines Company
	PRIMARY	Haines Company

FINDINGS

2001 Saturn Street

Year	Uses	Source
2006	MDL	Haines Company
	CONSTRUCTION INC	Haines Company

2019 Saturn Street

Year	Uses	Source
1995	MITSUMI ELECTRONICS CORP	Pacific Bell
	Mitsumi Electronics Corp	Pacific Bell
	Mitsumori Jas K	Pacific Bell
	Mitsumori John	Pacific Bell
	Mitsumori T	Pacific Bell
1985	UNITIZED COMPONENT TECHNOLOGY	Pacific Bell
	UNITTZED COMPONENT TECHNOLOGY	Pacific Bell
1980	UNITIZED COMPONENT TECHNOLOGY SATURN ST MONTEREY PARK	Pacific Telephone
	UNITTZED COMPONENT TECHNOLOGY SATURN ST MONTEREY PARK	Pacific Telephone

TAYLOR DR

632 TAYLOR DR

Year	Uses	Source
2014	BONNIE FURUKAWA	Cole Information Services
2009	BONNIE FURUKAWA	Cole Information Services
2004	BONNIE FURUKAWA	Cole Information Services
1999	BONNIE FURUKAWA	Cole Information Services
1994	FURUKAWA, ROSE	Cole Information Services

Taylor Drive

632 Taylor Drive

Year	Uses	Source
2006	FURUKAWABonnie	Haines Company
1986	CHUI VIVIAN WAIMUN MONTEREY PARK	Pacific Bell
1985	CHUI VIVIAN WAIMUN	Pacific Bell
	GUTIERREZ MARY A	Pacific Bell

FINDINGS

Year	*Uses*	*Source*
1980	ORTIZ ANNA TAYLOR DR MONTEREY PARK	Pacific Telephone
	PONCE ROBT TAYLOR DR MONTEREY PARK	Pacific Telephone
1975	PONCE ROBT	Pacific Telephone
1971	Schwartz Harry	Pacific Telephone
1966	SCHWARTZ HARRY	Pacific Telephone
1960	SCHWARTZ HARRY	Pacific Telephone

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1968 Saturn Street	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1980 Clover Drive	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1980 SATURN ST	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1980 SATURN ST	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1980 SATURN ST	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1980 Saturn Street	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1996 South Orange Avenue	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2 RED PLUM CIR	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
2 RED PLUM CIR	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2001 SATURN ST	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2001 SATURN ST	2014, 2009, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2001 SATURN ST	2014, 2009, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2001 Saturn Street	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2019 SATURN ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2019 SATURN ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2019 Saturn Street	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2051 SATURN ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
2204 IRIS WAY	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2204 Iris Way	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3 RED PLUM CIR	2014, 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
632 TAYLOR DR	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
632 Taylor Drive	2014, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1981, 1976, 1972, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
700 Portrero Grande Drive	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
1977 Saturn Street	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

APPENDIX H

SITE REPORTS AND DOCUMENTS

FORM 159

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT OF WELL ABANDONMENT

Inglewood, California

August 9, 1967

Mr. H. Tom Smith
209 Fair Oaks Avenue, Suite 407
South Pasadena, California
Agent for BRADFORD BISHOP, OPERATOR

DEAR SIR:

Your report of abandonment of Well No. (037-20192) "Monterey Park" 1,
Sec. 35, T. 1 S., R. 12 W., S. B. B. & M., - - - field,
Los Angeles County, dated August 2, 1967, received August 3, 1967,
has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

VFG:es
cc - Mr. E. R. Murray-Aaron
Mr. Dave Adkinson
Production Dept.
Conservation Comm.
Mr. E. S. Doe
Fire Prevention Bureau

Bond No. 1410890
Dated 6-22-67

E. R. MURRAY-AARON
State Oil and Gas Supervisor

By _____
Deputy Supervisor

DOG48-708 3-67 10M ② OSP

WORK PERFORMED:

Drill ✓ Redrill ____ Deepen ____

Plug ____ Alter casing ____

Water flood ____ Water disposal ____

Abandon ✓

Other ____

STATUS: (Date)

Producing ____

Recomp. prod. ____

Water flood ____

Water disposal ____

Abandoned 7-22-67

Other ____

MAP AND BOOK 103 RJ 8-10

RECORDS FILED & DATE: Clerk MT

✓ Summary (dup.) 8/3/67

✓ Log & Core (dup.) 8/3/67

✓ History (dup.) 8/3/67 8/8/67 ✓

✓ E-log ~~Micro~~ 7920' 8/3/67

Radio log ____

D. Survey ____

Other ____

(Check records for signature and correct name of operator or well, S.T.R. and field.)

Location ok Notice states ____

Elevation ok Notice states ____

Production Reports ____

(If production reports not received, make notation and inform Sr. Steno. when rec'd.)

If stimulation or disposal well:
Form 121 ____ Folder ____

RECORDS & REQUIREMENTS CHECKED: Eng. WB

✓

✓

✓

✓

Surface inspection O.K.

Data needed None Clerk:

Request records ____ F 170 ____

Correct records ____ F 165 ____
(Specify) 165A ____

CARDS ____

BOND: No. 1410890 dated 6-22-67

Hold ____ Reason ____

Release ✓ Date elig. 8-8-67 F 150b ab

End premium year ____
Release requested ____ (Check)
Bond superseded ____ (one)
Well abandoned ✓

FINAL LETTER ✓ F 159 lcd

and

FILE CLEARED ✓ F 121 ab

Form 19-A

FORM 100
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

WELL SUMMARY REPORT

Operator BRADFORD BISHOP, Opera tor Field ---- LA County

Well No. "Monterey Park" 1 Sec. 35, T. 1 S, R. 12 W, S.B. B. & M.

Location 2150' N along W ln. of Sec.35 and 435' at right angles to sd. ln.from SW corner of Sec.35,T1S R12W,SBB&M.

Elevation of ground above sea level 343 feet.

All depth measurements taken from top of KB, which is 12 feet above ground.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date August 2, 1967

Signed Bradford Bishop

Dean Shepard, Engr. (Engineer or Geologist)

---- (Superintendent)

Title Operator (President, Secretary or Agent)

Commenced drilling June 29, 1967 Completed drilling July 20, 1967 Drilling tools ~~Cable~~ Rotary

Total depth 7920 ft. Plugged depth 3550 ft.

Junk None

GEOLOGICAL MARKERS	DEPTH

Commenced producing Never produced (date) Flowing/gas lift/pumping (cross out unnecessary words)

	Clean Oil bbl. per day	Gravity Clean Oil	Per Cent Water including emulsion	Gas Mcf. per day	Tubing Pressure	Casing Pressure
Initial production						
Production after 30 days						

Casing Record (Present Hole)

Size of Casing (A. P. I.)	Depth of Shoe	Top of Casing	Weight of Casing	New or Second Hand	Seamless or Lapweld	Grade of Casing	Size of Hole Drilled	Number of Sacks of Cement	Depth of Cementing if through perforations
9-5/8"	610'	--	32.30#	New	Seamless	H-40	13-3/4"	338	

Perforations

Size of Casing	From	To	Size of Perforations	Number of Rows	Distance Between Centers	Method of Perforations
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				

DIVISION OF OIL AND GAS
RECEIVED
AUG 5 1967
INGLEWOOD, CALIFORNIA

Electrical Log Depths I-E Log enclosed (Attach Copy of Log)

FORM 103

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
AUG 8 1967
INGLEWOOD, CALIFORNIA

(1)

History of Oil or Gas Well

OPERATOR BRADFORD BISHOP, Operator (FIELD) Los Angeles County

Well No. "Monterey Park" 1, Sec. 35, T. 1 S, R. 12 W, S.B. B. & M.

Date August 2, 1967 Signed Bradford Bishop

209 Fair Oaks Ave., Suite 407
So.Pasadena, Calif. 91030 682-3674 Title Operator

(Address) (Telephone Number) (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

Date	
6/29/67	Spudded at 7:00 P.M. - Santa Fe Drilling, Contractors Drilled 600' Preparing to run IES Log
6/30/67	Ran IES Log - Opened 10-5/8" hole to 13-3/4" to 610' Ran 16 joints of 9-5/8" 32.20#, H-40, new, seamless casing- Shoe at 610' Rigging up and running 9-5/8" casing.
7/1/67	Placed 50 cu.ft. of water ahead of cement. Cemented with 208 sacks of Class G cement, treated with 4% gel and followed with 130 sacks of Class G cement, treated with 2% $CaCl_2$, displaced with 260 cu.ft. of mud. Bumped plug - valve held Good cement returns - landed casing - tested flange weld to 2500 psi. Installing BOPE.
7/2/67	Drilling - Installed BOPE - Tested pipe and BOPE to 1200 psi- Drilled out shoe with 8/3/4" bit.
7/3/67 thru 7/5/67	Drilling
7/6/67	Drilling - Make up Dyna drill - Orient Dyna drill.
7/7/67	Drilling - Ran Dyna drill at 3728' with sealed bearing bit.
7/8/67 thru 7/19/67	Drilling
7/20/67	Drilling - Ran IES Log and Dipmeter to T.D.
7/21/67 thru 7/22/67	Plug #1 - Hung pipe at 3550'. Displaced 50 sacks of Class G cement treated with 2% $CaCl_2$ with 255 cu.ft. of mud. Placed 40 cu.ft. of H_2O ahead. Found top of plug at 3480'. Plug #2 - Hung pipe at 1,000'. Displaced 75 sacks of Class G cement treated with 3% $CaCl_2$ with 55 cu.ft. of mud. Placed 40 cu.ft. of H_2O ahead. Found top of cement at 800'. Plub #3 - Hung pipe at 638'. Displaced 60 sacks of Class G cement treated with 3% $CaCl_2$. Found top at 520'. Removed BOPE - Placed to 25' plug. Welded steel plate on top. Rig

FORM 101
49128 9-61 10M ② BPO

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

LOG AND CORE RECORD OF OIL OR GAS WELL

Operator BRADFORD BISHOP Field ----

Well No. "Monterey Park" 1 Sec. 35, T. 1 S, R. 12 W, S.B. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO Top of Formation	DEPTH TO Bottom of Formation	Thickness	Drilled or Cored	Recovery	DESCRIPTION
0 ft.	196 ft.	196 ft.	drilled		Sand-gravel
196	610	414	"		Sand-gravel
610	645	35	"		Sand
645	3346	2701	"		Sand-shale
3346	4024	678	"		Sand
4024	5172	1148	"		Sand-shale
5172	5304	132	"		Sand
5304	5680	376	"		Sand-clay
5680	6123	443	"		Sand-shale
6123	6298	175	"		Sand-clay
6298	6578	280	"		Sand-shale
6578	6645	67	"		Shale
6645	7029	384	"		Sand-shale
7029	7194	165	"		Sand
7194	7856	662	"		Sand-shale
7856	7920	64	"		Siltstone

DIVISION OF OIL AND GAS
RECEIVED
AUG 8 1967
INGLEWOOD, CALIFORNIA

FORM 111

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS No. P 167-837

Mr. H. Tom Smith
209 Fair Oaks Ave, Suite 407 — Inglewood, Calif.
South Pasadena, California — August 2, 1967
Agent for BRADFORD BISHOP, OPERATOR

DEAR SIR:

Your proposal to abandon Well No. "Monterey Park" 1 (037-20192),
Section 35, T. 1 S, R. 12 W, S.B. B. & M., ---------- Field, Los Angeles County,
dated July 20, 1967, received July 31, 1967, has been examined in conjunction with records filed in this office.
Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES

"THE PRESENT CONDITION OF THE WELL IS:
1. Total Depth: 7920
2. Complete casing record, including plugs:
   30" of 16" conductor pipe cemented to surface
   610' of 9-5/8" casing cemented to surface
3. Last Produced never produced

ADDITIONAL DATA FOR DRY HOLE
4. Oil or Gas showings and results of tests: None
5. Stratigraphic markers and depths: None
6. Formation at bottom: Repetto
7. Base of fresh water sands: 3550 ft."

PROPOSAL
"THE PROPOSED WORK IS
Place cement plug at 3550'-3480'
Place cement plug at 640'-520'
Place 25' cement plug at top of surface casing"

DECISION
THE PROPOSAL, COVERING WORK ALREADY COMPLETED IN ACCORDANCE WITH PRIOR AGREEMENT, IS APPROVED.

VFG:nw

cc Dave Adkinson

Bond No. 1410890
Dated 6-22-67

7/26/67
Rotternel
Surface Insp. No evidence oil, gas or water seepage. Surface not graded over.

E. R. MURRAY-AARON, State Oil and Gas Supervisor

By ----------, Deputy

93/2W

75567-705 7-66 50M ① △ OSP

FORM 108. 96189 9-63 10M ② SPO

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JUL 31 1967
INGLEWOOD, CALIFORNIA

Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin; one copy only

South Pasadena, Calif. July 20, 1967

DIVISION OF OIL AND GAS

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon Well No. "Monterey Park" 1 (037-20192), Sec. 35, T. 1S, R. 12 W, S.B.B. & M., ------- Field, Los Angeles County, commencing work on July 21, 1967.

THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 7920

2. Complete casing record, including plugs:
50' of 16" conductor pipe cemented to surface
610' of 9-5/8" casing cemented to surface

3. Last Produced never produced
(Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

ADDITIONAL DATA FOR DRY HOLE

4. Oil or Gas showings and results of tests:
None

5. Stratigraphic markers and depths:
None

6. Formation at bottom: Repetto
7. Base of fresh water sands: 3550 ft.

THE PROPOSED WORK IS

Place cement plug at 3550'-3480'
Place cement plug at 640'-520'
Place 25' cement plug at top of surface casing

MAP	MAP BOOK	CARDS	BOND	FORMS 114	FORMS 121
		AB	#1410890 6-22-67	AB	AB

209 Fair Oaks Ave., Suite 407
South Pasadena, Calif. 91030
(Address)

682-3674
(Telephone No.)

BRADFORD BISHOP, OPERATOR
(Name of Operator)

By Bradford Bishop

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 109-D

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 167-663

Mr. Bradford Bishop
209 Fair Oaks Ave., Suite 407
South Pasadena, California 91030

Inglewood,
July 26, 1967 Calif.

~~Agent~~ for BRADFORD BISHOP, OPERATOR

DEAR SIR: (037-20192)

Operations at well No. "Monterey Park" 1 Sec. 35, T. 1 S, R. 12 W, S.B. B & M.
Field, in Los Angeles County, were witnessed
on July 21, 1967. Mr. L. Axtell, Engineer, representative of the supervisor was present
from 4:30 p.m. to 5:15 p.m. There were also present D. Shepard, Drilling Foreman

Present condition of well: 16" cem. 50'; 9-5/8" cem. 610'. TD 7920', plugged w/cem. 3550'-3480' & 640'-520'.
1000'-800' - See history

The operations were performed for the purpose of witnessing the plugging operations in the process of abandonment.

Mr. reported:

MR. R. ROTHERMEL, ENGINEER, WAS PRESENT AT THE WELL FROM 5:45 A.M. TO 6:45 A.M. ON JULY 21, 1967 AND MR. SHEPARD REPORTED:

1. An 8-3/4" hole was drilled from 610' to 7920'.
2. On July 21, 1967, 50 sacks of cement was pumped into the hole through 4-1/2" drill pipe hanging at 3550'.

THE ENGINEER NOTED THAT the cement plug at the reported depth of 3480' supported 1/2 of the weight of the drill pipe.

MR. L. AXTELL, ENGINEER, WAS PRESENT AT THE WELL FROM 4:30 P.M. TO 5:15 P.M. ON JULY 21, 1967 AND MR. SHEPARD REPORTED THAT on July 21, 1967, 60 sacks of cement was pumped into the hole through 4-1/2" drill pipe hanging at 640'.
THE ENGINEER NOTED THAT the cement plug at the reported depth of 520' supported 1/4 of the weight of the drill pipe.

THE PLUGGING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

LA:nw

cc Company
Prod. Dept.

E. R. MURRAY-AARON
State Oil and Gas Supervisor

By _____ Deputy

90947-705 3-67 15M ⓖ OSP

FORM 109-D

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 167-591

Mr. Bradford Bishop
209 Fair Oaks Ave., Suite 407
South Pasadena, California 91030

Inglewood, Calif.
July 7, 1967

~~Engineer~~ for BRADFORD BISHOP, OPERATOR

DEAR SIR: (037-20192)

Operations at well No. "Monterey Park" 1, Sec. 35, T. 1 S, R. 12 W, S.B. B & M. ---------- Field, in Los Angeles County, were witnessed on July 3, 1967. Mr. L. Axtell, Engineer, representative of the supervisor was present from 2:30 p.m. to 3:00 p.m. There were also present V. Stinnett, Drilling Foreman

Present condition of well: 16" cem. 50'; 9-5/8" cem. 610'. TD 2610'± Drilling

The operations were performed for the purpose of inspecting the blowout prevention equipment and installation.

Mr. ---------- reported:

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

LA:mw

cc Company

E. R. MURRAY-AARON
State Oil and Gas Supervisor

By ---------- Deputy

AG/NW

90947-705 3-67 15M ⓢ OSP

Form 109-D (BOPE Memo)

B. O. P. E. MEMO No. T_____

Company BRADFORD BISHOP, OPERATOR Date 7/5 19 67

Operations at well No. "MONTEREY PARK" 1 (037-20192) Sec. 35 T. 1S R. 12W SB B&M.
Field L.A. County, were witnessed

on 7/3/67. Mr. L. AXTELL, representative of the supervisor was

present from 2:30 PM to 3:00 PM. There was also present V. STINNETT, DF

Present condition of well: 16" CEM 50'; 9 5/8" CEM 610', TD 2610' ± DRLG

Operations were performed for purpose of inspecting BOP equipment and installation.

Mr. STINNETT reported:

1. On JULY 1 1967, 9 5/8", 32 lb. casing was cemented in a 13 3/4" hole at 610' with 338 sacks/~~cu.ft.~~ of cement.
2. Cement returned/~~did not return~~ to the surface.
__. An additional _____ sacks/cu.ft. of cement was placed around the _____" casing from the surface.
3. The BLIND RAMS, the PIPE RAMS, and the BAG were each tested with a closed-in pressure of 1200 psi for 15 minutes, _____ psi for ____ minutes, and _____ psi for ____ minutes, respectively.
4. A 8 3/4" hole was being drilled ahead at 2610'±.

THE ENGINEER NOTED that the well was equipped with the following BOP equipment:

1. A SHAFFER manually and hydraulically operated double control gate for closing in the well with the drill pipe/~~tubing~~ out of the hole, and for closing around the 4 1/2" drill pipe/~~tubing~~.
2. A HYDRIL blow-out preventer for closing in the well with the drill pipe/~~tubing~~ out of the hole, and for closing around the 4 1/2" drill pipe/~~tubing~~.
__. A _____ manually and hydraulically operated control gate for closing in the well with the drill pipe/tubing out of the hole.
__. A _____ manually and hydraulically operated control gate for closing around the _____" drill pipe/tubing.
__. A _____ blow-out preventer for closing around the _____" drill pipe/tubing.
3. The controls for the above equipment were located outside the derrick and on the derrick floor.
4. A 2" mud fill-up line with a 2" high-pressure stopcock into the 9 5/8" casing below the above equipment.
5. A high-pressure STOPCOCK on the kelly/~~goose neck~~/~~stand pipe~~.
__. Remarks _____

THE BLOW-OUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

FORM 111

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS No. P 167-709

Mr. Bradford Bishop
209 Fair Oaks Ave., Suite 407
South Pasadena, California 91030
Agent for BRADFORD BISHOP, OPERATOR

121

Inglewood, Calif.
July 5, 1967

DEAR SIR:

Your proposal to dr111 Well No. "Monterey Park" 1 (037-20192),
Section 35, T. 1 S., R. 12 W., S.B. B. & M., -------- Field, Los Angeles County,
dated June 27, 1967, received June 28, 1967, has been examined in conjunction with records filed in this office.
Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES

"Legal description of mineral-right lease, consisting of 100 acres, is as follows:
Portions of Sections 34 and 35, T1S, R12W, as shown on Plat attached hereto
Do mineral and surface leases coincide? Yes X No_____
Location of Well: 2150 feet North along west line of Sec. 35, 435 feet at right angles to said line from the southwest corner of section 35, T1S, T12W.
Elevation of ground above sea level 343 feet_____datum.
All depth measurements taken from top of KB which is 12 feet above ground."

PROPOSAL

"PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade and Type	Top	Bottom	Cementing Depths
9-5/8	32.30	H-40	0	600	600 to surface
	15.50	J-55			
5-1/2	17.00	J-55	0	8000	-

Intended zone of completion: Miocene Estimated total depth 8000 ft.
It is understood that if changes in this plan become necessary we are to notify you immediately."

DECISION

THE PROPOSAL IS APPROVED PROVIDED:

1. Fluid consistent with good drilling practice shall be used, and the column of fluid maintained at all times to the surface, particularly while pulling the drill pipe.
2. Adequate blowout prevention equipment shall be installed and maintained in operating condition at all times.
3. THIS DIVISION SHALL BE NOTIFIED:
   a. To inspect the installed blowout prevention equipment before drilling below 1500'.
   b. To witness a test of the effectiveness of the 5-1/2" water shut-off above any zone to be produced.

VFG:mw

cc Company

Bond No. 1410890
Dated 6-22-67

W/S

E. R. MURRAY-AARON, State Oil and Gas Supervisor

By ----------, Deputy

18755-705 3-64 50M ①T OSP

FORM 105

STATE OF CALIFORNIA
THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

DIVISION OF OIL AND GAS
RECEIVED
JUN 28 1967
INGLEWOOD, CALIFORNIA

037-20192

E

South Pasadena, Calif. June 27, 1967

DIVISION OF OIL AND GAS "Monterey Park" 1

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence drilling well No. "Monterey Park" 10 (037-20192), Sec. 35, T. 1 S, R. 12 W, S.B. B. & M., (North) (Montebello) Field, Los Angeles County.

Legal description of mineral-right lease, consisting of 100 acres, is as follows: Portions of Sections 34 and 35, T1S, R12W, as shown on Plat attached hereto
(Attach map or plat to scale)

Do mineral and surface leases coincide? Yes X No ____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 2150 feet North (Direction) along ~~property~~ line and 435 (E) feet West (Direction) line of Sec. 35, ~~property~~ line,

at right angles to said line from the southwest ~~property~~ corner of section 35, T1S, T12W.

Elevation of ground above sea level 343 feet datum.

All depth measurements taken from top of KB (Derrick Floor, Rotary Table or Kelly Bushing) which is 12 feet above ground.

PROPOSED CASING PROGRAM

SIZE OF CASING INCHES A.P.I.	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS
9-5/8	32.30	H-40	0	600	600 to surface
5-1/2	15.50 ~~17.00~~	J-55 ~~J-55~~	0	8000	-

Intended zone(s) of completion: Miocene (Name) Estimated total depth 8000 ft. (Depth, top and bottom)

Bope Cardmach

MAP	MAP BOOK	CARDS	BOND	FORMS 114	FORMS 121
102 W1-3 RJ	6-29	ag	#1410890 6-22-67	ag	ag

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 209 Fair Oaks Ave., Suite 407
South Pasadena, Calif. 91030

Telephone Number 682-3674

BRADFORD BISHOP, OPERATOR
(Name of Operator)

By Bradford Bishop

Type of Organization Individual
(Corporation, Partnership, Individual, etc.)

85224 12-61 20M △ SPO

WELL NUMBER: MONTEREY PARK 1

27 | 26

34 | 35

LA LOMA PARK

435'

DRILL SITE LOCATION

2150'

EDISON R.W.

POTRERO GRANDE DR.

T. 1 S.

T. 2 S.

R. 12 W.

MONTEREY PARK

SCALE 1" = 600'

BRADFORD BISHOP

WELL NUMBER: MONTEREY PARK 1

27

26

34

35

EDISON R.W.

LA LOMA

PARK

435'

DRILL SITE LOCATION

2150'

POTRERO GRANDE DR.

T. 1 S.

T. 2 S.

R. 12 W.

MONTEREY PARK

SCALE 1" = 600'

BRADFORD BISHOP

June 18, 2007

Ms. Trish Bars
GE COMMERCIAL FINANCE – BUSINESS PROPERTY CORPORATION
10900 NE 4th Street, Suite 500
Bellevue, WA 98004

Bureau Veritas Project No. 33107-007245.00

Subject: *Phase I Environmental Site Assessment for Bank of the West located at 1977 Saturn Street, Monterey Park, California*

Dear Ms. Bars:

Enclosed is one copy of the report entitled *"Phase I Environmental Site Assessment for Bank of the West, 1977 Saturn Street, Monterey Park, California."* An electronic copy has been uploaded to Due Diligence.

If you have any questions or concerns, please contact Mary Lun at 714.431.4100 or me at 925.426.2625.

Sincerely,

Trevor A. Donaghu, REA
Manager, National Accounts
National Programs

TAD/ml

Enclosures

Phase I Environmental Site Assessment

Bank of the West
1977 Saturn Street
Monterey Park, California

June 18, 2007
33107-007245.00

Prepared for
GE Commercial Finance
Business Property Corporation
10900 NE 4th Street
Suite 500
Bellevue, Washington 98004

BUREAU VERITAS

For the benefit of business and people

Bureau Veritas North America, Inc.
National Programs Group
6920 Koll Center Parkway, Suite 216
Pleasanton, California 94566
925.426.2600
www.us.bureauveritas.com

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A List of Sources / References
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EXECUTIVE SUMMARY

Ms. Trish Bars, GE Commercial Finance – Business Property Corporation, retained Bureau Veritas North America, Inc. (Bureau Veritas) to conduct a Phase I Environmental Site Assessment of Bank of the West located at 1977 Saturn Street, Monterey Park, Los Angeles County, California (the "subject property"). One of the objectives of the assessment was to provide an independent, professional opinion regarding *recognized environmental conditions*, as defined by ASTM, associated with the subject property. GE Commercial Finance requested this assessment in association with an acquisition.

This assessment was performed in accordance with GE Commercial Finance – Business Property Corporation *Scope of Work Guidelines for Environmental Due Diligence*. The scope of services provided by Bureau Veritas was authorized by electronic mail, dated May 10, 2007, and conducted under the conditions of Bureau Veritas' Preferred Provider Agreement for Phase I and Phase II Environmental Assessment Services with GE Capital Corporation, dated October 4, 1996. Details of the work performed, sources of information, and findings are presented in the report. Limitations of the assessment are described in Sections 1.2 and 1.3.

The subject property is a four-story 205,628-square foot office building with associated asphalt-paved parking located on approximately 15.83 acres of land in a commercial setting. The subject property building is currently used as a bank data service center with a cafeteria and kitchen on the fourth floor (serviced by Sodexho Management, Inc.). The building at the subject property was constructed during 1980. According to Ms. Mossman, Bank of the West has occupied the building since construction; however, due to several acquisitions, the bank has been listed under several business names. Ms. Mossman added that the building was Lloyd's Bank from 1980-1986, Sanwa Bank from 1986-2001 and United California Bank for approximately nine months. The planned short term use for the subject property is continued operation as a bank data service center.

The subject property was undeveloped from at least 1901 until at least 1980, when it was developed with the current irregular-shaped main building on the southern portion of the property. Building department records indicate the utility building north of the main building was constructed in 1990. The 1994 aerial photograph depicted the subject property with the main and utility buildings built in their current configurations. Adjoining properties remained unimproved land until 1956 when aerial photographs depicted the north adjoining property developed with a water tank on the eastern portion of the property and a second water tank was erected in its current configuration in the 2002 aerial photograph.

EXECUTIVE SUMMARY
(Continued)

Commercial development of the west adjoining property commenced at least 1981 and the south in at least 1989. The east adjoining property remained undeveloped but is currently partially used as a nursery.

This assessment has revealed no evidence of *recognized environmental conditions* in connection with the property, except for the following:

- The subject property has three USTs (two 10,000-gallon and one 2,000-gallon diesel tanks). The two 10,000-gallon single-walled fiberglass tanks were installed in 1980. The 2,000-gallon steel double-walled fiberglass coating tank was installed in 1991. Old piping was removed in September 2006 and replaced with double-walled piping. At the time of piping removal, soil samples were collected beneath the piping and low concentrations of diesel (12 and 15 mg/kg) were detected. No further investigation was recommended. A Veeder Root Monitoring system is used to detect and log leaks in the tanks and pipes. In addition, monthly visual UST tank inspections are conducted. The 2,000-gallon UST and double-walled product lines last passed the Secondary Containment Testing conducted in October 2006. The 10,000-gallon tanks were last tightness tested in February 1997 (passed).

  Based on their age, the USTs at the subject property are considered to be a recognized environmental condition. Soil sampling in the vicinity of the USTs is recommended.

The following environmental condition, which is not considered to be a *recognized environmental condition*, was revealed during this assessment:

- On October 24, 1989, Diagnostic Engineering, Inc. (DEI) conducted a survey for ACM at the subject property. The survey consisted of a visual inspection of accessible areas, construction material sampling and air monitoring. Construction materials sampled that contained asbestos were the pipe run insulation (east roof hot water heater room), floor tile mastic (print shop) and roofing mastic (roof). An Operations and Maintenance Program is in place for the subject property.

1.0 INTRODUCTION

Ms. Trish Bars, GE Commercial Finance – Business Property Corporation, retained Bureau Veritas North American, Inc. (Bureau Veritas) to conduct a Phase I Environmental Site Assessment of Bank of the West located at 1977 Saturn Street in Monterey Park, Los Angeles County, California (the "subject property"). One of the objectives of the assessment was to provide an independent, professional opinion regarding *recognized environmental conditions*, as defined by ASTM, associated with the subject property. GE Commercial Finance requested this assessment in association with an acquisition.

1.1 PURPOSE

Good commercial and customary practice for conducting environmental site assessments has the goal of providing an independent, professional opinion regarding *recognized environmental conditions*, as defined by ASTM, associated with the subject property. The term *recognized environmental conditions* (RECs) is defined as the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not RECs.

1.2 METHODOLOGY

This assessment was performed in accordance with GE Commercial Finance – Business Property Corporation *Scope of Work Guidelines for Environmental Due Diligence*. The scope of services provided by Bureau Veritas was authorized by electronic mail, dated May 10, 2007, and conducted under the conditions of Bureau Veritas' Preferred Provider Agreement for Phase I and Phase II Environmental Assessment Services with GE Capital Corporation, dated October 4, 1996. Any exceptions to these guidelines, and/or limitations of the assessment, are described in Section 1.3.

The assessment included the following components:

- A site walkthrough inspection of the property for visual evidence of potential environmental concerns including existing or potential soil and groundwater contamination, as evidenced by soil or pavement staining or discoloration, stressed vegetation; indications of waste dumping or burial, pits, ponds, or lagoons; containers of hazardous substances or petroleum products; electrical and hydraulic equipment that may contain polychlorinated biphenyls (PCBs), such as electrical transformers and hydraulic hoists; and underground and aboveground storage tanks.

- An investigation of historical use of the site by examining commercially available (EDR) aerial photographs, fire insurance maps, city directories, and/or historical topographic maps for evidence of prior land use that could have led to recognized environmental conditions.

- A review of commercially available (EDR) information on general geology and topography of the subject property, local groundwater conditions, and proximity to ecologically sensitive receptors, such as streams, that might be impacted by recognized environmental conditions and environmental issues.

- A site property line visual assessment of adjacent properties for evidence of potential offsite environmental conditions that may affect the subject property.

- A review of a commercial database summary of federal and state regulatory agency records (EDR) pertinent to the subject property and offsite facilities located within ASTM-specified search distances from the subject property.

- Evaluation of information gathered and development of this report

This assessment did not include sampling or analysis of soil, groundwater or other materials.

Ms. Mary Lun, Staff Environmental Consultant, from Bureau Veritas' Los Angeles Regional Office, conducted the site walkthrough portion of the assessment on May 17, 2007, accompanied by Ms. Trinidad Mossman, Bank of the West Property Manager, and Mr. Joe Rebelo, Bank of the West Chief Engineer. Ms. Mossman has been with Bank of the West for 26 years and has been associated with the subject property for 4 months. Mr. Rebelo has been associated with the subject property for 22 years. Photographs taken at the time of the assessment are included behind the *Photographs* Tab.

1.3 EXCEPTIONS AND LIMITING CONDITIONS OF ASSESSMENT

Information for the assessment was obtained from sources listed in Appendix A. This information, to the extent it was relied on to form our opinion, is assumed to be correct and complete. Bureau Veritas is not responsible for the quality or content of information from these sources.

Access was not provided to the following area of the subject property:

- Server room on the fourth level

No opinion regarding environmental conditions in areas that were not inspected can be formed. Lack of access to server room on the fourth level did not prevent an evaluation of the subject property with respect to recognized environmental conditions.

In accordance with GE Commercial Finance – Business Property Corporation *Scope of Work Guidelines for Environmental Due Diligence*, professional qualifications of staff working on this assessment have not been included in this report. Inclusion of professional qualifications is a requirement of ASTM E 1527-00.

The information and opinions rendered in this report are exclusively for use by GE Commercial Finance – Business Property Corporation. Bureau Veritas will not distribute or publish this report without consent except as required by law or court order. The information and opinions expressed in this report are given in response to a limited assignment and should be considered and implemented only in light of that assignment.

The information and opinions rendered in this report may also be used by Bank of the West, to the extent that Bureau Veritas' sole liability for any and all claims, damages, causes of actions, costs or fees shall not exceed $50,000 and shall arise only from Bureau Veritas' gross negligence. No other third party may rely on the report and is not afforded the status of a third party beneficiary unless expressly agreed to in writing by Bureau Veritas.

2.0 ENVIRONMENTAL ASSESSMENT FINDINGS

Property Name:	Bank of the West
Site Address:	1977 Saturn Street, Monterey Park, California
Owner:	Bank of the West

2.1 CURRENT SITE INFORMATION

Property Type:	Office building
Date of Site Inspection:	May 17, 2007
Property Size:	15.83 acres
Number and Size of Buildings Onsite:	One four-story building with 205,628 square feet of interior floor space
Construction Date:	1980
Current Site Usage:	The site is currently used as a bank data service center with a cafeteria on the fourth floor and associated asphalt-paved parking to the west, north and east.
Tenants:	Bank of the West and Sodexho Management, Inc. (cafeteria)
Areas Inspected:	Bureau Veritas inspected conference/workstation and office areas, computer/server rooms, restrooms, warehouse, electrical room, elevator room, kitchen, cafeteria, boiler room, chiller units, roof and dock area. Additionally, Bureau Veritas inspected the areas surrounding the building such as the utility room, electrical/gas bunker and the UST locations.

2.2 PRIOR USE INFORMATION

Summary of Prior Uses/Dates

According to aerial photographs, historical topographic maps, city directories and building department records, the subject property was undeveloped from at least 1901 until at least 1980, when it was developed with the current irregular-shaped main building on the southern portion of the property. Building department records indicate the utility building north of the main buildings was constructed in 1990. The 1994 aerial photograph depicted the subject property with the main and utility buildings built in their current configurations. Adjoining properties remained unimproved land until 1956 when aerial photographs depicted the north adjoining property developed with a water tank on the eastern portion of the property and a second water tank was erected in its current configuration in the 2002 aerial photograph. Commercial development of the west adjoining property commenced at least 1981 and the south in at least 1989. The east adjoining property remained undeveloped but is currently partially used as a nursery.

City Directory Review

City Directories were requested from EDR. A summary of the listings for the subject and adjoining properties is shown below.

Year	Subject Property	Adjoining Properties
1920-1956	Address Not Listed	Address Not Listed
1957	Address Not Listed	South Orange Avenue McConnell J O (1950)
1958	Address Not Listed	Address Not Listed
1960	Address Not Listed	South Orange Avenue Kadlub Rudolph (1925) Varnier Roland D (1950)
1961	Address Not Listed	Address Not Listed
1962	Address Not Listed	Saturn Street LAABS Clayton (2001)

Year	Subject Property	Adjoining Properties
1963-1965	Address Not Listed	Address Not Listed
1966	Address Not Listed	South Orange Avenue Kadlub Rudolph (1925) Nagel Richard W (1950)
1967-1972	Address Not Listed	Address Not Listed
1975	Address Not Listed	South Orange Avenue Pederson Thorvald C (1925))
1976	Address Not Listed	Address Not Listed
1980	Address Not Listed	Saturn Street Unitized Component Technology (2019)
1981	Address Not Listed	South Orange Avenue Lee Spenser (1950)
1985	Address Not Listed	South Orange Avenue Unitized Component Technology(2019)
1986-1991	Address Not Listed	Address Not Listed
1995	Address Not Listed	Saturn Street Mitsumi Electronics Corp (2019) Mitsumori Jas K (2019) Mitsumori John (2019) Mitsumori T (2019) South Orange Avenue Alvarez Alfredo (1925)
1996-2004	Address Not Listed	Address Not Listed
2006	Address Not Listed	Saturn Street BankOneUBOC (1980) Primary (1980) Construction Inc (2001) MDL (2001) South Orange Avenue Lee Spenser (1950)

Aerial Photograph Review

Historical aerial photographs were provided for the period between 1928 and 2002. Photographs reviewed are summarized as follows:

Date	Scale	Comments
1928	500’	The subject and adjoining properties appeared to be unimproved land.
1938	555’	No apparent changes were observed from the 1928 aerial photograph.
1949	500’	No apparent changes were observed from the 1928 and 1938 aerial photographs.
1956	400’	The subject and east, west and south adjoining properties appeared unchanged from the 1928, 1938 and 1949 aerial photographs. The north adjoining property was observed developed with what appeared to be a water tank.
1968	480’	No apparent changes were observed from the 1956 aerial photograph; except the north adjoining property was observed developed with what appeared to be another water tank west of the water tank observed in the 1956 aerial photograph.
1976	666’	The subject, east and west adjoining properties appeared unchanged from the 1956 aerial photograph. The west water tank was no longer observed on the north adjoining property. The south adjoining property was observed with a partially developed Saturn Street, beyond which was undeveloped land.
1989	666’	The subject property was observed developed in its current configuration with a structure on the southern portion of the property with parking to the west, north and east. The north adjoining property appeared unchanged from the 1976 aerial photograph. The south and west adjoining properties were observed developed with buildings in their current configurations. The east adjoining property was observed developed with Orange Avenue, beyond which was unimproved land.
1994	666’	The subject property was observed developed with the utility building located north of the subject property building. The adjoining properties appeared unchanged from the 1989 aerial photograph.

Date	Scale	Comments
2002	666’	The subject, east, west and south adjoining properties appeared unchanged from the 1994 aerial photograph. The north adjoining property was observed developed in its current configuration with two water tanks.

Historical Topographic Map Review

Historical topographic maps were provided for the period between 1901 and 1994. The maps depicted the following:

Date	Series/Scale	Quadrangle	Comments
1901	60-min 1:250,000	Pasadena	Due to the small scale of the map, no observations can be made regarding the subject and adjoining properties.
1913	15-min 1:62,500	Pasadena	The subject and adjoining properties appeared to be unimproved land.
1915	15-min 1:62,500	Los Angeles	No apparent changes were observed from the 1913 topographic map.
1926	7.5-min 1:24,000	El Monte	No apparent changes were observed from the 1913 and 1915 topographic maps.
1953	7.5-min 1:24,000	Los Angeles and Vicinity East 2 of 4	No apparent changes were observed from the 1913, 1915 and 1926 topographic maps.
1966	7.5-min 1:24,000	El Monte	The subject, east and west adjoining properties were observed to be unimproved with an intermittent stream running through the properties. The north adjoining property was observed developed with a water tank. The south adjoining property appeared unchanged from the 1913, 1915, 1926 and 1953 topographic maps.
1972	7.5-min	El Monte	The subject, north, east and west adjoining properties appeared unchanged from the 1966

Date	Series/Scale	Quadrangle	Comments
	1:24,000		topographic maps. The south adjoining property was observed with a partially developed Saturn Street, beyond which was undeveloped land.
1981	7.5-min 1:24,000	El Monte	The subject, north, east and south adjoining properties appeared unchanged from the 1972 topographic map. The west adjoining property appeared developed with a rectangular-shaped structure in its current configuration. The intermittent stream was no longer observed running through the subject, east and west adjoining properties.
1994	7.5-min 1:24,000	El Monte	No apparent changes were observed from the 1981 topographic map.

Fire Insurance Map Review

Sanborn Fire Insurance Maps were requested from EDR. Fire insurance maps were not available according to EDR.

2.3 CITY/COUNTY FILE REVIEW/INTERVIEWS WITH LOCAL GOVERNMENT OFFICIALS

Agency: **City of Monterey Park Building & Planning Department**

Permits/Comments:

Date	Permits (Notes)
08/05/81	Building permit issued to Lloyd's Bank.
07/07/82	Building permit issued to Lloyd's Bank for loading dock renovations.
08/02/83	Electrical permit issued to Lloyd's Bank.
10/17/84	Building permit issued to Lloyd's Bank for adding interior partitions.
07/28/86	Electrical permit issued to Lloyd's Bank.
12/08/86	Electrical permit issued to Sanwa Bank.

Date	Permits (Notes)
11/18/87	Building permit issued to Sanwa Bank for 1,500-gallon grease interceptor.
02/18/88	Building plan check for industrial waste interceptor, photographic equipment and supplies.
12/20/90	Building plan check for 4,000-square foot one-story utility building.
03/24/94	Building permit issued to Sanwa Bank for tenant improvement.
12/03/95	Building and mechanical permits issued to Sanwa Bank.
04/19/99	Electrical permit issued to Sanwa Bank for electrical fixtures.
11/30/99	Certificate of Occupancy issued to Sanwa Bank for Sodexho Marriott Services for 1,683-square foot cafeteria/kitchen.
10/15/01	Mechanical permit issued to Sanwa Bank.
04/19/02	Certificate of Occupancy issued to Sanwa Bank for Sodexho Management, Inc. for 1,683-square foot cafeteria/kitchen.
11/07/03	Permit to re-roof with 1,000 squares of PVC.
06/09/05	Plumbing permit issued to Sanwa Bank.
08/10/06	Electrical permit issued to Sanwa Bank.

Agency: **Department of Health Services Public Health Investigation**

Permits/Comments: Records were requested from the Department of Health Services Public Health Investigation (DHSPHI) on May 11, 2007. On June 12, 2007, the DHSPHI responded that there are records on file for the subject property.

Date	Permits (Notes)
04/2003	Unified Program (UP) Contingency Plan
11/04/03	Annual Certification for Hazardous Materials

Date	Permits (Notes)
02/28/07	County of Los Angeles Fire Department Inspection Report Hazardous Materials – four cylinders (approximately 500 pounds) of Halon 1301, two 10,000-gallon and one 2,000-gallon tanks of diesel fuel, eleven 5-gallon containers of sodium hydroxide, one 55-gallon container of waste oil, 10,500 pounds of sulfuric acid and two 8-gallon cylinders of propane gas. Notices of Violations – no labeling on used oil container, no copy of waste manifest for used oil, inaccurate hazardous material inventory disclosure and expired consolidated permit.
03/30/07	Bank of the West submitted corrections of violations.

Agency: **Department of Toxic Substances Control**

Permits/Comments: Records were requested from the Department of Toxic Substances Control (DTSC) Glendale office on May 11, 2007. On May 25, 2007, The DTSC responded that there are no records on for the subject property.

Agency: **Los Angeles County Sanitation District**

Permits/Comments: Records were requested from the Los Angeles County Sanitation District (LACSD) on May 11, 2007. On May 14, 2007, the LACSD responded that there are no records for the subject property.

Agency: **Los Angeles Regional Water Quality Control Board**

Permits/Comments: Records were requested from the Los Angeles Regional Quality Control Board (LARWQCB) on May 11, 2007. On May 22, 2007, the LARWQCB responded that there are no records for the subject property.

Agency: **South Coast Air Quality Management District**

Permits/Comments: Bureau Veritas accessed the South Coast Air Quality Management District (SCAQMC) Facility Information Detail (FIND) website on May 11, 2007 to determine if there are records for the property. The FIND website indicated that there are no records for the subject property.

Agency: **Los Angeles County Fire Department**

Permits/Comments: Records were requested from the Los Angeles County Fire Department (LACFD) on May 11, 2007. On May 15, 2007, the LACFD responded that that the City of Monterey Park Fire Department would maintain records for the city.

Agency: **City of Monterey Park Fire Department**

Permits/Comments:

Date	Permits (Notes)
11/18/87	Building permit for 1,500-gallon grease interceptor.
08/18/88	Industrial Waste Disposal permit for 1,500-gallon grease interceptor.
01/01/91	Los Angeles County Department of Public Works (LACDPW) Hazardous Material UST report-monitoring system indicated leakage and needed re-certification of monitoring system.
08/22/91	Sanwa Bank letter to fire department regarding initial repair of damaged fuel line (damaged to single-walled copper fuel line for west UST).
04/15/94	Notice of Violation- provide and maintain (illuminated) exit signs and exit lighting.
09/18/96	After Action Report- response to hazardous incident of possible chlorine release. First engine arrived at 0947 hours and scene was secured at 1400 hours.
12/02/98	Closure of floor sink (film processing).
12/07/98	Industrial Wastewater Discharge permit.
03/23/03 05/16/03	Inspection records for alarm system.
12/08/04	Bank of the West- cleanup and pump grease trap.

Date	Permits (Notes)
05/10/05	Notice of Change- Sanwa Bank merged with Tokai Bank and became United California Bank; United California Bank merged with Bank of the West and became Bank of the West. Need to update business license and Certificate of Occupancy. Annual Inspection Notice for Sodexho- violation: need to strap and secure heat producing appliances (one 85-gallon and one 80-gallon gas water heaters were installed without permit sign off).
04/03/06	Annual Inspection Notice for Sodexho- violation and correction: service tags for automatic fire alarm system.
04/27/06	Annual Inspection Notice for Sodexho- violation corrected and closed.

Agency: **Los Angeles County Department of Public Works**

Permits/Comments:

Date	Permits (Notes)
02/17/88	Application for Industrial Waste Disposal Permit- wastewater producing operations include photo processing, two cooling towers and chiller bleed off/discharge.
08/18/88	Industrial Waste Disposal permit for 1,500-gallon grease interceptor.
03/24/93	Inspection- facility required to submit copies of manifests for silver recovery.
06/17/93	Letter from Sanwa Bank to LACDPW regarding moving forward to install trench and sump pump.
10/14/98	Notice of Non-Compliance- failure to submit Industrial Waste permit for closure of floor sink and required permit application fee.
10/15/98	Letter from Sanwa Bank to LACDPW that room is no longer being used for film processing; however, drain is still in use for condensation from air conditioning unit above computer room.
12/01/98	Certificates for USTs- one 2,000-gallon diesel and two 10,000-gallon diesel tanks.

Date	Permits (Notes)
12/07/98	LACDPW letter to City of Monterey Park Fire Marshal regarding closure authorization of Industrial Wastewater Discharge Permit for floor sink.
06/28/01	Annual Inspection- waste inspection fee paid by United California Bank.
11/2006	Report for UST Piping Removal & Replacement Activities (see Section 2.4 for more information).

2.4 PREVIOUS REPORTS

During this assessment, Bureau Veritas reviewed the following previous report:

Report for UST Piping Removal and Replacement Activities for Project Located at Bank of the West, 1977 Saturn Street, Monterey Park, California 91755, Prepared by Petcon Technologies, Inc., November 2006

Bank of the West contracted Petcon to remove and replace underground storage tank piping at the subject property as well as to conduct soil sampling in areas near the USTs. Two 10,000-gallon diesel USTs are located adjacent to the northwest of the office building and one 2,000-gallon diesel UST is located adjacent to the west of the utility building. Petcon conducted the activities on September 19, 2006. Soil was excavated to expose the tanks and piping. Product and rinseate were removed from the site and transported to an offsite facility in Compton, California for treatment and disposal. Liquid waste (oily mixture only) was also transported offsite. The UST piping that was removed from the site was transported to a destruction and recycling facility in Santa Fe Springs, California and was replaced with new double-walled piping. A total of 13 soil samples were collected 2 feet beneath the UST piping at 20-foot intervals and at elbows and joints. Diesel was detected in only two samples (P-1-1 at 15 mg/kg and P-2-2 at 12 mg/kg). Volatile organic compounds, methanol and ethanol were not detected in any of the samples. Unsuitable soil for backfill was removed from the site and the remaining excavated soil was placed back and compacted. No further action was recommended for the subject property due to the lack of significant release of fluids from the tank piping.

During the site inspection, Bureau Veritas observed the locations of the USTs as well as the cut out in the asphalt-pavement where the UST piping was removed and replaced.

2.5 GENERAL OBSERVATIONS

At the time of the walkthrough, the areas associated with the subject property appeared to be in good condition. The subject property is a four-story 205,628-square foot office building with associated asphalt-paved parking located on approximately 15.83 acres of land in a commercial setting. The subject property building is currently used as a bank data service center with a cafeteria and kitchen (serviced by Sodexho Management, Inc.). The cafeteria and kitchen occupy approximately 1,683-square feet of interior floor space on the fourth level. The building at the subject property was constructed during 1980. Exterior building materials consisted of cement and glass. Interior building materials consisted of suspended acoustical ceiling panels, carpet, ceramic tile and drywall. Floors in the computer/server rooms on the second and fourth level were raised. Restrooms are located on all four levels of the building. One hydraulic elevator was observed in the central portion of the building. The warehouse, located on the northwestern portion of the subject property building, contains miscellaneous office furniture and supplies, janitorial supplies, the chief engineer's office and an area surrounded by a chain-linked fence enclosing twelve 49-pound containers of water treatment chemicals on a secondary containment unit for the cooling towers, multiple cans of water-based latex paint and four 1-gallon containers of compressor oil. A 4,000-square foot utility building was observed northeast of the building in the parking area. The utility building is divided into two rooms. The west room of the utility building contains three generators with a 55-gallon drum of emergency diesel located on a secondary containment unit. The east room of the utility building is the Uninterrupted Power System (UPS) room which contains multiple rows of batteries. Piles of wood pallets and old carpet were observed on the northwest corner of the parking lot.

2.6 INTERVIEWS

At the time of the site inspection, Ms. Trinidad Mossman, Bank of the West Property Manager, and Mr. Joe Rebelo, Bank of the West Chief Engineer, provided information regarding the subject property. Ms. Mossman has been with Bank of the West for 26 years and has been associated with the subject property for 4 months.

Ms. Mossman stated that Bank of the West has occupied the building since construction; however, due to several acquisitions, the bank has been listed under several business names. Ms. Mossman added that the building was Lloyd's Bank from 1980-1986, Sanwa Bank from 1986-2001 and United California Bank for approximately nine months. According to Ms. Mossman, the subject property was formerly owned by Mc Caslin Properties and was vacant land. Ms. Mossman was unaware of any environmental concerns or liens associated with the subject property.

Mr. Rebelo has been associated with the subject property for 22 years. According to Mr. Rebelo, the site currently has three diesel USTs for the generators in the utility building. The two single-walled fiberglass 10,000-gallon tanks were installed in 1980 and the double-walled steel 2,000-gallon tank was installed in 1991. Documentation provided by Mr. Rebelo indicated that the two 10,000-gallon tanks were last tightness tested in 1997. According to results of the test, the tank systems on the subject property passed.

Mr. Rebelo stated that interior renovations in the property have been continuous since construction of the building. The carpet and ceiling panels have been replaced throughout the years and the roof was replaced in 2003. Fireproofing was observed on the warehouse ceiling. Mr. Rebelo stated that the fireproofing material is cementitious. Mr. Rebelo added that photo processing of microfiche films was formerly conducted onsite approximately 15 years ago. Chemicals used in the process were filtered and stored in drums that were picked twice a week. The remaining water flowed into the floor sink. When photo processing ceased, the room became office space and the floor sink was used for condensation from the air conditioning unit from the above room. Fire Department records indicate that the floor sink was closed in December 1998. Mr. Rebelo added that there are a total of 17 dry transformers located throughout the building. Mr. Rebelo was unaware of any environmental concerns or liens associated with the subject property.

2.7 CURRENT SITE CONDITIONS

Stained Soil	**Yes**		**No**	**XX**
Distressed Vegetation	**Yes**		**No**	**XX**

Chemical/Hazardous Materials Storage **Yes** **XX** **No** _____

Comments (types, amount, location): A 55-gallon drum of emergency diesel is stored on a secondary containment unit in the generator utility room. Twelve 49-pound containers of water treatment chemicals stored on secondary containment units, four 1-gallon containers of compressor oil and multiple cans of water-based latex paint were all observed in a chain-linked enclosed area in the warehouse. Janitorial supplies were also observed stored in the warehouse. Batteries are stored in the UPS within the utility building. Photo processing chemicals were used onsite approximately 15 years ago. No evidence of spills was observed.

Sumps/Pits/Floor Drains **Yes** **XX** **No** _____

Comments (types, amount, location): Several floor drains were observed in the kitchen. The floor drains are connected to the 1,500-gallon grease interceptor located on the southern portion of the property south of the building. The grease interceptor is permitted with Los Angeles County and is pumped approximately twice a year by MC Nottingham, Inc. A floor sink was formerly present onsite when the facility was photo processing microfiche films. Chemicals used in the process were filtered and stored in drums that were picked twice a week. The remaining water flowed into the floor sink. When photo processing ceased, the room became office space and the floor sink was used for condensation from the air conditioning unit from the above room. Fire Department records indicate that the floor sink was closed in December 1998.

Leachfields/Septic Tank **Yes** _____ **No** **XX**

Comments (location, condition): The subject property has been connected to the municipal sewer since 1980.

Source of Fuel for Heating: Gas boiler.

Wells Yes ____ No XX

Waste Handling and Disposal:

Comments (types, amount, location): Hazardous and non-hazardous wastes are generated onsite. Hazardous waste consist of 25 gallons of compressor oil (permitted with Los Angeles County; permit #AR0024091; renewed every two years) which is stored on a secondary containment unit. Non-hazardous waste is in the form of general refuse (e.g., paper, household trash and cardboard). Athens Trash Service hauls the solid waste twice a month.

Potential PCB-Containing Equipment Yes XX No ____

Type	Ownership	Condition / Comments
Two concrete pad-mounted transformer	Southern California Edison owned	The transformers are located in the approximately 8-foot high concrete electrical/gas bunker on the southern portion of the property. The transformers are in good condition and no staining was observed.
Elevator equipment	Facility owned	The hydraulic elevator and equipment room are located in central portion of the building. The elevator is serviced monthly by AMTEC. Concrete flooring with no stains were observed.

Aboveground Storage Tanks (ASTs) Yes ____ No XX

Underground Storage Tanks (USTs) Yes XX No ____

Age	Contents	Volume	Comments (construction, location, condition)

Age	Contents	Volume	Comments (construction, location, condition)
1980	Diesel	10,000 gallons	Constructed of single-walled fiberglass and located adjacent to the north of the main building on the western portion. No secondary containment system for tanks (only for piping). Equipped with Veeder Root Monitoring system. The tank was last tightness tested in February 1997.
1980	Diesel	10,000 gallons	Constructed of single-walled fiberglass and located adjacent to the north of the main building on the western portion. No secondary containment system for tanks (only for piping). Equipped with Veeder Root Monitoring system. The tank was last tightness tested in February 1997.
1991	Diesel	2,000 gallons	Constructed of double-walled steel and fiberglass coating with secondary containment and is located west of the utility building. Equipped with Veeder Root Monitoring system.

Physical Setting

Estimated Depth to Groundwater: Approximately 120 to 130 feet below ground surface (bgs). Groundwater wells located approximately 1.6 miles west and 1.8 miles northeast of subject property.

Gradient Direction: South/Southwest

Geology: The main soil type found on and around the subject property is urban land. This soil type typically consists of closely built-up areas in cities. Buildings, streets and sidewalks cover almost the entire surface. The soil has been so altered by urban works that identification is not feasible (EDR, 2007).

According to the United States Geological Survey (USGS), El Monte, California Quadrangle 7.5-Minute Topographic Map, elevations at and around the subject property range from 380 to 400 feet above mean sea level (amsl). The regional topographic slope direction is southerly and southwesterly.

Suspect Asbestos-Containing Materials

The subject property was inspected for the presence of suspect asbestos containing materials (ACM) such as ceiling and roofing materials, and presumed asbestos containing materials (PACM) as defined by OSHA (29 CFR 1926.1101) which includes thermal system insulation and surfacing material, if building construction was prior to 1981. Asphalt and vinyl flooring material installed no later than 1980 must also be considered asbestos-containing unless proven otherwise.

The inspection consisted of noting observable materials (i.e., materials that are readily accessible and visible without dismantling elements of the structure, such as carpet, wallboard, or ceiling panels) which may contain asbestos, or are, by definition, presumed asbestos containing. The inspection was not intended to disclose all possible sources of suspect ACM or PACM; rather, it was designed to assess the presence of suspect ACM and PACM in the most significant (because of the quantity present, condition, and/or ease of accessibility) sources observed at the property. Suspect ACM and PACM observed at the subject property includes the following:

Material	Condition	Quantity SF/LF	Amount Damaged & Comments	Friable	Location
Fireproofing	Good	Approximately 2,000 sq. ft.	None	Yes	Warehouse
Acoustic ceiling panels	Good	Approximately 200,000 sq. ft.	New panels	Yes	Throughout building
Wallboard and joint compound	Fair	Approximately 150,000 sq. ft.	1%	Yes	Throughout building
Carpet mastic	Not observed	Approximately 100,000 sq. ft	New carpeting	No	Offices, hallways, conference and work rooms.

On October 24, 1989, Diagnostic Engineering, Inc. (DEI) conducted a survey for ACM at the subject property. The survey consisted of visual inspection of accessible areas, construction material sampling and air monitoring. Construction materials sampled that contained asbestos were the pipe run insulation (east roof hot water heater room), floor tile mastic (print shop) and roofing mastic (roof). Asbestos-containing construction materials generally do not pose a health concern unless disturbed and inhaled.

Monitoring of airborne fiber levels were within the range normally found in outside air. An Operations and Maintenance Program was developed for the site.

Drinking Water

Source:	City of Monterey Park
Source meets standards for lead and other metals:	Yes (City of Monterey Park 2005 Year Water Quality Table)

Comments: The subject property has been connected to municipal water since 1980.

Radon

Radon Zone: 2 **Source:** EDR, 2007

Comments: Zone 2 has predicted average screening concentrations ranging from 2 or more picoCuries of radon per liter of air (pCi/L) to less than or equal to 4 pCi/L. The USEPA action level is 4.0 pCi/L.

Wetlands (Indicators Noted):	**Yes**		**No**	**XX**
Air Emission Sources:	**Yes**		**No**	**XX**

2.8 ADJACENT SITE LAND USES

North	Single-family homes City of Monterey Park Public Works-Water Division (water tanks) 1980 Clover Drive Chuy's Nursery 1996 Orange Street	**Comments**	No concerns were noted on the north adjoining properties.
East	Nursery/Undeveloped land	**Comments**	No concerns were noted on the east adjoining property.
South	Volk Center 1980 Saturn Street Undeveloped land (currently under construction)	**Comments**	No concerns were noted on the south adjoining properties.
West	One-story building 2001 Saturn Street	**Comments**	No concerns were noted on the west adjoining property.

2.9 REGULATORY SEARCH (ADJACENT OR UPGRADIENT SITES WITHIN ¼ MILE OF SUBJECT PROPERTY)

The subject property was identified in the databases reviewed. The property was listed under the UST, RCRA-SQG, HAZNET, LACHMS, SWEEPS UST, ERNS, EMI and FINDS databases. The property was listed because it has three USTs onsite (two 10,000-gallon and one 2,000-gallon diesel tanks), formerly had photochemicals/photoprocessing waste, in 1990 had 19 tons of carbon monoxide emission and waste consisting of aged, surplus organics, inorganic solid waste, oil and mixed oil. No environmental cleanup liens appear to be on record against the subject property, based on the review of information available from the EDR report.

The database review identified a total of 30 sites within the specified search distances from the subject property. A complete listing of these sites is included in Appendix B. None of the sites present no environmental concern to the subject property because they only hold an operating permit (which does not imply a release), require no further action, or based upon Bureau Veritas' review, are too distant

and/or topographically downgradient or crossgradient relative to the subject property to reasonably affect it.

The computer database review identified the following facilities within ¼ mile from the subject property.

Facility	Database	Orientation from Subject Site (miles)	Environmental Concern/Reason
Union Bank Operations Center 1980 Saturn Street	SWEEPS UST, UST, LACHMS	South adjoining property	No, the site is located downgradient from the subject property.
Ross Name Plate Company 2 Red Plum Circle	RCRA-SQG, FINDS, CA FID UST, SWEEPS UST	1/8 mile southwest	No, the site is located downgradient from the subject property.
Alpha Photonics 2019 Saturn Street	FINDS, HAZNET, RCRA-LQQ	1/8 mile southwest	No, the site is located downgradient from the subject property.
SCE-Montebello Service Center/Operating Industries, Inc./ Monterey Park District Office 1000 Potrero Grande Drive	UST, ODI, CA FID UST, SWEEPS UST, HIST UST, LUST, CORTESE	1/8 mile southeast	No, the site is located downgradient from the subject property.
Resurrection Cemetery 966 Potrero Grande Drive	HIST UST	1/8 mile southwest	No, the site is located downgradient from the subject property.

Facility	Database	Orientation from Subject Site (miles)	Environmental Concern/Reason
Operating INDS, Inc./Getty Synthetic Fuels, Inc. 2550 Greenwood Avenue/ 900 Potrero Grande Drive	CERCLIS, FINDS, NPL, RCRA-LQG, RCRA-TSDF, RAATS, CORRACTS, CONSENT, ROD, USEC, USIC,SWF/LF, WMUDS/SWAT, CA BEP, HAZNET, ENVIROSTAR, HIST CAL SITES	1/8-¼ mile south	No, the site is located downgradient from the subject property.

3.0 FINDINGS, OPINIONS, CONCLUSIONS, AND RECOMMENDATIONS

We have performed a Phase I Environmental Site Assessment in conformance with GE Commercial Finance – Business Property Corporation *Scope of Work Guidelines for Environmental Due Diligence* and ASTM 1527-00 of Bank of the West located at 1977 Saturn Street, Monterey Park, California, the subject property. Any exceptions to or deletions from this practice are described in Section 1.3.

This assessment has revealed no evidence of *recognized environmental conditions* in connection with the property, except for the following:

- The subject property has three USTs (two 10,000-gallon and one 2,000-gallon diesel tanks). The two 10,000-gallon single-walled fiberglass tanks were installed in 1980. The 2,000-gallon steel double-walled fiberglass coating tank was installed in 1991. Old piping was removed in September 2006 and replaced with double-walled piping. At the time of piping removal, soil samples were collected beneath the piping and low concentrations of diesel (12 and 15 mg/kg) were detected. No further investigation was recommended. A Veeder Root Monitoring system is used to detect and log leaks in the tanks and pipes. In addition, monthly visual UST tank inspections are conducted. The 2,000-gallon UST and double-walled product lines last passed the Secondary Containment Testing conducted in October 2006. The 10,000-gallon tanks were last tightness tested in February 1997 (passed).

Based on their age, the USTs at the subject property are considered to be a recognized environmental condition. Soil sampling in the vicinity of the USTs is recommended.

The following environmental condition, which is not considered to be a *recognized environmental condition*, was revealed during this assessment:

- On October 24, 1989, Diagnostic Engineering, Inc. (DEI) conducted a survey for ACM at the subject property. The survey consisted of a visual inspection of accessible areas, construction material sampling and air monitoring. Construction materials sampled that contained asbestos were the pipe run insulation (east roof hot water heater room), floor tile mastic (print shop) and roofing mastic (roof). An Operations and Maintenance Program is in place for the subject property.

This report prepared by:

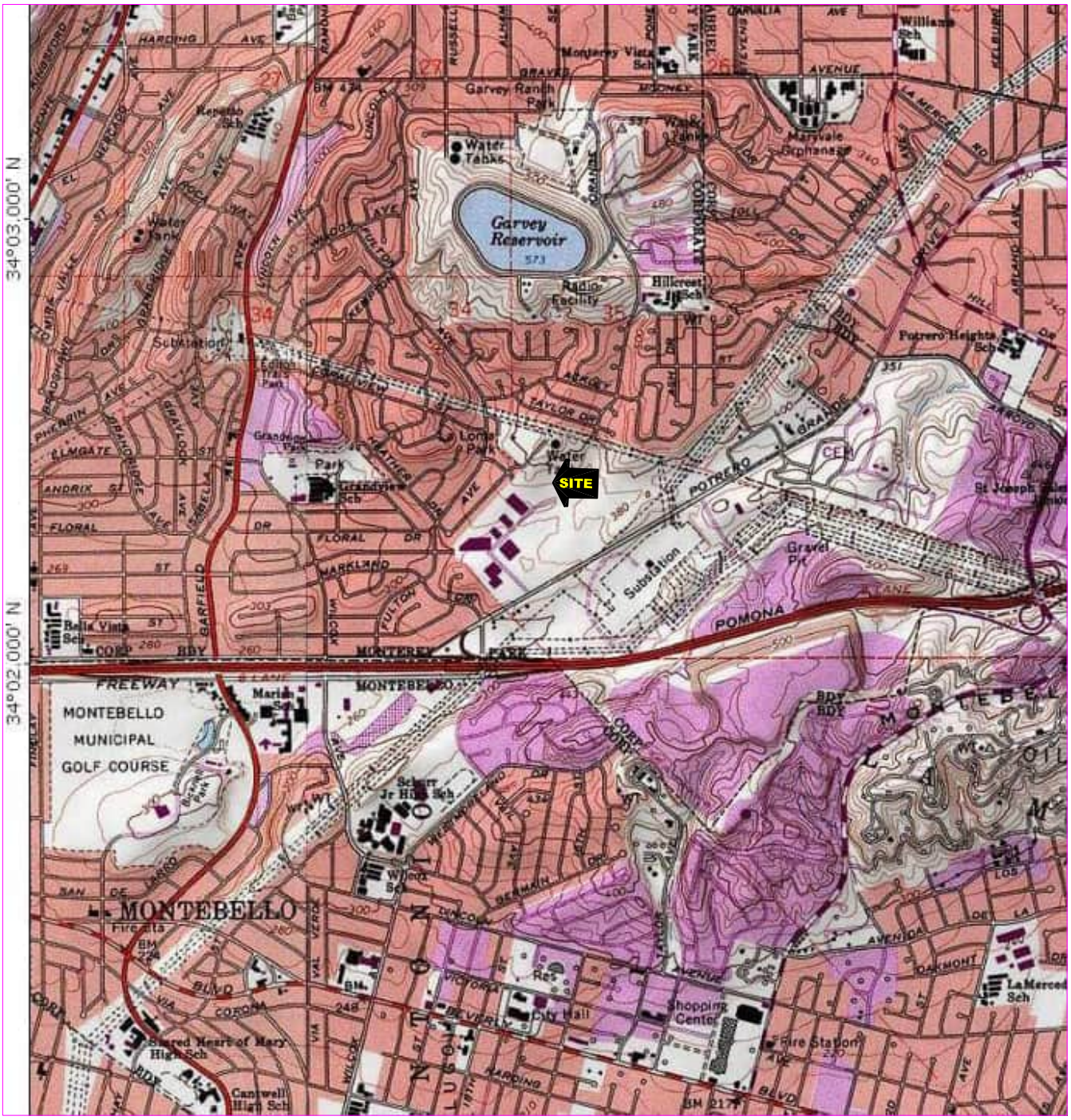
Mary Lun
Staff Environmental Consultant
Environmental Services
Los Angeles Regional Office

This report reviewed by:

Trevor A. Donaghu, REA
Manager, National Accounts
National Programs

June 18, 2007
Project Number 33107-007245.00.001

FIGURES



SCALE 1: 24,000

1 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

NORTH

Portion of 7.5–minute Series (Topographic) Map
United States Department of the Interior
Geological Survey
El Monte, California Quadrangle 1991 Photorevised 1994

CAL

QUADRANGLE LOCATION

Bureau Veritas North America, Inc.
Health, Safety and Environmental Services
1565 MacArthur Boulevard
Costa Mesa, CA 92626

Main: (714) 431-4100
Fax: (714) 825-0685
www.us.bureauveritas.com

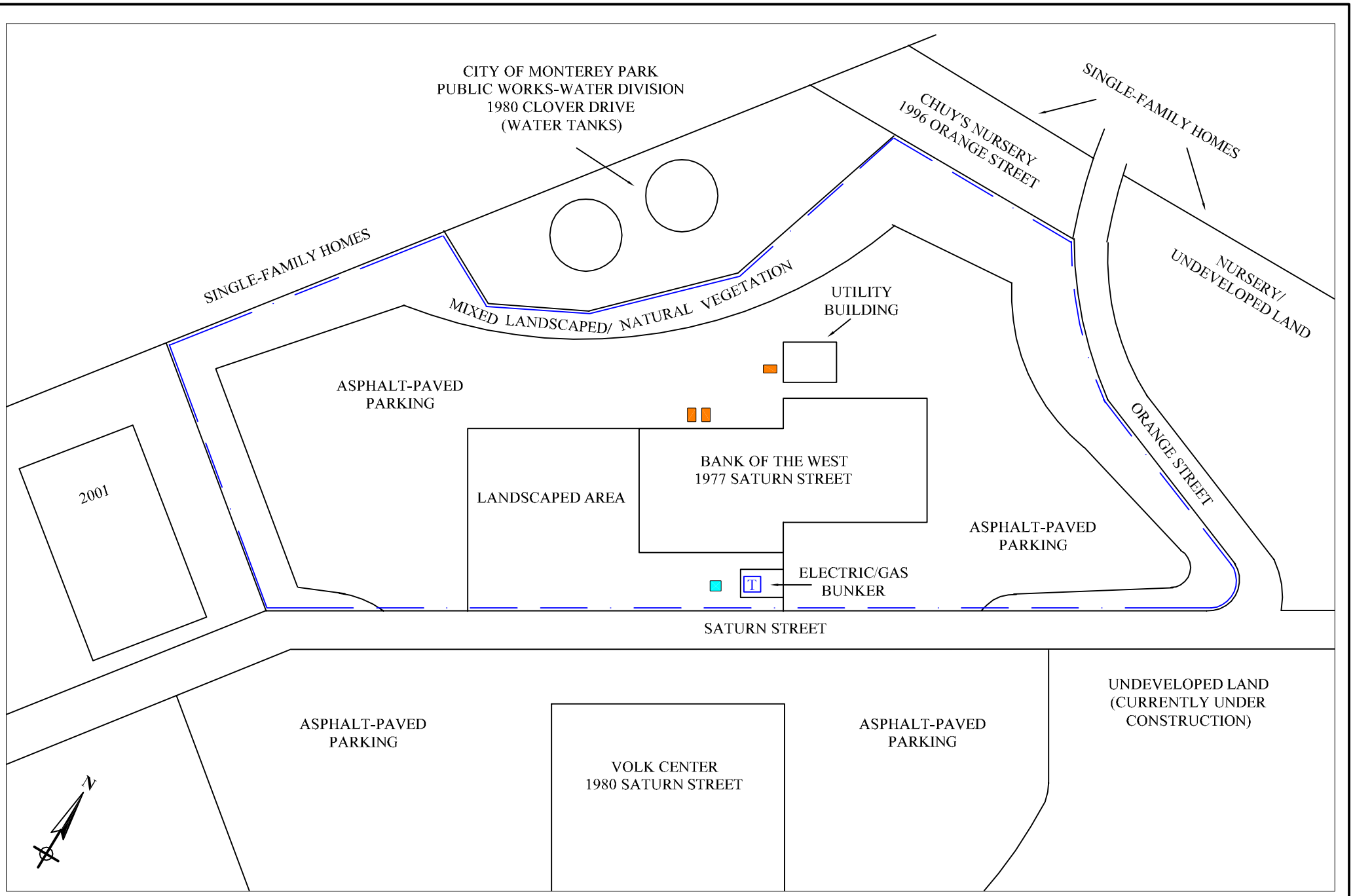
DATE:	05/07
DRAWN BY:	ML
CHECKED BY:	SG
PROJECT NO.:	25006–006193.00
CAD NO:	25006–006193–00–1

SITE VICINITY MAP

GE COMMERCIAL FINANCE
BANK OF THE WEST
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA

FIGURE

1



TOPOGRAPHIC SLOPE
SOUTH/SOUTHWEST

LEGEND	SUBJECT PROPERTY	FIGURE
UNDERGROUND STORAGE TANKS GREASE INTERCEPTOR T CONCRETE PAD-MOUNTED TRANSFORMER SUBJECT PROPERTY BORDER	GE COMMERCIAL FINANCE RE: BANK OF THE WEST 1977 SATURN STREET MONTEREY PARK, CALIFORNIA Bureau Veritas Project No. 33107-007245.00.001	2

BUREAU VERITAS

PHOTOGRAPHS

CLIENT:	GE Commercial Finance- Bank of the West	**PROJECT No.:**	33107-007245.00.001
LOCATION:	1977 Saturn Street, Monterey Park, California	**DATE:**	May 17, 2007



1

View of southern portion of subject property building, Bank of the West, facing north.



2

View of western portion of subject property building and landscaped area facing east.



3

View of northern portion of the subject property building facing east.



4

View of western portion of subject property building facing southwest.



5

View of typical office/conference rooms on first floor.



6

View of typical cubicle/work space on first floor.



7

View of elevator room on the first floor.



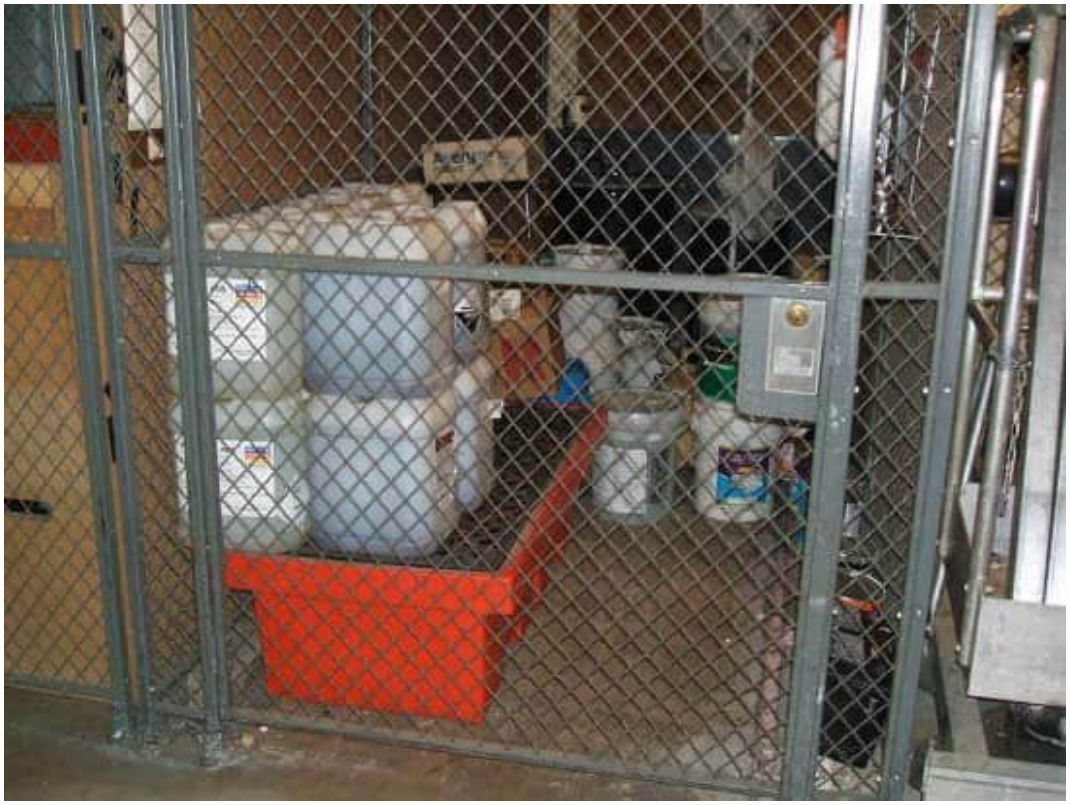
8

View of dry transformers located in electrical room on first floor.



9

General view of warehouse on the northwestern portion of the building.



10

View of stored chemicals in the eastern portion of the warehouse.



11

View of janitorial supplies located in the western portion of the warehouse.



12

View of office/work areas on the second floor.



13

View of the kitchen of the second floor.



14

View of a floor drain in kitchen.



15

View of boiler room adjacent to kitchen.



16

Chiller unit located on roof.



17

View of utility room and 2,000-gallon UST located north of the subject property building.



18

Diesel-fueled generators in utility room.



19

Emergency 55-gallon drum of diesel fuel located on secondary containment unit.



20

Batteries located in Uninterrupted Power System room within the utility room.



21

View of electric/gas bunker on the southern portion of the property.



22

View of concrete pad-mounted transformer located on western side of the electric/gas bunker.



23

View of gas source located on the eastern side of the electric/gas bunker.



24

View of the two 10,000-gallon UST location north of the subject property building.



25

View of cut-out in asphalt-pavement during fuel piping removal and replacement.



26

View of grease interceptor on the southern portion of the subject property.



27

View of wood pallets and old carpet located on the northwestern corner of the parking lot.



28

View of north adjoining property, water tanks, facing north.



29

View of east adjoining property facing north.



30

View of south adjoining property, Volk Center, facing southwest.



31

View of southeast adjoining property under construction facing southeast.



32

View of west adjoining property facing northeast.

APPENDIX A

LIST OF SOURCES/REFERENCES

LIST OF SOURCES/REFERENCES

CONTACTS:

Name	Agency Phone/Fax Number/Website	Date	Information Requested	Comments
Ms. Trinidad Mossman Bank of the West	213.972.0545	05/17/07	Site information	Provided site information
Mr. Joe Rebelo Bank of the West	323.727.3636	05/17/07	Site information	Provided site information
Department of Health Services Public Health Investigation	323.728.0217	05/11/07	Records	Records reviewed.
Department of Toxic Substances Control	818.551.2841	05/11/07	Records	No records on file.
Los Angeles County Sanitation District	562.908.4224	05/11/07	Records	No records on file.
Los Angeles Regional Water Quality Control Board	213.576.6717	05/11/07	Records	No records on file.
South Coast Air Quality Management District	www.aqmd.gov	05/11/07	Records	No records on file.
Los Angeles County Fire Department	323.890.9783	05/11/07	Records	No records on file.
City of Monterey Park Building Department	626.307.1458	05/17/07	Records	Building permits on file reviewed.
City of Monterey Park Fire Department	626.307.1381	05/17/07	Records	Fire department records on file reviewed.
Los Angeles County Department of Public Works	626.458.3569	05/17/07	Records	Records reviewed.

LIST OF SOURCES/REFERENCES
(Continued)

REFERENCES:

Name of publication:	Report for UST Piping Removal and Replacement Activities
Author of publication:	Petcon Technologies, Inc.
Date of publication	November 2006
Page number(s):	N/A
Information obtained:	UST piping removal and replacement activities and soil sampling
Name of publication:	El Monte, California, 7.5 Minute Series
Author of publication:	United States Geological Survey (USGS)
Date of publication:	1991 Photorevised 1994
Page number(s):	N/A
Information obtained:	Physical/topographic features of site
Name of publication:	Environmental Record Search for the subject property
Author of publication:	EDR Environmental Data Recourses Inc.
Date of publication:	May 2007
Page number(s):	N/A
Information obtained:	Regulatory database records, fire insurance maps, aerial photographs, topographic maps , city directory, geology

APPENDIX B

EDR DATABASE REPORT



The EDR Radius Map
with GeoCheck®

GE Commercial Finance- Bank of the West
1977 Saturn Street
Monterey Park, CA 91755

Inquiry Number: 1926306.2s

May 11, 2007

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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Overview Map	2
Detail Map	3
Map Findings Summary	4
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Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-8
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Physical Setting Source Records Searched	A-37

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1977 SATURN STREET
MONTEREY PARK, CA 91755

COORDINATES

Latitude (North):	34.040000 - 34° 2' 24.0''
Longitude (West):	118.112700 - 118° 6' 45.7''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	397288.0
UTM Y (Meters):	3766954.8
Elevation:	377 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	34118-A1 EL MONTE, CA
Most Recent Revision:	1994
West Map:	34118-A2 LOS ANGELES, CA
Most Recent Revision:	1994

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 6 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
SANWA BANK 1977 SATURN ST MONTEREY PARK, CA 91755	UST	N/A
SANWA BANK CALIFORNIA 1977 SATURN ST MONTEREY PARK, CA 91754	RCRA-SQG HAZNET LOS ANGELES CO. HMS SWEEPS UST	CAD982463895
1977 SATURN ST. 1977 SATURN ST. MONTEREY, CA 91754	ERNS	N/A
SANWA BANK 1977 SATURN STREET MONTEREY PARK, CA 91754	EMI	N/A
UNITED CA BANK 1977 SATURN ST MONTEREY PARK, CA 91754	FINDS HAZNET	110018947773

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL LIENS	Federal Superfund Liens
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
HMIRS	Hazardous Materials Information Reporting System
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
UMTRA	Uranium Mill Tailings Sites
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
RADINFO	Radiation Information Database
US CDL	Clandestine Drug Labs
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
ICIS	Integrated Compliance Information System
LUCIS	Land Use Control Information System
DOT OPS	Incident and Accident Data
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

SCH	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
CA WDS	Waste Discharge System
SWRCY	Recycler Database
SLIC	Statewide SLIC Cases
AOCONCERN	San Gabriel Valley Areas of Concern
AST	Aboveground Petroleum Storage Tank Facilities
CHMIRS	California Hazardous Material Incident Report System
Notify 65	Proposition 65 Records
LA Co. Site Mitigation	Site Mitigation List
DEED	Deed Restriction Listing
VCP	Voluntary Cleanup Program Properties
CLEANERS	Cleaner Facilities
WIP	Well Investigation Program Case List
CDL	Clandestine Drug Labs
RESPONSE	State Response Sites

EXECUTIVE SUMMARY

TRIBAL RECORDS

INDIAN RESERV ---------- Indian Reservations
INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land
INDIAN UST ---------- Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants --- EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations EDR Proprietary Historic Gas Stations
EDR Historical Cleaners ----- EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL RECORDS

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 01/25/2007 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
OPERATING INDS INC	***2550 GREENWOOD AVE***	***1/4 - 1/2 SE***	***0***	***12***

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 02/27/2007 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
OPERATING INDS INC	***2550 GREENWOOD AVE***	***1/4 - 1/2 SE***	***0***	***12***

EXECUTIVE SUMMARY

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/14/2007 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
OPERATING INDS INC	***2550 GREENWOOD AVE***	***1/4 - 1/2 SE***	***0***	***12***

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-TSDF list, as provided by EDR, and dated 06/13/2006 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
OPERATING INDS INC	***2550 GREENWOOD AVE***	***1/4 - 1/2 SE***	***0***	***12***

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-LQG list, as provided by EDR, and dated 06/13/2006 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
ALPHA PHOTONICS	***2019 SATURN ST***	***1/8 - 1/4 WSW***	***B10***	***40***

EXECUTIVE SUMMARY

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store , treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
ROSS NAME PLATE COMPANY	*2 RED PLUM CIRCLE*	*1/8 - 1/4 WSW*	*B8*	*37*
GETTY SYNTHETIC FUELS INC	*900 POTRERO GRANDE*	*1/8 - 1/4 SSW*	*C12*	*42*

ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 01/24/2007 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
OPERATING INDS INC	*2550 GREENWOOD AVE*	*1/4 - 1/2 SE*	*0*	*12*

INST CONTROLS: A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

A review of the US INST CONTROL list, as provided by EDR, and dated 01/24/2007 has revealed that there is 1 US INST CONTROL site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
OPERATING INDS INC	*2550 GREENWOOD AVE*	*1/4 - 1/2 SE*	*0*	*12*

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 08/23/2006 has revealed that there is 1 CONSENT site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
OPERATING INDS INC	*2550 GREENWOOD AVE*	*1/4 - 1/2 SE*	*0*	*12*

EXECUTIVE SUMMARY

RODS: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 03/27/2007 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
OPERATING INDS INC	***2550 GREENWOOD AVE***	***1/4 - 1/2 SE***	***0***	***12***

ODI: An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

A review of the ODI list, as provided by EDR, and dated 06/30/1985 has revealed that there is 1 ODI site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
OPERATING INDUSTRIES, INC.	1000 POTRERO GRANDE DRI	1/8 - 1/4 SSW	C13	43

STATE AND LOCAL RECORDS

HIST CAL-SITES: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites site within approximately 1 mile of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
OPERATING INDUSTRIES LANDFILL	***900 POTRERO GRANDE DR***	***1/4 - 1/2 SSW***	***D20***	***52***

BEP: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
OPERATING INDUSTRIES, INC.	***900 POTRERO GRANDE DRIV***	***1/4 - 1/2 SSW***	***D18***	***48***

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, and dated 03/12/2007 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
OPERATING INDUSTRIES, INC	900 POTRERO GRANDE DRIV	1/8 - 1/4 SE	9	39

EXECUTIVE SUMMARY

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there is 1 WMUDS/SWAT site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
OPERATING INDUSTRIES, INC.	*900 POTRERO GRANDE DRIV*	*1/4 - 1/2 SSW*	*D18*	*48*

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, and dated 04/01/2001 has revealed that there are 2 Cortese sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
MONTEBELLO SERVICE CENTER	*1000 POTRERO GRANDE DR*	*1/8 - 1/4 SSW*	*C16*	*45*
OPERATING INDUSTRIES, INC	*900 POTRERO GRANDE*	*1/4 - 1/2 SSW*	*D19*	*50*

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 04/10/2007 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
MONTEBELLO SERVICE CENTER Facility Status: Case Closed	*1000 POTRERO GRANDE DR*	*1/8 - 1/4 SSW*	*C16*	*45*
SCE - MESA SUBSTATION Facility Status: Case Closed	*700 POTRERO GRANDE DR*	*1/4 - 1/2 SW*	*21*	*57*

CA FID: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 2 CA FID UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
ROSS NAME PLATE COMPANY	*2 RED PLUM CIRCLE*	*1/8 - 1/4 WSW*	*B8*	*37*
SOUTHERN CALIFORNIA EDISON	*1000 POTRERO GRANDE DR*	*1/8 - 1/4 SSW*	*C14*	*43*

EXECUTIVE SUMMARY

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 04/10/2007 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
UNION BANK OPERATIONS CENTER	***1980 SATURN ST***	***0 - 1/8 E***	***A7***	***37***
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
SCE - MONTEBELLO SERVICE CNTR	1000 POTRERO GRANDE DR	1/8 - 1/4 ESE	11	42

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
MONTEREY PARK DISTRICT OFF/SC	1000 POTRERO GRANDE DR	1/8 - 1/4 SSW	C15	44
RESURRECTION CEMETERY	966 POTRERO GRANDE DR	1/8 - 1/4 SSW	17	48

SWEEPS: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 3 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
UNION BANK OPERATIONS CENTER	1980 SATURN ST	0 - 1/8 E	A6	36
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
ROSS NAME PLATE COMPANY	***2 RED PLUM CIRCLE***	***1/8 - 1/4 WSW***	***B8***	***37***
SOUTHERN CALIFORNIA EDISON	***1000 POTRERO GRANDE DR***	***1/8 - 1/4 SSW***	***C14***	***43***

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 02/27/2007 has revealed that there is

EXECUTIVE SUMMARY

1 ENVIROSTOR site within approximately 1 mile of the target property.

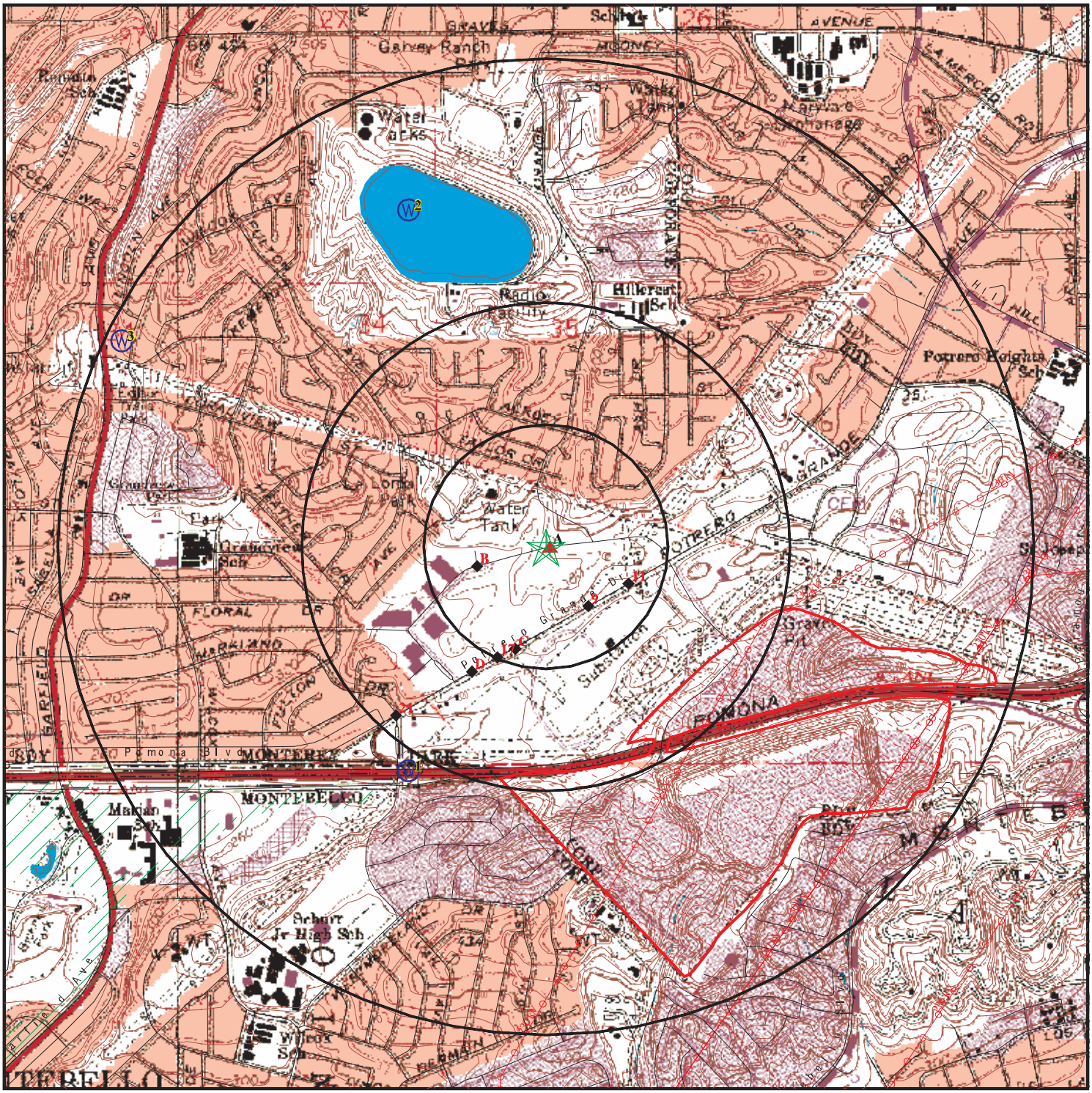
Lower Elevation	Address	Dist / Dir	Map ID	Page
OPERATING INDUSTRIES LANDFILL	***900 POTRERO GRANDE DR***	***1/4 - 1/2 SSW***	***D20***	***52***
Facility Status: Active				

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
ATHENS DISPOSAL	SWEEPS UST
1X MCKESSON DRUG CO	HAZNET, LUST, CHMIRS

OVERVIEW MAP - 1926306.2s



0 1/4 1/2 1 Miles

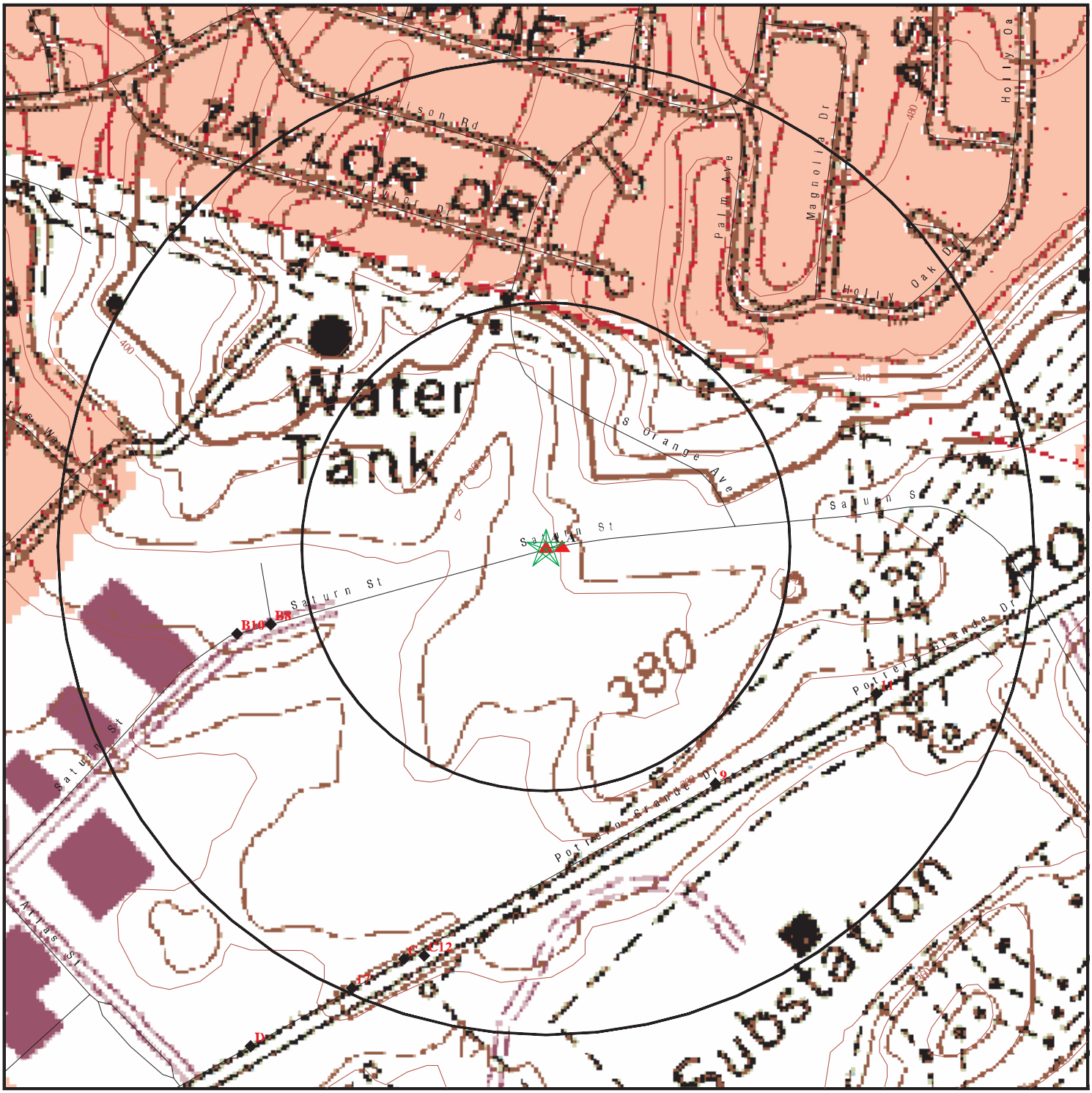
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	GE Commercial Finance- Bank of the West	CLIENT:	Bureau Veritas North America,
ADDRESS:	1977 Saturn Street Monterey Park CA 91755	CONTACT:	Mary Lun
LAT/LONG:	34.0400 / 118.1127	INQUIRY #:	1926306.2s
		DATE:	May 11, 2007 6:24 pm

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DETAIL MAP - 1926306.2s



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: GE Commercial Finance- Bank of the West ADDRESS: 1977 Saturn Street Monterey Park CA 91755 LAT/LONG: 34.0400 / 118.1127	CLIENT: Bureau Veritas North America, CONTACT: Mary Lun INQUIRY #: 1926306.2s DATE: May 11, 2007 6:24 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL		1.000	0	0	1	0	NR	1
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	1	NR	NR	1
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	1	0	NR	1
RCRA TSD		0.500	0	0	1	NR	NR	1
RCRA Lg. Quan. Gen.		0.250	0	1	NR	NR	NR	1
RCRA Sm. Quan. Gen.	X	0.250	0	2	NR	NR	NR	2
ERNS	X	TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	1	NR	NR	1
US INST CONTROL		0.500	0	0	1	NR	NR	1
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	1	0	NR	1
ROD		1.000	0	0	1	0	NR	1
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	1	0	NR	NR	1
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
STATE AND LOCAL RECORDS								
Hist Cal-Sites		1.000	0	0	1	0	NR	1
CA Bond Exp. Plan		1.000	0	0	1	0	NR	1
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	1	0	NR	NR	1
CA WDS		TP	NR	NR	NR	NR	NR	0
WMUDS/SWAT		0.500	0	0	1	NR	NR	1
Cortese		0.500	0	1	1	NR	NR	2
SWRCY		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUST		0.500	0	1	1	NR	NR	2
CA FID UST		0.250	0	2	NR	NR	NR	2
SLIC		0.500	0	0	0	NR	NR	0
AOCONCERN		1.000	0	0	0	0	NR	0
UST	X	0.250	1	1	NR	NR	NR	2
HIST UST		0.250	0	2	NR	NR	NR	2
AST		0.250	0	0	NR	NR	NR	0
SWEEPS UST	X	0.250	1	2	NR	NR	NR	3
CHMIRS		TP	NR	NR	NR	NR	NR	0
Notify 65		1.000	0	0	0	0	NR	0
LA Co. Site Mitigation		TP	NR	NR	NR	NR	NR	0
DEED		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
Los Angeles Co. HMS	X	TP	NR	NR	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
RESPONSE		1.000	0	0	0	0	NR	0
HAZNET	X	TP	NR	NR	NR	NR	NR	0
EMI	X	TP	NR	NR	NR	NR	NR	0
ENVIROSTOR		1.000	0	0	1	0	NR	1
TRIBAL RECORDS								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **SANWA BANK** **UST** **U004050601**
Target **1977 SATURN ST** **N/A**
Property **MONTEREY PARK, CA 91755**

Site 1 of 7 in cluster A

Actual:
378 ft.

UST:
Region: STATE
Local Agency: 19000
Facility ID: 7311

A2 **SANWA BANK CALIFORNIA** **RCRA-SQG** **1000434980**
Target **1977 SATURN ST** **HAZNET** **CAD982463895**
Property **MONTEREY PARK, CA 91754** **LOS ANGELES CO. HMS**
SWEEPS UST

Site 2 of 7 in cluster A

Actual:
378 ft.

RCRAInfo:
Owner: SANWA BANK CALIFORNIA
(415) 555-1212
EPA ID: CAD982463895

Contact: ENVIRONMENTAL MANAGER
(213) 727-3264

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

HAZNET:
Gepaid: CAD982463895
Contact: SANWA BANK OF CALIFORNIA
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Los Angeles
TSD EPA ID: CAT000613976
TSD County: Orange
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Not reported
Tons: .0000
Facility County: Los Angeles

Gepaid: CAD982463895
Contact: SANWA BANK OF CALIFORNIA
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Los Angeles
TSD EPA ID: CAT000613976
TSD County: Orange
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Tons: 1.0007
Facility County: Los Angeles

SANWA BANK CALIFORNIA (Continued) **1000434980**

Gepaid: CAD982463895
Contact: SANWA BANK OF CALIFORNIA
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Los Angeles
TSD EPA ID: CAD982524613
TSD County: Orange
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 1.3635
Facility County: Los Angeles

Gepaid: CAD982463895
Contact: SANWA BANK OF CALIFORNIA
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Los Angeles
TSD EPA ID: CAD982524613
TSD County: Orange
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 1.1884
Facility County: Los Angeles

Gepaid: CAD982463895
Contact: SANWA BANK OF CALIFORNIA
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Los Angeles
TSD EPA ID: CAD070148432
TSD County: 1
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .1251
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

LOS ANGELES CO. HMS:
Region: LA
Facility Id: 006994-007311
Facility Status: Permit
Area: 3M
Permit Number: 00005594T
Permit Status: Permit
Facility Type: T0

SANWA BANK CALIFORNIA (Continued) **1000434980**

Region: LA
Facility Id: 006994-048376
Facility Status: OPEN
Area: 3M
Permit Number: Not reported
Permit Status: Not reported
Facility Type: Not reported

Region: LA
Facility Id: 006994-I07311
Facility Status: Permit
Area: 3M
Permit Number: 000009804
Permit Status: Permit
Facility Type: I01

SWEEPS UST:
Status: A
Comp Number: 7311
Number: 1
Board Of Equalization: 44-008189
Ref Date: 01-30-92
Act Date: 01-30-92
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-007311-000001
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: 3

Status: A
Comp Number: 7311
Number: 1
Board Of Equalization: 44-008189
Ref Date: 01-30-92
Act Date: 01-30-92
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-007311-000002
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: A
Comp Number: 7311
Number: 1
Board Of Equalization: 44-008189
Ref Date: 01-30-92
Act Date: 01-30-92

SANWA BANK CALIFORNIA (Continued) **1000434980**

Created Date:	06-30-89
Tank Status:	A
Owner Tank Id:	TK3-ELUTRON
Swrcb Tank Id:	19-000-007311-000003
Actv Date:	01-30-92
Capacity:	2000
Tank Use:	PETROLEUM
Stg:	P
Content:	Not reported
Number Of Tanks:	Not reported

A3 **1977 SATURN ST.** **ERNS** **91228779**
Target Property **1977 SATURN ST.** **N/A**
MONTEREY, CA 91754

Site 3 of 7 in cluster A

Actual: 378 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

A4 **SANWA BANK** **EMI** **S106838965**
Target Property **1977 SATURN STREET** **N/A**
MONTEREY PARK, CA 91754

Site 4 of 7 in cluster A

Actual: 378 ft.

EMI:

Year:	1990
Carbon Monoxide Emissions Tons/Yr:	19
Air Basin:	SC
Facility ID:	63620
Air District Name:	SC
SIC Code:	6021
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
Carbon Monoxide Emissions Tons/Yr:	19
Air Basin:	SC
Facility ID:	63620
Air District Name:	SC
SIC Code:	6021
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0

SANWA BANK (Continued) **S106838965**

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

A5 **UNITED CA BANK** **FINDS** **1008152327**
Target **1977 SATURN ST** **HAZNET** **110018947773**
Property **MONTEREY PARK, CA 91754**

Site 5 of 7 in cluster A

Actual: 378 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAD982463895
Contact:	PROPERTY MANAGER
Telephone:	3237273265
Facility Addr2:	Not reported
Mailing Name:	BANK OF THE WEST
Mailing Address:	1977 SATURN ST
Mailing City,St,Zip:	MONTEREY PARK, CA 917557418
Gen County:	Los Angeles
TSD EPA ID:	AZD049318009
TSD County:	Los Angeles
Waste Category:	Off-specification, aged, or surplus organics
Disposal Method:	Treatment, Incineration
Tons:	0.02
Facility County:	Los Angeles

Gepaid:	CAD982463895
Contact:	PROPERTY MANAGER
Telephone:	3237273265
Facility Addr2:	Not reported
Mailing Name:	BANK OF THE WEST
Mailing Address:	1977 SATURN ST
Mailing City,St,Zip:	MONTEREY PARK, CA 917557418
Gen County:	Los Angeles
TSD EPA ID:	CAD059494310
TSD County:	Los Angeles
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Disposal, Other
Tons:	0.05
Facility County:	Los Angeles

Gepaid: CAD982463895

UNITED CA BANK (Continued) **1008152327**

Contact:	PROPERTY MANAGER
Telephone:	3237273265
Facility Addr2:	Not reported
Mailing Name:	BANK OF THE WEST
Mailing Address:	1977 SATURN ST
Mailing City,St,Zip:	MONTEREY PARK, CA 917557418
Gen County:	Los Angeles
TSD EPA ID:	AZD049318009
TSD County:	Los Angeles
Waste Category:	Other inorganic solid waste
Disposal Method:	Treatment, Incineration
Tons:	0
Facility County:	Los Angeles

Gepaid:	CAD982463895
Contact:	PROPERTY MANAGER
Telephone:	3237273265
Facility Addr2:	Not reported
Mailing Name:	BANK OF THE WEST
Mailing Address:	1977 SATURN ST
Mailing City,St,Zip:	MONTEREY PARK, CA 917557418
Gen County:	Los Angeles
TSD EPA ID:	AZD049318009
TSD County:	Los Angeles
Waste Category:	Unspecified alkaline solution
Disposal Method:	Treatment, Incineration
Tons:	0.12
Facility County:	Los Angeles

Gepaid:	CAD982463895
Contact:	PROPERTY MANAGER
Telephone:	3237273265
Facility Addr2:	Not reported
Mailing Name:	BANK OF THE WEST
Mailing Address:	1977 SATURN ST
Mailing City,St,Zip:	MONTEREY PARK, CA 917557418
Gen County:	Los Angeles
TSD EPA ID:	CAD059494310
TSD County:	Los Angeles
Waste Category:	Waste oil and mixed oil
Disposal Method:	Transfer Station
Tons:	0.05
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

NPL
Region
SE
1/4-1/2
2106 ft.

OPERATING INDS INC
2550 GREENWOOD AVE
MONTEREY PARK, CA 91755

CERCLIS
FINDS
NPL
RCRA-LQG
RCRA-TSDF
RAATS
CORRACTS
CONSENT
ROD
US ENG CONTROLS
US INST CONTROL

1000353881
CAT080012024

CERCLIS:
Site ID: 0902673
Federal Facility: Not a Federal Facility
NPL Status: Currently on the Final NPL
Non NPL Status: Not reported

CERCLIS Site Contact Name(s):
Contact Name: Chris Weden
Contact Tel: (415) 972-3041
Contact Title: On-Scene Coordinator (OSC)

Contact Name: Shiann-Jang Chern
Contact Tel: (415) 972-3268
Contact Title: Remedial Project Manager (RPM)

Contact Name: Jere Johnson
Contact Tel: (415) 972-3094
Contact Title: Site Assessment Manager (SAM)

Contact Name: Dawn Richmond
Contact Tel: (415) 972-3097
Contact Title: Site Assessment Manager (SAM)

Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Contact Name: Pankaj Arora
Contact Tel: (415) 972-3040
Contact Title: Remedial Project Manager (RPM)

CERCLIS Site Alias Name(s):
Alias Name: MONTEREY PARK LDFL
Alias Address: Not reported
CA
Alias Name: OII
Alias Address: Not reported
CA
Alias Name: OPERATING INDUSTRIES, INC., LANDFILL
Alias Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
Site Description: The Operating Industries, Inc. (OII) Site is located at 900 Potrero Grande Drive in the City of Monterey Park, approximately 10 miles east of downtown Los Angeles. The landfill property covers 190 acres and is divided by California Highway 60. The45 acres to the north of the freeway are referred to as the North Parcel, and the 145 acres to the south of the freeway are called the

OPERATING INDS INC (Continued) **1000353881**

South Parcel. The neighboring City of Montebello borders the South Parcel and portions of the North Parcel. The landfill was constructed by filling a former quarry pit that was cut into the side and top of a portion of the Montebello Hills. The landfill was ultimately constructed to a height higher than the adjacent Montebello Hills. Elevations at the landfill range from approximately 380 feet above mean sea level at the North Parcel to 640 feet above mean sea level at the top deck of the South Parcel. The top of the South Parcel is about 150 to 250 feet above the surrounding natural grade. The South Parcel landfill side slopes are quite steep, ranging from about a 14 degree to a 27 degree angled slope.Older aerial photographs (pre-1960) show little residential or commercial development near the landfill. By 1968, residential development had moved closer to the landfill; and by the mid-1970s, considerable residential and commercial development had taken place adjacent to the landfill boundary. The area surrounding the OII Site is heavily developed with mixed general commercial/industrial and residential land use, with small pockets of open space. As reported in the 1990 census, the total population contained within the tracts surrounding the landfill is 35,101 persons. The total population of the Cities of Monterey Park and Montebello is 59,570 and 60,740 persons, respectively. There are two age groups within the overall population of particular sensitivity to environmental conditions: children under 5 years and adults 65 years or greater. The population of children under 5 years (2,307 persons) and adults 65 years or greater (4,047 persons) together comprises 6,354 persons, or approximately 18 percent of the population in the tracts surrounding the landfill. Also of importance are persons who are likely to spend a significant portion of time at home in the tracts surrounding the landfill. This number was estimated in the 1990 census to be 13,863 persons, or approximately 39 percent of the population in the tracts surrounding the landfill.There is no known use of groundwater within approximately 1.5 miles of the OII Site.--HISTORICAL WASTE DISPOSAL AND LANDFILL OPERATIONSPrior to 1946, the OII property was a sand and gravel quarry. Waste disposal operations at the landfill began on 14 acres in October 1948 by Monterey Park Disposal Company. In January 1952, Operating Industries, Inc. assumed ownership of the landfill; and, by 1958, the landfill had expanded to 218 acres. The size was later reduced to 190 acres when the State of California purchased 28 acres for construction of the Pomona Freeway. In October1954, the landfill was permitted for the disposal of liquids at the landfill. In March 1976, the disposal of liquids was limited to a 32-acre area in the western portion of the South Parcel. This order allowed Operating Industries, Inc. to mix liquids with solid refuse at a ratio of 10 gallons per cubic yard of refuse. In September 1976, this ratio was increased to 20 gallons per cubic yard.In 1982, leachate was observed seeping offsite. OII stopped accepting hazardous liquid waste in January 1983 and all liquid waste in April 1983. A leachate collection system was installed to collect leachate seeping from the landfill. Leachate generated at the landfill was collected and redisposed by combining it with incoming refuse that was mixed back onto the working face of the landfill. This practice continued until September 1984, when the California Department of Health Services classified leachate generated at the landfill as hazardous and prohibited redisposal, effective October 1984. At that time, OII began shipping all leachate offsite for treatment and disposal.Prior to 1984. OII, the landfill operator and owner, performed several landfill control measures. This included installation of the leachate collection system, development of an air-dike air injection system on the west side of the landfill to control subsurface gas migration, installation of gas extraction wells around the perimeter of the landfill, installation of a gas flaring station to burn landfill gas, site contouring, slope terracing and vegetation, and covering refuse with fill.OII's control of the environmental problems and maintenance of the control systems began to diminish significantly in late 1984. In this same

OPERATING INDS INC (Continued) **1000353881**

period, EPA began initial site investigations. On May 19, 1986, OII notified the state of its intent to discontinue all site control and monitoring activities except irrigation. By the end of May 1986, the OII Site was added to the NPL. EPA assumed responsibility for site activities on May 20, 1986.---LANDFILL DEVELOPMENT AND THICKNESSLandfilling operations began in 1948 by filling an existing natural canyon currently occupied by a portion of the Pomona Freeway and north-central portions of the South Parcel. Cut-and-cover filling operations began in the early 1950s. Additional areas were quarried and filled. From the 1950s through the 1970s, the waste disposal activities expanded to cover the current landfilled area. During this time, the height ofthe landfill was also increased several times, ultimately reaching the current elevation of approximately 640 feet above mean sea level. The thickness of solid waste in the South Parcel ranges from approximately 200 to 325 feet. The North Parcel contains approximately 11 acres of solid waste, ranging in thickness up to 55 feet. ---WASTE TYPES AND QUANTITIESA total estimated refuse volume of 38 million cubic yards weighing 22 to 31 million tons was disposed at the landfill over its operating life. More than three-fourths of the refuse was disposed before 1974, before records were maintained for truck counts and delivered weight. Liquids are excluded from these refuse mass calculations. Liquid wastes were disposed at the landfill throughout its history, until April 1983. More than 300 million gallons of liquids are recorded as having been disposed between 1976 and 1983. Liquid wastes were reportedly disposed at the landfill prior to 1976, but records were not kept by landfill operators. --HYDROGEOLOGIC INVESTIGATIONSEPA performed six major hydrogeologic investigations at the OII Site between 1975 and 1993, resulting in the installation of 75 groundwater monitoring wells. Activities conducted as part of these investigations include: drilling and monitoring well installation, formation testing, surface and subsurface soil sampling, groundwater sampling and analysis, and aquifer testing. -- GEOLOGIC AND GEOTECHNICAL EVALUATIONSEPA performed several geologic and geotechnical investigations that provide additional information regarding the subsurface conditions at or near the OII Site.--AIR QUALITY INVESTIGATIONSEPA conducted two air quality investigations as part of the Remedial Investigation for the OII Site. One investigation focused on ambient air in the vicinity of the landfill, and the other investigation focused on air quality in the homes surrounding the landfill. Ambient air sampling was conducted for one year, from September 1989 to September 1990. The in-home air monitoring was conducted between November 1992 and July 1993.--SURFACE WATER SAMPLINGSurface water in the form of runoff from the landfill is sampled routinely as part of the site control and monitoring activities at the landfill. In addition, EPA collected two surface water runoff samples from the North Parcel in 1987 as part of a field reconnaissance to identify surface drainage features. Routine surface water sampling began in February 1990 and continues through the present.EPA collected leachate samples from leachate seeps in Iguala Park after heavy rains in January 1993. The OII Landfill Work Defendants performed a survey of onsite landfill seeps after the 1992/1993 rainy season to prioritize seepageareas for potential remediation prior to installation of the landfill cover. Since 1983, EPA has periodically collected and analyzed leachate to characterize its chemical composition and source areas. Since 1990, the OII Landfill Work Defendants have performed several leachate sampling events associated with evaluations of leachate quantity and quality for the leachate treatment plant.--LANDFILL GAS INVESTIGATIONSEPA has collected a large amount of landfill gas data at the OII Site since the mid-1970s. -Landfill Gas Probes and Wells.OII installed landfill gas monitoring probes along the west, south, and east borders of the South Parcel in 1976 and 1981 and around the North Parcel in 1981. OII installed perimeter gas extraction wells in various phases from 1982 through 1984. -Air Dike Wells.OII installed an air dike system in

OPERATING INDS INC (Continued) **1000353881**

native material along the south and west borders of the landfill to control landfill-generated methane gas emissions beyond the landfill boundary. EPA installed 26 wells in 1981 to create the air dike. Additional wells and monitoring probes were installed in October 1982. EPA constructed eight gas migration test wells to a maximum depth of 101 feet as part of a testing program for the existing air dike system. -South and North Parcel Landfill Gas Monitoring Wells.EPA installed 15 landfill gas monitoring wells along the western and southern boundaries of the South Parcel in 1987 and 1988. EPA installed 13 landfill gasmonitoring wells on the North Parcel in June/July 1987.----------
----------SUMMARY OF EPA ACTIONS AT THE OII SITEEPA has performed a variety of emergency actions in response to environmental problems at the landfill, including erosion control improvements, installation of a toe buttress for slope stability, surface runoff and drainage improvements, rehabilitation of the main flare station, site security, placement of vented water meter box covers in the areas surrounding the landfill, and installation of control systems in nearby affected residences. EPA formally began the Remedial Investigation/Feasibility Study at the OII Site in 1986, although field investigations had been initiated in 1984. -SUMMARY OF ENFORCEMENT ACTIVITIES-Prior to EPA involvement, various state and local agencies reported that OII frequently violated waste disposal regulations during the operations at thelandfill between 1952 and 1984. There are approximately 3,950 potentially responsible parties at the OII Site. Since 1984, EPA has sent combined general notice and CERCLA 104(e) letters to potentially responsible parties that generated approximately 87 percent (by volume) of the manifested liquid waste for which EPA has records. -OII SITE CONSENT DECREES AND ADMINSTRATIVE ORDERSFive Consent Decrees have been successfully negotiated with various potentially responsible party groups for performance and funding of various portions of the site cleanup. In addition to the Consent Decrees, site cleanup work has been performed under a Unilateral Administrative Order that EPA issued to three of the previously nonsettling potentially responsible parties. The order required these PRPs to participate in the collection and treatment/disposal of wastes associated with the OII Site in cooperation with the PRPs performing work at the site under the Consent Decrees. These three parties subsequently joined the Fifth Partial Consent Decree.-HIGHLIGHTS OF COMMUNITY PARTICIPATIONThe Proposed Plan for this remedy, in the form of a fact sheet, was distributed to approximately 3,000 parties on EPA's mailing list for the OII Site. The Proposed Plan, together with the Feasibility Study Report and the Draft Remedial Investigation Report, were also made available in the site vicinity at local libraries. Notice of public meeting, availability of the Proposed Plan, and the announcement of a 30-day public comment period were published in the Los Angeles Times newspaper, San Gabriel edition, and the Monterey Park Progress and Montebello News newspapers. EPA held a public meeting on June 12, 1996, near the site to discuss its cleanup plan. EPA extended the public comment period in response to a request from members of the public. A public notice mailed to the entire EPA mailing list extended the original 30-day public comment period to 60 days. EPA received several sets of written comments during the public comment period. EPA has also held frequent meeting with the public, the state, and local agencies to discuss ongoing activities at the landfill. In addition to the Proposed Plan fact sheet for this remedy, EPA has issued numerous fact sheets between 1985 and 1996 describing investigation and cleanup activities at the OII site.OPERATING IND FORMERLY OPERATED A 190-ACRE LDFL IN MONTEREY PARK,CA FR 1948-84.OPERATOR DSP'D OF HAZARDOUS LIQUID WASTESON 32 ACRE PORTION OF SITE. LEACHATE FR LDFL CONTAINS VINYL CHLORIDE,CHLOROFORM,HEAVY METALS & OTHER CONTAMINANTS.

CERCLIS Assessment History:
Action: DISCOVERY

OPERATING INDS INC (Continued) **1000353881**

Date Started: Not reported
Date Completed: 11/01/1979
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 04/01/1984
Priority Level: High

Action: SITE INSPECTION
Date Started: 01/01/1984
Date Completed: 04/01/1984
Priority Level: High

Action: HAZARD RANKING SYSTEM PACKAGE
Date Started: Not reported
Date Completed: 04/01/1984
Priority Level: Not reported

Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 10/15/1984
Priority Level: Not reported

Action: NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started: Not reported
Date Completed: 02/15/1985
Priority Level: Not reported

Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY WORKPLAN APPROVAL BY HQ
Date Started: Not reported
Date Completed: 03/01/1985
Priority Level: Not reported

Action: FORWARD PLANNING
Date Started: 09/24/1984
Date Completed: 10/10/1985
Priority Level: Not reported

Action: TECHNICAL ASSISTANCE
Date Started: 12/31/1985
Date Completed: Not reported
Priority Level: Not reported

Action: REMEDIAL INVESTIGATION
Date Started: 06/28/1985
Date Completed: 04/01/1986
Priority Level: Not reported

Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 06/10/1986
Priority Level: Not reported

Action: Notice Letters Issued
Date Started: Not reported
Date Completed: 06/20/1986

OPERATING INDS INC (Continued) **1000353881**

Priority Level: Not reported

Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY WORKPLAN APPROVAL BY HQ
Date Started: 04/04/1986
Date Completed: 08/01/1986
Priority Level: Not reported

Action: REMOVAL
Date Started: 10/01/1986
Date Completed: 04/10/1987
Priority Level: Cleaned up

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 07/31/1987
Priority Level: Not reported

Action: FEASIBILITY STUDY
Date Started: 03/26/1987
Date Completed: 07/31/1987
Priority Level: Not reported

Action: REMOVAL
Date Started: 02/15/1987
Date Completed: 08/01/1987
Priority Level: Stabilized

Action: REMOVAL
Date Started: 10/08/1985
Date Completed: 08/01/1987
Priority Level: Stabilized

Action: TECHNICAL ASSISTANCE
Date Started: 12/31/1985
Date Completed: 09/30/1987
Priority Level: Not reported

Action: PRE-DESIGN ASSISTANCE
Date Started: 02/03/1986
Date Completed: 09/30/1987
Priority Level: Not reported

Action: FEASIBILITY STUDY
Date Started: 03/19/1985
Date Completed: 11/16/1987
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 11/16/1987
Priority Level: Not reported

Action: Special Notice Issued
Date Started: Not reported
Date Completed: 02/19/1988
Priority Level: Not reported

OPERATING INDS INC (Continued) **1000353881**

Action: COST RECOVERY NEGOTIATIONS
Date Started: 07/01/1987
Date Completed: 02/29/1988
Priority Level: Not reported

Action: CLAIM IN BANKRUPTCY PROCEEDING
Date Started: 03/10/1987
Date Completed: 02/29/1988
Priority Level: Not reported

Action: ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started: Not reported
Date Completed: 02/29/1988
Priority Level: Not reported

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 02/18/1988
Date Completed: 09/28/1988
Priority Level: Not reported

Action: FEASIBILITY STUDY
Date Started: 09/22/1987
Date Completed: 09/30/1988
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 09/30/1988
Priority Level: Not reported

Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: 10/01/1986
Date Completed: 11/17/1988
Priority Level: Not reported

Action: CONSENT DECREE
Date Started: 11/17/1988
Date Completed: 05/08/1989
Priority Level: Not reported

Action: REMEDIAL ACTION
Date Started: 09/21/1987
Date Completed: 05/11/1989
Priority Level: Not reported

Action: ADMINISTRATIVE RECORDS
Date Started: 07/01/1989
Date Completed: 07/01/1989
Priority Level: Admin Record Compiled for a Removal Event

Action: Notice Letters Issued
Date Started: Not reported
Date Completed: 07/10/1989
Priority Level: Not reported

Action: CLAIM IN BANKRUPTCY PROCEEDING
Date Started: 11/01/1989

OPERATING INDS INC (Continued) **1000353881**

Date Completed: 11/15/1989
Priority Level: Not reported

Action: Notice Letters Issued
Date Started: Not reported
Date Completed: 12/06/1989
Priority Level: Not reported

Action: REMEDIAL INVESTIGATION
Date Started: 04/10/1986
Date Completed: 03/30/1990
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: 09/06/1990
Date Completed: 09/06/1990
Priority Level: Not reported

Action: RECORD OF DECISION AMENDMENT
Date Started: Not reported
Date Completed: 09/28/1990
Priority Level: Not reported

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 03/30/1990
Date Completed: 10/01/1990
Priority Level: Not reported

Action: CLAIM IN BANKRUPTCY PROCEEDING
Date Started: 05/23/1990
Date Completed: 11/02/1990
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 05/11/1989
Date Completed: 01/04/1991
Priority Level: Not reported

Action: CONSENT DECREE
Date Started: Not reported
Date Completed: 02/25/1991
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 05/11/1989
Date Completed: 07/18/1991
Priority Level: Not reported

Action: CONSENT DECREE
Date Started: Not reported
Date Completed: 07/31/1991
Priority Level: Not reported

Action: CONSENT DECREE
Date Started: 10/01/1990
Date Completed: 09/17/1991
Priority Level: Not reported

OPERATING INDS INC (Continued) **1000353881**

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 09/28/1990
Date Completed: 09/27/1991
Priority Level: Not reported

Action: CONSENT DECREE
Date Started: 09/27/1991
Date Completed: 03/30/1992
Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 09/18/1992
Priority Level: Not reported

Action: Notice Letters Issued
Date Started: Not reported
Date Completed: 10/20/1992
Priority Level: Not reported

Action: PREPARATION OF COST DOCUMENT PACKAGE
Date Started: 07/07/1992
Date Completed: 12/10/1992
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: Not reported
Date Completed: 12/30/1992
Priority Level: Not reported

Action: Notice Letters Issued
Date Started: Not reported
Date Completed: 05/23/1993
Priority Level: Not reported

Action: Notice Letters Issued
Date Started: Not reported
Date Completed: 05/26/1993
Priority Level: Not reported

Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 11/02/1993
Priority Level: Not reported

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 09/28/1990
Date Completed: 11/02/1993
Priority Level: Not reported

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 09/09/1993
Date Completed: 12/12/1994
Priority Level: Not reported

Action: Lodged By DOJ
Date Started: Not reported

OPERATING INDS INC (Continued) **1000353881**

Date Completed: 12/29/1994
Priority Level: Not reported

Action: CONSENT DECREE
Date Started: 12/12/1994
Date Completed: 04/03/1995
Priority Level: Not reported

Action: FIVE-YEAR REVIEW
Date Started: 02/09/1995
Date Completed: 06/21/1995
Priority Level: Not reported

Action: FIVE YEAR REVIEW REPORT DUE
Date Started: Not reported
Date Completed: 06/21/1995
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 07/18/1991
Date Completed: 09/29/1995
Priority Level: Not reported

Action: OPERATIONS AND MAINTENANCE
Date Started: 09/29/1995
Date Completed: Not reported
Priority Level: Not reported

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 07/25/1995
Date Completed: 12/29/1995
Priority Level: Not reported

Action: Lodged By DOJ
Date Started: Not reported
Date Completed: 03/19/1996
Priority Level: Not reported

Action: CONSENT DECREE
Date Started: 12/29/1995
Date Completed: 07/10/1996
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 09/30/1996
Priority Level: Final Remedy Selected at Site

Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/15/1989
Date Completed: 09/30/1996
Priority Level: Not reported

Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 03/07/1997
Priority Level: Not reported

OPERATING INDS INC (Continued) **1000353881**

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 05/11/1989
Date Completed: 05/10/1997
Priority Level: Not reported

Action: OPERATIONS AND MAINTENANCE
Date Started: 05/10/1997
Date Completed: Not reported
Priority Level: Not reported

Action: Lodged By DOJ
Date Started: Not reported
Date Completed: 07/23/1997
Priority Level: Not reported

Action: CONSENT DECREE
Date Started: 06/23/1997
Date Completed: 09/23/1997
Priority Level: Not reported

Action: Special Notice Issued
Date Started: Not reported
Date Completed: 09/30/1997
Priority Level: Not reported

Action: Notice Letters Issued
Date Started: Not reported
Date Completed: 05/07/1998
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 04/01/1992
Date Completed: 05/28/1998
Priority Level: Not reported

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 05/08/1998
Date Completed: 09/30/1998
Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 09/30/1998
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 09/17/1991
Date Completed: 09/24/1999
Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 09/30/1999
Priority Level: Not reported

Action: COST RECOVERY NEGOTIATIONS
Date Started: 08/20/1998

OPERATING INDS INC (Continued) **1000353881**

Date Completed: 09/30/1999
Priority Level: Not reported

Action: FIVE YEAR REVIEW REPORT DUE
Date Started: Not reported
Date Completed: 02/18/2000
Priority Level: Not reported

Action: FIVE-YEAR REVIEW
Date Started: 01/25/2000
Date Completed: 02/18/2000
Priority Level: Not reported

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 09/30/1999
Date Completed: 08/07/2000
Priority Level: Not reported

Action: Lodged By DOJ
Date Started: Not reported
Date Completed: 08/18/2000
Priority Level: Not reported

Action: CONSENT DECREE
Date Started: 08/07/2000
Date Completed: 08/28/2000
Priority Level: Multi-Site-First Site

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 09/29/2000
Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 09/27/2001
Priority Level: Not reported

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 09/30/1997
Date Completed: 09/28/2001
Priority Level: Not reported

Action: Lodged By DOJ
Date Started: Not reported
Date Completed: 12/28/2001
Priority Level: Not reported

Action: REMOVAL
Date Started: 11/23/1992
Date Completed: 03/15/2002
Priority Level: Cleaned up

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 09/28/2001
Date Completed: 05/08/2002
Priority Level: Not reported

OPERATING INDS INC (Continued) **1000353881**

Action: CONSENT DECREE
Date Started: 09/28/2001
Date Completed: 05/28/2002
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 05/28/1998
Date Completed: 09/24/2002
Priority Level: Final RA Report

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 09/24/1999
Date Completed: 09/24/2002
Priority Level: Final RA Report

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 09/30/2002
Priority Level: Not reported

Action: CONSENT AGREEMENT (ADMINISTRATIVE)
Date Started: Not reported
Date Completed: 09/10/2003
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 05/08/2002
Date Completed: 09/29/2003
Priority Level: Interim RA Report

Action: FIVE-YEAR REVIEW
Date Started: Not reported
Date Completed: 09/28/2005
Priority Level: Not reported

Action: FIVE YEAR REVIEW REPORT DUE
Date Started: Not reported
Date Completed: 09/28/2005
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 07/24/2006
Date Completed: Not reported
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: Not reported
Date Completed: 07/24/2006
Priority Level: Not reported

Action: FIVE YEAR REVIEW REPORT DUE
Date Started: Not reported
Date Completed: Not reported
Priority Level: Not reported

FINDS:
Other Pertinent Environmental Activity Identified at Site

OPERATING INDS INC (Continued) **1000353881**

California - Hazardous Waste Tracking System - Datamart

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NPL:

EPA ID:	CAT080012024
EPA Region:	09
Federal:	General
Final Date:	06/10/1986

Category Details:

NPL Status:	Currently on the Final NPL
Category Description:	Depth To Aquifer-> 100 Feet
Category Value:	300

NPL Status:	Currently on the Final NPL
Category Description:	Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value:	100

Site Details:

Site Name:	OPERATING INDUSTRIES, INC., LANDFILL
Site Status:	Final
Status Date:	06/10/86
Site City:	MONTEREY PARK

OPERATING INDS INC (Continued) **1000353881**

Site State: CA
Federal Site: Not a Federal Facility
HRS Score: 47.91
GW Score: 58.37
SW Score: 0.00
Air Score: 58.85
Soil Score: Not reported
DC Score: Not reported
FE Score: Not reported

Site Name: OPERATING INDUSTRIES, INC., LANDFILL
Site Status: Final
Status Date: 06/10/86
Site City: MONTEREY PARK
Site State: CA
Federal Site: Not a Federal Facility
HRS Score: 57.22
GW Score: 79.59
SW Score: 0.00
Air Score: 58.85
Soil Score: Not reported
DC Score: Not reported
FE Score: Not reported

Substance Details:
NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: C113
Substance: STYRENE
CAS #: 100-42-5
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: C470
Substance: TRIMETHYL BENZENE
CAS #: 25551-13-7
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: D008
Substance: LEAD (PB)
CAS #: 7439-92-1
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: U019
Substance: BENZENE
CAS #: 71-43-2

OPERATING INDS INC (Continued) **1000353881**

Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U043
Substance: VINYL CHLORIDE
CAS #: 75-01-4
Pathway: AIR PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: U044
Substance: CHLOROFORM
CAS #: 67-66-3
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: U188
Substance: PHENOL
CAS #: 108-95-2
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U220
Substance: TOLUENE
CAS #: 108-88-3
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U239
Substance: XYLENE
CAS #: 1330-20-7
Pathway: GROUND WATER PATHWAY
Scoring: 2

Summary Details:

Conditions at proposal October 15, 1984): Operating Industries, Inc., operated a landfill on 190 acres in the City of Monterey Park, Los Angeles County, California. The 45-acre northern section was separated in the 1960s from the southern 145-acre section by the Pomona Freeway. EPA has evidence that the original landfill included at least a portion of both sections.
From l948 to l983, solid and liquid wastes, some ha ardous, were disposed of at the site. Leachate generated by the landfill contains vinyl chloride, ben ene-type compounds, tetrachloroethylene, heavy metals, and other contaminants, according to testing by the Los Angeles County Sanitation District LACSD), the California Department of Health Services CDHS), and the company. In July l983, the South Coast Air Quality Management District

OPERATING INDS INC (Continued) **1000353881**

SCAQMD) detected vinyl chloride above ambient standards in air at and around the landfill, which is adjacent to a large residential area. SCAQMD, CDHS,and the Los Angeles County Department of Health Services have taken enforcement actions against the facility. About 23,000 people use wells within 3 miles of the site as a source of drinking water. The company acquired Interim Status when it filed Part A of a permit application under Subtitle C of the Resource Conservation and Recovery Act RCRA). The company submitted a draft plan for closing the landfill under RCRA, but CDHS, in conjunction with other State agencies and EPA, determined that the plan had numerous deficiencies, most notably the failure to 1) provide financial assurance requirements for closure and 2) develop an adequate plan for monitoring ground water and for collecting and disposing of leachate. The company has not submitted complete and adequate closure and postclosure documents. Status February 1986): EPA collected gas samples in November 1984 from 16 subsurface probes in an adjacent housing development. Some samplesconfirmedthe presence of methane and vinyl chloride in subsurface soils. Interior home samples collected in November 1984 had low levels of methane and nondetectable levels of vinyl chloride. Elevated levels of methane and vinyl chloride werealso detected in a home adjacent to the landfill in October 1985. EPA installed six monitoring wells around the landfill in 1984-85. Quarterly samples collected since March 1985 contain organic chemicals and trace metals. In July 1985, EPA started planning for a comprehensive remedial investigation to determine the nature and extent of the problems associated with the landfill. When the investigation is complete, various alternatives to remedy the problems will be evaluated in a feasibility study. Interim measures are planned to stabili e and control the landfill, including slope stabili ation and upgrading of existing gas leachate collection systems. EPA trucked leachate to an off-site treatment facility from October 1985 to February 1986, when the State took over. Status June 10, 1986): This site is placed on the NPL because the potentially responsible party declined to initiate work, and CERCLA-funded remedial activities are underway.Thus, the site meets one of the requirements of EPA s policy for placing RCRA-related sites on the NPL.

Site Status Details:

NPL Status:	Final
Proposed Date:	10/15/1984
Final Date:	06/10/1986
Deleted Date:	Not reported

Narratives Details:

NPL Name:	OPERATING INDUSTRIES, INC., LANDFILL
City:	MONTEREY PARK
State:	CA

RCRAInfo Corrective Action Summary:

Event:	CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.
Event Date:	01/01/1996

OPERATING INDS INC (Continued) **1000353881**

Event: CA Prioritization, Facility or area was assigned a high corrective action priority.
Event Date: 04/01/1984

RCRAInfo:
Owner: OPERATING INDUSTRIES, INC.
(213) 726-3202
EPA ID: CAT080012024

Contact: Not reported

Classification: Large Quantity Generator, TSDF
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 264.140-150.H
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 12/23/1987
Actual Date Achieved Compliance: 01/01/1990

Enforcement Action: CIVIL ACTION FOR COMPLIANCE
Enforcement Action Date: 09/26/1985
Penalty Type: Not reported

Regulation Violated: 270
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 10/06/1987
Actual Date Achieved Compliance: 01/01/1990

Regulation Violated: 264.70-77.E
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 10/06/1987
Actual Date Achieved Compliance: 01/01/1990

Regulation Violated: 264.140-150.H
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 06/22/1987
Actual Date Achieved Compliance: 01/01/1990

Enforcement Action: CIVIL ACTION FOR COMPLIANCE
Enforcement Action Date: 09/26/1985
Penalty Type: Not reported

Regulation Violated: 264.140-150.H
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 11/26/1986
Actual Date Achieved Compliance: 01/01/1990

Enforcement Action: CIVIL ACTION FOR COMPLIANCE
Enforcement Action Date: 09/26/1985
Penalty Type: Not reported

There are 5 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19900101
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19900101
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19900101
Non-Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19900101
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19900101

OPERATING INDS INC (Continued) **1000353881**

CORRACTS:

EPA ID: CAT080012024
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 01/01/1996
Action: CA210SF - CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA
NAICS Code(s): Not reported

EPA ID: CAT080012024
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 04/01/1984
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): Not reported

CONSENT:

Full-text of a consent decree on this site issued by a United States District Court is available from EDR.

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

US ENG CONTROLS:

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

OPERATING INDS INC (Continued) **1000353881**

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

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Site ID: 0902673
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Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES

OPERATING INDS INC (Continued) **1000353881**

Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR

OPERATING INDS INC (Continued) **1000353881**

MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024

OPERATING INDS INC (Continued) **1000353881**

Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported

OPERATING INDS INC (Continued) **1000353881**

Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754

OPERATING INDS INC (Continued) **1000353881**

EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: Not reported

Action ID: 003
Action Name: PRP RA
Action Completion date: 20020924
Planned Complet. date: 20020330
Operable Unit: 03
Contaminated Media : Air
Engineering Control: High Energy Corona

US INST CONTROL:
EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Action Name: PRP RD
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Inst. Control: Institutional Controls, (N.O.S.)
Actual Date: Not reported
Planned Complet. Date: 09/30/1999
Complet. Date: 05/28/1998
Operable Unit: 03
Contaminated Media : Air

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Action Name: RECORD OF DECISION
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Inst. Control: Institutional Controls, (N.O.S.)
Actual Date: Not reported
Planned Complet. Date: 09/30/1988
Complet. Date: 09/30/1988
Operable Unit: 03
Contaminated Media : Air

A6 **UNION BANK OPERATIONS CENTER** **SWEEPS UST** **U003776207**
East **1980 SATURN ST** **N/A**
< 1/8 **MONTEREY PARK, CA 91755**
46 ft.

Site 6 of 7 in cluster A

Relative:
Higher

Actual:
381 ft.

SWEEPS UST:
Status: A
Comp Number: 8139
Number: 9
Board Of Equalization: 44-008240

UNION BANK OPERATIONS CENTER (Continued) **U003776207**

Ref Date:	06-30-89
Act Date:	Not reported
Created Date:	06-30-89
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	19-000-008139-000001
Actv Date:	06-30-89
Capacity:	Not reported
Tank Use:	UNKNOWN
Stg:	W
Content:	Not reported
Number Of Tanks:	1

A7
East
< 1/8
46 ft.

Relative:
Higher

Actual:
381 ft.

UNION BANK OPERATIONS CENTER **UST** **U004050793**
1980 SATURN ST **LOS ANGELES CO. HMS** **N/A**
MONTEREY PARK, CA 91755

Site 7 of 7 in cluster A

UST:

Region:	STATE
Local Agency:	19000
Facility ID:	8139

LOS ANGELES CO. HMS:

Region:	LA
Facility Id:	009094-008139
Facility Status:	Permit
Area:	3M
Permit Number:	00001066T
Permit Status:	Permit
Facility Type:	T0

B8
WSW
1/8-1/4
772 ft.

Relative:
Lower

Actual:
345 ft.

ROSS NAME PLATE COMPANY **RCRA-SQG** **1000375272**
2 RED PLUM CIRCLE **FINDS** **CAD981685373**
MONTEREY PARK, CA 91754 **CA FID UST**
SWEEPS UST

Site 1 of 2 in cluster B

RCRAInfo:

Owner:	NOT REQUIRED
	(415) 555-1212
EPA ID:	CAD981685373
Contact:	Not reported
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

ROSS NAME PLATE COMPANY (Continued) **1000375272**

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CA FID UST:

Facility ID:	19052411
Regulated By:	UTNKA
Regulated ID:	981685373
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2137256812
Mail To:	Not reported
Mailing Address:	2 RED PLUM
Mailing Address 2:	Not reported
Mailing City,St,Zip:	MONTEREY PARK 91754
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	A
Comp Number:	7314
Number:	1
Board Of Equalization:	Not reported
Ref Date:	03-15-90
Act Date:	03-15-90
Created Date:	03-15-90
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	19-000-007314-000001
Actv Date:	03-15-90
Capacity:	5000
Tank Use:	M.V. FUEL
Stg:	P

ROSS NAME PLATE COMPANY (Continued) **1000375272**

Content: REG UNLEADED
Number Of Tanks: 1

9
SE
1/8-1/4
789 ft.

OPERATING INDUSTRIES, INC **SWF/LF** **S107591756**
900 POTRERO GRANDE DRIVE **N/A**
MONTEREY PARK, CA

Relative:
Lower

Actual:
353 ft.

LF:

Region:	STATE
Facility ID:	19-AA-0836
Facility Telephone:	Not reported
Facility Telephone 2:	Not reported
Lat/Long:	34.05500 / -118.10750
Land Owner:	Not reported
Owner Name:	Operating Industries, Inc
Owner Telephone:	8182803130
Owner Address:	Not reported
Owner Address2:	1749 Potrero Grande Drive
Owner City,St,Zip:	Monterey Park, CA 91754
Operator:	Operating Industries, Inc
Operator Phone:	8182803130
Operator Address:	Not reported
Operator Address2:	1749 Potrero Grande Drive
Operator City,St,Zip:	Monterey Park, CA 91754
Operator's Status:	Closed
Permit Date:	Not reported
Permit Status:	Not reported
Permitted Acreage:	0.00
Activity:	Solid Waste Disposal Site
Regulation Status:	Unpermitted
Land Use:	Not reported
Landuse Name:	Not reported
GIS Source:	Map
Category:	Disposal
Unit Number:	01
Inspection Frequency:	None
Accepted Waste:	Not reported
Year Opened:	Not reported
Year Closed:	Not reported
Closure Date:	10/01/84
Closure Type:	Actual
Closure Approve:	Not reported
Disposal Acreage:	$0.00
Status:	Not reported
Swisnumber:	Not reported
Aka:	Not reported
Type Of Waste:	Not reported
Disposal Area:	Not reported
SWFP Date:	Not reported
WDR Number:	Not reported
Dates Operation:	Not reported
Dt Of Field Units:	Not reported
Surface Condition:	Not reported
Landfill Gas:	Not reported
Leachate:	Not reported
Emrgncy Response:	Not reported
Lea Date:	Not reported

OPERATING INDUSTRIES, INC (Continued) **S107591756**

Restrictions:	Not reported
Fill Area:	Not reported
Type Of Refuse:	Not reported
Avg Depth Of Fill:	Not reported
Addtl Expansion Area:	Not reported
Site Size:	Not reported
Site Type:	Not reported
Site Description:	Not reported
Reassess Site:	Not reported
Location:	Not reported
Parcel Num:	Not reported
Issue & Observations:	Not reported
Other Observations:	Not reported
Date:	Not reported
Address:	Not reported
Prep By:	Not reported
DOHS Number:	Not reported
CUP Number:	Not reported
CIWMB:	Not reported
Program Type:	Not reported
Public Notice:	Not reported
PERMTIER:	Not reported
Recommendations:	Not reported
Othr Recommendation:	Not reported
Sig. Change Since Last Visit:	Not reported
Priority For Site Assessment:	Not reported
Permitted Throughput with Units:	Not reported
Actual Throughput with Units:	Not reported
Permitted Capacity with Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity with Units:	Not reported
Last Waste Tire Inspection Count:	Not reported
Last Waste Tire Inspection Date:	Not reported
Original Waste Tire Count:	Not reported
Original Waste Tire Count Date:	Not reported

B10 **ALPHA PHOTONICS** **FINDS** **1004676637**
WSW **2019 SATURN ST** **HAZNET** **CAR000087692**
1/8-1/4 **MONTEREY PARK, CA 91754** **RCRA-LQG**
866 ft.

Site 2 of 2 in cluster B

Relative:
Lower

FINDS:
Other Pertinent Environmental Activity Identified at Site

Actual:
345 ft.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAL000144747
Contact:	LYTE OPTRONICS INC

ALPHA PHOTONICS (Continued) **1004676637**

Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2019 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917540000
Gen County: Los Angeles
TSD EPA ID: CAD050806850
TSD County: Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: .4800
Facility County: Los Angeles

Gepaid: CAL000144747
Contact: LYTE OPTRONICS INC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2019 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917540000
Gen County: Los Angeles
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: .8131
Facility County: Los Angeles

Gepaid: CAL000144747
Contact: LYTE OPTRONICS INC
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 2019 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917540000
Gen County: Los Angeles
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Waste oil and mixed oil
Disposal Method: Treatment, Tank
Tons: .1251
Facility County: Los Angeles

RCRAInfo:
Owner: AMERICAN XTAL TECHNOLOGY INC
(510) 683-5900
EPA ID: CAR000087692

Contact: DONALD HUDGIES
(626) 350-4886

Classification: Large Quantity Generator
TSDF Activities: Not reported

ALPHA PHOTONICS (Continued) **1004676637**

Violation Status: No violations found

11
ESE
1/8-1/4
980 ft.

SCE - MONTEBELLO SERVICE CNTR **UST** **U004050602**
1000 POTRERO GRANDE DR **N/A**
MONTEREY PARK, CA 91755

Relative:
Lower

Actual:
352 ft.

UST:
Region: STATE
Local Agency: 19000
Facility ID: 7315

C12
SSW
1/8-1/4
1153 ft.

GETTY SYNTHETIC FUELS INC **RCRA-SQG** **1000423357**
900 POTRERO GRANDE **FINDS** **CAD980895478**
MONTEREY PARK, CA 91754

Site 1 of 5 in cluster C

Relative:
Lower

Actual:
342 ft.

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD980895478

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

C13
SSW
1/8-1/4
1178 ft.

OPERATING INDUSTRIES, INC.
1000 POTRERO GRANDE DRIVE
MONTEREY PARK, CA

ODI

1007443879
N/A

Site 2 of 5 in cluster C

Relative:
Lower

Actual:
342 ft.

ODI:
Non Compliance Category: 06 07 08 11
Latitude: 34 02 00
Longitude: 118 05 00

C14
SSW
1/8-1/4
1178 ft.

SOUTHERN CALIFORNIA EDISON
1000 POTRERO GRANDE DR
MONTEREY PARK, CA

CA FID UST
SWEEPS UST

S101583010
N/A

Site 3 of 5 in cluster C

Relative:
Lower

Actual:
342 ft.

CA FID UST:
Facility ID: 19002218
Regulated By: UTNKA
Regulated ID: 00022217
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8180000000
Mail To: Not reported
Mailing Address: 1000 BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: MONTEREY PARK
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: A
Comp Number: 7315
Number: 9
Board Of Equalization: 44-007438
Ref Date: 06-30-89
Act Date: Not reported
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-007315-000001
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: 3

Status: A
Comp Number: 7315
Number: 9
Board Of Equalization: 44-007438
Ref Date: 06-30-89

SOUTHERN CALIFORNIA EDISON (Continued) **S101583010**

Act Date:	Not reported
Created Date:	06-30-89
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	19-000-007315-000002
Actv Date:	06-30-89
Capacity:	Not reported
Tank Use:	UNKNOWN
Stg:	W
Content:	Not reported
Number Of Tanks:	Not reported

Status:	A
Comp Number:	7315
Number:	9
Board Of Equalization:	44-007438
Ref Date:	06-30-89
Act Date:	Not reported
Created Date:	06-30-89
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	19-000-007315-000003
Actv Date:	06-30-89
Capacity:	Not reported
Tank Use:	UNKNOWN
Stg:	W
Content:	Not reported
Number Of Tanks:	Not reported

C15 **MONTEREY PARK DISTRICT OFF/SC** **HIST UST** **U001569893**
SSW **1000 POTRERO GRANDE DR** **N/A**
1/8-1/4 **MONTEREY PARK, CA 91754**
1178 ft.

Site 4 of 5 in cluster C

Relative:
Lower

Actual:
342 ft.

HIST UST:

Region:	STATE
Facility ID:	00000022217
Tank Num:	001
Container Num:	273
Year Installed:	Not reported
Tank Capacity:	00010000
Facility Type:	Other
Other Type:	ELECTRIC UTILITY
Total Tanks:	0003
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	None
Contact Name:	SUPERVISOR
Telephone:	8185721801
Owner Name:	SOUTHERN CALIFORNIA EDISON CO.
Owner Address:	2244 WALNUT GROVE AVENUE
Owner City,St,Zip:	ROSEMEAD, CA 91770

Region:	STATE
Facility ID:	00000022217
Tank Num:	002

MONTEREY PARK DISTRICT OFF/SC (Continued) **U001569893**

Container Num: 274
Year Installed: Not reported
Tank Capacity: 00000500
Facility Type: Other
Other Type: ELECTRIC UTILITY
Total Tanks: 0003
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: None
Contact Name: SUPERVISOR
Telephone: 8185721801
Owner Name: SOUTHERN CALIFORNIA EDISON CO.
Owner Address: 2244 WALNUT GROVE AVENUE
Owner City,St,Zip: ROSEMEAD, CA 91770

Region: STATE
Facility ID: 00000022217
Tank Num: 003
Container Num: 363
Year Installed: 1984
Tank Capacity: 00010000
Facility Type: Other
Other Type: ELECTRIC UTILITY
Total Tanks: 0003
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Stock Inventor
Contact Name: SUPERVISOR
Telephone: 8185721801
Owner Name: SOUTHERN CALIFORNIA EDISON CO.
Owner Address: 2244 WALNUT GROVE AVENUE
Owner City,St,Zip: ROSEMEAD, CA 91770

C16 **MONTEBELLO SERVICE CENTER** **LUST** **S101297592**
SSW **1000 POTRERO GRANDE DR** **Cortese** **N/A**
1/8-1/4 **MONTEREY PARK, CA 91755**
1178 ft.

Site 5 of 5 in cluster C

Relative:
Lower

Actual:
342 ft.

LUST:
Region: STATE
Case Type: Soil only
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global Id: T0603703289
Stop Date: Not reported
Confirm Leak: 1988-11-14 00:00:00
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported

MONTEBELLO SERVICE CENTER (Continued) **S101297592**

Remed Action: Not reported
Monitoring: Not reported
Close Date: 1996-09-25 00:00:00
Discover Date: Not reported
Enforcement Dt: Not reported
Release Date: 1989-12-27 00:00:00
Review Date: 1994-03-02 00:00:00
Enter Date: 1990-01-11 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 19
Org Name: Not reported
Reg Board: Los Angeles Region
Status: Case Closed
Chemical: Diesel
Contact Person: Not reported
Responsible Party: SOUTHERN CALIFORNIA EDISON
RP Address: 2244 WALNUT GROVE AVE, ROSEMEAD CA 91770
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: YR
Staff Initials: JA
Lead Agency: Regional Board
Local Agency: 19000
Hydr Basin #: SAN FERNANDO VALLEY
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: I-07315
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:
Region: 4
Staff: UNK
County: Los Angeles
Local Agency: 19000
Lead Agency: Regional Board
Case Type: Soil
Status: Case Closed
Substance: Diesel

MONTEBELLO SERVICE CENTER (Continued) **S101297592**

Cross Street:	Not reported
Global ID:	T0603703289
Enforcement Type:	Not reported
Date Leak Discovered:	Not reported
Date Leak Record Entered:	1/11/1990
How Leak Discovered:	Not reported
How Leak Stopped:	Not reported
Cause of Leak:	Not reported
Leak Source:	Not reported
Date Leak Stopped:	Not reported
Date Confirmation Began:	11/14/1988
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	3653.4974684225738641949883227
Abatement Method Used at the Site:	Not reported
Source of Cleanup Funding:	Not reported
Date Leak First Reported:	12/27/1989
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Date the Case was Closed:	9/25/1996
Date Case Last Changed on Database:	3/2/1994
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Regional Board:	04
Owner Contact:	Not reported
Responsible Party:	SOUTHERN CALIFORNIA EDISON
RP Address:	2244 WALNUT GROVE AVE, ROSEMEAD CA 91770
Program:	LUST
Lat/Long:	34.0399704 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Local Case No:	Not reported
Substance Quantity:	Not reported
Assigned Name:	Not reported
W Global ID:	Not reported
Summary:	Not reported

Cortese:

Region:	CORTESE
Facility Addr2:	1000 POTRERO GRANDE DR

17
SSW
1/8-1/4
1303 ft.

RESURRECTION CEMETERY
966 POTRERO GRANDE DR
ROSEMEAD, CA 91770

HIST UST

U001570506
N/A

Relative:
Lower

Actual:
342 ft.

HIST UST:

Region:	STATE
Facility ID:	00000060918
Tank Num:	001
Container Num:	GAS
Year Installed:	Not reported
Tank Capacity:	00001800
Facility Type:	Other
Other Type:	CEMETERY
Total Tanks:	0002
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	None
Contact Name:	GERALD ROBERTS
Telephone:	2137281231
Owner Name:	THE ROMAN CATHOLIC ARCHBISHOP
Owner Address:	1531 W. NINTH STREET
Owner City,St,Zip:	LOS ANGELES, CA 90012

Region:	STATE
Facility ID:	00000060918
Tank Num:	002
Container Num:	DIESEL
Year Installed:	Not reported
Tank Capacity:	00001800
Facility Type:	Other
Other Type:	CEMETERY
Total Tanks:	0002
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	Not reported
Leak Detection:	None
Contact Name:	GERALD ROBERTS
Telephone:	2137281231
Owner Name:	THE ROMAN CATHOLIC ARCHBISHOP
Owner Address:	1531 W. NINTH STREET
Owner City,St,Zip:	LOS ANGELES, CA 90012

D18
SSW
1/4-1/2
1568 ft.

OPERATING INDUSTRIES, INC.
900 POTRERO GRANDE DRIVE
MONTEREY PARK CA, CA 91754

WMUDS/SWAT
CA BOND EXP. PLAN

S100833436
N/A

Site 1 of 3 in cluster D

Relative:
Lower

Actual:
330 ft.

WMUDS/SWAT:

Edit Date:	19950126
Complexity:	Category A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility (particularly those with toxicwastes) with numerous discharge points, leak detection systems or ground water monitoring wells.
Primary Waste:	Solid Wastes
Primary Waste Type:	Hazardous/Influent or Solid Wastes that contain toxic, corrosive,

OPERATING INDUSTRIES, INC. (Continued) **S100833436**

ignitable or reactive substances and must be managed according to applicable DOHS standards.

Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	SB
NPID:	Not reported
Tonnage:	2900
Regional Board ID:	57-165
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Private
Agency Name:	OPERATING INDUSTRIES, INC.
Agency Department:	Not reported
Agency Address:	1749 POTRERO GRANDE DR. STE. E
Agency City,St,Zip:	MONTEREY PARK CA 91754
Agency Contact:	Not reported
Agency Telephone:	2137215996
Land Owner Name:	OPERATING INDUSTRIES, INC.
Land Owner Address:	2425 S. GARFIELD AVE
Land Owner City,St,Zip:	MONTEREY PARK, CA 91754
Land Owner Contact:	Not reported
Land Owner Phone:	2137215996
Region:	4
Facility Type:	Solid Waste Site-Class III - Landfills for non hazardous solid wastes.
Facility Description:	Not reported
Facility Telephone:	2137215996
SWAT Facility Name:	OPERATING INDUSTRIES INC.
Primary SIC:	4953
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	JHMJHMJHM
Waste Discharge System:	True
Solid Waste Assessment Test Program:	True
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	OPERATING INDUSTRIES INCORPORATED
Threat to Water Quality:	Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.
Sub Chapter 15:	True
Regional Board Project Officer:	Not reported
Number of WMUDS at Facility:	1
Section Range:	02S12W
RCRA Facility:	No
Waste Discharge Requirements:	Historical - Any regulated facility for which the Regional Board has rescinded all WDRs or consciously allowed an NPDES permit to expire.
Self-Monitoring Rept. Frequency:	Monthly Submittal
Waste Discharge System ID:	4B190332001
Solid Waste Information ID:	19-AM-0001

OPERATING INDUSTRIES, INC. (Continued) **S100833436**

CA BOND EXP. PLAN:

Reponsible Party:	NPL SITE CLEANUP WORKPLAN
Project Revenue Source Company:	Not reported
Project Revenue Source Addr:	Not reported
Project Revenue Source City,St,Zip:	Not reported
Project Revenue Source Desc:	EPA, with State participation, is negotiating with the PRP's for PRP financing of the site RI/FS. For purposes of this document, DHS is assuming that final remediation activities will be jointly funded by EPA and DHS.
Site Description:	The site is an inactive Class II landfill bounded by Highway 60 on the north and residential areas of the City of Montebello on the south and west.
Hazardous Waste Desc:	The site was permitted by the RWQCB in 1976 to receive liquid wastes. Wastes include lead compounds, chrome oxide, pigment sludge, refinery slop oil, emulsion solids, leaded tank bottoms, waste water from paint manufacturing, and caustic cleaning waste.
Threat To Public Health & Env:	Landfill gases including vinyl chloride and methane continue to migrate offsite and has been detected in residential water meter boxes and offsite probes and inside one home adjacent to the site. Leachate containing hazardous substances has been detected in monitoring wells in the center of the landfill. An unknown quantity of leachate has accumulated and poses a threat since it may migrate and thus threatens surface and ground water.
Site Activity Status:	An interagency committee consisting of 15 federal, State and local agencies is coordinating efforts to properly mitigate and close this site. The State agencies have filed suit to order Operating Industries, Inc., to undertake specific characterization and remedial actions. A preliminary injunction has been issued. Operating Industries, Inc., failed to provide proper financial assurances for closure and post-closure, claiming that funds are not available. Transportation offsite of leachate collected by the perimeter drain system was paid for by Operating Industries, Inc., until October, 1985. This task has since been paid for by EPA and DHS with emergency funds, at a cost of approximately $50,000 per month. EPA is conducting an RI/FS with review and oversight by DHS and other State agencies. In addition, the EPA ROD for an operable unit to control gas migration from the landfill was signed in September, 1988.

D19 **OPERATING INDUSTRIES, INC** **HAZNET** **S100460541**
SSW **900 POTRERO GRANDE** **Cortese** **N/A**
1/4-1/2 **MONTEREY PARK, CA 91754**
1568 ft.

Site 2 of 3 in cluster D

Relative: Lower

Actual: 330 ft.

HAZNET:

Gepaid:	CAD000300020
Contact:	OPERATING INDUSTRIES
Telephone:	0000000000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	P O BOX 7029
Mailing City,St,Zip:	CITY OF INDUSTRY, CA 917440000
Gen County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County:	Kings
Waste Category:	Contaminated soil from site clean-ups
Disposal Method:	Disposal, Land Fill
Tons:	.0000
Facility County:	Los Angeles

Gepaid:	CAD000300020

OPERATING INDUSTRIES, INC (Continued) **S100460541**

Contact: OPERATING INDUSTRIES
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P O BOX 7029
Mailing City,St,Zip: CITY OF INDUSTRY, CA 917440000
Gen County: Los Angeles
TSD EPA ID: CAD980883177
TSD County: Kern
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 2.9190
Facility County: Los Angeles

Gepaid: CAD000300020
Contact: OPERATING INDUSTRIES
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P O BOX 7029
Mailing City,St,Zip: CITY OF INDUSTRY, CA 917440000
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: .9174
Facility County: Los Angeles

Gepaid: CAD000300020
Contact: OPERATING INDUSTRIES
Telephone: 0000000000
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: P O BOX 7029
Mailing City,St,Zip: CITY OF INDUSTRY, CA 917440000
Gen County: Los Angeles
TSD EPA ID: Not reported
TSD County: 0
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 2.6688
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
-1 additional CA_HAZNET: record(s) in the EDR Site Report.

Cortese:
Region: CORTESE
Facility Addr2: Not reported

D20
SSW
1/4-1/2
1568 ft.

Relative:
Lower

Actual:
330 ft.

OPERATING INDUSTRIES LANDFILL
900 POTRERO GRANDE DR
MONTEREY PARK, CA 91754

HIST UST
ENVIROSTOR
HIST Cal-Sites

S106023105
N/A

Site 3 of 3 in cluster D

HIST UST:

Region:	STATE
Facility ID:	00000029520
Tank Num:	001
Container Num:	GST. #1
Year Installed:	1978
Tank Capacity:	00008000
Facility Type:	Other
Other Type:	LANDFILL
Total Tanks:	0006
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor
Contact Name:	CLAUDE WENDT
Telephone:	2137281765
Owner Name:	OPERATING INDUSTRIES
Owner Address:	2425 SOUTH GARFIELD AVENUE
Owner City,St,Zip:	MONTEREY PARK, CA 91754

Region:	STATE
Facility ID:	00000029520
Tank Num:	002
Container Num:	DST. #1
Year Installed:	1978
Tank Capacity:	00008000
Facility Type:	Other
Other Type:	LANDFILL
Total Tanks:	0006
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor
Contact Name:	CLAUDE WENDT
Telephone:	2137281765
Owner Name:	OPERATING INDUSTRIES
Owner Address:	2425 SOUTH GARFIELD AVENUE
Owner City,St,Zip:	MONTEREY PARK, CA 91754

Region:	STATE
Facility ID:	00000029520
Tank Num:	003
Container Num:	LCS #1
Year Installed:	1980
Tank Capacity:	00008000
Facility Type:	Other
Other Type:	LANDFILL
Total Tanks:	0006
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	1/4 inches
Leak Detection:	Visual
Contact Name:	CLAUDE WENDT

OPERATING INDUSTRIES LANDFILL (Continued) **S106023105**

Telephone: 2137281765
Owner Name: OPERATING INDUSTRIES
Owner Address: 2425 SOUTH GARFIELD AVENUE
Owner City,St,Zip: MONTEREY PARK, CA 91754

Region: STATE
Facility ID: 00000029520
Tank Num: 004
Container Num: LCS. #2
Year Installed: 1980
Tank Capacity: 00010000
Facility Type: Other
Other Type: LANDFILL
Total Tanks: 0006
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 1/4 inches
Leak Detection: Visual
Contact Name: CLAUDE WENDT
Telephone: 2137281765
Owner Name: OPERATING INDUSTRIES
Owner Address: 2425 SOUTH GARFIELD AVENUE
Owner City,St,Zip: MONTEREY PARK, CA 91754

Region: STATE
Facility ID: 00000029520
Tank Num: 005
Container Num: LCS. #3
Year Installed: 1980
Tank Capacity: 00003500
Facility Type: Other
Other Type: LANDFILL
Total Tanks: 0006
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 1/4 inches
Leak Detection: Visual
Contact Name: CLAUDE WENDT
Telephone: 2137281765
Owner Name: OPERATING INDUSTRIES
Owner Address: 2425 SOUTH GARFIELD AVENUE
Owner City,St,Zip: MONTEREY PARK, CA 91754

Region: STATE
Facility ID: 00000029520
Tank Num: 006
Container Num: LCS. #4
Year Installed: 1980
Tank Capacity: 00003500
Facility Type: Other
Other Type: LANDFILL
Total Tanks: 0006
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 1/4 inches
Leak Detection: Visual
Contact Name: CLAUDE WENDT

OPERATING INDUSTRIES LANDFILL (Continued) **S106023105**

Telephone: 2137281765
Owner Name: OPERATING INDUSTRIES
Owner Address: 2425 SOUTH GARFIELD AVENUE
Owner City,St,Zip: MONTEREY PARK, CA 91754

ENVIROSTOR:
Site Type: Federal Superfund
Site Type Detailed: State Response or NPL
Acres: 190
NPL: YES
Regulatory Agencies: SMBRP, US EPA
Lead Agency: US EPA
Program Manager: TEDD YARGEAU
Supervisor: Rita Kamat
Division Branch: So Cal - Glendale
Facility ID: 19490207
Site Code: 300110
Assembly: 49
Senate: 24
Special Program: EPA - Multi-Site Cooperative Agreement
Status: **Active**
Status Date: 1996-04-19 00:00:00
Restricted Use: NO
Funding: Responsible Party
Latitude: 34.0363
Longitude: -118.115138888889
Alias Name: 300110
CAT080012024
OPERATING INDUSTRIES, INC.
19490207
P31028
Alias Type: Project Code (Site Code)
EPA Identification Number
PCode
Calsites ID Number
Alternate Name
APN: NONE SPECIFIED
APN Description: Not reported
Comments: The Fifth Partial Consent Degree (CD5) is negotiatied by EPA and the State with a group of potentially responsible parties (PRPs), composed of prior nonsettlers and recently noticed major parties.This design plan approves the capping of the landfill with an additional four feet of monocover using the existing cap as a two foot foundation layer. The cap design also includes the establishment of native vegetation for monocover performance as wFinal cover for the entire South Parcel is completed.30 Design - Final Cover -- The final cap will consist of a four foot thick monocover with a native vegetative cover. The existing cap will act as a foundation for the monocover.The leachate treatment plant (included as Leachate Manage ment Operable Unit) is built on the north parcel of the site and consists of influent storage and equalization, biological reactors, chemical precipitation, sand filtration carbon absorption,Approval of the Final Design for the Landfill Gas Treatment System (LFGTS).The amended Gas Migration Control ROD at the site addresses the landfill gas (LFG) migration control and landfill cover. The major component of this amendment is the addition of landfill cover to the previously selected gas migration control remedy.The sixth partial Consent

OPERATING INDUSTRIES LANDFILL (Continued) **S106023105**

Decree requires GSF Energy (Air Products) to pay cleanup costs. DTSC can request reimbursement of unpaid past costs and future response costs.Landfill Gas Treatment system began operations replacing the flares. The LFGTS is capable of 99.99 Destruction & Removal Efficiency (DRE).ell as aesthetics.The major components of the Gas Migration Control ROD include: 1) landfill cover designed to reduce surface gas emissions and odors, prevent oxygen intrusion into the refuse, prevent surface water infiltration, provide erosion control, and improveeffluent storage and discharge, foul air system, storm water holding system and sludge disposal system. The plant started operation on September 13, 1994 and the first discharge into the sewer system occurred on November 9, 1994.site aesthetics; perimeter LFG extraction wells with placement focused on minimizing off site LFG migration; LFG extraction wells on the top deck of the landfill with placement focused on maximizing source control of LFG; shallow and deep slope wells with placement focused on reducing surface emissions and controlling intermediate to deep subsurface migration at the perimeter; integrated above-grade LFG headers and condensate sumps; LFG monitoring wells at the site boundary; upgraded thermal destruction facility for landfill gas; and pumps in appropriate gas wells with above-grade collection sumps to dewater saturated zones. The amended gas control remedial action will be integrated with the two additional operable units, Site Controland Monitoring, and Leachate Management, now being implemented.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial: Operating Properly & Successfully
Completed Date: / /
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design
Completed Date: / /
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design
Completed Date: / /
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: / /
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial: Operating Properly & Successfully
Completed Date: / /
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design
Completed Date: / /
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: / /
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: / /
Completed Area Name: PROJECT WIDE

OPERATING INDUSTRIES LANDFILL (Continued) **S106023105**

Completed Sub Area Name:	Not reported
Completed Document Type:	Consent Order
Completed Date:	/ /
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Consent Order
Completed Date:	/ /
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Consent Order
Completed Date:	/ /
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Consent Order
Completed Date:	/ /
Confirmed:	30022,30026,30027,30028
Confirmed Description:	Tetrachloroethylene (PCE)
Confirmed Description:	1,1,1-Trichloroethane (TCA)
Confirmed Description:	Trichloroethylene (TCE)
Confirmed Description:	Vinyl chloride
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Operations and Maintenance Report
Future Due Date:	2029
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Certification
Future Due Date:	2028
Media Affected:	30022, 30026, 30027, 30028
Media Affected Desc:	Not reported
Media Affected Desc:	Not reported
Media Affected Desc:	Not reported
Media Affected Desc:	Not reported
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	OTH, SOIL, SV, IA
Potenital Description:	Not reported
Potenital Description:	Not reported
Potenital Description:	Not reported
Potenital Description:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
PastUse:	LANDFILL - CONSTRUCTION, LANDFILL - DOMESTIC, LANDFILL - HAZARDOUS WASTE

HISTORICAL CAL-SITES:

Facility ID:	19490207
Region:	3
Region Name:	GLENDALE
Branch:	SA
Branch Name:	SO CAL - GLENDALE
File Name:	Not reported
State Senate District:	04191996
Status:	AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE

OPERATING INDUSTRIES LANDFILL (Continued) **S106023105**

Status Name:	ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency:	EPA
Lead Agency:	ENVIRONMENTAL PROTECTION AGENCY
Facility Type:	NPRP
Type Name:	NPL SITE, RP-FUNDED
NPL:	Listed
SIC Code:	49
SIC Name:	ELECTRIC, GAS & SANITARY SERVICES
Access:	Not reported
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Confirmed
Staff Member Responsible for Site:	TYARGEAU
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	LA
Region Water Control Board Name:	LOS ANGELES
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	49
State Senate District Code:	24

Click this hyperlink while viewing on your computer to access additional CA_CALSITE: detail in the EDR Site Report.

21
SW
1/4-1/2
2438 ft.

SCE - MESA SUBSTATION **LUST** **S104537935**
700 POTRERO GRANDE DR **LOS ANGELES CO. HMS** **N/A**
MONTEREY PARK, CA 91755

Relative:
Lower

Actual:
297 ft.

LUST:

Region:	STATE
Case Type:	Soil only
Cross Street:	GREENWOOD AVE
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	OM
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	Tank
Global Id:	T0601993710
Stop Date:	Not reported
Confirm Leak:	1999-07-09 00:00:00
Workplan:	2002-04-02 00:00:00
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	2001-10-02 00:00:00
Close Date:	2003-04-23 00:00:00
Discover Date:	1999-08-12 00:00:00
Enforcement Dt:	Not reported
Release Date:	2001-10-02 00:00:00
Review Date:	2002-09-26 00:00:00
Enter Date:	Not reported
MTBE Date:	Not reported

SCE - MESA SUBSTATION (Continued) **S104537935**

GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: 0.12
County: 19
Org Name: Not reported
Reg Board: Los Angeles Region
Status: Case Closed
Chemical: 12034, 80066
Contact Person: Not reported
Responsible Party: SOUTHERN CALIFORNIA EDISON
RP Address: P.O. BOX 800, ROSEMEAD, CA 91770
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 1
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: HSP
Staff Initials: R I
Lead Agency: Regional Board
Local Agency: 19000
Hydr Basin #: SAN FERNANDO VALLEY
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: R-12371
Qty Leaked: Not reported
Abate Method: Not reported
Operator: SOUTHERN CALIFORNIA EDISON
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Haz Mat incident report filed

LUST:
Region: 4
Staff: HSP
County: Los Angeles
Local Agency: 19000
Lead Agency: Regional Board
Case Type: Soil
Status: Case Closed
Substance: 12034, 80066
Cross Street: GREENWOOD AVE
Global ID: T0601993710
Enforcement Type: CLOS
Date Leak Discovered: 8/12/1999
Date Leak Record Entered: Not reported
How Leak Discovered: OM
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: Tank

SCE - MESA SUBSTATION (Continued) **S104537935**

Date Leak Stopped:	Not reported	
Date Confirmation Began:	7/9/1999	
Operator:	SOUTHERN CALIFORNIA EDISON	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		763.00349683133426666751652099
Abatement Method Used at the Site:		Not reported
Source of Cleanup Funding:		Not reported
Date Leak First Reported:		10/2/2001
Preliminary Site Assessment Workplan Submitted:		4/2/2002
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		10/2/2001
Date the Case was Closed:		4/23/2003
Date Case Last Changed on Database:		9/26/2002
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		13
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	=	
Organization:	Not reported	
Regional Board:	04	
Owner Contact:	Not reported	
Responsible Party:	SOUTHERN CALIFORNIA EDISON	
RP Address:	P.O. BOX 800, ROSEMEAD, CA 91770	
Program:	LUST	
Lat/Long:	34.035137 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Local Case No:	Not reported	
Substance Quantity:	Not reported	
Assigned Name:	Not reported	
W Global ID:	Not reported	
Summary:	Haz Mat incident report filed	

LOS ANGELES CO. HMS:

Region:	LA
Facility Id:	009002-012371
Facility Status:	Removed
Area:	3M
Permit Number:	00004028T
Permit Status:	Removed
Facility Type:	T0

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOS ANGELES COUNTY	S105642458	1X MCKESSON DRUG CO	2		HAZNET, LUST, CHMIRS
MONTEREY PARK	S106922945	ATHENS DISPOSAL	900 E POTRERO GRANDE	91755	SWEEPS UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/25/2007
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 03/12/2007
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 05/03/2007
Next Scheduled EDR Contact: 07/30/2007
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/27/2006
Date Data Arrived at EDR: 11/01/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 21

Source: EPA
Telephone: N/A
Last EDR Contact: 05/03/2007
Next Scheduled EDR Contact: 07/30/2007
Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/28/2006
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 03/12/2007
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 05/03/2007
Next Scheduled EDR Contact: 07/30/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 03/26/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/27/2007
Date Data Arrived at EDR: 03/21/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 37

Source: EPA
Telephone: 703-603-8960
Last EDR Contact: 03/21/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/20/2006
Date Data Arrived at EDR: 01/29/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 29

Source: EPA
Telephone: 703-603-8960
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/14/2007
Date Data Arrived at EDR: 03/20/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 38

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006
Date Data Arrived at EDR: 06/28/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 56

Source: EPA
Telephone: (415) 495-8895
Last EDR Contact: 05/04/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 01/24/2007
Date Made Active in Reports: 03/12/2007
Number of Days to Update: 47

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 04/24/2007
Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 11/28/2006
Date Data Arrived at EDR: 01/17/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 41

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/17/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/24/2007
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 04/04/2007
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/24/2007
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 05/11/2007
Next Scheduled EDR Contact: 08/06/2007
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 09/20/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 63

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 01/29/2007
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 04/04/2007
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/12/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 08/23/2006
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 35

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/23/2007
Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 03/27/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/27/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/08/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 82

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 03/20/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 06/22/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 62

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 04/27/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 04/16/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 02/26/2007
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 02/26/2007
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Quarterly

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/13/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 45

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/12/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: Annually

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/30/2007
Date Data Arrived at EDR: 01/31/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 05/03/2007
Next Scheduled EDR Contact: 07/30/2007
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 01/08/2007
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 3

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/11/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: No Update Planned

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/06/2006
Date Data Arrived at EDR: 02/02/2007
Date Made Active in Reports: 04/04/2007
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/16/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 03/26/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 02/14/2007
Date Data Arrived at EDR: 02/28/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 41

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/28/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Varies

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/17/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 43

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 05/11/2007
Next Scheduled EDR Contact: 08/06/2007
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/11/2007
Date Data Arrived at EDR: 01/26/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 32

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/15/2006
Date Data Arrived at EDR: 12/28/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 32

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/28/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/18/2007
Date Data Arrived at EDR: 01/23/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 35

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/13/2007
Number of Days to Update: 38

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/06/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/26/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: No Update Planned

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 02/27/2007
Date Data Arrived at EDR: 02/28/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 37

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/28/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 04/30/2007
Next Scheduled EDR Contact: 07/30/2007
Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/12/2007
Date Data Arrived at EDR: 03/15/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 22

Source: Integrated Waste Management Board
Telephone: 916-341-6320
Last EDR Contact: 03/15/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 03/19/2007
Date Data Arrived at EDR: 03/21/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 37

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 03/21/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 05/29/2001
Date Made Active in Reports: 07/26/2001
Number of Days to Update: 58

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 04/23/2007
Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/11/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 16

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 04/11/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 04/12/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 05/07/2007
Next Scheduled EDR Contact: 08/06/2007
Data Release Frequency: Varies

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 04/01/2007
Date Data Arrived at EDR: 04/25/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 15

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 04/25/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Quarterly

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 03/27/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 02/12/2007
Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 04/06/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Quarterly

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 04/10/2007
Date Data Arrived at EDR: 04/11/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 16

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 04/11/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/10/2007
Date Data Arrived at EDR: 04/11/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 16

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 04/11/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 04/06/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 02/12/2007
Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 04/23/2007
Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 04/05/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/06/2006
Date Data Arrived at EDR: 04/06/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 35

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 04/03/2007
Next Scheduled EDR Contact: 07/03/2007
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 03/13/2007
Date Data Arrived at EDR: 03/14/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 23

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 03/12/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Annually

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 04/10/2007
Date Data Arrived at EDR: 04/11/2007
Date Made Active in Reports: 05/03/2007
Number of Days to Update: 22

Source: SWRCB
Telephone: 916-480-1028
Last EDR Contact: 04/11/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Semi-Annually

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 02/05/2007
Date Data Arrived at EDR: 02/06/2007
Date Made Active in Reports: 03/21/2007
Number of Days to Update: 43

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 03/26/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 02/09/2007
Date Data Arrived at EDR: 02/09/2007
Date Made Active in Reports: 03/23/2007
Number of Days to Update: 42

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 04/30/2007
Next Scheduled EDR Contact: 07/30/2007
Data Release Frequency: Quarterly

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/23/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 42

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 04/12/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 04/03/2007
Date Data Arrived at EDR: 04/05/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 22

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/05/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 02/27/2007
Date Data Arrived at EDR: 02/28/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 37

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/28/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 04/18/2005
Date Data Arrived at EDR: 04/18/2005
Date Made Active in Reports: 05/06/2005
Number of Days to Update: 18

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 05/07/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 03/13/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 24

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 04/27/2007
Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 03/07/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/23/2007
Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: Varies

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 02/27/2007
Date Data Arrived at EDR: 02/28/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 37

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/28/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/20/2006
Date Made Active in Reports: 01/03/2007
Number of Days to Update: 44

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 05/11/2007
Next Scheduled EDR Contact: 08/06/2007
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 04/17/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 23

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 04/17/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: Varies

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 02/27/2007
Date Data Arrived at EDR: 02/28/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 37

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/28/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Quarterly

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 05/11/2007
Next Scheduled EDR Contact: 08/06/2007
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 12/01/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 59
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 10/04/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 35
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005
Date Data Arrived at EDR: 01/21/2005
Date Made Active in Reports: 02/28/2005
Number of Days to Update: 38
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 08/24/2006
Date Data Arrived at EDR: 09/11/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 58
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Semi-Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 02/19/2007
Date Data Arrived at EDR: 02/27/2007
Date Made Active in Reports: 04/04/2007
Number of Days to Update: 36
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/04/2007
Number of Days to Update: 34
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 02/21/2007
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/30/2007
Date Data Arrived at EDR: 03/30/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 28
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 01/11/2007
Date Data Arrived at EDR: 01/12/2007
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 17

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 10/04/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 35

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 08/24/2006
Date Data Arrived at EDR: 09/11/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 58

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 03/26/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 12/01/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 59

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004
Date Data Arrived at EDR: 12/29/2004
Date Made Active in Reports: 02/04/2005
Number of Days to Update: 37

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 02/19/2007
Date Data Arrived at EDR: 02/27/2007
Date Made Active in Reports: 04/04/2007
Number of Days to Update: 36

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/04/2007
Number of Days to Update: 34

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 04/24/2007
Date Data Arrived at EDR: 04/26/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 14

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/23/2007
Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/24/2007
Date Data Arrived at EDR: 04/26/2007
Date Made Active in Reports: 05/07/2007
Number of Days to Update: 11

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/23/2007
Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/27/2007
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 36

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 02/26/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/10/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 17

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 05/07/2007
Next Scheduled EDR Contact: 08/06/2007
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 04/13/2007
Date Data Arrived at EDR: 04/16/2007
Date Made Active in Reports: 05/07/2007
Number of Days to Update: 21

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 04/12/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 07/07/1999
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 05/16/2006
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/31/2007
Date Data Arrived at EDR: 04/12/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 15
Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 11/13/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 02/13/2007
Date Data Arrived at EDR: 03/09/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 28
Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 02/13/2007
Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31
Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 03/14/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 12/04/2006
Date Data Arrived at EDR: 01/09/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 15
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 02/12/2007
Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 12/14/2006
Date Data Arrived at EDR: 12/15/2006
Date Made Active in Reports: 01/23/2007
Number of Days to Update: 39
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/20/2007
Date Data Arrived at EDR: 02/21/2007
Date Made Active in Reports: 03/21/2007
Number of Days to Update: 28
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 02/12/2007
Next Scheduled EDR Contact: 05/14/2007
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 01/26/2007
Date Data Arrived at EDR: 02/20/2007
Date Made Active in Reports: 03/21/2007
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 04/30/2007
Next Scheduled EDR Contact: 07/30/2007
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/10/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 17

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 04/09/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/10/2007
Date Made Active in Reports: 04/24/2007
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 04/09/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 03/20/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 17

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/07/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 03/20/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 17

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/07/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 03/20/2007
Date Made Active in Reports: 04/12/2007
Number of Days to Update: 23

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/07/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

PLACER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 04/04/2007
Date Data Arrived at EDR: 04/05/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 22

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/06/2007
Date Data Arrived at EDR: 02/07/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 20

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 04/16/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 02/06/2007
Date Data Arrived at EDR: 02/07/2007
Date Made Active in Reports: 03/21/2007
Number of Days to Update: 42

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 04/16/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Contaminated Sites

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 01/31/2007
Date Data Arrived at EDR: 02/16/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 11

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 05/01/2007
Next Scheduled EDR Contact: 07/30/2007
Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 01/31/2007
Date Data Arrived at EDR: 02/15/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 12

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 05/01/2007
Next Scheduled EDR Contact: 07/30/2007
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 03/23/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 05/16/2005
Date Data Arrived at EDR: 05/18/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 29

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 04/05/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2006
Date Data Arrived at EDR: 01/03/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 21

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/29/2007
Date Data Arrived at EDR: 04/24/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 16

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 04/04/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 03/08/2007
Date Data Arrived at EDR: 03/13/2007
Date Made Active in Reports: 04/06/2007
Number of Days to Update: 24

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 03/08/2007
Date Data Arrived at EDR: 03/13/2007
Date Made Active in Reports: 04/12/2007
Number of Days to Update: 30

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 03/05/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 04/06/2007
Date Data Arrived at EDR: 04/10/2007
Date Made Active in Reports: 04/24/2007
Number of Days to Update: 14

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 04/02/2007
Next Scheduled EDR Contact: 04/16/2007
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 01/24/2007
Date Data Arrived at EDR: 01/25/2007
Date Made Active in Reports: 02/27/2007
Number of Days to Update: 33

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 04/09/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 04/11/2007
Date Data Arrived at EDR: 04/12/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 15

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 04/09/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/26/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/26/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 03/26/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Varies

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 04/03/2007
Date Data Arrived at EDR: 04/04/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 23

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/04/2007
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/26/2007
Date Data Arrived at EDR: 04/16/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 24

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/26/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/26/2007
Date Data Arrived at EDR: 04/18/2007
Date Made Active in Reports: 05/07/2007
Number of Days to Update: 19

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/26/2007
Next Scheduled EDR Contact: 06/25/2007
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/23/2007
Date Data Arrived at EDR: 04/24/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 16

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 04/23/2007
Next Scheduled EDR Contact: 07/23/2007
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 12/31/0005
Date Data Arrived at EDR: 01/05/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 26

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 05/04/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/28/2007
Date Data Arrived at EDR: 04/25/2007
Date Made Active in Reports: 05/10/2007
Number of Days to Update: 15

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/11/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 09/05/2006
Date Made Active in Reports: 10/05/2006
Number of Days to Update: 30

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/19/2007
Next Scheduled EDR Contact: 05/21/2007
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/28/2007
Date Data Arrived at EDR: 03/23/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 35

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/14/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 03/28/2007
Date Data Arrived at EDR: 04/24/2007
Date Made Active in Reports: 05/07/2007
Number of Days to Update: 13

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/10/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 02/05/2007
Date Data Arrived at EDR: 02/20/2007
Date Made Active in Reports: 03/21/2007
Number of Days to Update: 29

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 04/30/2007
Next Scheduled EDR Contact: 07/16/2007
Data Release Frequency: Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 03/16/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 04/01/2007
Date Data Arrived at EDR: 04/05/2007
Date Made Active in Reports: 05/08/2007
Number of Days to Update: 33

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/05/2007
Next Scheduled EDR Contact: 07/02/2007
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/26/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/05/2007
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 03/02/2007
Next Scheduled EDR Contact: 05/28/2007
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 81

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/16/2007
Next Scheduled EDR Contact: 06/11/2007
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/12/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 03/19/2007
Next Scheduled EDR Contact: 06/18/2007
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 04/24/2007
Next Scheduled EDR Contact: 07/09/2007
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

GE COMMERCIAL FINANCE- BANK OF THE WEST
1977 SATURN STREET
MONTEREY PARK, CA 91755

TARGET PROPERTY COORDINATES

Latitude (North):	34.04000 - 34° 2' 24.0''
Longitude (West):	118.1127 - 118° 6' 45.7''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	397288.0
UTM Y (Meters):	3766954.8
Elevation:	377 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	34118-A1 EL MONTE, CA
Most Recent Revision:	1994
West Map:	34118-A2 LOS ANGELES, CA
Most Recent Revision:	1994

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

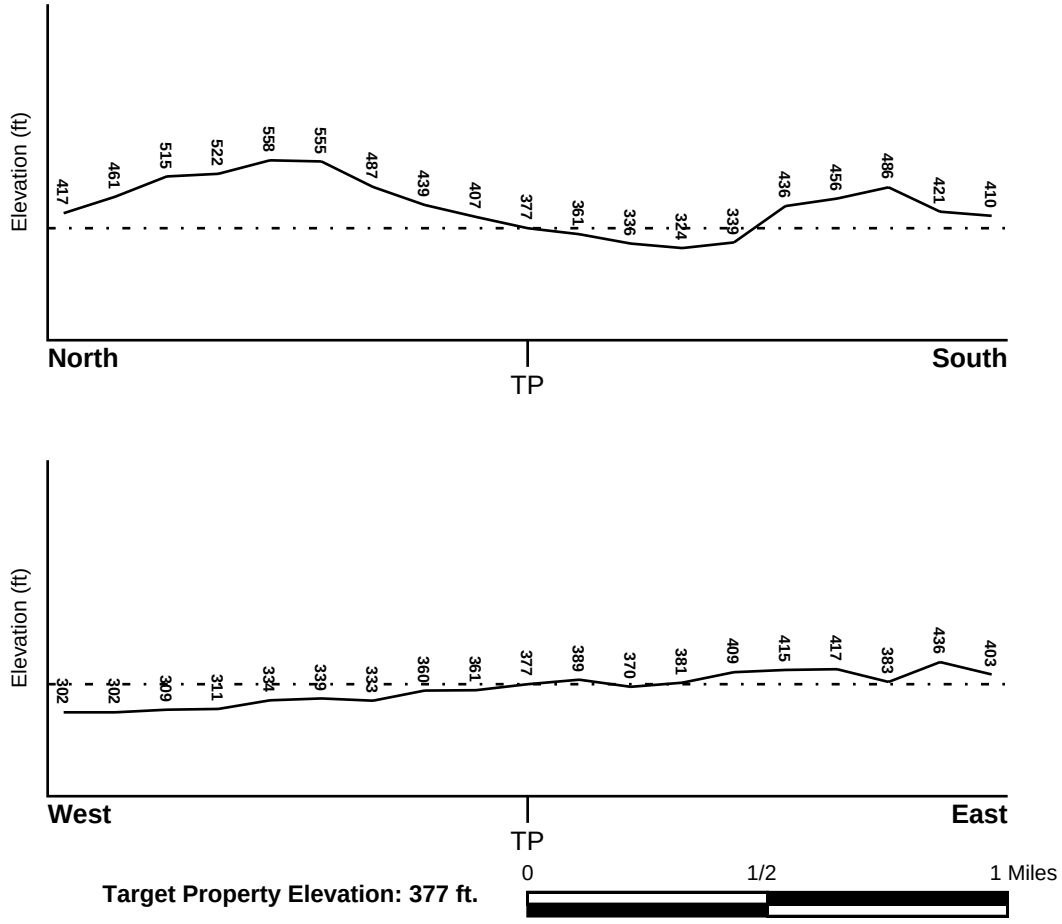
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
LOS ANGELES, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0650470000A

Additional Panels in search area: 0650430850B
0601410001B

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
EL MONTE	Not Available

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Tertiary
Series:	Pliocene
Code:	Tp *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:
sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Surficial Soil Types:
sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Shallow Soil Types:
fine sandy loam
gravelly - loam
sandy clay
sandy clay loam
clay
silty clay
sand

Deeper Soil Types:
gravelly - sandy loam
sandy loam
very gravelly - sandy loam
stratified
very fine sandy loam
weathered bedrock
sand
gravelly - fine sandy loam
silty clay loam
clay loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
3	USGS3160484	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	2782	1/2 - 1 Mile SSW
2	22851	1/2 - 1 Mile NNW

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

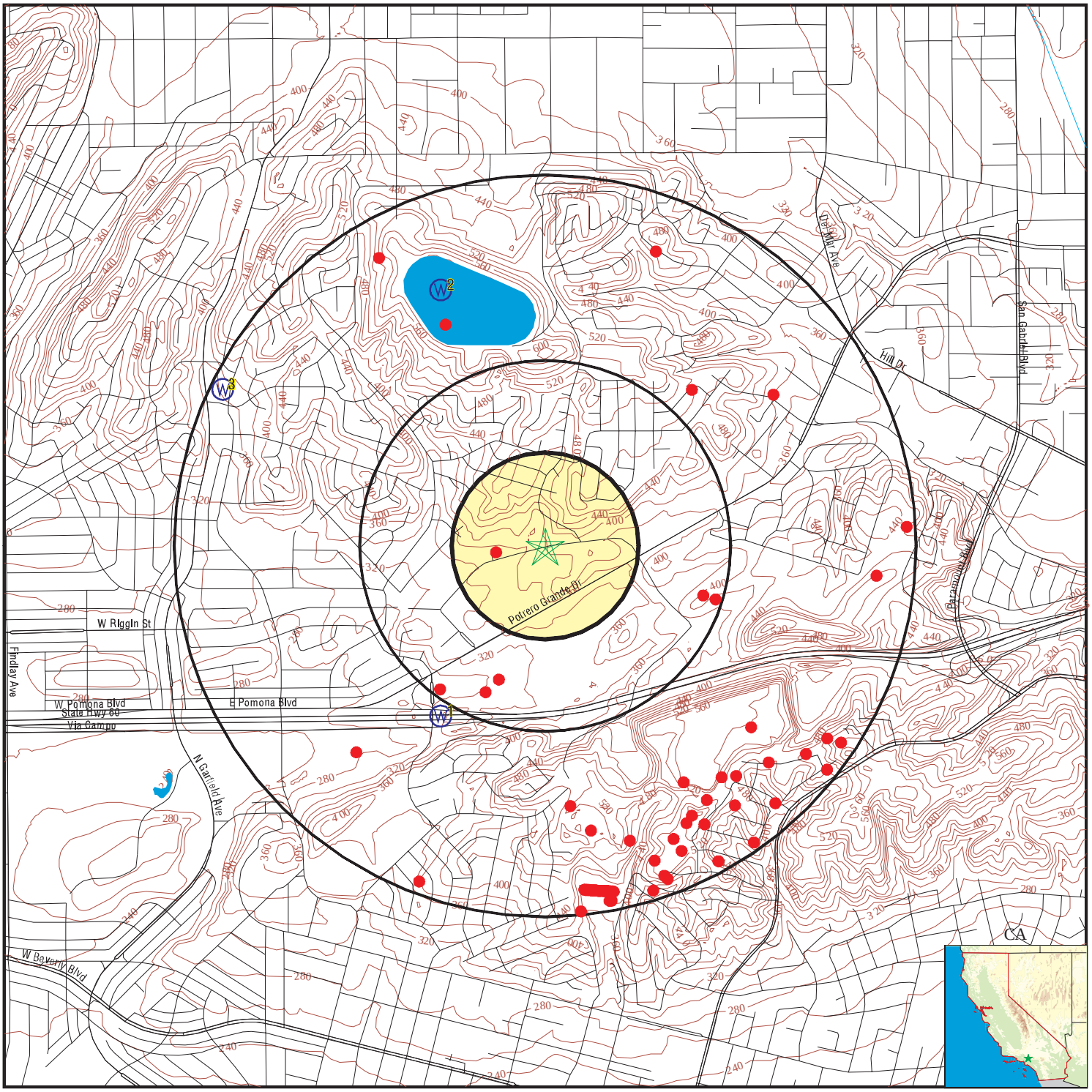
DISTANCE FROM TP (Miles)	DISTANCE FROM TP (Miles)
1/2 - 1 Mile NNE	1/2 - 1 Mile NNW
1/2 - 1 Mile NNW	1/2 - 1 Mile NE
1/2 - 1 Mile ENE	1/2 - 1 Mile East
1/8 - 1/4 Mile West	1/2 - 1 Mile East
1/4 - 1/2 Mile ESE	1/4 - 1/2 Mile ESE
1/4 - 1/2 Mile SSW	1/4 - 1/2 Mile SW
1/4 - 1/2 Mile SSW	1/2 - 1 Mile SE
1/2 - 1 Mile SE	1/2 - 1 Mile ESE
1/2 - 1 Mile SW	1/2 - 1 Mile SE
1/2 - 1 Mile SE	1/2 - 1 Mile SE
1/2 - 1 Mile SE	1/2 - 1 Mile SE
1/2 - 1 Mile SSE	1/2 - 1 Mile SSE
1/2 - 1 Mile SE	1/2 - 1 Mile SE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

DISTANCE FROM TP (Miles)	DISTANCE FROM TP (Miles)
1/2 - 1 Mile South	1/2 - 1 Mile SSE
1/2 - 1 Mile SSE	1/2 - 1 Mile SSE
1/2 - 1 Mile South	1/2 - 1 Mile SSE
1/2 - 1 Mile SSE	1/2 - 1 Mile SE
1/2 - 1 Mile SSE	1/2 - 1 Mile SSE
1/2 - 1 Mile SSE	1/2 - 1 Mile SSE
1/2 - 1 Mile SSE	1/2 - 1 Mile SSW
1/2 - 1 Mile South	1/2 - 1 Mile South
1/2 - 1 Mile South	1/2 - 1 Mile South
1/2 - 1 Mile South	1/2 - 1 Mile South
1/2 - 1 Mile South	1/2 - 1 Mile South
1/2 - 1 Mile South	1/2 - 1 Mile South
1/2 - 1 Mile South	1/2 - 1 Mile South
1/2 - 1 Mile SSE	1/2 - 1 Mile South
1/2 - 1 Mile South	1/2 - 1 Mile South
1/2 - 1 Mile South	1/2 - 1 Mile South
1/2 - 1 Mile South	1/2 - 1 Mile South
1/2 - 1 Mile South	1/2 - 1 Mile South
1/2 - 1 Mile South	1/2 - 1 Mile South
1/2 - 1 Mile South	1/2 - 1 Mile South
1/2 - 1 Mile South	1/2 - 1 Mile South
1/2 - 1 Mile South	1/2 - 1 Mile South
1/2 - 1 Mile South	1/2 - 1 Mile South
1/2 - 1 Mile South	1/2 - 1 Mile South
1/2 - 1 Mile South	1/2 - 1 Mile South
1/2 - 1 Mile South	

PHYSICAL SETTING SOURCE MAP - 1926306.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

0 1/4 1/2 1 Miles

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

N

SITE NAME:	GE Commercial Finance- Bank of the West	CLIENT:	Bureau Veritas North America,
ADDRESS:	1977 Saturn Street Monterey Park CA 91755	CONTACT:	Mary Lun
LAT/LONG:	34.0400 / 118.1127	INQUIRY #:	1926306.2s
		DATE:	May 11, 2007 6:24 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SSW
1/2 - 1 Mile
Lower

CA WELLS **2782**

Water System Information:

Prime Station Code:	02S/12W-03C01 S	User ID:	4TH
FRDS Number:	1910117002	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	340200.0 1180700.0	Precision:	Undefined
Source Name:	GOLF WELL - DESTROYED		
System Number:	1910117		
System Name:	MONTEBELLO-CITY, WATER DEPT.		
Organization That Operates System:			
	1720 NORTH FIRST STREET		
	SAN JOSE, CA 95112		
Pop Served:	6500	Connections:	1617
Area Served:	MONTEBELLO		

2
NNW
1/2 - 1 Mile
Higher

CA WELLS **22851**

Water System Information:

Prime Station Code:	G19/092-SYSTM02	User ID:	4TH
FRDS Number:	1910092016	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Distribution System Sample Point Treated
Source Lat/Long:	340300.0 1180700.0	Precision:	1 Mile (One Minute)
Source Name:	1980 CLOVER DR. - SYSTEM SAMPLE SITE		
System Number:	1910092		
System Name:	MONTEREY PARK-CITY, WATER DEPT.		
Organization That Operates System:			
	320 W NEWMARK ST		
	MONTEREY PARK, CA 91754		
Pop Served:	59000	Connections:	12103
Area Served:	MONTEREY PARK		

3
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS3160484**

Agency cd:	USGS	Site no:	340246118073701
Site name:	001S012W34C005S		
Latitude:	340246		
Longitude:	1180737	Dec lat:	34.0461224
Dec lon:	-118.1278477	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	037
Country:	US	Land net:	Not Reported
Location map:	LOS ANGELES	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Los Angeles. California. Area = 819 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	9479335800		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

NNE
1/2 - 1 Mile | **OIL_GAS** | **CA10027810**

Apinumber:	03705660	Operator:	G. Everett Miller
Lease:	Garvey Hills South Unit	Well no:	1
Field:	LOS ANGELES COUNTY	Cagaso m3 area:	Not Reported
Map:	W1-5	Status cod:	007
Source:	hud		
Latitude:	34.051507		
Longitude:	-118.106594		
Td:	3879	Sec:	26
Twn:	1S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

NNW
1/2 - 1 Mile | **OIL_GAS** | **CA10027780**

Apinumber:	03705157	Operator:	ARCO Western Energy
Lease:	Garvey Hills	Well no:	1
Field:	LOS ANGELES COUNTY	Cagaso m3 area:	Not Reported
Map:	W1-5	Status cod:	007
Source:	hud		
Latitude:	34.051254		
Longitude:	-118.119602		
Td:	3860	Sec:	27
Twn:	1S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

NNW
1/2 - 1 Mile | **OIL_GAS** | **CA10027688**

Apinumber:	03705702	Operator:	Monte Cristo Petroleum Co.
Lease:	Ramsey, Bass & Goodknight Garvey	Well no:	1
Field:	LOS ANGELES COUNTY	Cagaso m3 area:	Not Reported
Map:	W1-5	Status cod:	006
Source:	hud		
Latitude:	34.048643		
Longitude:	-118.116479		
Td:	5425	Sec:	27
Twn:	1S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

NE
1/2 - 1 Mile | **OIL_GAS** | **CA10027654**

Apinumber:	03706201	Operator:	Union Oil Co. of California
Lease:	Valley View	Well no:	1
Field:	LOS ANGELES COUNTY	Cagaso m3 area:	Not Reported
Map:	W1-5	Status cod:	006
Source:	hud		
Latitude:	34.046092		
Longitude:	-118.104904		
Td:	3422	Sec:	35
Twn:	1S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

ENE
1/2 - 1 Mile | **OIL_GAS** | **CA10027650**

Apinumber:	03705700	Operator:	Rice Ranch Oil Co.
Lease:	Not Reported	Well no:	1
Field:	LOS ANGELES COUNTY	Cagaso m3 area:	Not Reported
Map:	W1-5	Status cod:	006
Source:	hud		
Latitude:	34.045904		
Longitude:	-118.101072		
Td:	3714	Sec:	35
Twn:	1S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

East
1/2 - 1 Mile | **OIL_GAS** | **CA10027609**

Apinumber:	03720701	Operator:	Cities Service Oil Co.
Lease:	Resurrection Cemetery	Well no:	1
Field:	LOS ANGELES COUNTY	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	006
Source:	hud		
Latitude:	34.040737		
Longitude:	-118.094808		
Td:	0	Sec:	36
Twn:	1S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

West
1/8 - 1/4 Mile | **OIL_GAS** | **CA10027596**

Apinumber:	03720192	Operator:	Bradford Bishop
Lease:	Monterey Park	Well no:	1
Field:	LOS ANGELES COUNTY	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	006
Source:	hud		
Latitude:	34.039736		
Longitude:	-118.114104		
Td:	0	Sec:	35
Twn:	1S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

East
1/2 - 1 Mile | **OIL_GAS** | **CA10027566**

Apinumber:	03706000	Operator:	ChevronTexaco
Lease:	Stocker-Merced	Well no:	3
Field:	LOS ANGELES COUNTY	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	006
Source:	hud		
Latitude:	34.038821		
Longitude:	-118.096227		
Td:	0	Sec:	36
Twn:	1S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

ESE
1/4 - 1/2 Mile | **OIL_GAS** | **CA10027562**

Apinumber:	03705583	Operator:	Lodico Oil Co.
Lease:	North Montebello	Well no:	1
Field:	LOS ANGELES COUNTY	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	006
Source:	hud		
Latitude:	34.038047		
Longitude:	-118.104368		
Td:	0	Sec:	35
Twn:	1S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

ESE
1/4 - 1/2 Mile | **OIL_GAS** | **CA10027560**

Apinumber:	03720748	Operator:	Delta Petroleum Co.
Lease:	Wheeler	Well no:	1
Field:	LOS ANGELES COUNTY	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	006
Source:	hud		
Latitude:	34.037898		
Longitude:	-118.103792		
Td:	0	Sec:	35
Twn:	1S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

SSW
1/4 - 1/2 Mile | **OIL_GAS** | **CA10027506**

Apinumber:	03712269	Operator:	Baldwin-Stocker Oil Estates
Lease:	Not Reported	Well no:	3
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	006
Source:	hud		
Latitude:	34.034756		
Longitude:	-118.113974		
Td:	0	Sec:	35
Twn:	1S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

SW
1/4 - 1/2 Mile | **OIL_GAS** | **CA10027499**

Apinumber:	03705799	Operator:	Repetto Hills Petroleum Corp.
Lease:	Not Reported	Well no:	1
Field:	LOS ANGELES COUNTY	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	006
Source:	hud		
Latitude:	34.034378		
Longitude:	-118.116736		
Td:	0	Sec:	34
Twn:	1S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

SSW
1/4 - 1/2 Mile | **OIL_GAS** | **CA10027492**

Apinumber:	03705181	Operator:	ARCO Western Energy
Lease:	Tri City	Well no:	1
Field:	LOS ANGELES COUNTY	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	006
Source:	hud		
Latitude:	34.034263		
Longitude:	-118.114596		
Td:	0	Sec:	35
Twn:	1S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

SE
1/2 - 1 Mile | **OIL_GAS** | **CA10027456**

Apinumber:	03711939	Operator:	ChevronTexaco
Lease:	Wheeler	Well no:	1
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	006
Source:	hud		
Latitude:	34.032895		
Longitude:	-118.102116		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

SE
1/2 - 1 Mile | **OIL_GAS** | **CA10027432**

Apinumber:	03711944	Operator:	ChevronTexaco
Lease:	Wheeler	Well no:	101
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	014
Source:	hud		
Latitude:	34.032456		
Longitude:	-118.098543		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

ESE
1/2 - 1 Mile | **OIL_GAS** | **CA10027423**

Apinumber:	03710850	Operator:	ChevronTexaco
Lease:	Baldwin	Well no:	133
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	014
Source:	hud		
Latitude:	34.032294		
Longitude:	-118.097894		
Td:	0	Sec:	1
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

SW
1/2 - 1 Mile | **OIL_GAS** | **CA10027372**

Apinumber:	03720378	Operator:	Bradford Bishop
Lease:	Biship-Mpl	Well no:	1
Field:	LOS ANGELES COUNTY	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	007
Source:	hud		
Latitude:	34.031914		
Longitude:	-118.120671		
Td:	0	Sec:	3
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

SE
1/2 - 1 Mile | **OIL_GAS** | **CA10027361**

Apinumber:	03710853	Operator:	ChevronTexaco
Lease:	Baldwin	Well no:	136
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	014
Source:	hud		
Latitude:	34.03185		
Longitude:	-118.099543		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction Distance	Database	EDR ID Number

SE
1/2 - 1 Mile **OIL_GAS** **CA10027336**

Apinumber:	03710854	Operator:	ChevronTexaco
Lease:	Baldwin	Well no:	137
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	148
Source:	hud		
Latitude:	34.031518		
Longitude:	-118.101295		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

SE
1/2 - 1 Mile **OIL_GAS** **CA10027321**

Apinumber:	03710827	Operator:	ChevronTexaco
Lease:	Baldwin	Well no:	107
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	014
Source:	hud		
Latitude:	34.031235		
Longitude:	-118.09855		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

SE
1/2 - 1 Mile **OIL_GAS** **CA10027309**

Apinumber:	03710852	Operator:	ChevronTexaco
Lease:	Baldwin	Well no:	135
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	014
Source:	hud		
Latitude:	34.030988		
Longitude:	-118.102821		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction Distance	Database	EDR ID Number

SE
1/2 - 1 Mile **OIL_GAS** **CA10027306**

Apinumber:	03711942	Operator:	ChevronTexaco
Lease:	Wheeler	Well no:	5
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	110
Source:	hud		
Latitude:	34.030936		
Longitude:	-118.103503		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

SSE
1/2 - 1 Mile **OIL_GAS** **CA10027296**

Apinumber:	03711915	Operator:	ChevronTexaco
Lease:	Stocker-Merced	Well no:	2
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	006
Source:	hud		
Latitude:	34.03074		
Longitude:	-118.105292		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

SSE
1/2 - 1 Mile **OIL_GAS** **CA10027268**

Apinumber:	03711940	Operator:	ChevronTexaco
Lease:	Wheeler	Well no:	3
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	014
Source:	hud		
Latitude:	34.030046		
Longitude:	-118.104202		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

SE
1/2 - 1 Mile | **OIL_GAS** | **CA10027259**

Apinumber:	03712067	Operator:	ChevronTexaco
Lease:	Baldwin	Well no:	49
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	014
Source:	hud		
Latitude:	34.029923		
Longitude:	-118.100983		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

SE
1/2 - 1 Mile | **OIL_GAS** | **CA10027252**

Apinumber:	03712354	Operator:	ChevronTexaco
Lease:	Baldwin	Well no:	4
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	014
Source:	hud		
Latitude:	34.029836		
Longitude:	-118.102881		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027249**

Apinumber:	03712553	Operator:	Continental Development of Calif., In
Lease:	Monterey	Well no:	2
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	014
Source:	hud		
Latitude:	34.029808		
Longitude:	-118.11061		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

SSE
1/2 - 1 Mile | **OIL_GAS** | **CA10027214**

Apinumber:	03712268	Operator:	Baldwin-Stocker Oil Estates
Lease:	Not Reported	Well no:	2
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	014
Source:	hud		
Latitude:	34.029435		
Longitude:	-118.104903		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	?	District:	1

SSE
1/2 - 1 Mile | **OIL_GAS** | **CA10027201**

Apinumber:	03711941	Operator:	ChevronTexaco
Lease:	Wheeler	Well no:	4
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	014
Source:	hud		
Latitude:	34.029142		
Longitude:	-118.105156		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

SSE
1/2 - 1 Mile | **OIL_GAS** | **CA10027199**

Apinumber:	03710851	Operator:	ChevronTexaco
Lease:	Baldwin	Well no:	134
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	148
Source:	hud		
Latitude:	34.029095		
Longitude:	-118.104314		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction Distance	Database	EDR ID Number

South
1/2 - 1 Mile **OIL_GAS** **CA10027178**

Apinumber:	03723898	Operator:	Continental Development of Calif., In
Lease:	Monterey	Well no:	1
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	006
Source:	hud		
Latitude:	34.02885		
Longitude:	-118.109647		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

SSE
1/2 - 1 Mile **OIL_GAS** **CA10027151**

Apinumber:	03711945	Operator:	ChevronTexaco
Lease:	Wheeler	Well no:	102
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	014
Source:	hud		
Latitude:	34.02852		
Longitude:	-118.105764		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

SSE
1/2 - 1 Mile **OIL_GAS** **CA10027145**

Apinumber:	03711943	Operator:	ChevronTexaco
Lease:	Wheeler	Well no:	6
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	006
Source:	hud		
Latitude:	34.028454		
Longitude:	-118.107819		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

SE
1/2 - 1 Mile | **OIL_GAS** | **CA10027138**

Apinumber:	03712372	Operator:	ChevronTexaco
Lease:	Baldwin	Well no:	21
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	014
Source:	hud		
Latitude:	34.028387		
Longitude:	-118.10199		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

SSE
1/2 - 1 Mile | **OIL_GAS** | **CA10027119**

Apinumber:	03710849	Operator:	ChevronTexaco
Lease:	Baldwin	Well no:	132
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	014
Source:	hud		
Latitude:	34.028055		
Longitude:	-118.105389		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

SSE
1/2 - 1 Mile | **OIL_GAS** | **CA10027099**

Apinumber:	03711914	Operator:	ChevronTexaco
Lease:	Stocker-Merced	Well no:	1
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	014
Source:	hud		
Latitude:	34.027675		
Longitude:	-118.106656		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

SSE
1/2 - 1 Mile | **OIL_GAS** | **CA10027096**

Apinumber:	03710861	Operator:	ChevronTexaco
Lease:	Baldwin	Well no:	146
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	014
Source:	hud		
Latitude:	34.027653		
Longitude:	-118.103659		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

SSE
1/2 - 1 Mile | **OIL_GAS** | **CA10027053**

Apinumber:	03710856	Operator:	ChevronTexaco
Lease:	Baldwin	Well no:	140
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	014
Source:	hud		
Latitude:	34.027083		
Longitude:	-118.1062		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

SSE
1/2 - 1 Mile | **OIL_GAS** | **CA10027038**

Apinumber:	03710779	Operator:	ChevronTexaco
Lease:	Baldwin	Well no:	60
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	014
Source:	hud		
Latitude:	34.026953		
Longitude:	-118.106036		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

SSW
1/2 - 1 Mile | **OIL_GAS** | **CA10027032**

Apinumber:	03711911	Operator:	ChevronTexaco
Lease:	M.P.L. 2	Well no:	1
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	006
Source:	hud		
Latitude:	34.026858		
Longitude:	-118.117717		
Td:	0	Sec:	3
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027022**

Apinumber:	03721485	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	22- 1
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026537		
Longitude:	-118.109956		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027021**

Apinumber:	03721484	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	21- 2
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026532		
Longitude:	-118.109914		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027020**

Apinumber:	03700053	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	6-4
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026529		
Longitude:	-118.109815		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027019**

Apinumber:	03721931	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	23-3
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026528		
Longitude:	-118.109862		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027018**

Apinumber:	03700550	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	7-5
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026527		
Longitude:	-118.109765		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027017**

Apinumber:	03712768	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	1-6
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	021
Source:	gps		
Latitude:	34.026522		
Longitude:	-118.109711		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027016**

Apinumber:	03721150	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	18- 7
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026519		
Longitude:	-118.10966		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027015**

Apinumber:	03721152	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	17- 9
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026515		
Longitude:	-118.109562		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027014**

Apinumber:	03700054	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	8-8
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026513		
Longitude:	-118.109611		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027013**

Apinumber:	03712769	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	2-10
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026513		
Longitude:	-118.109512		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027012**

Apinumber:	03700055	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	9-11
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026511		
Longitude:	-118.109469		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027011**

Apinumber:	03721151	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	16-12
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026508		
Longitude:	-118.109417		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

SSE
1/2 - 1 Mile | **OIL_GAS** | **CA10027009**

Apinumber:	03712593	Operator:	Continental Development of Calif., In
Lease:	Monterey	Well no:	46
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	014
Source:	hud		
Latitude:	34.026504		
Longitude:	-118.106718		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027008**

Apinumber:	03721483	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	20-13
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026503		
Longitude:	-118.109367		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027007**

Apinumber:	03712773	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	10-15
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026498		
Longitude:	-118.109267		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027006**

Apinumber:	03712772	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	5-14
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	053
Source:	gps		
Latitude:	34.026496		
Longitude:	-118.109317		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027005**

Apinumber:	03712774	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	11-16
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026495		
Longitude:	-118.109218		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

Direction
Distance | Database | EDR ID Number

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027004**

Apinumber:	03700526	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	12-17
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026491		
Longitude:	-118.109168		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027003**

Apinumber:	03712770	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	3-18
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026489		
Longitude:	-118.109072		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027002**

Apinumber:	03700631	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	14-22
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026487		
Longitude:	-118.10887		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027001**

Apinumber:	03722200	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	28-19
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	130
Source:	gps		
Latitude:	34.026486		
Longitude:	-118.109021		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10027000**

Apinumber:	03700056	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	13-20
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026482		
Longitude:	-118.10897		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10026998**

Apinumber:	03712771	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	4-21
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026479		
Longitude:	-118.108924		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

Direction
Distance | Database | EDR ID Number

South
1/2 - 1 Mile | **OIL_GAS** | **CA10026997**

Apinumber:	03721482	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	19-23
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026475		
Longitude:	-118.108821		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10026996**

Apinumber:	03721945	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	24-24
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	014
Source:	gps		
Latitude:	34.026471		
Longitude:	-118.108769		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10026995**

Apinumber:	03721973	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	26-26
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.02647		
Longitude:	-118.108673		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

Direction
Distance | Database | EDR ID Number

South
1/2 - 1 Mile | **OIL_GAS** | **CA10026993**

Apinumber:	03721972	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	25-25
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026464		
Longitude:	-118.10872		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10026991**

Apinumber:	03722199	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	27-27
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	017
Source:	gps		
Latitude:	34.026463		
Longitude:	-118.108622		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10026992**

Apinumber:	03700057	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	15-28
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	119
Source:	gps		
Latitude:	34.026463		
Longitude:	-118.108578		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

South
1/2 - 1 Mile | **OIL_GAS** | **CA10026936**

Apinumber:	03721918	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	OB
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	067
Source:	gps		
Latitude:	34.026111		
Longitude:	-118.108733		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10026934**

Apinumber:	03721919	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	OC
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	067
Source:	gps		
Latitude:	34.026108		
Longitude:	-118.108774		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

South
1/2 - 1 Mile | **OIL_GAS** | **CA10026933**

Apinumber:	03721917	Operator:	Southern California Gas Co.
Lease:	Mgs	Well no:	OA
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	067
Source:	gps		
Latitude:	34.026107		
Longitude:	-118.108682		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	Not Reported	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction
Distance | Database | EDR ID Number

South
1/2 - 1 Mile | **OIL_GAS** | **CA10026917**

Apinumber:	03721916	Operator:	Southern California Gas Co.
Lease:	Drillsite	Well no:	OWW-1
Field:	MONTEBELLO	Cagaso m3 area:	Not Reported
Map:	103	Status cod:	066
Source:	hud		
Latitude:	34.025689		
Longitude:	-118.110116		
Td:	0	Sec:	2
Twn:	2S	Rge:	12W
Bm:	SB	X coord:	0
Y coord:	0	Zone:	Not Reported
Spuddate:	Not Reported	Abanddate:	Not Reported
Comments:	A	District:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
91755	2	0	0.00

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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June 26, 2007

Ms. Trish Bars
GE COMMERCIAL FINANCE – BUSINESS PROPERTY CORPORATION
10900 NE 4th Street, Suite 500
Bellevue, Washington 98004

Bureau Veritas Project No. 33107-007245

Subject: Limited Subsurface Investigation Report
for Two 10,000-gallon Diesel USTs
at 1977 Saturn Street, Monterey Park, California

Dear Ms. Bars:

Bureau Veritas North America, Inc. (Bureau Veritas) prepared this Limited Subsurface Investigation Report (Report) for the investigation activities conducted in the vicinity of two 10,000-gallon diesel Underground Storage Tanks (USTs) located at 1977 Saturn Street in Monterrey Park, Los Angeles County, California (the Site). The activities were conducted to assess possible diesel impacted soil in the vicinity of the USTs at the Site.

INTRODUCTION

In May 2007, Ms. Trish Bars, GE Commercial Finance – Business Property Corporation, retained Bureau Veritas to conduct a Phase I Environmental Site Assessment of Bank of the West located at the Site. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the Site, except for the following:

- The Site has three USTs (two 10,000-gallon and one 2,000-gallon diesel tanks). The two 10,000-gallon single-walled fiberglass tanks were installed in 1980. The 2,000-gallon steel double-walled fiberglass coating tank was installed in 1991. The 10,000-gallon tanks were last tightness tested in February 1997. Old piping was removed in September 2006 and replaced with double-walled piping. At the time of piping removal, soil samples were collected beneath the piping and low concentrations of diesel (12 and 15 mg/kg) were detected. No further investigation was recommended.

  A Veeder Root Monitoring system was installed to detect and log leaks in the tanks and pipes at the Site. In addition, monthly visual UST tank inspections are conducted. The USTs passed the most recent Secondary Containment Testing conducted in October 2006. However, because the two 10,000-gallon tanks are over ten years old and the last tightness test was conducted in 1997, additional soil sampling around the tanks and tightness testing are recommended.

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Health, Safety and Environmental Services
1565 MacArthur Boulevard
Costa Mesa CA 92626
Main : (714) 431.4100
Fax : (714) 825.0685
www.us.bureauveritas.com

At the request of the client, Bureau Veritas conducted a Limited Subsurface Investigation to determine if any diesel product was released from the USTs.

SCOPE OF WORK

The following discussion details the results of Bureau Veritas' scope of work at the Site.

To assess if diesel impacted soil exists in the vicinity of the two 10,000 gallon USTs, Bureau Veritas conducted a limited subsurface investigation in June 2007 consisting of drilling five soil borings in the four corners of the two 10,000 gallon diesel USTs. One soil boring (BVSB-5) was eliminated due to refusal at 8 feet bgs and only four borings successfully completed.

GEOPHYSICAL SURVEY

On June 6, 2007 Bureau Veritas notified Underground Service Alert (USA) to identify buried utilities at the Site. Bureau Veritas retained Subsurface Surveys & Associates, Inc. of Carlsbad, California (SSS) to provide a geophysical survey on June 11, 2007. The purpose of the geophysical survey was to identify the location of the two USTs and identify any subsurface anomalies that may be encountered during drilling activities. An electromagnetic (EM), analog magnetic and ground penetrating radar (GPR) geophysical survey was conducted on accessible areas of the Site. A copy of the geophysical survey report is provided in Attachment A.

SOIL SAMPLING

On June 11, 2007, Bureau Veritas conducted the subsurface investigation to collect soil samples at the Site. Kehoe Testing & Engineering (KTE) of Huntington Beach, California provided a truck-mounted Geoprobe™ 6600 to perform the task.

The Geoprobe™ was used to drill borings BVSB1 through BVSB-5. Soils were continuously screened every four feet from a Macro-Core sampler to a total depth of 18 ft bgs. Groundwater was not encountered during drilling. Soil samples were collected to 18 ft bgs.

The soil samples were collected in 2-inch by 6-inch brass rings. After the sample rings were removed from the sampler, the middle sample ring was immediately sealed with Teflon® film and capped with a plastic cap. All samples were immediately labeled, stored in a cooler with ice, and recorded on a chain-of-custody. The top and bottom rings

collected at each sample interval were used to record the soil lithology. Refusal was reached at all boring locations due to dense sands and clay and weathered granite. A complete soil description is described in the soil boring logs in Attachment B. Figure 2 shows the location of soil borings BVSB-1 through BVSB-5.

Diesel staining was observed in soil at approximately 14 feet below grade surface (bgs) in BVSB-1. According to Mr. Joe Robelo, Chief Engineer, an approximately five gallon quantity of diesel fuel was released during a re-piping modification project in 1991 in the area of BVSB-1. According to Mr. Robelo, the contractor cleaned up the release. No further information on this incident is available at this time.

BVSB-5, located between the USTs and the building foundation, encountered refusal at 8 feet bgs. Weathered granite rock was encountered throughout the depth of the boring therefore, no soil samples were collected from BVSB-5.

ANALYTICAL RESULTS

The soil samples were submitted to American Scientific Laboratories, LLC of Los Angeles, a California State Certified laboratory. All soil samples were analyzed for Total Petroleum hydrocarbons (TPH) Diesel Range Organics (DRO) and Oil Range Organics (ORO) using USEPA Method 8015M.

No TPH OROs were detected at concentrations above the laboratory detection limits in any of the soil samples collected from Boring BVSB-1 through BVSB-4.

No TPH DROs were detected at concentrations above the laboratory detection limits in the soil samples collected from the BVSB-2 through BVSB-4. However, BVSB-1 - 14.5’-15’ and BVSB-1 - 17.5’-18’ contained concentrations of TPH DRO of 658 mg/kg and 238 mg/kg, respectively.

The soil analytical results are summarized in Tables 1. Copies of the laboratory reports and chain-of-custody records for the soil samples are provided in Attachment C.

CONCLUSIONS AND RECOMMENDATIONS

Based upon the analytical results of the soil samples collected at the Site, Bureau Veritas formulated the following conclusions:

- The analytical results of soil samples collected during the UST investigation at the Site indicate that TPH DROs are only present in BVSB-1 - 14.5'15' and BVSB-1 - 17.5'-18'. TPH DROs were detected in these samples at concentrations of 658 mg/kg and 238 mg/kg, respectively. No other soil borings contained any detectable concentrations of TPH.

Typically regulatory agencies in Southern California use 1,000 mg/kg as cleanup criteria for TPH in the diesel and oil range. Therefore, based on our assessment of soil in the UST area, no further investigation is recommended at the Site.

Should you have questions regarding this report, please contact Brad Mullner at 714.431.4100 or Trevor Donaghu at 925.426.2625.

Sincerely,
Bureau Veritas North America, Inc.

Brad Mullner
Project Manager
Environmental Services
Los Angeles Regional Office

Trevor Donaghu, REA
Manager, National Acocunts
National Programs

ES/GV:dh

Enclosures:

- Table 1 - Summary of Soil Sample Analytical Results
- Figure 1 - Site Vicinity Map
- Figure 2 - Boring Locations
- Attachment A - Geophysical Survey Report
- Attachment B - Soil Boring Logs
- Attachment C - Laboratory Analytical Data Sheets and Chain-of-Custody Forms

TABLES

Table 1

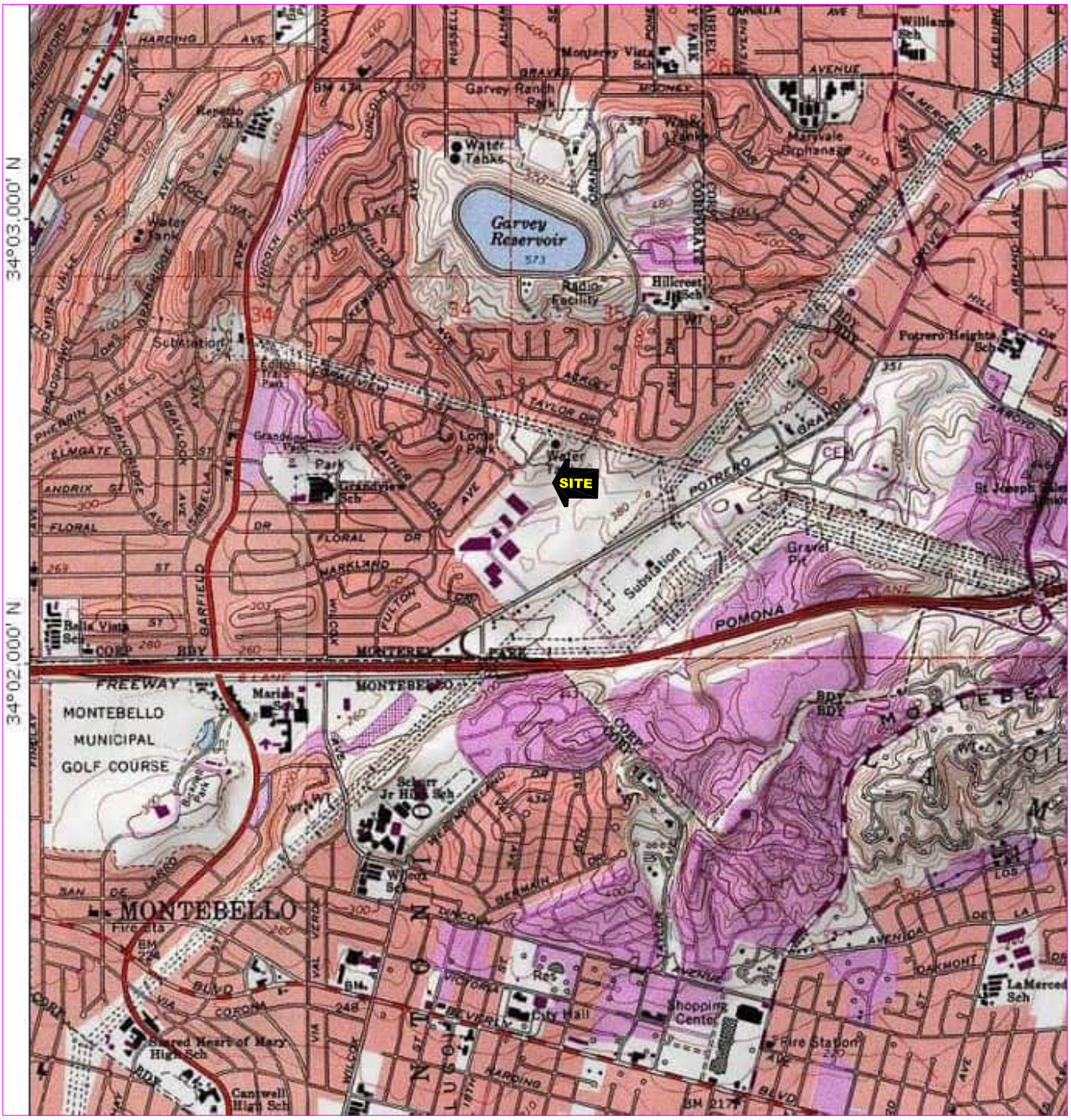
Summary of Soil Sample Analytical Results for
1977 Saturn Street, Monterey Park, CA

Analyte	US EPA Method	Sample Number					General Clean up Criteria
		BVSB-1 - 14.5' - 15' (mg/kg)	BVSB-1 - 17.5' - 18' (mg/kg)	BVSB-2 - 17.5' - 18' (mg/kg)	BVSB-3 - 17.5' - 18' (mg/kg)	BVSB-4 - 15.5' - 16' (mg/kg)	
TPH-DRO's (mg/Kg) (C10 to C28)	8015B	658	238	<10	<10	<10	*
TPH-ORO's (mg/Kg) (C28+)	8015B	<50	<50	<50	<50	<50	*

Notes:
PQL - Practical Quantitation Limit
TRPH: Total Recoverable Petroleum Hydrocarbons
TPH-DRO's: Total Petroleum Hydrocarbons as Diesel Range Organics
TPH-ORO's: Total Petroleum Hydrocarbons as Oil Range Organics
mg/Kg: milligrams per kilogram
µg/Kg: micrograms per kilogram
* = 1,000 mg/kg is a generality determined by So. Cal. Regulators for diesel range hydrocarbons
PRG-R: U.S. EPA Region 9 Preliminary Remediation Goals for Residential Soil
PRG-I: U.S. EPA Region 9 Preliminary Remediation Goals for Industrial Soil
18 - Number in bold indicates detected concentrations

BUREAU VERITAS

FIGURES



SCALE 1: 24,000

1 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

NORTH

Portion of 7.5–minute Series (Topographic) Map
United States Department of the Interior
Geological Survey
El Monte, California Quadrangle 1991 Photorevised 1994

CAL

QUADRANGLE LOCATION

Bureau Veritas North America, Inc.
Health, Safety and Environmental Services
1565 MacArthur Boulevard
Costa Mesa, CA 92626

Main: (714) 431-4100
Fax: (714) 825-0685
www.us.bureauveritas.com

DATE:	05/07
DRAWN BY:	ML
CHECKED BY:	SG
PROJECT NO.:	25006–006193.00
CAD NO:	25006–006193–00–1

SITE VICINITY MAP

GE COMMERCIAL FINANCE
BANK OF THE WEST
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA

FIGURE

1

ATTACHMENT A

GEOPHYSICAL SURVEY REPORT

SubSurface Surveys
& Associates, Inc.
An Applied Geophysical Company

2075 Corte Del Nogal, Suite W
Carlsbad, CA 92011
Office: (760) 476-0492
Fax: (760) 476-0493

June 13, 2007

Bureau Veritas
1565 MacArthur Boulevard
Costa Mesa, California 92626

Project/Invoice No. 07-282

Attn: Brad Mullner

Re: Geophysical Investigation, 1977 Saturn St, Monterey Park, California, UST Search.

This report is to present the results of our geophysical survey carried out over portions of property located at 1977 Saturn Street in Monterey Park, California (Fig. 1) on June 11, 2007. The purpose of the survey was to locate and delineate, insofar as possible, two active underground fuel storage tanks (UST) and associated vent and product lines. A secondary objective was to clear 5 proposed boreholes for any detectable lines, conduits, or utilities.

A combination of electromagnetic induction (EM), gradient magnetometer, and ground penetrating radar (GPR), were applied to the search. A utility locator with line tracing capabilities was also brought to the field and used where risers existed onto which a signal could be impressed and traced.

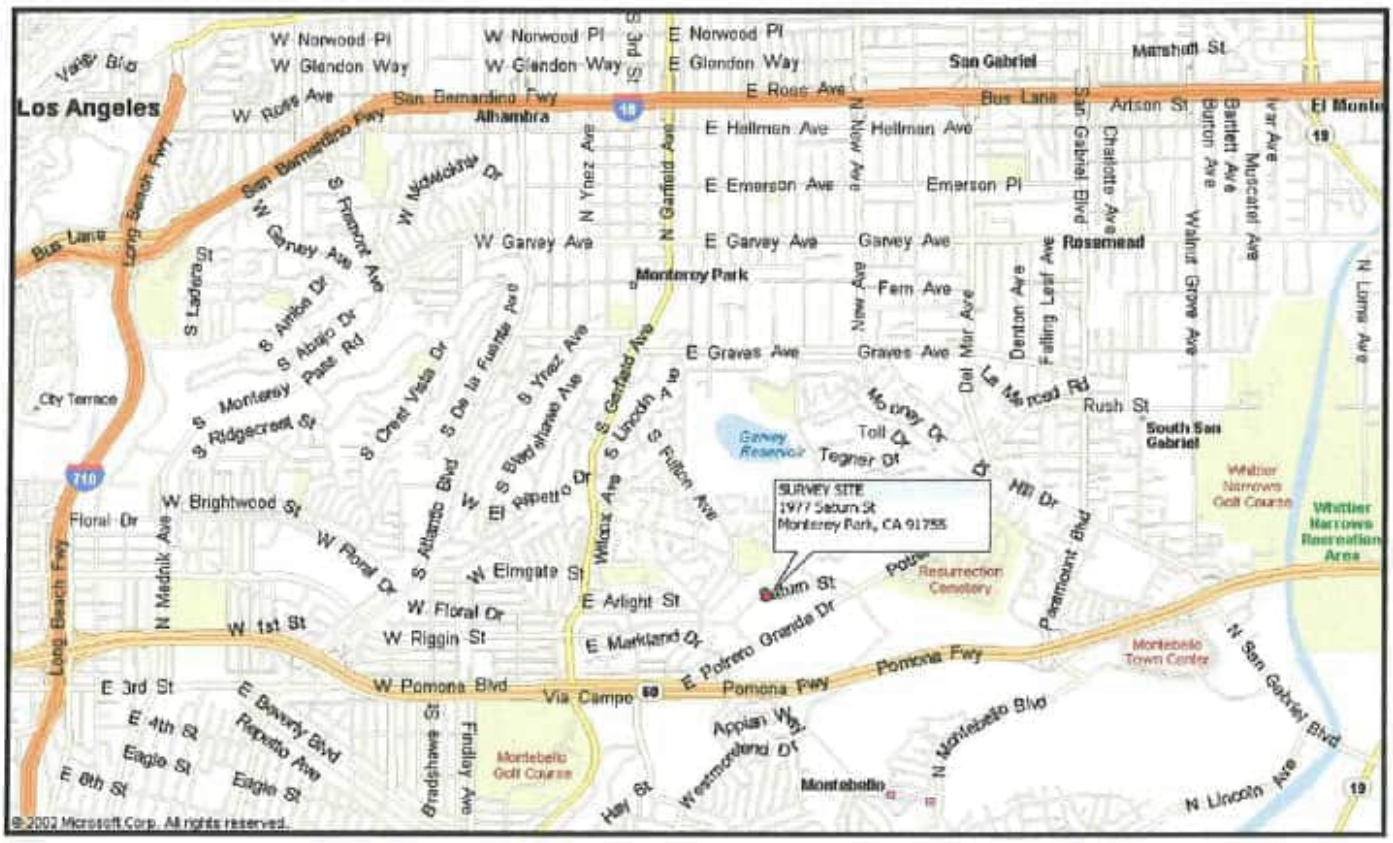


Figure 1

Multiple methods were utilized because each instrument senses different material properties of the ground and buried objects. At any given site the situation (geology and cultural) may be such that one or more of the instruments may record excessive "noise", the ground may not provide sufficient contrasts, or there may be overlapping anomalies for a given instrument to be effective. Summarily stated, there are generally instrumental limits and interpretational impediments.

Survey Design – The site to be surveyed was indicated in the field by the client and included a raised reinforced concrete pad surrounded by an asphalt parking lot on three sides and landscaping with shrubbery on the fourth. In situations such as this, particularly with the presence of reinforced concrete, the best use of time is achieved by systematically "cross-traversing" with the instruments while monitoring them continuously to determine which responses are significant and due to true subsurface targets, and which are due to other interfering features and must be ignored. Where applicable, the GPR and cesium were traversed systematically over the area in organized directions where space allowed, and in this area the only significant obstruction was the adjacent shrubbery. Over adjacent non-reinforced areas the EM devices were also used to confirm various anomalies. The delineation of the UST's and the detecting of the five proposed boreholes were both surveyed in this fashion.

A Geonics model EM61 and a Fischer M-Scope was used for the EM sampling. A Sensors & Software Noggin Gpr and Penetrating Radar unit produced the radar images. The gradient magnetometer was a Schonstedt GA-52, and a Radiodetection RD4000 Pipe utility locator rounded out the tools applied.

Brief Description of the Geophysical Methods Applied – The M-scope TW-6 devices energize the ground by producing an alternating primary magnetic field with an current in the transmitting coil. If conducting materials are within the area of influence of the primary field, then eddy currents are induced to flow in the conductors. A receiving coil senses the secondary magnetic field produced by these eddy currents. The strength of the secondary field is a function of the conductivity of the object, say a pipe, tank or cluster of drums, its size, and its depth and position relative to the instrument's two coils. Conductive objects, to a depth of approximately 10 feet are sensed. Also the devices are somewhat focused, that is, they are more sensitive to conductors below (and also by the instrument) than to conductors off to the side.

The EM61 instrument is a high resolution, time-domain device for detecting buried conductive objects. It consists of a powerful transmitter that generates a pulsed, primary magnetic field when its coils are energized, which induces eddy currents in nearby conductive objects. The decay of the eddy currents, following the input pulse, is measured by the coils, which in turn serve as receiver coils. The decay rate is measured for two coils, mounted concentrically, one above the other. By making the measurements at relatively long time intervals (measured in milliseconds) after termination of the primary pulse, the response is nearly independent of the electrical conductivity of the ground. Thus, the instrument is a super-sensitive metal detector. Due to its unique coil arrangement, the response curve is a single well-defined positive peak directly over a buried conductive object. This facilitates quick and accurate location of targets. Conductive objects to a depth of approximately 11 feet can be detected.

The gradient magnetometer has two flux gate magnetic field sensors that are passed closely to and over the ground. When not in close proximity to a magnetic object, that is, only in the earth's field, the instrument emits a sound signal at a low frequency. When the instrument passes over a buried ferrous or steel object, or other local source of a high magnetic gradient, the frequency of the emitted sound increases.

The frequency is a function of the gradient between the two sensors.

The line locator is used to passively detect energized high voltage electric lines and electrical conduit (50-60 Hz). VLF signals (15-25 kHz), as well as to actively trace other utilities. Where risers are present, the utility locator transmitter can be connected directly to the object, and a signal (9.5-82 kHz) is sent traveling along the conductive pathway. Otherwise, the transmitter can be used to impress an input signal on the utility by induction. In either case, the receiver unit is tuned to the input signal, and is used to actively trace the signal along the pipe's surface projection.

The GPR instrument beams energy into the ground from its transducer antenna in the form of electromagnetic waves. A portion of this energy is reflected back at the subsurface boundary or subsurface across which there is an electrical contrast. The instrument produces a continuous record of the reflected energy as the antenna is traversed across the ground surface. The greater the electrical contrast, the higher the amplitude of the returned energy. The radar wave travels at a velocity unique to the material properties of the ground being investigated, and when these velocities are known, the two-way travel times can be converted to depth. The depth penetration and in turn the resolution produced are a function of ground electrical conductivity and dielectric constant.

Interpretation and Conclusions - Interpretation took place in real time as the survey progressed, and accordingly, the findings of our investigation were reported to the client at the conclusion of the survey, painted on the ground cover at the survey site, and documented with photographs of our findings (Figs. 2-5).

The limits of the USTs were delineated using orange spray chalk. Both are situated side-by-side with their long axis oriented northeast-southwest as shown in all photographs. Their northwestern-most ends appear to extend past the concrete pad and into the asphalt parking lot, and their southeastern-most ends abut against shrubbery.

The vent lines, marked in yellow spray chalk, approach from the southwest towards the tank pit's south corner (Fig. 5). The product and vapor return lines appear to gather at the tanks' northwest end and continue northwest in a single 2 foot wide corridor (Fig. 4). Portions of product line also appear to extend past the USTs' northeast ends as shown in Figures 2 and 3, before gathering at the northwest end. The far limits of all product and vapor return conduits are also depicted with yellow spray chalk where they appear to extend past the USTs.

The backfilled excavation in which the USTs are buried was also observed with GPR and was marked out with white spray chalk.

A southwest-northeast oriented irrigation water line, marked in blue, and an electric line, marked in red, were found running past the southeast ends of the USTs within the adjoining landscaping. The precise location of the electric line is somewhat uncertain, however, since it is located in an area where waist-high shrubbery exists. Nevertheless, the electric line appears to be quite small, running parallel with the irrigation water line, and possibly associated with the sprinkler control system.

Lastly, five proposed boreholes were located approximate to the tank pit's corner and additionally cleared. They were marked out in white and a yellow "SSS" indicating that each had been checked by company personnel. Note that the fifth borehole was located in the shrubbery southeast of both the USTs and the

water and electric lines, and its location is indicated in Figure 3.

SubSurface Surveys and Associates' professional personnel are trained and experienced and have completed thousands of projects since the company's inception in 1988. It is our policy to work diligently to bring this training and experience to bear to acquire quality data sets, which in turn, can provide clues useful in formulating our interpretations. Still, non-uniqueness of interpretations, methodological limitations, and non-target interferences are prevailing problems. SubSurface Surveys and Associates make no guarantee either expressed or implied regarding the accuracy of the interpretations presented. And, in no event will Subsurface Surveys and Associates be liable for any direct, indirect, special, incidental, or consequential damages resulting from data sets, interpretations and opinions presented herewith.

All data acquired in these surveys are in confidential file in this office, and are available for review by your staff, or by us at your request, at any time. We appreciate the opportunity to participate in this project. Please call, if there are questions.



Travis Crosby, GP# 1044
Senior Geophysicist

SITE PHOTOGRAPHS

1977 Saturn Street
Monteray Park, California

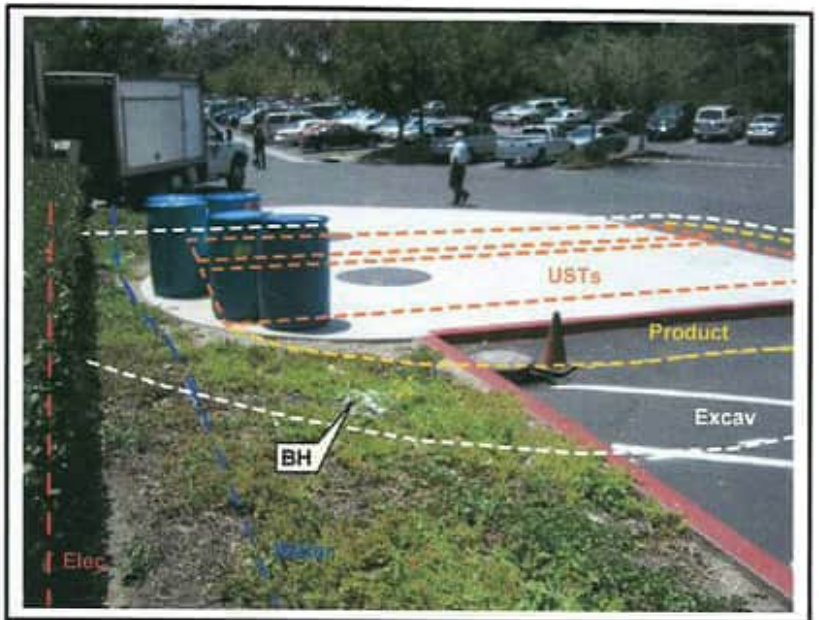


FIGURE 2

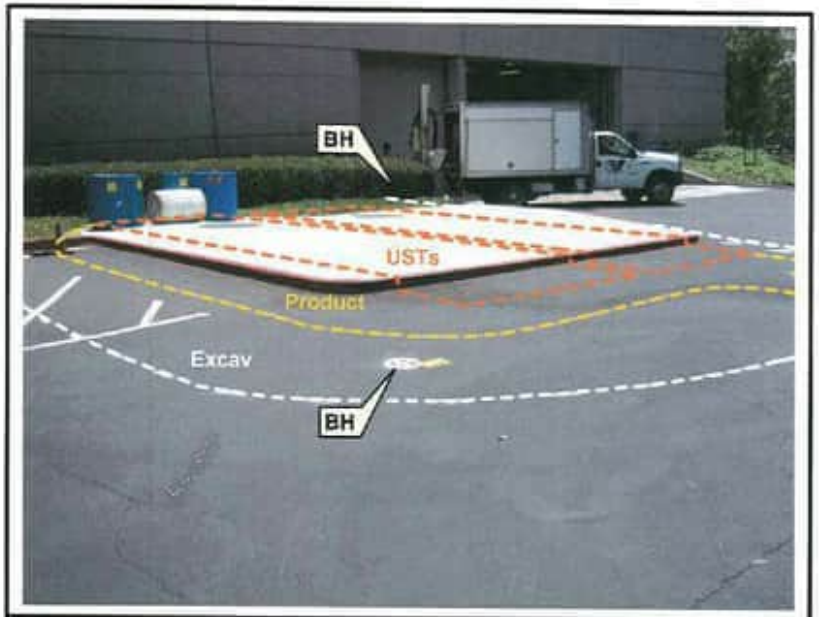


FIGURE 3

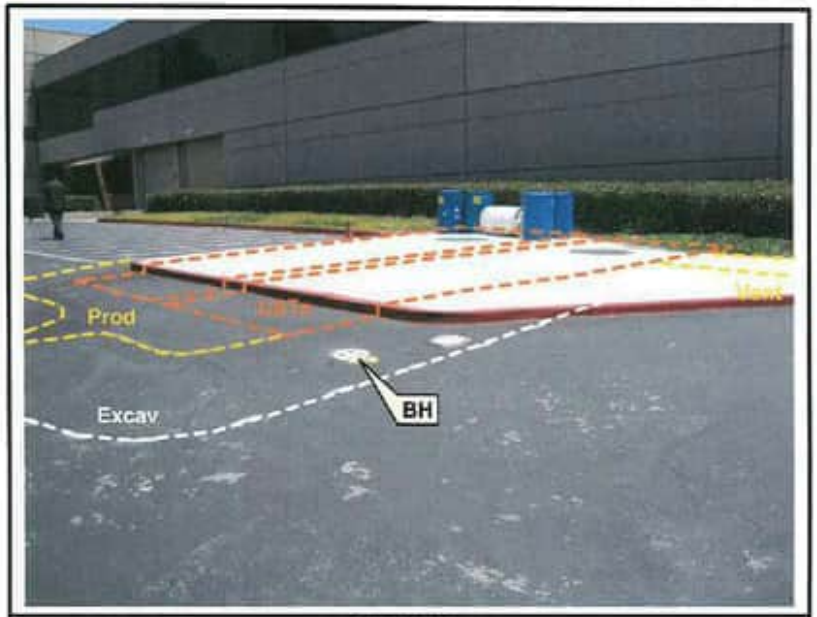


FIGURE 4



FIGURE 5

ATTACHMENT B

SOIL BORING LOGS

BORING NO: BVSB-1	**PROJECT NO: 33107-007245**	**PROJECT NAME: Monterrey Park**
BORING LOCATION: SW corner		**COORDINATES: NA**
DRILLING CO: Kehoe Testing & Engineering		**DRILLER: Sheridan**
DRILLING EQUIP: truck-mounted Geoprobe 6600		**BOREHOLE DIA: 2"**
START DATE: 6/11/07	**FINISH DATE: 6/11/07**	**LOGGED BY: Brad Mullner**
START TIME (hours): 14:00	**FINISH TIME (hours): 14:45**	**CHECKED BY: BM**

DEPTH (ft / m)	DESCRIPTION	GRAPHIC	SAMPLES: INTERVAL	SAMPLE NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID (PPM): SCAN	PID (PPM): HEADSPACE	REMARKS
0 / 0	**Asphalt**										
	Gravel Pea gravel					CC			0.0		
2											
4						CC			0.0		
6 / 2											
8						CC			0.0		
10											
12						CC			0.0		
14 / 4											
	Sand (SP) Black, dense, moist, fine to medium sand			BVSB-1-14.5-15	6"	CC			87.7		
16						CC					
	Sandy Silt (ML) Brown to grey, stiff, moist, medium plastic, fine sand					CC					Drilling refusal at 18' bgs
18	**Sand (SP)** Brown to grey, very dense, miost, fine to medium sand			BVSB-1-17.5-18	6"	CC			22.0		
20 / 6											

BORING NO: BVSB-1	**PROJECT NO: 33107-007245**	**PROJECT NAME: Monterrey Park**
BORING LOCATION: SW corner		**COORDINATES: NA**
DRILLING CO: Kehoe Testing & Engineering		**DRILLER: Sheridan**
DRILLING EQUIP: truck-mounted Geoprobe 6600		**BOREHOLE DIA: 2"**
START DATE: 6/11/07	**FINISH DATE: 6/11/07**	**LOGGED BY: Brad Mullner**
START TIME (hours): 14:00	**FINISH TIME (hours): 14:45**	**CHECKED BY: BM**

DEPTH (ft)	DEPTH (m)	DESCRIPTION	GRAPHIC	SAMPLES: INTERVAL	SAMPLES: SAMPLE NUMBER	SAMPLES: RECOVERY	SAMPLES: METHOD	SAMPLES: MOISTURE	SAMPLES: BLOW CNT (6")	PID (PPM): SCAN	PID (PPM): HEADSPACE	REMARKS
0	0	**Asphalt**										
		Gravel Pea gravel					CC			0.0		
2												
4							CC			0.0		
6	2											
8							CC			0.0		
10												
12							CC			0.0		
14	4											
		Sand (SP) Black, dense, moist, fine to medium sand			BVSB-1-14.5-15	6"	CC			87.7		
16							CC					
		Sandy Silt (ML) Brown to grey, stiff, moist, medium plastic, fine sand					CC					Drilling refusal at 18' bgs
18		**Sand (SP)** Brown to grey, very dense, miost, fine to medium sand			BVSB-1-17.5-18	6"	CC			22.0		
20	6											

BORING NO: BVSB-3	**PROJECT NO: 33107-007245**	**PROJECT NAME: Monterrey Park**
BORING LOCATION: NE corner		**COORDINATES: NA**
DRILLING CO: Kehoe Testing & Engineering		**DRILLER: Sheridan**
DRILLING EQUIP: truck-mounted Geoprobe 6600		**BOREHOLE DIA: 2"**
START DATE: 6/11/07	**FINISH DATE: 6/11/07**	**LOGGED BY: Brad Mullner**
START TIME (hours): 15:50	**FINISH TIME (hours): 16:30**	**CHECKED BY: BM**

DEPTH (ft / m)	DESCRIPTION	GRAPHIC	SAMPLES: INTERVAL	SAMPLES: SAMPLE NUMBER	SAMPLES: RECOVERY	SAMPLES: METHOD	SAMPLES: MOISTURE	SAMPLES: BLOW CNT (6")	PID (PPM): SCAN	PID (PPM): HEADSPACE	REMARKS
0 / 0	**Asphalt**										
	Gravel Pea gravel				10%	CC			0.0		
4											
6 / 2					50%	CC			0.0		
8	**Clayey Sand with gravel (G** brown to grey, dense, moist, fine sand and clay with 30% gravel										
10					90%	CC			0.0		
12 / 4	**Sandy Clay (SC)** Brown to gdark brown, stiff, moist, medium plastic, fine sand and clay mixture										
14					100%	CC			0.0		
16					100%	CC			0.0		Drilling refusal at 18' bgs
18	**Sand (SP)** Brown to grey, very dense, miost, fine to medium sand			BVSB-3-17.5-18	100%	CC			0.0		
20 / 6											

BORING NO: BVSB-4	**PROJECT NO: 33107-007245**	**PROJECT NAME: Monterrey Park**
BORING LOCATION: SE corner		**COORDINATES: NA**
DRILLING CO: Kehoe Testing & Engineering		**DRILLER: Sheridan**
DRILLING EQUIP: truck-mounted Geoprobe 6600		**BOREHOLE DIA: 2"**
START DATE: 6/11/07	**FINISH DATE: 6/11/07**	**LOGGED BY: Brad Mullner**
START TIME (hours): 16:40	**FINISH TIME (hours): 17:15**	**CHECKED BY: BM**

DEPTH (ft / m)	DESCRIPTION	GRAPHIC	SAMPLES: INTERVAL	SAMPLE NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID (PPM): SCAN	PID (PPM): HEADSPACE	REMARKS
0 / 0	**Asphalt**										
	Gravel Pea gravel				10%	CC			0.0		
2											
4											
6 / 2					40%	CC			0.0		
8	**Clayey Sand with gravel (G** brown to grey, dense, moist, fine sand and clay with 30% gravel										
10					70%	CC			0.0		
12 / 4	**Sandy Clay (SC)** Brown to gdark brown, stiff, moist, medium plastic, fine sand and clay mixture										
14					100%	CC			0.0		
16					100%	CC			0.0		Drilling refusal at 18' bgs
18	**Sand (SP)** Brown to grey, very dense, miost, fine to medium sand			BVSB-4-17.5-18	100%	CC			0.0		
20 / 6											

ATTACHMENT C

LABORATORY ANALYTICAL DATA SHEETS AND CHAIN-OF-CUSTODY FORMS

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

Ordered By

Bureau Veritas North America, Inc.
1565 MacArthur Blvd.
Costa Mesa, CA 92626-

Telephone (714) 431-4100
Attn Brad Muller

Number of Pages 3
Date Received 06/11/2007
Date Reported 06/12/2007

Job Number	Ordered	Client
34171	06/11/2007	BUVENA

Project ID: 33107-007245
Project Name: Monterey Park
Site: 1779 Saturn Street
Monterey Park

Enclosed are the results of analyses on 5 samples analyzed as specified on attached chain of custody.

Wendy Lu
Organics Supervisor

Rojert G. Araghi
Laboratory Director

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:
1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

COC# № 42135 GLOBAL ID _____ E REPORT: ☐ PDF ☐ EDF ☐ EDD ASL JOB# 34191

Company: Burca Ventures		Report To:	ANALYSIS REQUESTED
Address: File	Project Name: Monterey Park	Address:	
	Site Address: 1779 Saturn St MP	Invoice To:	
Telephone: 714 431 4148 Fax:		Address:	
Special Instruction:	Project ID: 33107-007245		
E-mail:	Project Manager: Brad Mullins	P.O.#:	

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Container(s) Type	Matrix	Preservation	Remarks
	196832	BVSB1 14.5-15'	6/11/07	14:30	1		S	—	Analyze for Pb
	196833	BVSB2 17.5-18'		1450					
	196834	BVSB2 15.5-16'		1600					
	196835	BVSB3 17.5-18'		1640					
	196836	BVSB4 16.5-17'		1705					

Collected By: Brad Mullins Date 6/11/07 Time 1700
Relinquished By: Brad Mullins Date 6/11/07 Time 1720
Relinquished By: Date Time
Received For Laboratory: Date 6-11-07 Time 1700
Received By: Date Time
Condition of Sample:

TAT: ☐ Normal ☒ Rush 24 hr

CHAIN OF CUSTODY RECORD

White - Report, Yellow - Laboratory, Pink - Client

AMERICAN SCIENTIFIC LABORATORIES, LLC

ANALYTICAL RESULTS

Ordered By

Bureau Veritas North America Inc.
[illegible]
Lake Mesa, CA 92020
Telephone: 714-[illegible]
Attn: Pete Miller

Site

1775 Sepulveda
Monterey Park

Page: 3

Project ID	[illegible]	ASL Job Number	Submitted	Client
Project Name	[illegible]	[illegible]	[illegible]	[illegible]

Method 8015B: TPH DROs and OROs (Diesel and Oil Range Organics)

QC Batch No: 09180748

Our Lab I.D.		196835	196836	
Client Sample I.D.		[illegible]	[illegible]	
		175-[illegible]	[illegible]	
Date Sampled		08/11/2009	08/11/2009	
Date Prepared		08/12/2009	08/12/2009	
Preparation Method				
Date Analyzed		08/12/2009	08/12/2009	
Matrix		Soil	Soil	
Units		mg/Kg	mg/Kg	
Dilution Factor		1	1	
Analytes	PQL	Results	Results	
[illegible]	50	ND	ND	
[illegible]	50	ND	ND	

Our Lab I.D.		196835	196836	
Surrogates	% Rec. Limit	% Rec.	% Rec.	
Surrogate Percent Recovery				
[illegible]	70-130	94	92	

QUALITY CONTROL REPORT

QC Batch No: 09180748

	MS	MSD	RPD	MS/MSD	MS/MSD
Analytes	% REC	% REC	%	% Limits	% Limits
[illegible]	109	114	2.9	75-125	0-20

AMERICAN SCIENTIFIC LABORATORIES, LLC

ANALYTICAL RESULTS

Ordered By

[illegible]
1595 MacArthur Blvd.
[illegible]
Telephone: (714) 831-4100
Attn: Brad Miller

Site

[illegible]
Monterey Park

Page: 2

Project ID: [illegible]
Project Name: [illegible]

ASL Job Number: [illegible]
Submitted: [illegible]
Client: [illegible]

Method 8015B (PIANO's and OxOs Diesel and Oil Range Organics)

QC Batch No: 061207-1D

Our Lab I.D.		196832	196833	196834
Client Sample I.D.		[illegible]	[illegible]	[illegible]
		4.5-15	[illegible]	[illegible]
Date Sampled		06/05/2006	[illegible]	06/05/2006
Time Sampled		[illegible]	[illegible]	[illegible]
Preparation Method				
Date Analyzed		06/12/2006	06/12/2006	06/12/2006
Matrix		Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg
Dilution Factor				
Analytes	PQL	Results	Results	Results
[illegible]	10	256	[illegible]	ND
[illegible]	10	ND	ND	ND

Our Lab I.D.		196832	196833	196834
Surrogates	% Recovery Limits	% Rec.	% Rec.	% Rec.
Surrogate Percent Recovery				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

QUALITY CONTROL REPORT

QC Batch No: 061207-1D

	MB	MS / DUP	RPD	MS / MSD	MS / MD
Analytes	% REC	% REC	%	% REC	% REC
Diesel	96	103	3.0	[illegible]	102

Leighton Consulting, Inc.
A LEIGHTON GROUP COMPANY

TRANSMITTAL

To: Los Angeles County
Department of Public Works
Geotechnical and Materials Engineering Division
Geology Investigations Unit
900 South Fremont Avenue
Alhambra, California 91803-1331

Date: December 10, 2014

Project No. 603287.038

Attention: Mr. Gregory Sena

Transmitted:		The Following:		For:	
X	Mail/Overnight		Draft Report	X	Your Use
	Courier	X	Final Report		As Requested
	Pick Up		Extra Report		
	Email		Proposal		
			Other		

Subject: Phase I Environmental Site Assessment Report, 1977 Saturn Street, APN 5265-026-054, Monterey Park, Los Angeles County, California

LEIGHTON CONSULTING, INC.

By: Meredith Church

Distribution: (3+3CD) Addressee

17781 Cowan ▪ Irvine, CA 92614-6009
949.250.1421 ▪ 949.250.1114 Fax

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT 1977 SATURN STREET APN 5265-026-054 MONTEREY PARK, LOS ANGELES COUNTY, CALIFORNIA

Prepared For:

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

Geotechnical and Materials Engineering Division
Geology Investigations Unit
900 South Fremont Avenue
Alhambra, California 91803

Project No. 603287.038

December 10, 2014

Leighton Consulting, Inc.
A LEIGHTON GROUP COMPANY

Leighton Consulting, Inc.
A LEIGHTON GROUP COMPANY

December 10, 2014

Project No. 603287.038

Los Angeles County Department of Public Works
Geotechnical and Materials Engineering Division,
Geology Investigations Unit
900 South Fremont Avenue
Alhambra, California 91803-1331

Attention: Mr. Gregory Sena

Subject: Phase I Environmental Site Assessment Report
1977 Saturn Street
APN 5265-026-054
Monterey Park, Los Angeles County, California

Leighton Consulting, Inc. (Leighton Consulting) is pleased to present this report summarizing a Phase I Environmental Site Assessment for the Subject Property.

Leighton Consulting has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. Leighton Consulting has developed and performed the all appropriate inquiries in conformance with the standards and practices prescribed in ASTM International (ASTM) E1527-13.

If you have any questions regarding this report, please do not hesitate to contact me. We appreciate the opportunity to be of service.



Respectfully submitted,

LEIGHTON CONSULTING, INC.

Meredith Church

Meredith Church, PG 8326
Senior Project Geologist

Distribution: (3+3CD) Addressee

17781 Cowan ▪ Irvine, CA 92614-6009
949.250.1421 ▪ 949.250.1114 Fax

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EXECUTIVE SUMMARY

Leighton Consulting, Inc. (Leighton Consulting) performed a Phase I Environmental Site Assessment (ESA) of 1977 Saturn Street, Assessor Parcel Numbers (APNs) 5265-026-054, Monterey Park, Los Angeles County, California 91755 (referred to as the "Site" or "Subject Property"), as shown on the Site Location Map, Figure 1. The purpose of this ESA was to identify, to the extent feasible pursuant to the processes prescribed in ASTM International (ASTM) E1527-13, recognized environmental conditions (RECs) in connection with the Subject Property. Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report. The scope of work for this Phase I ESA included a records review, site reconnaissance, interviews, and report preparation.

The Site is approximately 15.83 acres in size and appears to have been vacant, undeveloped land from the late 1920s to the construction of the present day office building in 1980. The facility has been used as a banking operations and office center since 1980 through the present. Two 10,000-gallon diesel underground storage tanks (USTs) were installed in 1981. A utility building that houses a generator room with three 55-gallon day-tank ASTs and a 2,000-gallon diesel UST was constructed in 1991. The USTs feed the emergency generator system and no dispensing activities occur at the Site. A subsurface environmental assessment was conducted by the Los Angeles County Department of Public Works (LACDPW) to assess potential releases from the onsite USTs and significant soil contamination was not identified (LACDPW, 2014). Based on the results, LACDPW found no evidence suggesting a fuel release from the USTs and concluded that site was not impacted in the areas assessed. No further assessment was recommended.

Hazardous materials observed in up to 55-gallon drum-sized containers include compressed oil, oil pit sludge and water, waste diesel/water mix, and chemicals for the cooling equipment located on the roof. The hazardous materials are stored in the generator room, Level A storage room, and the roof. Batteries used in support for the data center were observed in the utility building. The hazardous materials observed appeared to be stored appropriately and leaking was not identified. There was a former print shop and photo room located within the office building and there was an industrial wastewater discharge permit to the sewer that was closed in December of 1998. A commercial grease interceptor installed at the facility appears to be associated with the kitchen area.

One plugged and abandoned oil well, API 03720192, is identified on the California Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR) map in the southwest portion of the Site (Figure 3). The well, identified as Bradford Bishop "Monterey Park" 1 was reportedly drilled in July 1967 to a total depth of 7,920 feet bgs and was subsequently abandoned in late July 1967. The well never produced petroleum hydrocarbons. The precise well location was not able to be determined utilizing historical records and the well appears to be possibly located onsite or offsite to the south (App. J, DOGGR Records Section). Direct field investigation methods would be needed to further assess the well location.

Groundwater is expected to be in excess of approximately 60 feet bgs based on groundwater encountered monitoring wells in the surrounding vicinity. The groundwater flow in the Site vicinity is anticipated to be southwest based on the surface topography.

The adjacent property to the south appears to have been a gravel quarry through the 1940s and 1950s. The remaining adjacent properties appear to have been primarily mixed vacant land and residential-use through the 1970s, and primarily commercial- and light industrial-use from the late 1970s through the present. Surrounding properties that appeared likely to adversely affect the Site were not identified during the EDR® Radius Report review.

This assessment has not identified RECs in connection with the property. Although not considered RECs, Leighton Consulting identified the following environmental conditions and recommends the ensuing actions:

- One plugged and abandoned oil well, API 03720192, may be located in the southwest portion of the Site and was abandoned in 1967 (Figure 3). The well never produced petroleum hydrocarbons. Leighton Consulting recommends direct field investigation to assess the location of the former oil well prior to new construction in this portion of the Site. If an oil well is identified at the Site, DOGGR should be contacted to evaluate requirements for investigation and possible re-abandonment to current regulatory standards before any improvements commence at the Site.

- There are three diesel USTs present at the Site that are used for the backup generator system. Release of fuel was not identified during this Phase I ESA or during a subsurface soil investigation conducted by LACDPW (LACDPW, 2014). A Fueling System Assessment was conducted and the tanks appeared to be in fair condition. However, recommendations to rectify some code deficiencies are

provided under separate cover (Leighton Consulting, 2014). If the USTs are not going to be used for proposed future operations, Leighton Consulting recommends removing the USTs according to applicable regulatory guidelines and observing for evidence of releases beneath the tanks and piping.

- There was previously a small onsite print shop and photo room with an industrial waste permit to discharge the waste to the sewer. Inappropriate discharge or leaks were not reported; however, Leighton Consulting recommends observing for evidence of potential releases beneath the sewer lines if the building and associated utilities are demolished.

- ACMs, LBP, and universal waste are located within the onsite structures. The locations, estimated quantity, and recommendations for their handling, if disturbed during renovation or demolition activities, are reported under a separate cover (Health Science Associates, 2014).

In general, observations should be made during any future Site development for areas of possible contamination such as, but not limited to, the presence of underground facilities, buried debris, waste drums, tanks, staining soil or odorous soils. Should such materials be encountered, further investigation and analysis may be necessary at that time.

1.0 INTRODUCTION

1.1 Authorization

Leighton Consulting, Inc. (Leighton Consulting) performed a Phase I Environmental Site Assessment (ESA) at 1977 Saturn Street, Assessor's Parcel Number (APN) 5265-026-054, located in Monterey Park, Los Angeles County, California (referred to as the "Site" or "Subject Property" – Figure 1, Site Location Map). References are included in Appendix A and Site Photos are included in Appendix B.

1.2 Purpose

The purpose of the Phase I ESA is to identify, to the extent feasible and pursuant to the processes prescribed in ASTM International (ASTM) E1527-13, recognized environmental conditions (RECs), historical RECs (HRECs), or controlled RECs (CRECs) in connection with the subject property.

RECs are defined, according to ASTM E1527-13 as: *the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment*. De minimis conditions are not RECs (ASTM 1527-13, 2013).

HRECs are defined, according to ASTM E1527-13 as: *a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls*.

CRECs are defined, according to ASTM E1527-13 as: *a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls*.

1.3 Scope of Work

The scope of work was performed in accordance with Leighton Consulting's proposals and included the following tasks:

- A reconnaissance-level visit of the Subject Property for evidence of release(s) of hazardous materials and petroleum products and to assess the potential for onsite releases of hazardous materials and petroleum products;
- Records Review (including review of previous environmental reports, selected governmental databases, and historical review);
- Interviews; and
- Preparation of a report presenting our findings.

1.4 Significant Assumptions

Leighton Consulting assumes that the information provided by the Client, regulatory database provider, and regulatory agencies is true and reliable.

1.5 Limitations and Exceptions

Site-specific activities performed by Leighton Consulting and information collected regarding these activities are summarized in the following sections. The findings of this ESA are presented in Section 7.0. Opinions, and conclusions drawn by Leighton Consulting, based on the information collected as part of the ESA, are presented in Sections 8.0 and 9.0, respectively.

This Phase I ESA was conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions.

The observations and conclusions presented in this report are professional opinions based on the scope of activities, work schedule, and information obtained through the ESA described herein. Opinions presented herein apply to the conditions of the Subject Property existing at the time of our study and cannot necessarily be taken to apply to conditions or changes of the Subject Property that we are not aware of or have not had the opportunity to evaluate. It must be

recognized that conclusions drawn from these data are limited to the amount, type, distribution, and integrity of the information collected at the time of the investigation, the methods utilized to collect and evaluate the data, and that a full and complete evaluation of environmental risks cannot be made. Although Leighton Consulting has taken steps to obtain true copies of available information, we make no representation or warranty with respect to the accuracy or completeness of this information.

This practice does not address whether requirements in addition to all appropriate inquiry have been met in order to qualify for the landowner liability protections including the continuing obligation not to impede the integrity and effectiveness of activity and use limitations, or the duty to take reasonable steps to prevent releases, or the duty to comply with legally required release reporting obligations. Users should also be aware that there are likely to be other legal obligations with regard to hazardous substances or petroleum products discovered on the Subject Properties that are not addressed in this practice and that may pose risks of civil and/or criminal sanctions for non-compliance.

1.6 Special Terms and Conditions

The scope of work for this Phase I ESA did not include non-scope considerations, such as, but not limited to, those listed in Section 13 of ASTM 1527-13. This scope of work did not include items such as testing of electrical equipment for the presence of polychlorinated biphenyls (PCBs) or collection of other environmental samples, such as, water, soil, building materials, or paint; assessment of natural hazards such as naturally occurring asbestos, radon gas, methane gas, or mold; assessment of the potential presence of radionuclides, biological agents, or lead in drinking water; assessment of indoor air quality; or assessment of nonchemical hazards such as the potential for damage from earthquakes or floods, or the presence of endangered species or wildlife habitats. It should be noted; however, that Leighton Consulting oversaw an asbestos, lead, and hazardous materials survey at the Site in October 2014 (Health Science Associates, 2014). This Phase I ESA also did not include an extensive assessment of the environmental compliance status of the Subject Property or of businesses operating at the Subject Property, or a health-based risk assessment.

1.7 User Reliance

This report is for the exclusive use of the County of Los Angeles, including, but not limited to, the LACDPW and the Chief Executive Office. Use of this report by any other party shall be at such party's sole risk.

1.8 Important Information About Geoenvironmental Reports

The Client is referred to Appendix K regarding important information provided by the ASFE on geoenvironmental studies and reports.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The Los Angeles County Assessor's Office designates the Site as APN 5265-026-054, located at 1977 Saturn Street, Monterey Park, Los Angeles County, California. The APN map indicates that the parcel is approximately 15.83 acres in size, including an approximate 1.22 acre storm drain easement. The Site and adjacent properties are depicted on Figure 2, Site Plan. A legal description for the Site is located in the Environmental Lien Search included in Appendix C.

2.2 Site and Vicinity General Characteristics

The Site vicinity is primarily comprised of a commercial/light industrial business park, a public park, residential property, and vacant (formerly agricultural) land. a Southern California Edison Transfer Station and former landfill property is located south of Portrero Grande Drive.

2.3 Current and Proposed Use of the Site

At the time of the Site inspection, the facility was occupied by Bank of the West and was used as an office and operations center. The proposed Site use is office-space.

2.4 Descriptions of Structures, Roads, and Other Improvements on the Site

The Site is approximately 15.83 acres in size and is occupied by an office building and a utility building that houses generator, switchgear, and battery rooms. The office building consists of two joined buildings that are two-stories each. Levels A and C are the first floor and second floor of the western building, respectively, and Levels B and D are the first and second floors of the eastern building, respectively. The property is surrounded by a fence and a guard shack located at the west and east property entrances. A grassy landscaped area is located west and south of the office structure and the remainder of the Site is an asphalt-paved parking lot (Figure 2, Site Plan).

The Site has a total of three diesel USTs (two (2) 10,000-gallon USTs and one (1) 2,000-gallon UST) that feed the emergency generator system. There are no fuel dispensing activities at this facility.

2.5 Current Uses of Adjoining Properties

The Site is bordered to the north by a vegetated hillside, part of which is used for nursery purposes. Two large water tanks are located at the top of the hillside, followed by La Loma Park and residential property. The Site is bordered to the south by Saturn Street followed by Volt Center (1980 Saturn Street). The Site is bordered to the west by a commercial office structure (no business name noted, 2001 Saturn Street). The Site is bordered to the east by South Orange Avenue followed by a vacant embankment that leads to an undeveloped property that is terraced and may have formerly been used for agricultural purposes (Figure 2, Site Plan).

3.0 USER PROVIDED INFORMATION

The user of this Phase I ESA is identified as the Client, County of Los Angeles, Department of Public Works and the Chief Executive Office. A User interview form was completed by Mr. Gregory Sena with the LACDPW (Appendix D).

3.1 Title Records

Title records were not provided by the client; however, Leighton Consulting obtained a 60-year Chain-of-Title Report prepared by NETR for the Site, and it is summarized in Section 4.4.6 (Appendix C).

3.2 Environmental Liens or Activity and Use Limitations

An Environmental Lien Search Report prepared by NETR and dated November 26, 2014 was reviewed and environmental liens or other activity and use limitations were not identified (Appendix C).

3.3 Specialized Knowledge

Specialized knowledge or experience regarding the Subject Property was not reported.

3.4 Commonly Known or Reasonably Ascertainable Information

Commonly known or reasonably ascertainable information was not reported, with the exception of being aware of the presence of diesel USTs onsite and a previous fuel line release. The property was reported to be vacant land prior to development of the present structure.

3.5 Valuation Reduction for Environmental Issues

Valuation reduction for environmental issues was not reported.

3.6 Owner, Property Manager, and/or Occupant Information

The property owner was reported to be GE Capital and the occupant was reported to be Bank of the West.

3.7 Reason for Performing Phase I ESA

The purpose of the Phase I ESA is for due diligence activities relating to the proposed redevelopment at the Site, and to identify, to the extent feasible and pursuant to the processes prescribed in ASTM International E1527-13, RECs in connection with the Subject Property.

3.8 Other

LACDPW performed a subsurface environmental assessment on October 4 and 5, 2014 (LACDPW, 2014). LACDPW assessed the subsurface conditions around the existing emergency generator USTs for possible soil contamination. Two borings were drilled nearby the dual-10,000-gallon diesel USTs (east and west) and one boring was drilled north of the 2,000-gallon diesel UST.

Soils were collected at 5-foot intervals and tested by a State-certified laboratory for total petroleum hydrocarbons as diesel and oil by EPA Method 8015M and volatile organic compounds including fuel oxygenates by EPA Method 8260B. Drilling derived wastes were tested for the same constituents and also Title 22 Metals by EPA Method 6010B/7471A. Groundwater was not sampled. The analytical results did not indicate detectable concentrations of any tested constituent above the laboratory method detection limit from the soil samples collected and tested from the soil borings. However, oil-range hydrocarbons were detected at a nominal concentration (5.27J milligrams per kilogram) from the derived wastes while metal concentrations were nominal.

Based on the results, LACDPW found no evidence suggesting soil contamination and concluded that site was not impacted in the areas assessed. No further assessment was recommended.

4.0 RECORDS REVIEW

4.1 Physical Setting Source(s)

Leighton Consulting reviewed pertinent maps and readily available literature for information on the physiography and hydrogeology of the Subject Property. A summary of this information is presented in the following subsections.

4.1.1 Topography

Topographic map coverage was provided in the Environmental Data Resources (EDR®) Historical Topographic Map Report dated November 20, 2014 (Appendix E). Based on the United States Geological Survey (USGS) "El Monte, CA" 1981 Quadrangle included in the EDR® Topographic Map Report, the Site elevation ranges from approximately 420 feet above mean sea level (MSL) in the eastern portion of the Site to 350 feet toward the west. The general topography of the Site and surrounding vicinity slopes towards the southwest.

4.1.2 Surface Water

Surface water was not observed on the Site. Garvey Reservoir is located approximately 0.5 miles to the north and the Rio Hondo River is located approximately two miles to the east of the Site. The Rio Hondo flows south merging with the San Gabriel River at the Whittier Narrows Flood Control Basin located approximately 2.3 miles southeast of the property.

4.1.3 Geology and Soils

The Site is located in the southwestern portion of the San Gabriel Basin which is a relatively deep basin consisting of alluvial sedimentary deposits associated with meandering fluvial environments (CDWR, 1961). The Montebello Hills are located approximately 0.5 miles south. The area is underlain by alluvium of Recent age. The alluvium consists primarily of fine-to-coarse grained sands and silty sands interbedded with layers of gravely sands, sandy silt, or sandy clay.

4.1.4 Hydrogeology

The Site is located within the Central Subbasin, a large section of the California's Coastal Plain groundwater basin, situated in the southern portion of the Los Angeles River drainage. Based on a review of the State Water Resources Control Board (SWRCB) online Geotracker database, groundwater monitoring events have been conducted at a Shell gas station located approximately 0.4 miles to the southwest of the Site (430 Portrero Grande). Monitoring of five wells showed that groundwater was encountered at elevations ranging from 220 to 226 feet above MSL (approximately 68 to 74 feet below ground surface [bgs]) with flow to the south with an average gradient of 0.090 foot per foot (ft/ft) (WGR, 2005).

The LACDPW Hydrologic Records Division was consulted for depth to groundwater in nearby water supply wells. No active municipal wells are located within a mile of the site. The nearest active well, 2915D, is located approximately two miles to the east of the Site and groundwater was encountered at an elevation of 165.6 feet MSL (64.8 feet bgs) in October 2012.

The actual groundwater depth and flow direction beneath the site is unknown. Based on groundwater encountered in the surrounding vicinity, groundwater is expected to be in excess of approximately 60 feet bgs. Based on the surface topography the groundwater flow in the Site vicinity is anticipated to be southwest.

4.1.5 Floodplain

The Site inspection did not reveal existing wetlands or any conditions, such as reeds in standing water that would indicate the presence of a wetland. The Site was not depicted within the 100- or 500-year flood zone on the EDR® Radius Report included in Appendix F.

4.1.6 Oil and Gas Fields

Leighton Consulting reviewed the California Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR) online mapping system on November 26, 2014. The Site is located in Township 1 South, Range 12 West, Sections 35, San Bernardino Baseline and Meridian.

According to the map, one plugged and abandoned exploration oil/gas well, API 03720192, is located in the southwest corner of the grassy field west of the building. According to the records reviewed on the DOGGR website, Bradford Bishop "Monterey Park" 1 was drilled in July 1967 to a total depth of 7,920 feet bgs and was subsequently abandoned in late July 1967. The well never produced petroleum hydrocarbons and the site does lie within the limits of an oil/gas field. The well records are included in Appendix J.

A map identifying the well location was included in the DOGGR records and it was depicted as lying 2,150 feet north of Township 1 South and 435 feet east of Range 12 West. Utilizing these measurements on the DOGGR map and a topographic map, the well appears to be located within or to the south of Saturn Street (maps are included in DOGGR records in Appendix J). The location of the well appears to be too close to accurately identify it as being onsite of offsite. Direct field investigation would be required to further assess the location of the abandoned oil well. DOGGR requires investigation of former wells to assess if they are leaking and if re-abandonment will be required prior to new development near the well.

4.2 Standard Environmental Record Sources

A search of selected government databases was conducted by Leighton Consulting using the EDR® Radius Report, dated November 20, 2014. Details of the database search along with descriptions of each database researched are provided in the EDR® Radius Report (Appendix F). The report meets the government records search requirements of ASTM E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The database listings were reviewed within the specified radii established by the ASTM E1527-13.

4.2.1 Subject Property

The Subject Property was identified in the EDR® Radius Report on the UST, RCRA-SQG, SWEEPS UST, LOS ANGELES CO. HMS, ERNS, HAZNET, EMI, and FINDS databases.

The subject property has three registered USTs. The subject property is also a small quantity generator of hazardous materials. Violations were not found.

On July 29, 1991 an alarm associated with the USTs sounded and diesel fuel was reported in the inspection well. According to the ERNS report, further investigation was needed before cleanup activities.

The subject property was also identified on the HAZNET listing which tracks the transportation disposal of hazardous waste offsite. From 1993 to 2013 the facility has documented the transportation and disposal of materials such as photochemicals/photoprocessing waste, other inorganic solid waste, unspecified alkaline solution, off-specification, aged or surplus organics, waste oil and mixed oil, liquids with pH less than or equal to 2 with metals, and tank bottom waste.

The subject property reported the release of 1 ton/year of nitrogen oxides in 1990. In 1995, there were no emissions of gases.

4.2.2 Offsite

Federal NPL List: The Environmental Protection Agency's (EPA) National Priorities List (NPL) of uncontrolled or abandoned hazardous waste sites was reviewed for sites within a mile radius of the subject property. To appear on the NPL, sites must have met or surpassed a predetermined hazard ranking system score, been chosen as a State's top priority site, pose a significant health or environmental threat, or be a site where the EPA has determined that remedial action is more cost effective than removal action. The database search identified one NPL site within a 1.0 mile radius of the subject property.

New Cure, Inc./Operating Industries, Inc., 2550 Greenwood Avenue (also listed as 900 Portrero Grande Drive under other databases), Monterey Park, is located to the south and southeast of the Site. This facility is typically referred to as the Operating Industries, Inc. (OII) Landfill. The overview map of the EDR Radius Report shows the NPL area outlined in red and covers several hundred acres, the nearest boundary of which is approximately 750 feet to the southeast of the Site. The NPL area

appears represent the groundwater compliance line for the OII Landfill monitoring program.

The New Cure and Operating Industries facilities are also listed on the CERCLIS, CORRACTS, RCRA-TSDF, RCRA-LQG, US ENG CONTROLS, CONSENT, ROD, RAATS, PRP, HIST-Cal-Sites, ODI, CA BOND ESP Plan, SWF/LF, Envirostor, Cortese, HIST Cortese, LDS, ENV, and HWP databases (database descriptions are included starting on Page GR-1 of the EDR® Radius Report). The databases were reviewed to assess for hazardous materials, releases, and the property status.

The facility is a closed solid waste disposal site that is Federal Superfund site. The OII Landfill is divided by the Pomona Freeway into a North Parcel (45 acres) and a South Parcel (145 acres). The North Parcel is located approximately 2,000 feet to the southeast of the Site and the South Parcel is located approximately 2,300 feet to the south of the Site. Most waste accepted by the landfill was received by the South Parcel. Approximately 10 acres along the western side of the North Parcel were used as a landfill and typically received construction and debris waste (USEPA website)

The Envirostor database and website summarizes the property as follows: OII is an inactive Class II landfill surrounded by residential areas on the south and west borders. From 1948 to 1952, the OII site was operated as a municipal landfill by the City of Monterey Park. In January 1952, the site became a privately owned landfill under the ownership of OII. The site was permitted by the RWQCB in 1976, to receive various nonhazardous and hazardous liquid wastes, including lead compounds, chrome oxide, pigment sludge, refinery wastes, waste water from paint manufacturing, and caustic cleaning waste. It was not until 1984 that OII stopped accepting waste. The pathways of contamination are through inhalation of land fill gases and direct contact of leachate entering the ground water. Possible receptors are the residents near the facility and the potential impact of the contaminated groundwater on drinking water supplies. The Department took over the site when the owner and operator failed to continue with the site closure activities. In May 1986, the landfill was listed on the NPL and EPA became the lead agency. EPA initiated a remedial investigation to define the extent of environmental problems. A

hydrogeologic investigation to study the groundwater was performed in September of 1989. In May of 1989, a Partial Consent Decree was entered in the Federal Court between EPA and over 100 PRPs. The PRPs agreed to undertake the site control and monitoring, and construct a leachate treatment system, as well as conducting several site improvements. Site work pursuant to the Consent Decree began in November 1989, when daily operation, including operation and maintenance/monitoring of the existing gas and leachate control system, and erosion and drainage control were assumed by the settling PRPs'. The Envirostor status is listed as “Certified – Operation and Maintenance” as of August 2, 2012. The Land Disposal Site (LDS) is listed as “Completed – Case Closed” by the Regional Watery Quality Control Board (RWQCB) on August 3, 2011. A more detailed summary of historical operations and investigations is provided in the CERCLIS database for the landfill. Because OII is hydraulically down-gradient and subject to regulatory actions and involvement, this facility is not expected to significantly impact the Site.

Delisted NPL List: The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) established the criteria the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425 (e), sites may be deleted from the NPL where no further response is appropriate. The database search did not identify delisted NPL facilities located within a 1.0 mile radius of the subject property.

ENVIROSTOR: The DTSC’s Envirostor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (NPL); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. Envirostor provides similar information to the information that was available in Cal Sites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites. The database identified two facilities within a 1.0 mile radius of the subject property.

1. Operating Industries, Inc., 900 Portrero Grande Drive, Monterey Park. See the previous NPL listing for New Cure, Inc./Operating Industries, Inc. for additional information.

2. Alpha Photonics/Lyle Optpelectronics, 2019 Saturn Street, Monterey Park, located approximately 250 feet to the southwest of the Site. The property is also listed on the LA Co. Site Mitigation, Los Angeles Co. HMS, RCRA-SQG, and FINDS databases. The facility is listed as "abated" and "closed" in the LA Co. Site Mitigation and HMS databases, respectively. On the Envirostor database lists the facility as "tiered permit" and the status as "refer: other agency". The RCRA-SQG wastes included ignitable hazardous waste, spent halogenated solvents, and spent non-halogenated solvents. No violations were noted. Additional information was not provided in the EDR® Radius Report or the Envirostor website. Evidence of a release was not identified in the databases reviewed; therefore, this facility is expected to have a low potential to adversely impact the Site.

Historical (HIST) Calsites Database: The DTSC HIST Calsites database contains potential or confirmed hazardous substance release properties. This database is no longer updated and has been replaced by ENVIROSTOR. The database search did not identify any state site facilities within a 1.0 mile radius of the subject property that were not previously discussed in the ENVIROSTOR section.

Federal CERCLIS List: The EPA's Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) listings were reviewed to evaluate if sites within ½ mile of the subject property are listed for investigation. The CERCLIS database identifies hazardous waste sites that require investigation and possible remedial action to mitigate potential negative impacts on human health or the environment. The database search identified one CERCLIS facility within a 0.5 mile radius of the subject property, New Cure, Inc. (See the Federal NPL list for more information).

CERCLIS No Further Remedial Action Planned (CERCLIS-NFRAP): As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination

was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites. The database search did not identify CERCLIS-NFRAP facilities within a 0.5 mile radius of the subject property.

Federal RCRA List: The current Resource Conservation Recovery Act (RCRA) Notifiers List was reviewed to evaluate if RCRA treatment, storage, or disposal sites (TSDs) are located within a 0.5 mile radius of the subject property. It should be noted, however, that inclusion in the RCRA database is not indicative of a release or waste storage/handling violation. Rather, it indicates that the generator is following manifest and reporting procedures. The database search identified one RCRA TSD facility located within a 0.5 mile radius of the subject property, New Cure, Inc. (See the Federal NPL list for more information).

The RCRA Corrective Action Sites (CORRACTS) List is maintained for sites, which are undergoing "a corrective action." A corrective action order is issued when there has been a release of hazardous waste constituents into the environment from a RCRA facility. The database search identified one RCRA Corrective Action sites within a 1.0 mile radius of the subject property, New Cure, Inc. (See the Federal NPL list for more information).

The RCRA regulated hazardous waste generator notifiers list was reviewed to evaluate if RCRA generator facilities are adjoining the subject property. The database search did not identify a large quantity generator (LQG) or small quantity generator (SQG) facility adjacent to the subject property.

Solid Waste Landfill Facilities (SWF/LF): This database, provided by the Department of Consumer and Regulatory Affairs, consists of open, as well as closed and inactive solid waste disposal facilities and transfer stations.

The database search did not identify a SWF/LF site within a 0.5 mile radius of the subject property.

Leaking Underground Storage Tank (LUST) Sites: The EPA maintains lists of information pertaining to reported LUSTs in the state. The database search identified 5 LUST listings within a 0.50 mile radius of the subject property. Four of the LUST cases appear to have been issued regulatory closure and based on their proximity to the Site and the regulatory closure, are expected to have a low potential to adversely affect the Site. The active LUST facility is discussed below:

1. Southern California Edison – Montebello Service Center, 1000 Portrero Grande Drive East, located approximately 0.1 miles to the east of the Site. The facility is reported to have a release of gasoline and oil to soil. The status is listed as "Open – Site Assessment" as of December 18, 2012. Based on the media affected listed as "soil" and the expected hydraulic cross-gradient location from the Site, this facility is expected to have a low potential to adversely affect the Site.

Underground Storage Tank (UST) Sites: The California State Water Resources Control Board (SWRCB) UST inventory list was reviewed to evaluate if USTs are located adjacent to the Site. It should be noted that a listing in the UST databases does not necessarily mean that a leak has occurred. The database search did not identify UST facilities located directly adjacent to the subject property border.

CA FID, HIST UST, and SWEEPS: The Facility Inventory Database (FID), Historical UST Registered Database (HIST UST), and the Statewide Environmental Evaluation and Planning System (SWEEPS) contain active and inactive UST locations. The database search did not identify UST locations directly adjacent to the subject property border.

VCP: The Voluntary Cleanup Program Properties list contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have requested that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs. The database search did not identify a VCP site on properties within a 0.5 mile radius of the subject property.

SLIC: This is the California Regional Water Quality Control Board (RWQCB) Spills, Leaks, Investigations and Cleanup (SLIC) list. The database search did not identify a SLIC case within a 0.5 mile radius of the subject property.

Drycleaners: A review of the Drycleaners list did not identify dry cleaning facilities with an EPA ID number located within a 0.25 mile radius of the subject property.

EDR Historical Cleaners: A review of the EDR Historical Cleaners list did not identify a historical cleaner facility located within a 0.25 mile radius of the subject property.

EDR Historical Auto Stations: A review of the EDR Historical Auto Stations list did not identify any historical auto stations located within a 0.25 mile radius of the subject property.

EDR Manufactured Gas Plants (MGP): A review of the EDR Manufactured Gas Plants list did not identify a MGP located within a 1.0 mile radius of the subject property.

INDIAN RESERV: The INDIAN RESERV list identifies Indian administered lands of the United States that have an area equal to or greater than 640-acres. The database search did not identify INDIAN RESERV properties within a 1.0 mile radius of the subject property.

INDIAN LUST: The INDIAN LUST database lists LUST locations on Indian Land. The database search did not identify INDIAN LUST facilities within a 0.5 mile radius of the subject property.

INDIAN UST: The INDIAN UST database lists UST locations on Indian Land. The database search did not identify INDIAN UST facilities on the subject property or on properties adjacent to the subject property.

Unmapped Listings: One property was listed within EDR® report as “unmapped listings” (Orphan Summary). Unmapped listings are properties without a complete street address and therefore cannot be located on a map. The facility was identified as a landfill, Monterey Park

City Dump, located at South Orange Drive and County. This facility does not appear to be located near the Site and is considered unlikely to have the potential to adversely impact the Site.

4.2.3 Vapor Encroachment

Properties with reported releases within the ASTM 1527-13 search area are discussed previously in Section 4.2.2 and no sites were identified that appeared likely to adversely affect the Site due to chemical migration; therefore, there appears to be a low potential for vapor encroachment.

4.3 Additional Environmental Record Sources

4.3.1 Regulatory Agency Consultations

Leighton requested regulatory records from the agencies listed below for the Site address of 1977 Saturn Street, Monterey Park, California. The regulatory agency responses that were received are included in Appendix J.

National Pipeline Mapping System (NMPS)

On November 20, 2014, the online National Pipeline Mapping System (NMPS) was reviewed and evidence of gas and hazardous liquid pipelines was not identified in the vicinity of the Site.

Department of Toxic Substance Control (DTSC)

On November 20, 2014, a file request was sent via facsimile to the DTSC requesting records for the Subject Property. On November 21, 2014, the DTSC-Cypress office responded via mail that there were no records for the addresses requested. On November 25, 2014, the DTSC-Chatsworth office responded via mail that there were no records for the addresses requested.

Southern California Air Quality Management District (SCAQMD)

On November 20, 2014, Leighton reviewed the SCAQMD's Facility Information Detail System (FINDS) online database for files pertaining to the Subject Property. No files pertaining to the Subject Property were identified in the FINDS database.

Los Angeles Regional Water Quality Control Board (LA-RWQCB)

On November 20, 2014, a file review request was sent via electronic mail (email) to the LA-RWQCB. A response was received on December 1, 2014 via email stating no records were available for the Site. In addition, on November 20, 2014, GeoTracker, an online California data warehouse maintained by the RWQCB, which tracks regulatory data concerning underground fuel tanks, fuel pipelines, and public drinking water supplies, was reviewed for permitted USTs and LUST or SLIC cases for the Site. No releases were reported onsite; however, the property was noted to be a permitted UST facility. UST records are maintained for Monterey Park by LACDPW.

Los Angeles County Department of Public Works (LACDPW)

On November 20, 2014, a file review request was forwarded to the LACDPW Environmental Programs Division requesting records for the Site. On November 26, 2014, the LACDPW Environmental Programs Division responded via facsimile that there were two files identified for the Site. The available records were reviewed on December 2, 2014. There was an industrial waste file for the Site; however, additional information was not available. There was also a UST file that included Monitoring System Certification forms, Owner Statements, Secondary Containment Testing forms, and UST Monitoring Plans for Bank of the West dated between 2007 through 2013. USTs onsite include two 10,000-gallon diesel USTs, a 2,000-gallon diesel UST, and three diesel day tank ASTs. The two 10,000-gallons USTs are located to the north of the western building beneath a concrete pad, and the 2,000-gallon UST is located to the west of the generator building beneath a concrete pad.

Monterey Park Fire Department

On November 20, 2014, a file review request was forwarded via email to the Monterey Park Fire Department requesting records for the Site. On December 1, 2014, the Monterey Park Fire Department responded via facsimile that there were records for the Site. The records were for Sanwa Bank and are summarized in the following table:

Date	
08/01/1991	Form letter from LACDPW, Hazardous materials underground storage - unauthorized discharge of hazardous material. It was noted that the monitoring system indicated leakage and that a site investigation must be performed, as well as recertification of the monitoring system.
08/22/1991	Letter to LACDPW – Temporary repair activities, UST fuel line excavation. A single-walled copper fuel line for the west UST was discovered to be damaged following the use of the UST on July 28, 1991. The damaged line was uncovered and at the time of the letter there was an excavation pit. The temporary repair was done in order to reduce the potential for an accident at the excavation pit. A contractor was obtained to perform the repair which would include capping the damaged fuel line and backfilling the excavation pit with clean stockpiled soil. Following the temporary repair a report was to be submitted to LACDPW regarding the nature of the release incident, the mitigation measures performed, and a permit application to remove the damaged fuel line and replace it with a double-walled fuel line meeting the fire code standards. It was also noted that additional site assessment measures, if any, would be conducted if requested by LACDPW (see paragraph following table for tank status information).
10/12/1991	Security building rounds notice; Utility Building Plan 10/15/91.
12/02/1998	Application for closure of industrial wastewater discharge permit no. 9805; floor sink on Level B.
12/07/1998	Industrial wastewater discharge permit no. 9805 closure authorization.

A letter dated August 22, 1991 indicated that there had been damage to a single-walled fuel dispensing line; however, records regarding this upgrade were not identified in the LACDPW file review. Leighton Consulting conducted a Fueling System Assessment and according to the documents and information reviewed onsite, the tanks consist of two 10,000-gallon Owens Corning single-wall steel USTs, installed in 1981 and one 2,000-gallon Modern Welding double-wall steel UST installed in 1991. An onsite report reviewed by Leighton Consulting stated that the tanks and associated piping were upgraded in 2006 to bring them into compliance with the current regulatory requirements. The tanks appeared to be in fair condition and leaks were not identified during the fueling system assessment, although there were some code deficiencies and recommendations were provided to achieve code compliance (Leighton Consulting, 2014).

State of California Radon Survey

The California Department of Health Services (DHS) maintains an online database of California indoor radon levels sorted by zip code. According to this database 5 radon tests have been conducted within the Site zip code of 91755. From these 5 tests, 0 tests detected radon above the EPA action level of 4 picoCuries per liter (pCi/L) (CDHS, 2010).

In addition, the EDR® Radius Report indicates that Los Angeles County is located in EPA Radon Zone 2. According to the EPA, buildings in Zone 2 typically have radon levels greater than or equal to 2 pCi/L and less than or equal to 4 pCi/L.

Based on the information stated above, the potential for elevated levels of naturally occurring radon at the Subject Property appears to be low.

4.3.2 Previous Environmental Assessment Reports

Leighton Consulting did not review any previous environmental assessment reports as part of this project.

4.4 Historical Use Information on the Property

Leighton Consulting reviewed selected historical information on the Subject Property. These references were reviewed for evidence of activities which would suggest the potential presence of hazardous substances at the Site and to evaluate the potential for the Site to be impacted by offsite sources of contamination. The following paragraphs are a chronological summary of the review.

4.4.1 Aerial Photographs

Historical aerial photographs were reviewed using the EDR® Aerial Photo Decade Package, dated November 21, 2014, for information regarding past Site uses, and are included in Appendix G.

The Site and adjacent properties appears to be vacant, undeveloped land with an unpaved road and a drainage channel transecting through the Site in the 1928, 1938, and 1948 aerial photographs.

In the 1952 aerial photograph, the Site and adjacent properties to the north and east are still vacant, undeveloped land. To the northwest, residential homes have been constructed. To the south is vacant land; however the ground surface is disturbed and the natural vegetation is no longer observed.

In the 1964 aerial photograph, the only significant changes observed is the addition of a water tank to the north of the subject property. In addition, residential track homes have been constructed to the northeast of the subject property.

In the 1997 aerial photograph the Site continues to be vacant land; however dirt roads cross the subject site. Adjacent to the northwest and northeast are residential homes. Adjacent to the north is one water tank. Adjacent to the southwest is vacant land, followed by industrial buildings. Adjacent to the south is vacant, disturbed land and to the southeast is a nursery.

In the 1979 aerial photograph, the Site and adjacent property to the south is being graded for future development. The only other significant change

on the adjacent properties is a commercial/industrial building now developed to the west of the Site.

In the 1981 aerial photograph, the current office building is present onsite (however, the utility building was not yet present). Saturn Street is present to the south and Orange Avenue is present to the east. The adjacent property to the south remains vacant disturbed land.

In the 1989 aerial photograph, the Site and adjacent properties remain relatively unchanged with the exception of the development of the property to the south with a large commercial/office or light industrial structure and parking lots.

In 1994, the only significant change is the addition of a small rectangular structure (the utility building) located north of the main structure. Adjacent properties were unchanged.

In the 2002, 2005, 2009, 2010, and 2012 aerial photographs, the Site appears in the present day configuration. The surrounding properties remained relatively unchanged with the exception that two water tanks are now observed to the north of the subject site.

4.4.2 Sanborn Maps

Sanborn Maps, or fire insurance maps, are detailed city plans showing building footprints, construction details, use of structure, street address, etc. The maps were designed to assist fire insurance agents in determining the degree of hazard associated with a particular property. Sanborn Maps were produced from approximately 1867 to the present for commercial, industrial, and residential sections of approximately 12,000 cities and towns in the United States. According to the EDR® Sanborn Map Report, dated November 20, 2014, and included in Appendix H, Sanborn Map coverage was not available for the Site.

4.4.3 Historical Topographic Maps

Historical topographic maps, provided in the EDR® Historical Topographic Map Report dated November 20, 2014, were reviewed for information

regarding past Site uses. Topographic map coverage of the Site and surrounding properties is provided by the "Pasadena" Quadrangle (1896), "Los Angeles" Quadrangle (1900), "Southern Ca Sheet 1" Quadrangle (1901), and "El Monte" Quadrangle (1953 and 1966). The Site location has been approximated on each historical topographic map (Appendix E).

In the 1896, 1900, 1901, and 1926 historical topographic maps, the site and surrounding areas appeared to be occupied by undeveloped, unincorporated land.

In the 1953 topographic map, there are no structures, tanks or wells depicted on the subject property. The residential tract has been developed to the northwest. To the south of the subject site is labeled "Quarry". Adjacent properties to the north, east, and west were vacant.

In the 1966, 1972, 1981, and 1994 topographic maps, there are no structures, tanks or wells depicted on the subject property. A drainage channel transects through the eastern portion of the Site. The residential tract is depicted to the northeast to the northwest. To the south of the subject site is labeled "Gravel Pit" in the 1966 topographic map, and is vacant in the later maps. Adjacent to the north is a water tank. Adjacent properties to the east and west were vacant, with the exception of a commercial structure to the west in the 1981 map. It should be noted that although the Site is depicted as vacant in the 1981 and 1994 topographic maps, the onsite office building was constructed in 1980 and the utility building was constructed in 1991.

4.4.4 Historical City Directories

City Directories have been published for cities and towns across the US since the 1700s. The directories recorded the name of the resident or business that operated for each street address listed. While city directory coverage is usually comprehensive for major cities, it may be sporadic for rural areas and small towns. The purpose of the City Directory, dated November 21, 2014, research was to attempt to determine the businesses that were historically located onsite (Appendix I).

The Site was identified in the 2008 and 2013 directories as Bank of the West. Marriott International Inc. and Sodexho Corp were also listed at the Site address in 2008, although there is not any other evidence that these entities operated at the Site.

4.4.5 Property Tax Files

Property tax files were not reviewed as they were not reasonably ascertainable.

4.4.6 Recorded Land Title Records

A Historical Chain of Title was prepared for the Site parcel on November 26, 2014. A review of the title records did not identify evidence of hazardous materials utilized onsite. Chain deed information reveals the names of property owners for the Subject Property since 1944 and is included in Appendix C. According to the NETR Environmental Lien Search Report dated November 26, 2014 environmental liens and activity and use limitations were not identified for the Site (Appendix C).

4.4.7 Building Department, Zoning and/or Land Use Records

Building permits were reviewed at the City of Monterey Park Department of Building and Safety on December 1, 2014. Building permit records were available ranging from 1979 through the present. Notes regarding the records reviewed are included in Appendix J. According to the permits, the present commercial structure was completed in 1980 and the present utility building was completed in 1991. The Site was occupied by Lloyd's Bank from initial construction through 1986, by Sanwa Bank from 1986 through 2001, and Bank of the West from 2001 through 2014.

A permit dated August 31, 2006 for the replacement of the generator diesel line appeared to have expired prior to completion of the final inspection. Leighton Consulting conducted a Fueling System Assessment and Bank of the West provided a tank upgrade report indicating that the tanks and associated piping were upgraded in 2006 to bring them into compliance with the current regulatory requirements (Leighton, 2014).

There were also permits for a print shop (2001), a photo room on Level B (2000), a commercial 1,500-gallon grease interceptor (1991, presumed for the kitchen), a photographic lab (1988 and 1982), a cooling tower (1980), and sprinklers above a fuel oil line (1980).

There was also a letter report for compaction of fill beneath the office structure. The report stated that the structure would be supported on drilled piles and that the fill was compacted to 95%. Additional information was not provided.

According to Mr. Jon Traw, Building Official, the City of Monterey Park does not have specific city regulations regarding building on or near abandoned oil wells.

4.4.8 Other Historical Sources

Additional resources were not researched as a part of this assessment.

4.4.9 Prior Assessment Usage

Prior assessments were not reviewed as part of this assessment.

4.4.10 Summary of Historical Land Use

The Site appears to have been vacant, undeveloped land from the late 1920s to the construction of the present day office building in 1980. The facility has been used as a banking operations and office center since 1980 through the present. Two 10,000-gallon diesel USTs were installed in 1981 and a 2,000-gallon diesel UST was installed at the same time as the Utility Building in 1991 in support of three generators. The adjacent property to the south appears to have been a gravel quarry through the 1940s and 1950s. The remaining adjacent properties appear to have been primarily mixed vacant land and residential-use through the 1970s, and primarily commercial and industrial from the late 1970s through the present.

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

On September 16, 2014, Mr. Lucas Wallin from Health Science Associates and Ms. Meredith Church, a registered Professional Geologist with Leighton Consulting, conducted a Site inspection with the assistance of Mr. Joe Revelo, Chief Engineer for the Bank of the West facility. Ms. Meredith Church also inspected the surrounding vicinity on December 1, 2014. The Site inspection consisted of the observation of the site layout, potential hazardous building materials, and existing Site conditions. Photographs of the Site are presented in Appendix B and their view directions are noted on Figure 2.

5.2 General Site Setting

The Site is approximately 15.83 acres in size and is occupied by an office building and a utility building that houses generator, switchgear, and battery rooms. At the time of the Site inspection, the facility was occupied by Bank of the West and was used as an office and operations center. The office building consists of two joined buildings that are each two-stories. Levels A and C are the first floor and second floor of the western building, respectively, and Levels B and D are the first and second floors of the eastern building, respectively. The property is surrounded by a fence and guard shacks are located at the west and east property entrances. A grassy landscaped area is located west and south of the office structure and the remainder of the Site is an asphalt-paved parking lot (Figure 2, Site Plan).

The Site vicinity is primarily comprised of a commercial/light industrial business park, a public park, residential property, and vacant (formerly agricultural) land. A Southern California Edison Transfer Station and former landfill property are located south of Portrero Grande Drive.

5.3 Exterior and Interior Observations

5.3.1 Hazardous Substances, Drums, and Other Chemical Containers

Hazardous materials were observed to be stored in the generator room in 5-gallon buckets up to 55-gallon drum-sized containers and included

compressed oil, oil pit sludge and water, waste diesel/water mix (Photo Nos. 4 and 6). Batteries used in support for the data center were observed in the utility building (Photo No. 7). Chemicals for the cooling equipment, including oxidizers and cooling water scale and corrosion inhibitor, were observed in buckets in a storage room (Level A) and on the roof (the cooling equipment is also located on the roof) (Photo Nos. 11, 15, and 16). Janitorial and general maintenance supplies were observed in retail packaging in the janitor's room located on Level A (Photo No. 9). The hazardous materials observed appeared to be stored appropriately and leaking was not identified.

5.3.2 Underground Storage Tanks (USTs) and Aboveground Storage Tanks (ASTs)

Evidence of two 10,000-gallon and one 2,000-gallon diesel USTs was observed at the Site (Photo Nos. 1, 2, and 12). The USTs feed the emergency generator system and no fuel dispensing activities occur at the Site. There were also three 50-gallon diesel day tank ASTs and three generators located within the generator room of the utility building (Photo Nos. 4 and 5). Evidence of additional USTs or ASTs was not observed.

Leighton Consulting conducted a Fueling System Assessment and according to the documents and information reviewed onsite, the tanks consist of two 10,000-gallon Owens Corning single-wall steel USTs, installed in 1981 and one 2,000-gallon Modern Welding double-wall steel UST installed in 1991. The tanks and associated piping were upgraded in 2006 to bring them into compliance with the current regulatory requirements. The tanks appeared to be in fair condition and leaks were not identified, although there were some code deficiencies and recommendations were provided to achieve code compliance (Leighton Consulting, 2014).

5.3.3 Polychlorinated Biphenyls (PCBs)

PCBs were once used as industrial chemicals whose high stability contributed to both their commercial usefulness and their long-term deleterious environmental and health effects. PCBs can be present in coolants or lubricating oils used in older electrical transformers, hydraulic

systems, and other similar equipment. In 1979, the USEPA generally prohibited the domestic manufacture of PCBs in electrical capacitors, electrical transformers, vacuum pumps, hydraulic pumps, and gas turbines.

One hydraulic elevator is located in the building (Photo No. 8). Mr. Revelo indicated that he was not aware of any mechanical issues or leaking hydraulic fluid associated with the elevator. Several dry-type transformers that do not contain hydraulic fluid were observed at the Site. Evidence of leaking fluid from potential PCB-containing equipment was not observed.

5.3.4 Waste Disposal

Solid waste (non-hazardous) was observed to be disposed of in onsite dumpsters. Staining was not observed in the vicinity of the dumpsters.

5.3.5 Dumping

Evidence of onsite dumping was not observed at the Site.

5.3.6 Pits, Ponds, Lagoons, Septic Systems, Wastewater, Drains, Cisterns, and Sumps

Evidence of pits, ponds, lagoons, septic systems, wastewater, cisterns, and sumps was not observed at the Site. Small floor drains were observed in the bathrooms and kitchen.

5.3.7 Pesticide Use

Evidence of pesticide use was not observed onsite.

5.3.8 Staining and Discolored Soils

Evidence of staining and discolored soils was not observed on the Site.

5.3.9 Stressed Vegetation

Stressed vegetation was not observed onsite.

5.3.10 Unusual Odors

Unusual odors were not detected onsite.

5.3.11 Onsite Wells

Evidence of wells was not observed at the Site.

5.3.12 Other Observations

Potential asbestos-containing materials (ACMs) and lead-based paint (LBP) were observed at the Site. A survey for these materials, including universal waste, was conducted by Health Science Associates on October 4 and 5, 2014. ACMs, LBP, and universal waste were identified during the survey and the locations, estimated quantity, and recommendations for their handling are reported under a separate cover (Health Science Associates, 2014).

6.0 INTERVIEWS

Leighton Consulting conducted interviews with persons having knowledge of current or past Site usage. Interviews were conducted either orally or in the form of a written questionnaire.

6.1 Interview with Owner

The property owner is "Studebaker-Cerritos Project, LLC, a California Limited Liability Company". The owner did not provide an Owner Interview Form to Leighton Consulting for review. A representative from the facility was interviewed, see Section 6.3 for additional information.

6.2 Interview with Site/Property Manager

See Section 6.3.

6.3 Interviews with Occupants

Mr. Joe Revelo, Chief Engineer for the property for approximately 30 years, provided information and access to the site. Areas that contained hazardous materials were made available during a site walk, and are summarized in Section 5.0. Mr. Revelo was not aware of any releases of hazardous materials at the Site.

6.4 Interviews with Local Government Officials

Interviews with Local Government Officials were not conducted other than those noted in Section 3.0.

6.5 Interviews with Others

No other persons were interviewed regarding the Subject Property.

7.0 FINDINGS

Leighton Consulting performed a Phase I ESA of property located at 1977 Saturn Street, Assessor's Parcel Number (APN) 5265-026-054, located in Monterey Park, Los Angeles County, California (Figure 1).

7.1 Onsite

The Site is approximately 15.83 acres in size and appears to have been vacant, undeveloped land from the late 1920s to the construction of the present day office building in 1980. The facility has been used as a banking operations and office center since 1980 through the present. Two 10,000-gallon diesel UST were installed in 1981. A utility building that housed a generator room with three 55-gallon day tank ASTs and a 2,000-gallon diesel UST were installed in 1991. The USTs feed the emergency generator system and no dispensing activities occur at the Site.

Damage to the single-walled copper diesel fuel line for the west UST was identified in 1991. The damaged line was uncovered and a temporary repair was completed. UST monitoring system indicated leakage. A release of fuel was not reported in the documents reviewed. Leighton Consulting conducted a Fueling System Assessment and according to the documents and information reviewed onsite, the tanks and associated piping were upgraded in 2006 to bring them into compliance with the current regulatory requirements (Leighton Consulting, 2014). The tanks appeared to be in fair condition and leaks were not identified, although there were some code deficiencies and recommendations were provided to achieve code compliance (Leighton Consulting, 2014).

A subsurface environmental assessment was conducted by LACDPW to assess potential releases from the onsite USTs and significant soil contamination was not identified (LACDPW, 2014). Based on the results, LACDPW found no evidence suggesting a fuel release from the USTs and concluded that site was not impacted in the areas assessed. No further assessment was recommended.

Hazardous materials observed in up to 55-gallon drum-sized containers included compressed oil, oil pit sludge and water, waste diesel/water mix, and chemicals for the cooling equipment located on the roof. The hazardous materials were stored in the generator room, Level A storage room, and the roof. Batteries used in support for the data center were observed in the utility building. The

hazardous materials observed appeared to be stored appropriately and leaking was not identified.

Permits indicate that there was a print shop and photo room previously located within the office building and there was an industrial wastewater discharge permit to the sewer that was closed in December of 1998. There was also a commercial grease interceptor installed at the facility that appears to be associated with the kitchen area.

One plugged and abandoned oil well, API 03720192, is identified on the DOGGR map in the southwest corner of the grassy field west of the building (Figure 3). The well, identified as Bradford Bishop "Monterey Park" 1 was reportedly drilled in July 1967 to a total depth of 7,920 feet bgs and was subsequently abandoned in late July 1967. The well never produced petroleum hydrocarbons. The precise well location was not able to be determined utilizing historical records and the well appears to be possibly located onsite or offsite to the south (App. J, DOGGR Records Section).

Groundwater is expected to be in excess of approximately 60 feet bgs based on groundwater wells in the surrounding vicinity. The groundwater flow in the Site vicinity is anticipated to be southwest based on the surface topography.

7.2 Offsite

The adjacent property to the south appears to have been a quarry and gravel pit through the 1940s and 1950s. The remaining adjacent properties appear to have been primarily mixed vacant land and residential-use through the 1970s, and primarily commercial and light industrial from the late 1970s through the present.

South of Portrero Grande Drive exist a Southern California Edison Transfer Station followed by the former OII Landfill which is on the Federal Superfund/NPL list. The nearest limit of the closed landfill appears to be approximately 2000 feet southeast of the Site. The nearest edge of the NPL area indicating the groundwater compliance line for the OII Landfill monitoring program is approximately 750 feet south of the Site. Because OII is hydraulically down-gradient and subject to regulatory actions and involvement, this facility is not expected to significantly impact the Site.

Additional surrounding properties that appeared likely to adversely affect the Site were not identified on the EDR® Radius Report.

7.3 Data Gaps

ASTM E 1527-13 requires review of standard historical sources (SHS) at approximate five-year intervals from at least 1940 to the present, or the earliest development of the site. The availability of extensive historical information varies significantly between locations and it is common to have gaps in the data for one or more of the periods where historical property uses are unknown or uncertain. There is also a potential for unidentified uses to have occurred between data points, or prior to the earliest acquired data.

The earliest data acquired for the Subject Property regarding past property usage was from 1928. Certain rooms were not inspected due to banking security reasons; however, areas that could have potentially contained hazardous chemicals or materials were made available during the site walk. Therefore this data gap is not expected to alter the conclusions or recommendations.

8.0 OPINION

8.1 Onsite

A damaged diesel fuel line was identified in 1991; however, a release to soil was not noted in the documents reviewed and based on the repair documented under LACDPW oversight and the subsequent fuel line upgrades in 2006, this incident is not considered a REC. A subsurface environmental assessment was conducted by LACDPW to assess potential releases from the 10,000-gallon and 2,000-gallon USTs and fuel lines and significant soil contamination was not identified (LACDPW, 2014). Based on this information, the USTs are not considered to be RECs. Although evidence of a release (REC) was not identified, Leighton Consulting conducted a Fueling System Assessment and noted some code deficiencies and recommendations were provided to achieve code compliance (Leighton Consulting, 2014). If the USTs are not going to be used for future proposed operations, Leighton Consulting recommends removing the USTs according to applicable regulatory guidelines and observing for evidence of releases beneath the tanks and piping.

A survey for asbestos, lead, and universal waste was conducted and these materials were identified at specific locations onsite (HSA, 2014). Although not considered a REC, Leighton Consulting recommends that the hazardous materials identified in the report should be handled appropriately prior to renovation or demolition activities that may disturb these materials.

Records indicate that banking operations formerly included a small onsite print shop and photo room with an industrial waste permit to discharge the waste to the sewer. Based on the small-scale operation that appeared to be conducted at the facility and the appropriate discharge to the sewer system, the activity is not considered a REC; however, if the building and associated utilities are demolished in the future Leighton Consulting recommends observing for evidence of releases beneath the sewer utility lines.

The DOGGR oil well map plots an oil well (API 03720192) near the southwest border of the Site (Figure 3). The accuracy of the well location is generally close; however, the actual location may vary (estimated approximately ±200 feet) and a geophysical survey and/or direct exploration is needed to assess the well location. An oil well map reviewed in the DOGGR records appear to indicate that the well is

on, or very near, the southwestern property border (Appendix J). It is Leighton Consulting's opinion that the location of this well should be further investigated prior to any new building construction in this area.

8.2 Offsite

A search of selected government databases was conducted by Leighton Consulting using the EDR® Radius Report, dated November 20, 2014. It is Leighton Consulting's opinion that facilities were not identified on the EDR® Radius Report that appeared to represent a potential source of migration of hazardous substances to the Site.

9.0 CONCLUSIONS AND RECOMMENDATIONS

Leighton Consulting performed a Phase I ESA for the Site in conformance with the scope and limitations of ASTM Practice E1527-13. Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report. This assessment has revealed no evidence of RECs, HRECs, or CRECs in connection with the property.

Although not considered RECs, Leighton Consulting identified the environmental conditions and recommends the following actions:

- One plugged and abandoned oil well, API 03720192, is identified on the DOGGR map in the southwest portion of the Site (Figure 3). The well was abandoned in 1967 and never produced petroleum hydrocarbons. Leighton Consulting recommends a geophysical survey to assess the location of the former oil well prior to new construction in this portion of the Site. If an oil well is identified at the Site, DOGGR should be contacted to evaluate current requirements for investigation and possible re-abandonment before any improvements commence at the Site.

- There are three diesel USTs present at the Site that are used for the backup generator system. Release of fuel was not identified during this Phase I ESA or during a subsurface soil investigation conducted by LACDPW (LACDPW, 2014). A Fueling System Assessment was conducted and the tanks appeared to be in fair condition. However, recommendations to rectify some code deficiencies are provided under separate cover (Leighton Consulting, 2014). If the USTs are not going to be used for proposed future operations, Leighton Consulting recommends removing the USTs according to applicable regulatory guidelines and observing for evidence of releases beneath the tanks and piping.

- There was previously a small onsite print shop and photo room with an industrial waste permit to discharge the waste to the sewer. Inappropriate discharge or leaks were not reported; however, Leighton Consulting recommends observing for evidence of potential releases beneath the sewer lines if the building and associated utilities are demolished.

- ACMs, LBP, and universal waste are located within the onsite structures. The locations, estimated quantity, and recommendations for their handling, if disturbed during renovation or demolition activities, are reported under a separate cover (Health Science Associates, 2014).

In general, observations should be made during any future Site development for areas of possible contamination such as, but not limited to, the presence of underground facilities, buried debris, buried wells, waste drums, tanks, staining soil or odorous soils. Should such materials be encountered, further investigation and analysis may be necessary at that time.

10.0 DEVIATIONS

Leighton Consulting did not deviate from or alter the scope of work, as defined in Section 1.3 of this report, in any way.

11.0 ADDITIONAL SERVICES

Leighton Consulting did not perform any work outside the scope of work as defined in Section 1.3 of this report.

12.0 QUALIFICATIONS

12.1 Corporate

Leighton Consulting, Inc. is a California corporation, providing geotechnical and environmental consulting services throughout California. We are solely a consulting firm without interests in real property other than our eight offices in Southern California. We provide professional environmental consulting services including application of science and engineering to environmental compliance, hazardous materials/waste assessment and cleanup, and management of hazardous, solid and industrial waste. Phase I Environmental Site Assessments are a part of this practice area and have been conducted by us.

12.2 Individual

The qualifications of the Project Manager and the other Leighton Consulting environmental professionals involved in this Phase I ESA meet the Leighton Consulting corporate requirements for performing Phase I ESAs as specified by ASTM 1527-13. In addition, Ms. Meredith Church is a Professional Geologist.

12.3 Environmental Professional Statement

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental professional as defined by §312.10 of 40 CFR Part 312.

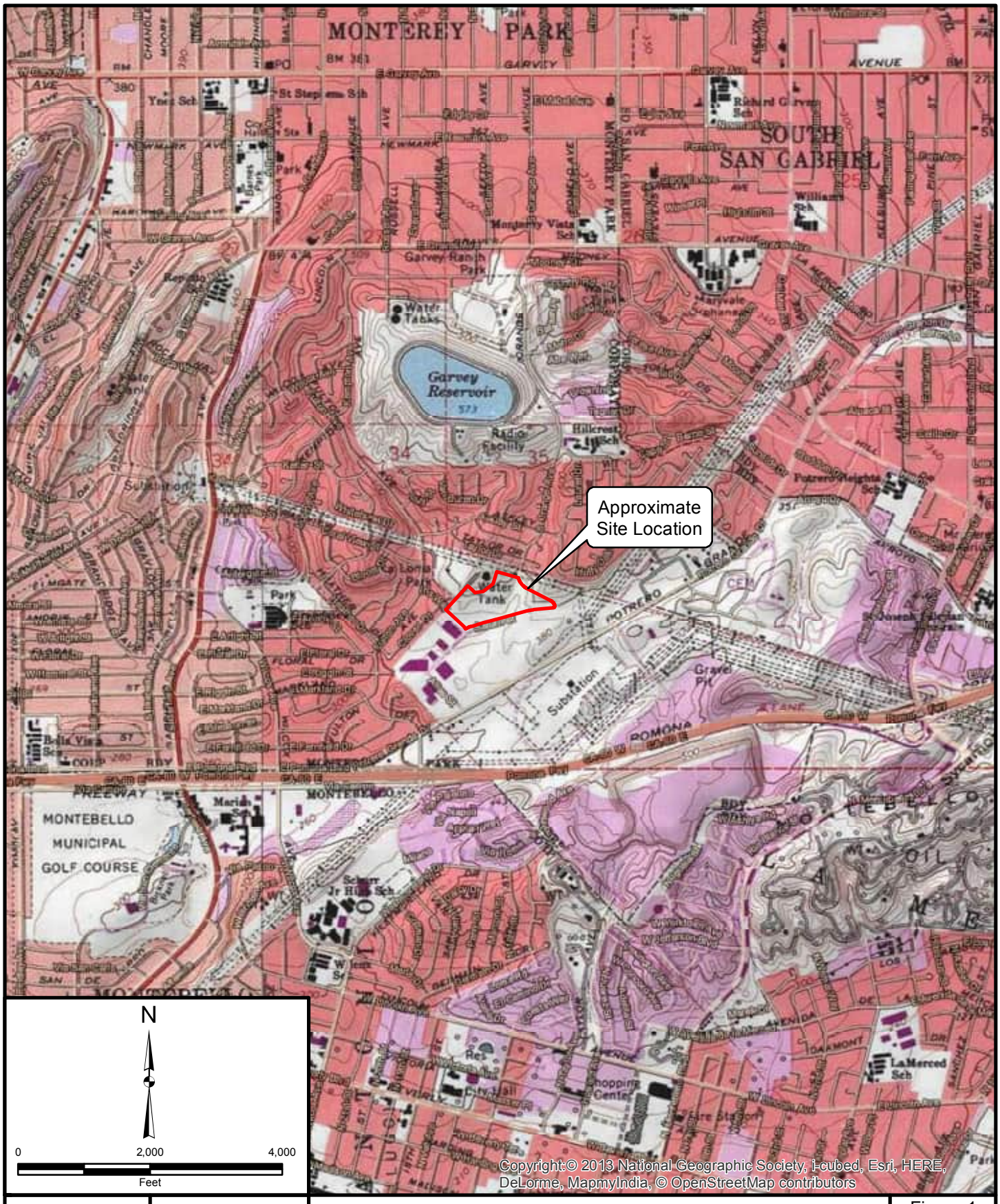
I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Meredith Church

Meredith Church, PG
Senior Project Geologist



Leighton



Project: 603287-038	Eng/Geol: MDC
Scale: 1 " = 2,000 '	Date: December 2014

Base Map: ESRI ArcGIS Online 2014
Thematic Information: Leighton
Author: Leighton Geomatics (cgiovando)

SITE LOCATION MAP

1977 Saturn Street
Monterey Park, California

Figure 1

Leighton

Map Saved as V:\drafting\603287\038\Maps\603287-038_F01_SLM_2014-12-02.mxd on 12/2/2014 2:56:11 PM



Project: 603287-038	Eng/Geol: MDC
Scale: 1 " = 100 '	Date: December 2014

Base Map: ESRI ArcGIS Online 2014
Thematic Information: Leighton
Author: Leighton Geomatics (cgiovando)

SITE PLAN

1977 Saturn Street
Monterey Park, California

Figure 2

Leighton

Map Saved as V:\drafting\603287\038\Maps\603287-038_F02_SP_2014-12-02.mxd on 12/3/2014 12:10:47 PM



N

0 300 600

Feet

Project: 603287-038	Eng/Geol: MDC
Scale: 1 " = 300 '	Date: December 2014

Base Map: ESRI ArcGIS Online 2014
Thematic Information: Leighton, CA Dept. of Conservation
Author: Leighton Geomatics (cgiovando)

DOGGR OIL WELL MAP

1977 Saturn Street
Monterey Park, California

Figure 3

Leighton

Map Saved as V:\drafting\603287\038\Maps\603287-038_F03_DOWM_2014-12-02.mxd on 12/2/2014 3:38:40 PM

APPENDIX A

APPENDIX A

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APPENDIX A (Continued)

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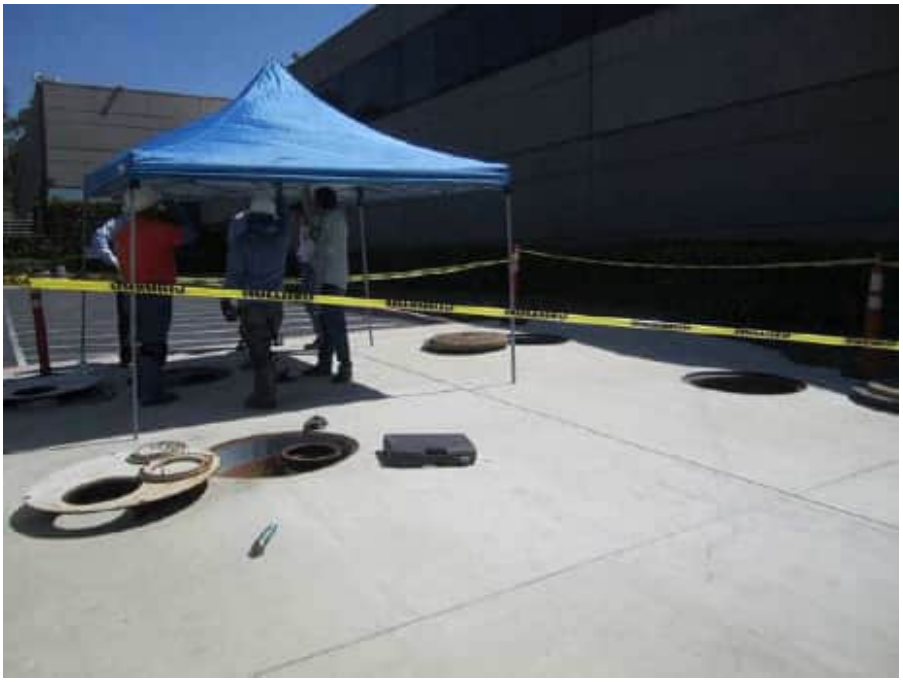
APPENDIX B

SITE PHOTOS

PHOTO NO. 1:
View of the west end of the Generator Building and the primary Bank of the West facility in the background. Note the blue tent at the right side of the photo where two 10,000-gallon diesel underground storage tanks (USTs) are located.



PHOTO NO. 2:
View of the location of two 10,000-gallon diesel USTs. A concurrent fueling system assessment was conducted by Leighton Consulting.



SITE PHOTOS

PHOTO NO. 3:
View of the generator building.



PHOTO NO. 4:
View of three day tanks located inside the generator room.



SITE PHOTOS

PHOTO NO. 5:
View of the generators.



PHOTO NO. 6:
Hazardous materials were stored inside the generator room and included compressed oil, oil pit sludge and water, and waste diesel/water mix stored in 5-gallon buckets or 55-gallon drums.



SITE PHOTOS

PHOTO NO. 7:
View of the battery room located in the east side of the generator building. The batteries are DataSafe D lead calcium flat plate batteries used by large data centers.



PHOTO NO. 8:
View of the elevator room located in the A-level first floor.



SITE PHOTOS

PHOTO NO. 9:
View of the janitorial supply closet located in the A-level first floor.



PHOTO NO. 10:
View of a compressor located in the A-level first floor.



SITE PHOTOS

PHOTO NO. 11:
View of the storage room located in the vicinity of the UST pump room on A-level first floor. Hazardous materials were not stored in this area with the exception of tubs containing 55-pounds of alkaline cooling water scale and corrosion inhibitor that is used in the cooling equipment on the roof.



PHOTO NO. 12:
View of the pump room showing the UST veeder root and pump control panel located on A-level first floor.



SITE PHOTOS

PHOTO NO. 13:
View of the kitchen and a floor drain.



PHOTO NO. 14:
View of the roof, facing west.



SITE PHOTOS

PHOTO NO. 15:
View of the cooling equipment located on the roof.



PHOTO NO. 16:
View of the cooling equipment chemicals, including cooling water scale and corrosion inhibitor (West C-342T) and an oxidizer (West C-114).



SITE PHOTOS

PHOTO NO. 17:
View of the rear parking lot from the roof, facing west.



PHOTO NO. 18:
View of the front parking lot from the roof, facing south.



APPENDIX C

The NETR Environmental Lien Search Report

1977 SATURN STREET
MONTEREY PARK, CALIFORNIA

Wednesday, November 26, 2014

Project Number: L14-02531

2055 East Rio Salado Parkway
Tempe, Arizona 85281

Telephone: 480-967-6752
Fax: 480-966-9422

ENVIRONMENTAL LIEN REPORT

The NETR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied property information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' office, registries of deed, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved and description); and
- provide a copy of the deed or cite documents reviewed;

Thank you for your business
Please contact NETR at 480-967-6752
with any questions or comments

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ENVIRONMENTAL LIEN REPORT

The NETR Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

TARGET PROPERTY INFORMATION

ADDRESS

1977 Saturn Street
Monterey Park, California

RESEARCH SOURCE

Source: Los Angeles County Assessor
Los Angeles County Recorder

DEED INFORMATION

Type of Instrument: Corporation Grant Deed

Grantor: Bank of the West, a California corporation, successor by merger to Lloyds Bank California, a California banking corporation

Grantee: 1977 Saturn, LLC, a Delaware limited liability company

Deed Dated: 06/22/2007
Deed Recorded: 06/29/2007
Instrument: 20071564534

LEGAL DESCRIPTION

Parcel 5 of Parcel Map Number 7972, according to the map or plat thereof, as filed of record in Book 80, Pages 45 & 46, and Lots 1, 2, 3 & 16 of Tract 33910, according to the map or plat thereof, as filed of record in Book 909, Page 76 to 79, Los Angeles County, State of California

Assessor's Parcel Number(s): 5265-026-054

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found ☐ Not Found ☒

This page is part of your document - DO NOT DISCARD

20071564534 Pages: 005

Recorded/Filed in Official Records
Recorder's Office, Los Angeles County,
California

06/29/07 AT 08:00AM

Fee: 40.00
Tax: NFPR
Other: 0.00
Total: NFPR

Title Company

TITLE(S) : DEED



Assessor's Identification Number (AIN)
To be completed by Examiner OR Title Company in black ink.

Number of AIN's Shown

THIS FORM IS NOT TO BE DUPLICATED

CHICAGO TITLE COMPANY

RECORDING REQUESTED BY

CHICAGO TITLE COMPANY

WHEN RECORDED RETURN TO AND
MAIL TAX STATEMENTS TO:

GE Commercial Finance Business
Property Corporation
10900 N.E. 4th Street, Suite 800
Bellevue, WA 98004
Attn: Trish Bars

6/29/07

20071564534

TRANSFER TAX
NOT A PUBLIC RECORD

DOCUMENTARY TRANSFER TAX TRANSFER TAX NOT MADE PART OF THE PERMANENT RECORD

X Computed on the consideration or value of property conveyed; OR

Computed on the consideration or value less liens or encumbrances remaining at time of sale

Assessor's Parcel No. 5265-026-054

CORPORATION GRANT DEED

BANK OF THE WEST, a California corporation, successor by merger to Lloyds Bank California, a California banking corporation (hereinafter called "**Grantor**"), for and in consideration of the sum of Ten Dollars ($10.00) and other valuable consideration paid to Grantor by **1977 SATURN LLC**, a Delaware limited liability company (hereinafter called "**Grantee**"), the receipt and sufficiency of which are hereby acknowledged, has GRANTED, BARGAINED, SOLD, ALIENED, REMISED, RELEASED, CONVEYED and CONFIRMED, and does hereby GRANT, BARGAIN, SELL, ALIEN, REMISE, RELEASE, CONVEY, and CONFIRM to Grantee, the real property described in ***Exhibit A*** attached hereto and made a part hereof (the "Land"), together with all buildings and other improvements situated thereon, all fixtures and other property affixed thereto (collectively, the "Improvements") and all right, title and interest of Grantor in and to adjacent streets, alleys and rights-of-way, and all tenements, hereditaments, and appurtenances.

Without limitation of the generality of the foregoing, by this deed, Grantor hereby conveys to Grantee all of Grantor's right, title and interest in and to (i) the Improvements, which Improvements were owned by Grantor, as lessee under that certain lease dated July 1, 1979, a short form of which was recorded July 16, 1979 as Instrument No. 79-771036, and (ii) to the Land, which Land was acquired by Grantor pursuant to deed recorded December 16, 1985 as Instrument No. 85-145623-9. Upon the conveyance of the Land to Grantor pursuant to such deed, fee title to and ownership of the Land and Improvements were merged.

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5265-026-054

7106 5751-X49

IN WITNESS WHEREOF, this Deed is executed by Grantor to be effective as of the 22nd day of June, 2007

GRANTOR:

BANK OF THE WEST, a California corporation

By: _____

Name: John D. Thomason

Title: Executive Vice President

07 1564534

STATE OF CALIFORNIA)
)
COUNTY OF SAN FRANCISCO)

On June 22, 2007, before me, Daniel Tondeau, Notary Public personally appeared John D. Thomasen proved to be on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that his signature on the instrument, the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature: _____

DANIEL TONDEAU
Commission # 1721731
Notary Public - California
San Francisco County
My Comm. Expires Jun 28, 2011

5

EXHIBIT A

LEGAL DESCRIPTION

PARCEL 1:

PARCEL 5 OF PARCEL MAP NO. 7972, IN THE CITY OF MONTEREY PARK, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP FILED IN BOOK 83 PAGES 45 AND 46 OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY

ALSO EXCEPTING ALL OIL, GAS, HYDROCARBON SUBSTANCES, AND ALL MINERALS OF EVERY KIND, NATURE AND DESCRIPTION BEING MORE THAN 500 FEET BELOW THE SURFACE OF THE REAL PROPERTY WITHOUT THE RIGHT OF ENTRY FOR ANY PURPOSE WHATSOEVER UPON, OVER OR INTO THE SURFACE OR 500 FEET OF THE SURFACE OF THE REAL PROPERTY, AS RESERVED BY LOWRY B. MCCASLIN AND PAULINE C. MCCASLIN, HUSBAND AND WIFE AND MCCASLIN PROPERTIES, A CALIFORNIA GENERAL PARTNERSHIP, BY DEED RECORDED DECEMBER 10, 1985 AS INSTRUMENT NO. 85-1456239, OFFICIAL RECORDS.

PARCEL 2:

LOTS 1, 2, 3 AND 16 OF TRACT NO. 35910, IN THE CITY OF MONTEREY PARK, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 909 PAGES 76 TO 79 INCLUSIVE OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

ALSO EXCEPTING ALL OIL, GAS, HYDROCARBON SUBSTANCES, AND ALL MINERALS OF EVERY KIND, NATURE AND DESCRIPTION BEING MORE THAN 500 FEET BELOW THE SURFACE OF THE REAL PROPERTY WITHOUT THE RIGHT OF ENTRY FOR ANY PURPOSE WHATSOEVER UPON, OVER OR INTO THE SURFACE OR 500 FEET OF THE SURFACE OF THE REAL PROPERTY, AS RESERVED BY LOWRY B. MCCASLIN AND PAULINE C. MCCASLIN, HUSBAND AND WIFE AND MCCASLIN PROPERTIES, A CALIFORNIA GENERAL PARTNERSHIP, BY DEED RECORDED DECEMBER 10, 1985 AS INSTRUMENT NO. 85-1456239, OFFICIAL RECORDS.

Assessor's Parcel Number: 5265-026-054

07 1569539

2055 East Rio Salado Parkway, Suite 201
Tempe, Arizona 85281
Phone: (480) 967-6752
Fax Number: (480) 966-9422
Web Site: www.netronline.com

HISTORICAL CHAIN OF TITLE REPORT

1977 SATURN STREET
MONTEREY PARK, CALIFORNIA

Submitted to:

LEIGHTON CONSULTING, INC.
17781 Cowan
Irvine, California 92614

Attention: Meredith Church

Project No. N14-02530

Wednesday, November 26, 2014

NETR - Real Estate Research & Information hereby submits the following ASTM historical chain-of-title to the land described below, subject to the leases/miscellaneous shown in Section 2. Title to the estate or interest covered by this report appears to be vested in:

1977 SATURN, LLC, A DELAWARE LIMITED LIABILITY COMPANY

The following is the current property legal description:

Parcel 5 of Parcel Map Number 7972, according to the map or plat thereof, as filed of record in Book 80, Pages 45 & 46, and Lots 1, 2, 3 & 16 of Tract 33910, according to the map or plat thereof, as filed of record in Book 909, Page 76 to 79, Los Angeles County, State of California

Assessor's Parcel Number(s): 5265-026-054

1. HISTORICAL CHAIN OF TITLE

1. TAX DEED
   - RECORDED: 08/16/1944
   - GRANTOR: Tax Collector of Los Angeles County
   - GRANTEE: City of Monterey Park
   - INSTRUMENT: 1333

2. DEED
   - RECORDED: 01/04/1945
   - GRANTOR: City of Monterey Park
   - GRANTEE: Lowry B. McCaslin
   - INSTRUMENT: 1686

3. DEED
   - RECORDED: 11/27/1970
   - GRANTOR: Lowry B. McCaslin
   - GRANTEE: N. J. Lockman
   - INSTRUMENT: 3073

4. DEED
   - RECORDED: 11/27/1970
   - GRANTOR: N. J. Lockman
   - GRANTEE: Lowry B. McCaslin
   - INSTRUMENT: 3074

5. QUIT CLAIM DEED
   - RECORDED: 01/11/1973
   - GRANTOR: Pauline C. McCaslin
   - GRANTEE: Lowry B. McCaslin, Trustee for the Lowry B. McCaslin Family Trust
   - INSTRUMENT: 2470

6. DEED
   - RECORDED: 01/11/1973
   - GRANTOR: Lowry B. Caslin
   - GRANTEE: Lowry B. McCaslin, Trustee for the Lowry B. McCaslin Family Trust
   - INSTRUMENT: 2471
   - COMMENTS: As to a part

7. DEED

RECORDED:	01/11/1973
GRANTOR:	Lowry B. Caslin
GRANTEE:	Lowry B. McCaslin, Trustee for the Lowry B. McCaslin Family Trust
INSTRUMENT:	2472
COMMENTS:	As to a part

8. DEED

RECORDED:	01/11/1973
GRANTOR:	Lowry B. Caslin
GRANTEE:	Lowry B. McCaslin, Trustee for the Lowry B. McCaslin Family Trust
INSTRUMENT:	2474
COMMENTS:	As to a part

9. GRANT DEED

RECORDED:	12/28/1977
GRANTOR:	Lowry B. McCaslin, Trustee for the Lowry B. McCaslin Family Trust
GRANTEE:	Lowry B. McCaslin & Pauline C. McCaslin, husband and wife, as to an undivided 14/45 interest
INSTRUMENT:	1433081
COMMENTS:	As to Parcel 5 of Parcel Map Number 7972

10. GRANT DEED

RECORDED:	12/28/1977
GRANTOR:	Lowry B. McCaslin & Pauline C. McCaslin, husband and wife
GRANTEE:	Camilla McCaslin, Mary L. Regas, Candice Munroe, Catherine Dillavou, Lowry M. McCaslin, John C. McCaslin, and Margaret M. McCaslin, each to an undivided 1/45 interest
INSTRUMENT:	1433082
COMMENTS:	As to Parcel 5 of Parcel Map Number 7972

11. GRANT DEED

RECORDED:	01/19/1978
GRANTOR:	Lowry B. McCaslin & Pauline C. McCaslin, husband and wife
GRANTEE:	Camilla McCaslin, Mary L. Regas, Candice Munroe, Catherine Dillavou, Lowry M. McCaslin, John C. McCaslin, and Margaret M. McCaslin, each to an undivided 1/45 interest
INSTRUMENT:	74712
COMMENTS:	As to Parcel 5 of Parcel Map Number 7972

12. QUIT CLAIM DEED

RECORDED:	07/16/1979
GRANTOR:	Pauline McCaslin
GRANTEE:	Lowry B. McCaslin
INSTRUMENT:	771033

13. QUIT CLAIM DEED

RECORDED:	07/16/1979
GRANTOR:	James Dickerson Dillavou
GRANTEE:	Catherine McCaslin Dillavou
INSTRUMENT:	771034

14. GRANT DEED

RECORDED:	12/04/1981
GRANTOR:	Lowry B. McCaslin, Trustee for the Lowry B. McCaslin Family Trust
GRANTEE:	Lowry B. McCaslin & Pauline C. McCaslin, husband and wife
INSTRUMENT:	1188283
COMMENTS:	As to an undivided 84% interest in Parcel 5 (Parcel Map No. 7972) and all of Lots 1, 2, 3, & 16 (Tract 33910)

15. GRANT DEED

RECORDED:	12/04/1981
GRANTOR:	Lowry B. McCaslin & Pauline C. McCaslin, husband and wife
GRANTEE:	McCaslin Properties, a California general partnership
INSTRUMENT:	1188304
COMMENTS:	As to an undivided 84% interest in Parcel 5 (Parcel Map No. 7972) and all of Lots 1, 2, 3, & 16 (Tract 33910)

16. QUIT CLAIM DEED

RECORDED:	07/25/1982
GRANTOR:	McCaslin Properties, a California general partnership
GRANTEE:	Lowry B. McCaslin & Pauline C. McCaslin, husband and wife, as to an undivided 39% interest
INSTRUMENT:	644230
COMMENTS:	As to Parcel 5 of Parcel Map Number 7972; This document was re-recorded from Document 1981-1188304 to correct the percentage of interest conveyed. The Grantor was given 84% interest when the Grantees only held 45% interest.

17. GRANT DEED

RECORDED:	07/27/1982
GRANTOR:	Camilla McCaslin, Mary L. Regas, formerly known as Mary L. Smith, Candace McCaslin, formerly known as Candace Munroe, Catherine Dillavou, Lowry M. McCaslin, John C. McCaslin, and Margaret M. McCaslin, each to an undivided 1/7 interest
GRANTEE:	McCaslin Properties, a California general partnership, as to an undivided 55% interest
INSTRUMENT:	753158
COMMENTS:	As to Parcel 5 of Parcel Map Number 7972

18. GRANT DEED

RECORDED:	12/10/1985
GRANTOR:	Lowry B. McCaslin & Pauline C. McCaslin, husband and wife; and McCaslin Properties, a California general partnership
GRANTEE:	Lloyds Bank California, a California banking corporation
INSTRUMENT:	1456239
COMMENTS:	As to All

19. CORPORATION GRANT DEED

RECORDED:	06/29/2007
GRANTOR:	Bank of the West, a California corporation, successor by merger to Lloyds Bank California, a California banking corporation
GRANTEE:	1977 Saturn, LLC, a Delaware limited liability company
INSTRUMENT:	20071564534

2. LEASES AND MISCELLANEOUS

1. A search of encumbrances was not part of the scope of work for this report.

LIMITATION

This report was prepared for the use of Leighton Consulting, Inc., exclusively. This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. NETR- Real Estate Research & Information does not guarantee nor include any warranty of any kind whether expressed or implied, about the validity of all information included in this report since this information is retrieved as it is recorded from the various agencies that make it available. The total liability is limited to the fee paid for this report.

APPENDIX D

Leighton

Phase I ESA Users Questionnaire

Project Name: 1977 Saturn Street

Complete and Correct Address(es) of the Property and APN(s):

1977 Saturn Street, Monterey Park California 91766

User Company Name:	**User Name/Title:**
LACoDPW	Gregory Sena FG

User Phone/Email: (626) 458-7626 / gsena@dpw.lacounty.gov

Interviewee Name and Relationship to Project:

Gregory Sena / Project Manager

Site Owner: GE Capital

Reason Phase I is required:

Property Acquisition

Type of property:

Commercial - Building Complex and Parking Lot

Type of property transaction (e.g., Sale, purchase, exchange):

Due Diligence for Property Acquisition

Any scope of services beyond the ASTM Practice E 1527:

Building Material Survey and Subsurface Soil Assessment

All Parties that will rely on the Phase I report:

County DPW and CEO

Name and Contact Information for Site Contact:

N/A

Any special terms or conditions:

N/A

Any other pertinent knowledge or experience with the property (e.g., prior reports, documents, correspondence concerning the environmental conditions of the property):

Files from Public Works Environmental Programs Division - Forwarded.

(1). Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).

Did a search of recorded land title records (or judicial records where appropriate identify any environmental liens filed or recorded against the property under federal, tribal, state or local law? Yes | ✓ No

If Yes, Describe:

(2). Activity and land use limitations (AULs) that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).

Did a search of recorded land title records (or judicial records where appropriate) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law? Yes | ✓ No

If Yes, Describe:

(3). Specialized knowledge or experience of the person seeking to qualify for the Landowners Liability Protections (LLP) (40 CFR 312.28).

Do you have any specialized knowledge or experience related to the property or the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes | ✓ No

If Yes, Describe:

(4). Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 DRF 312.29).

Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

✓ Yes | No

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? Yes | ✓ No

If Yes, Describe:

(5). Commonly known or reasonable ascertainable information about the property (40 CFR 312.30).

Are you aware of commonly known or *reasonably ascertainable* information about the property that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as user,

(a.) Do you know the past uses of the property? ✓ Yes | No

(b.) Do you know of specific chemicals that are present or once were present at the property? ✓ Yes | No

(c.) Do you know of spills or other chemical releases that have taken place at the property? ✓ Yes | No

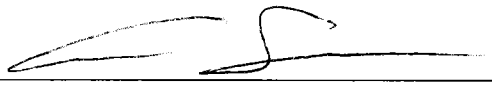
(d.) Do you know of any environmental cleanups that have taken place at the property? ✓ Yes | No

If Yes, Describe: Vacant Land Prior. Diesel Fuel USTs and fuel line release in the past.

(6). The degree of obviousness of the presence of likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

Based on your knowledge and experience related to the *property*, are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property?* Yes | ✓ No

If Yes, Describe:



Signature

December 10, 2014

Date

APPENDIX E

1977 Saturn Street
1977 Saturn Street
Monterey Park, CA 91755

Inquiry Number: 4140292.4
November 20, 2014

EDR Historical Topographic Map Report

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EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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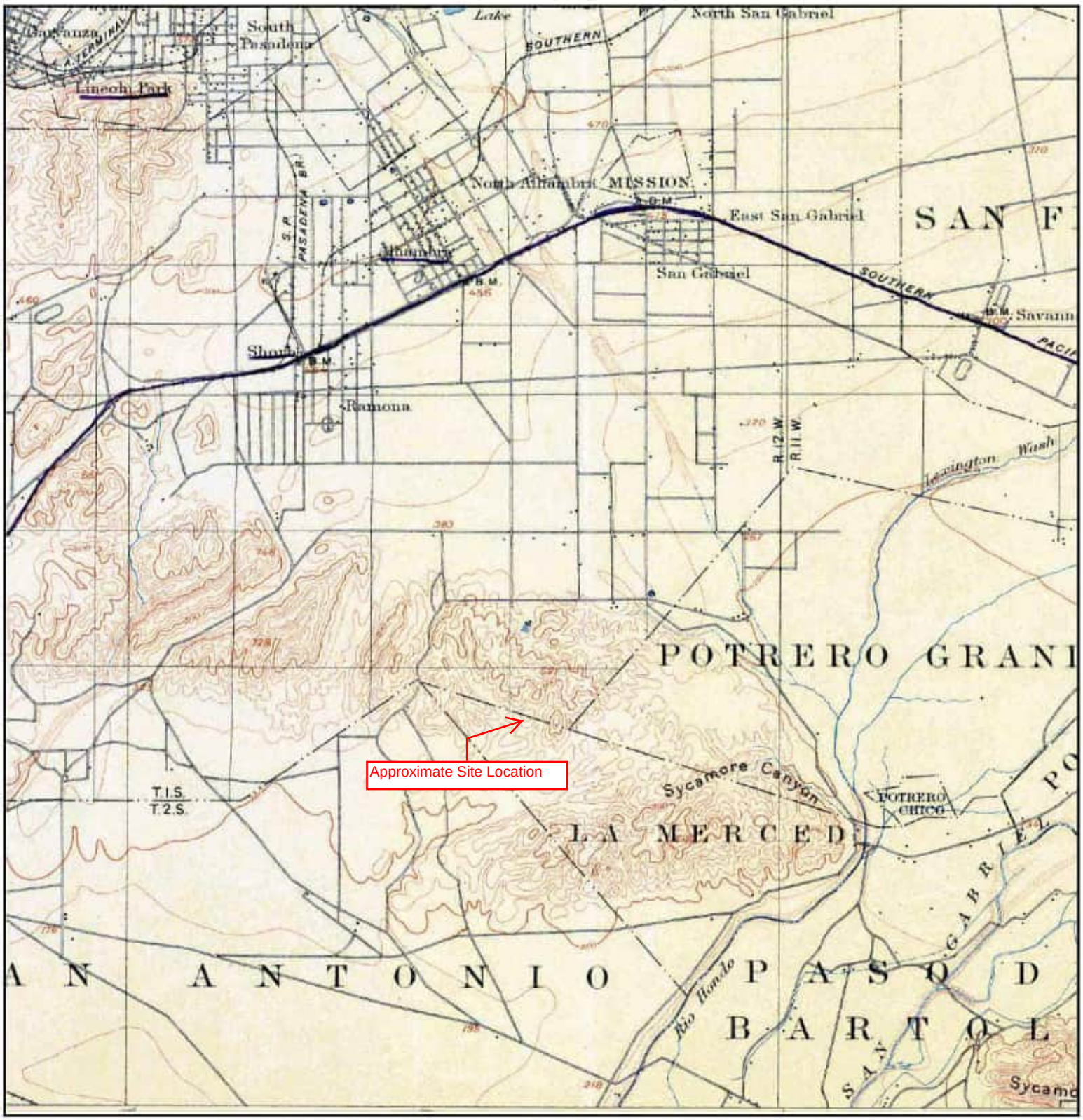
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Historical Topographic Map



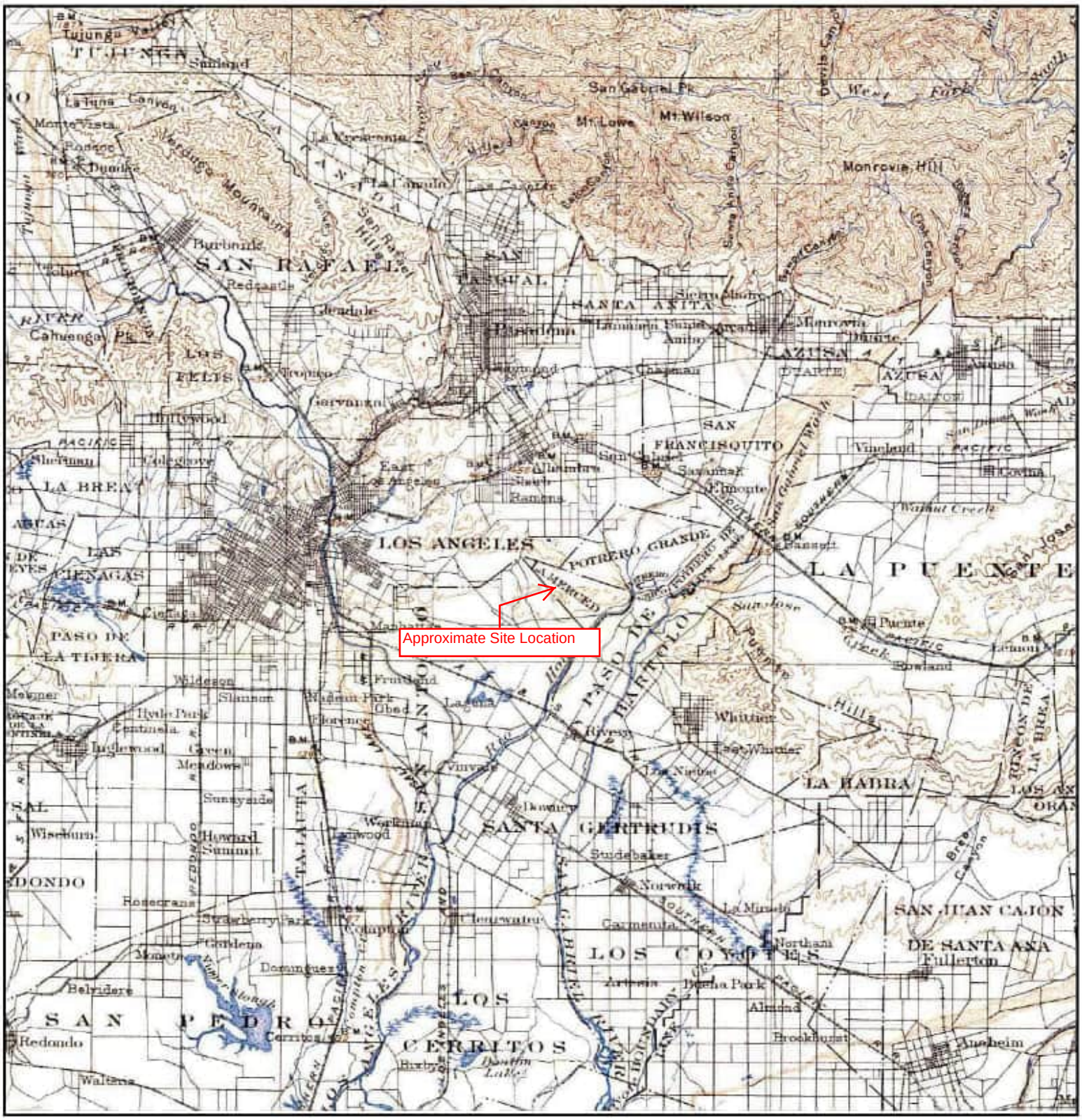
N	TARGET QUAD NAME: PASADENA MAP YEAR: 1896 SERIES: 15 SCALE: 1:62500	SITE NAME: 1977 Saturn Street ADDRESS: 1977 Saturn Street Monterey Park, CA 91755 LAT/LONG: 34.04 / -118.1134	CLIENT: Leighton Consulting CONTACT: Meredith Church INQUIRY#: 4140292.4 RESEARCH DATE: 11/20/2014

Historical Topographic Map



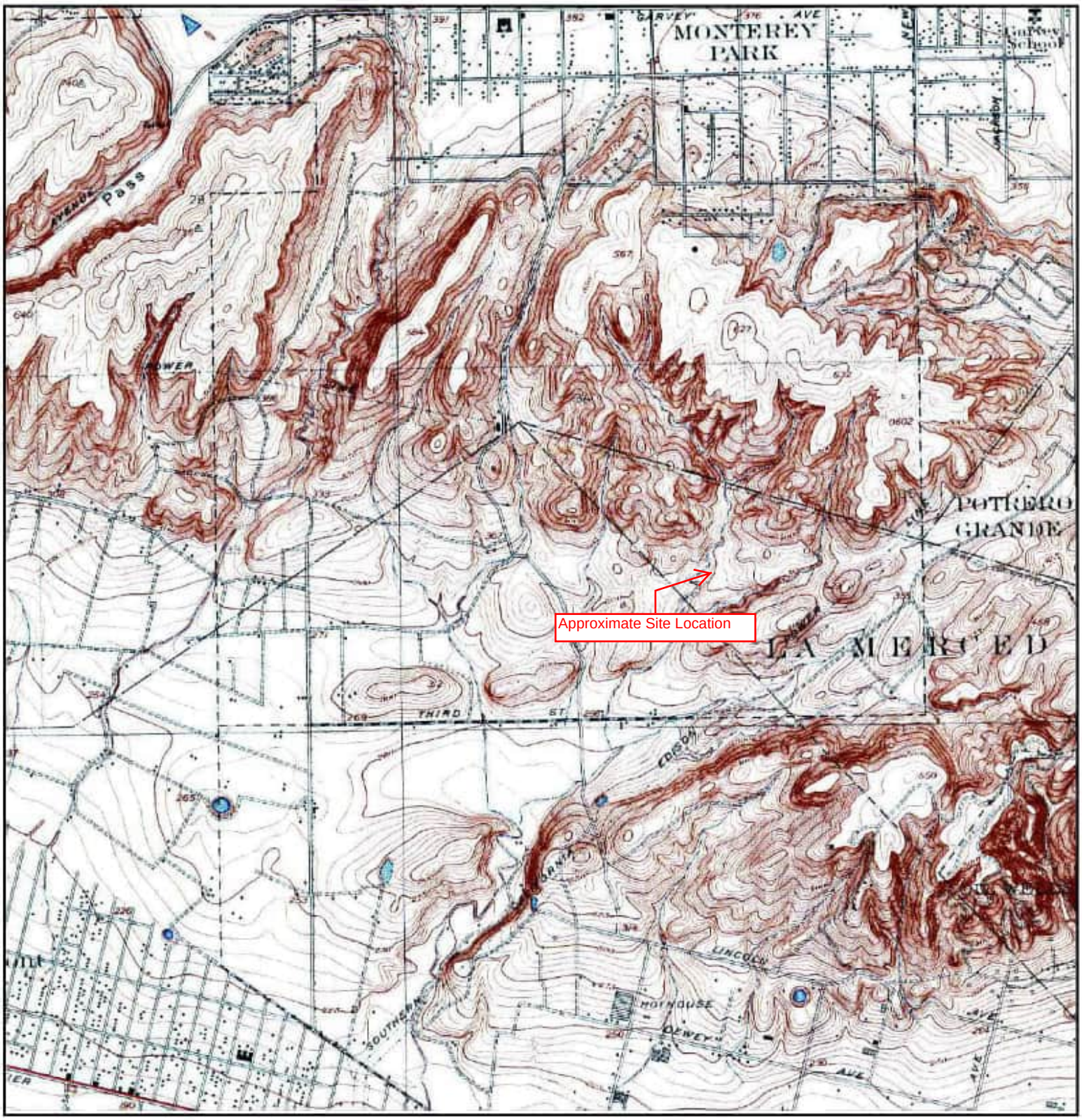
N	TARGET QUAD NAME: LOS ANGELES MAP YEAR: 1900 SERIES: 15 SCALE: 1:62500	SITE NAME: 1977 Saturn Street ADDRESS: 1977 Saturn Street Monterey Park, CA 91755 LAT/LONG: 34.04 / -118.1134	CLIENT: Leighton Consulting CONTACT: Meredith Church INQUIRY#: 4140292.4 RESEARCH DATE: 11/20/2014

Historical Topographic Map



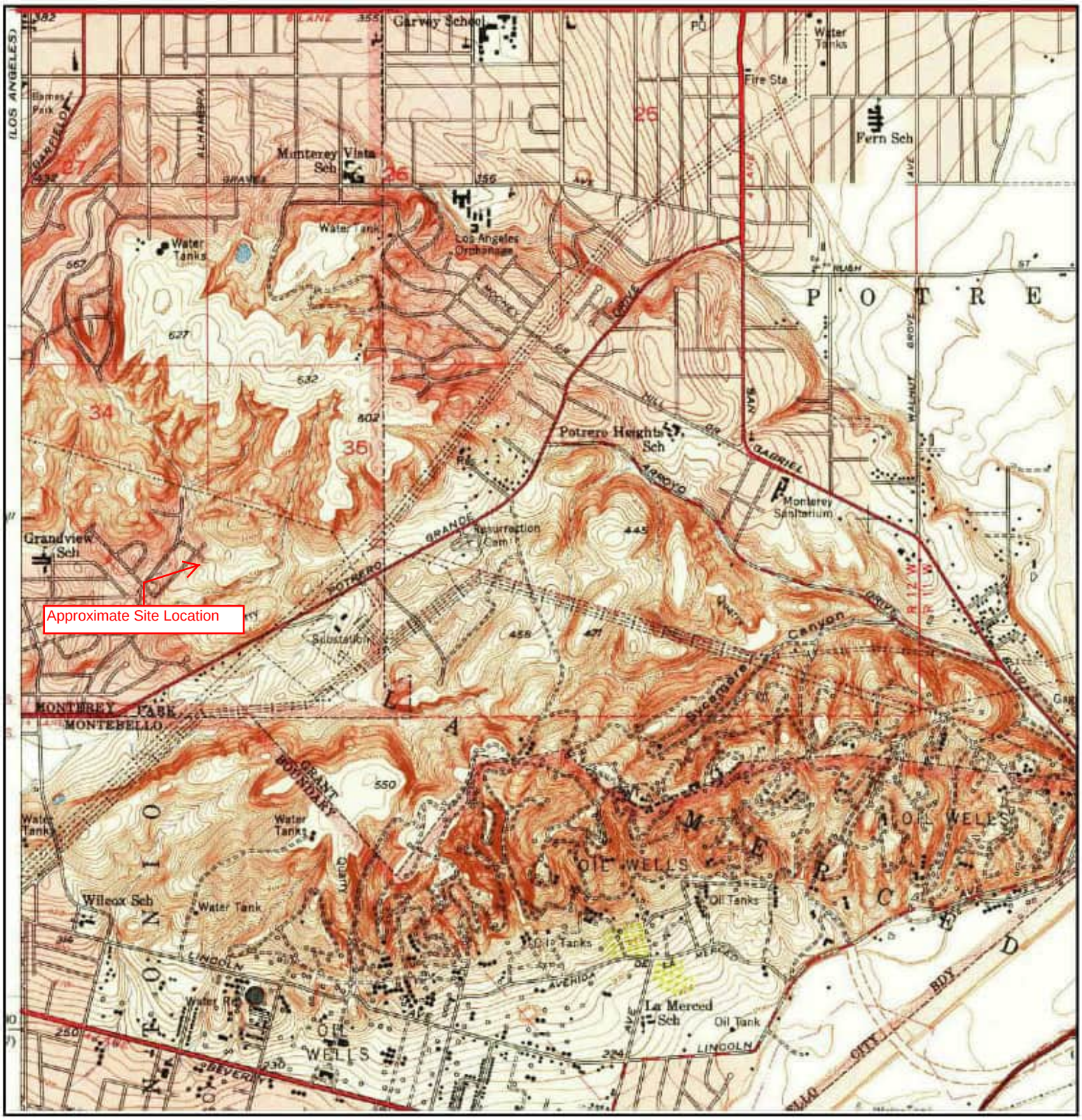
N	TARGET QUAD NAME: SOUTHERN CA SHEET 1 MAP YEAR: 1901 SERIES: 60 SCALE: 1:250000	SITE NAME: 1977 Saturn Street ADDRESS: 1977 Saturn Street Monterey Park, CA 91755 LAT/LONG: 34.04 / -118.1134	CLIENT: Leighton Consulting CONTACT: Meredith Church INQUIRY#: 4140292.4 RESEARCH DATE: 11/20/2014

Historical Topographic Map



N	TARGET QUAD NAME: EL MONTE MAP YEAR: 1926 SERIES: 6 SCALE: 1:24000	SITE NAME: 1977 Saturn Street ADDRESS: 1977 Saturn Street Monterey Park, CA 91755 LAT/LONG: 34.04 / -118.1134	CLIENT: Leighton Consulting CONTACT: Meredith Church INQUIRY#: 4140292.4 RESEARCH DATE: 11/20/2014

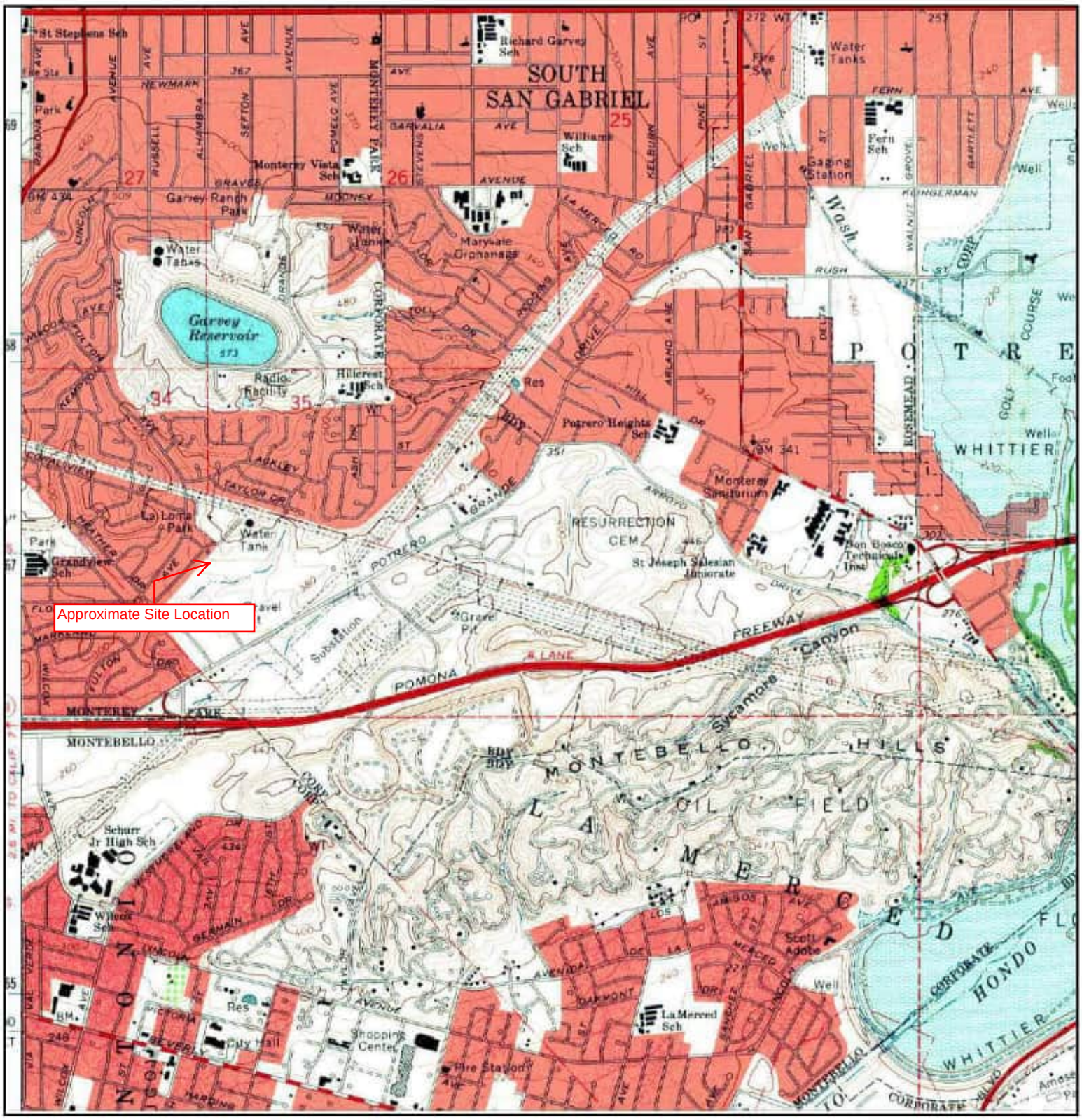
Historical Topographic Map



N	TARGET QUAD			
	NAME:	EL MONTE	SITE NAME:	1977 Saturn Street
	MAP YEAR:	1953	ADDRESS:	1977 Saturn Street
				Monterey Park, CA 91755
	SERIES:	7.5	LAT/LONG:	34.04 / -118.1134
	SCALE:	1:24000		

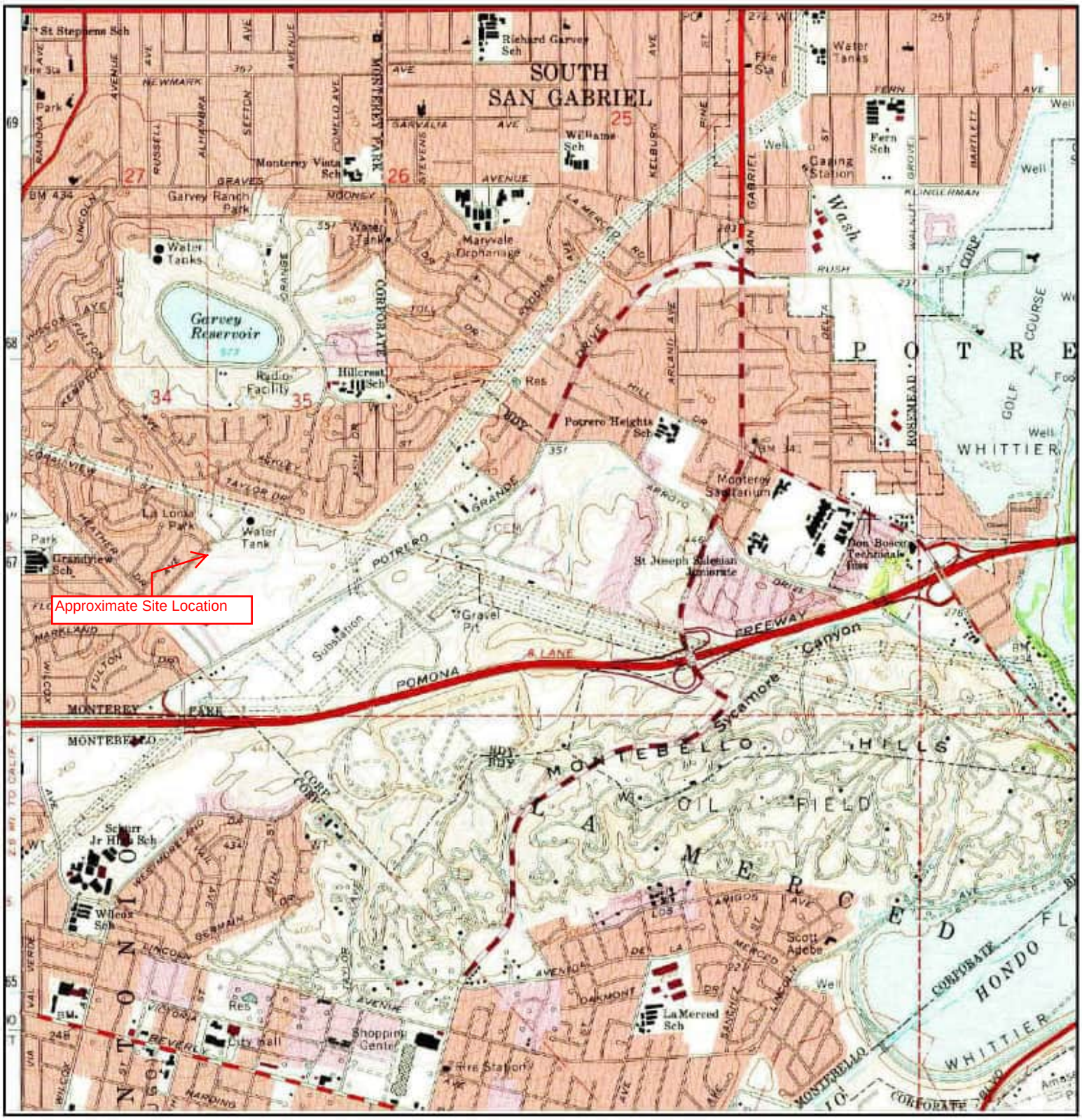
CLIENT:	Leighton Consulting
CONTACT:	Meredith Church
INQUIRY#:	4140292.4
RESEARCH DATE:	11/20/2014

Historical Topographic Map



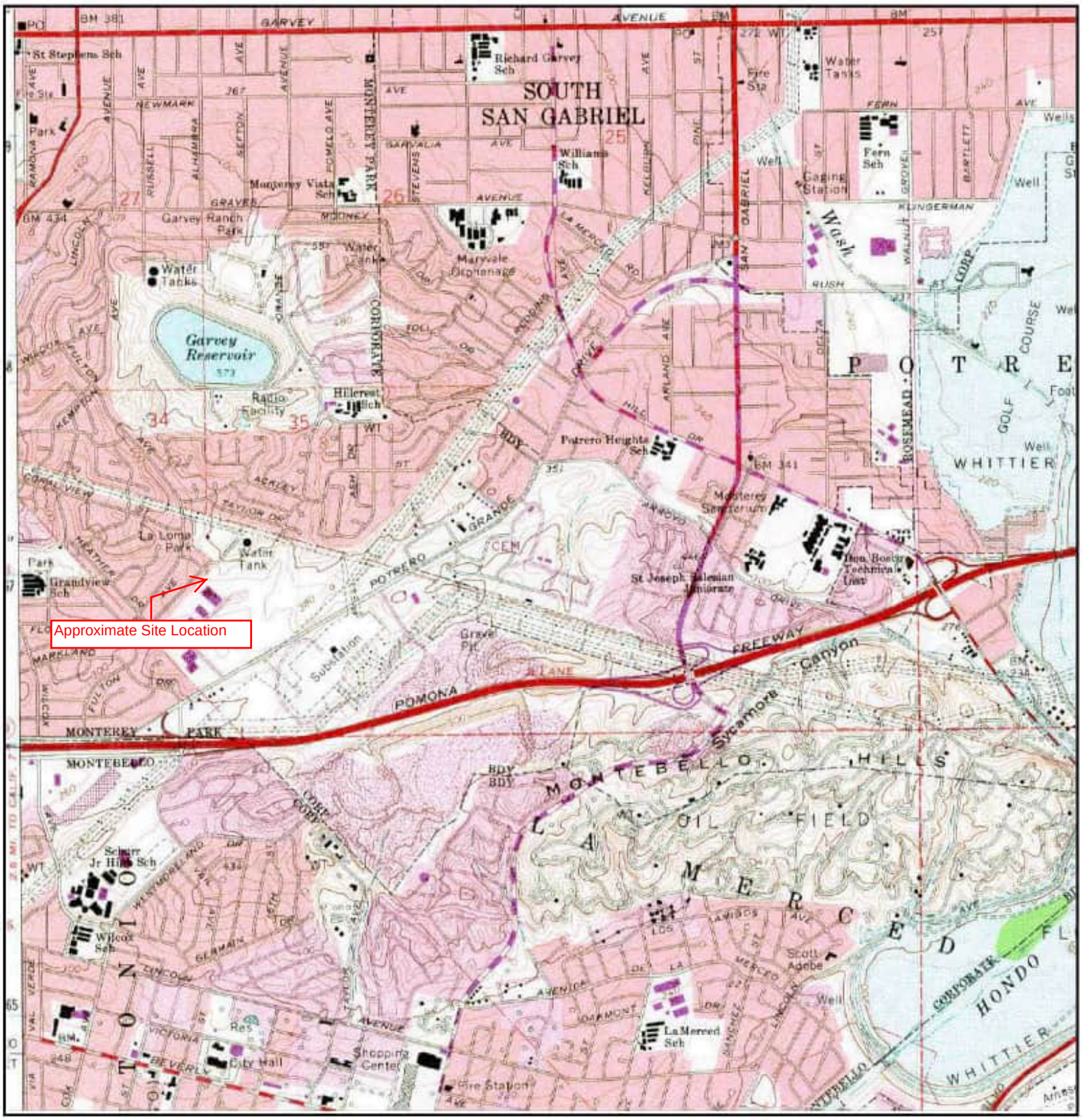
N	TARGET QUAD NAME: EL MONTE MAP YEAR: 1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1977 Saturn Street ADDRESS: 1977 Saturn Street Monterey Park, CA 91755 LAT/LONG: 34.04 / -118.1134	CLIENT: Leighton Consulting CONTACT: Meredith Church INQUIRY#: 4140292.4 RESEARCH DATE: 11/20/2014

Historical Topographic Map



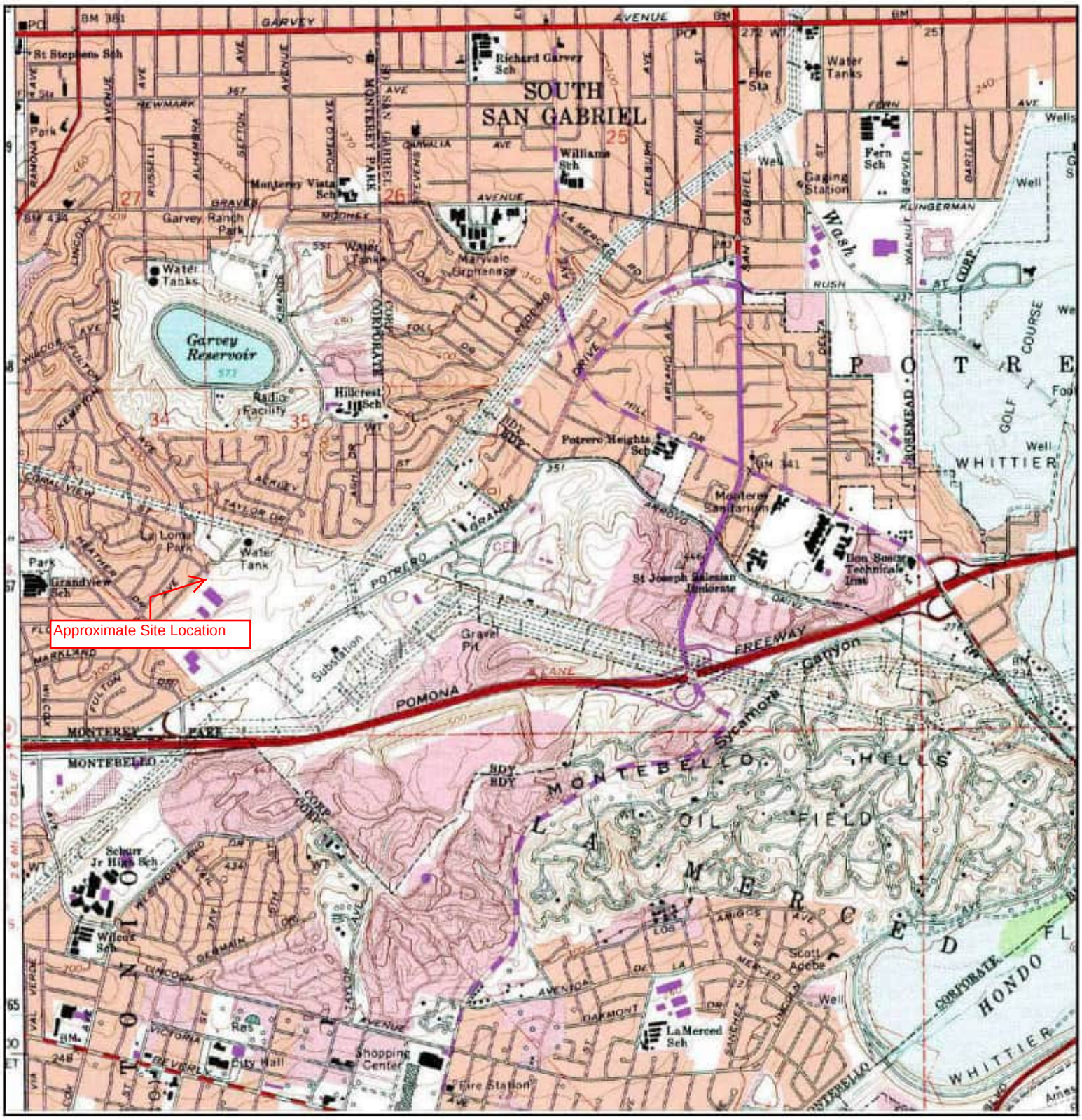
N	TARGET QUAD NAME: EL MONTE MAP YEAR: 1972 PHOTOREVISED FROM :1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1977 Saturn Street ADDRESS: 1977 Saturn Street Monterey Park, CA 91755 LAT/LONG: 34.04 / -118.1134	CLIENT: Leighton Consulting CONTACT: Meredith Church INQUIRY#: 4140292.4 RESEARCH DATE: 11/20/2014

Historical Topographic Map



N	TARGET QUAD NAME: EL MONTE MAP YEAR: 1981 PHOTOREVISED FROM :1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1977 Saturn Street ADDRESS: 1977 Saturn Street Monterey Park, CA 91755 LAT/LONG: 34.04 / -118.1134	CLIENT: Leighton Consulting CONTACT: Meredith Church INQUIRY#: 4140292.4 RESEARCH DATE: 11/20/2014

Historical Topographic Map



N	TARGET QUAD NAME: EL MONTE MAP YEAR: 1994 REVISED FROM :1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1977 Saturn Street ADDRESS: 1977 Saturn Street Monterey Park, CA 91755 LAT/LONG: 34.04 / -118.1134	CLIENT: Leighton Consulting CONTACT: Meredith Church INQUIRY#: 4140292.4 RESEARCH DATE: 11/20/2014

APPENDIX F

1977 Saturn Street
1977 Saturn Street
Monterey Park, CA 91755

Inquiry Number: 4140292.2s
November 20, 2014

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1977 SATURN STREET
LOS ANGELES County, CA 91755

COORDINATES

Latitude (North):	34.0400000 - 34° 2' 24.00''
Longitude (West):	118.1134000 - 118° 6' 48.24''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	397223.4
UTM Y (Meters):	3766955.5
Elevation:	361 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	34118-A1 EL MONTE, CA
Most Recent Revision:	1994
West Map:	34118-A2 LOS ANGELES, CA
Most Recent Revision:	1994

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120505
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
SANWA BANK 1977 SATURN ST MONTEREY PARK, CA 91755	UST	N/A
SANWA BANK CALIFORNIA 1977 SATURN ST MONTEREY PARK, CA 91754	RCRA-SQG SWEEPS UST LOS ANGELES CO. HMS	CAD982463895
1977 SATURN ST. 1977 SATURN ST. MONTEREY, CA 91754	ERNS	N/A

BANK OF THE WEST 1977 SATURN ST MONTEREY PARK, CA 91755	HAZNET	N/A
SANWA BANK CALIFORNIA 1977 SATURN ST MONTEREY PARK, CA 91754	EMI	N/A
UNITED CA BANK 1977 SATURN ST MONTEREY PARK, CA 91754	FINDS	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ---------- CERCLIS No Further Remedial Action Planned

Federal RCRA generators list

RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US INST CONTROL ---------- Sites with Institutional Controls
LUCIS ---------- Land Use Control Information System

State- and tribal - equivalent NPL

RESPONSE ---------- State Response Sites

EXECUTIVE SUMMARY

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---------- Solid Waste Information System

State and tribal leaking storage tank lists

SLIC ---------- Statewide SLIC Cases
INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST ---------- Underground Storage Tanks on Indian Land
FEMA UST ---------- Underground Storage Tank Listing

State and tribal voluntary cleanup sites

INDIAN VCP ---------- Voluntary Cleanup Priority Listing
VCP ---------- Voluntary Cleanup Program Properties

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
SWRCY ---------- Recycler Database
HAULERS ---------- Registered Waste Tire Haulers Listing
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
WMUDS/SWAT ---------- Waste Management Unit Database

Local Lists of Hazardous waste / Contaminated Sites

US CDL ---------- Clandestine Drug Labs
SCH ---------- School Property Evaluation Program
Toxic Pits ---------- Toxic Pits Cleanup Act Sites
AOCONCERN ---------- San Gabriel Valley Areas of Concern
CDL ---------- Clandestine Drug Labs
US HIST CDL ---------- National Clandestine Laboratory Register

Local Land Records

LIENS 2 ---------- CERCLA Lien Information
LIENS ---------- Environmental Liens Listing
DEED ---------- Deed Restriction Listing

Records of Emergency Release Reports

HMIRS ---------- Hazardous Materials Information Reporting System
CHMIRS ---------- California Hazardous Material Incident Report System
LDS ---------- Land Disposal Sites Listing

MCS ---- Military Cleanup Sites Listing
SPILLS 90 ---- SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR ---- RCRA - Non Generators / No Longer Regulated
DOT OPS ---- Incident and Accident Data
DOD ---- Department of Defense Sites
FUDS ---- Formerly Used Defense Sites
UMTRA ---- Uranium Mill Tailings Sites
US MINES ---- Mines Master Index File
TRIS ---- Toxic Chemical Release Inventory System
TSCA ---- Toxic Substances Control Act
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
SSTS ---- Section 7 Tracking Systems
ICIS ---- Integrated Compliance Information System
PADS ---- PCB Activity Database System
MLTS ---- Material Licensing Tracking System
RADINFO ---- Radiation Information Database
RAATS ---- RCRA Administrative Action Tracking System
RMP ---- Risk Management Plans
NPDES ---- NPDES Permits Listing
UIC ---- UIC Listing
Cortese ---- "Cortese" Hazardous Waste & Substances Sites List
CUPA Listings ---- CUPA Resources List
Notify 65 ---- Proposition 65 Records
LA Co. Site Mitigation ---- Site Mitigation List
DRYCLEANERS ---- Cleaner Facilities
WIP ---- Well Investigation Program Case List
ENF ---- Enforcement Action Listing
INDIAN RESERV ---- Indian Reservations
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
WDS ---- Waste Discharge System
EPA WATCH LIST ---- EPA WATCH LIST
PCB TRANSFORMER ---- PCB Transformer Registration Database
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
MWMP ---- Medical Waste Management Program Listing
Financial Assurance ---- Financial Assurance Information Listing
PROC ---- Certified Processors Database
HWT ---- Registered Hazardous Waste Transporter Database
US AIRS ---- Aerometric Information Retrieval System Facility Subsystem
LEAD SMELTERS ---- Lead Smelter Sites
COAL ASH DOE ---- Steam-Electric Plant Operation Data
2020 COR ACTION ---- 2020 Corrective Action Program List
PRP ---- Potentially Responsible Parties

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---- EDR Proprietary Manufactured Gas Plants

EXECUTIVE SUMMARY

EDR US Hist Auto Stat ------- EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners ------- EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST ---------- Recovered Government Archive Leaking Underground Storage Tank
RGA LF ---------- Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 09/29/2014 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW CURE, INC./OPERATING INDUS	***2550 GREENWOOD AVENUE***	***SSE 1/8 - 1/4 (0.161 mi.)***	***0***	***13***

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW CURE, INC./OPERATING INDUS	***2550 GREENWOOD AVENUE***	***SSE 1/8 - 1/4 (0.161 mi.)***	***0***	***13***

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 06/10/2014 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW CURE, INC./OPERATING INDUS	***2550 GREENWOOD AVENUE***	***SSE 1/8 - 1/4 (0.161 mi.)***	***0***	***13***

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-TSDF list, as provided by EDR, and dated 06/10/2014 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW CURE, INC./OPERATING INDUS	***2550 GREENWOOD AVENUE***	***SSE 1/8 - 1/4 (0.161 mi.)***	***0***	***13***

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 06/10/2014 has revealed that there are 5 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW CURE, INC./OPERATING INDUS	***2550 GREENWOOD AVENUE***	***SSE 1/8 - 1/4 (0.161 mi.)***	***0***	***13***
SOUTHERN CALIFORNIA EDISON MON	***1000 POTRERO GRANDE DR***	***E 1/8 - 1/4 (0.170 mi.)***	***D20***	***75***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SCE MONTEBELLO SERVICE CTR	1000 E POTRERO GRANDE D	ESE 0 - 1/8 (0.121 mi.)	C13	67

Lower Elevation	Address	Direction / Distance	Map ID	Page
SCE MESA SUBSTATION	700 E POTRERO GRANDE DR	S 1/8 - 1/4 (0.182 mi.)	E25	86
MESA SUBSTATION	700 E. POTRERO GRANDE D	S 1/8 - 1/4 (0.193 mi.)	E26	90

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/10/2014 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROSS NAME PLATE CO	***NUMBER 2 RED PLUM CR***	***WSW 0 - 1/8 (0.008 mi.)***	***B9***	***61***
ALPHA PHOTONICS	***2019 SATURN ST***	***WSW 0 - 1/8 (0.009 mi.)***	***B11***	***65***
MOBAY CHEM CORP MONTEREY PK	***17 CUPANIA CIR***	***WSW 1/8 - 1/4 (0.176 mi.)***	***22***	***81***

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 09/18/2014 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW CURE, INC./OPERATING INDUS	***2550 GREENWOOD AVENUE***	***SSE 1/8 - 1/4 (0.161 mi.)***	***0***	***13***

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 08/05/2014 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OPERATING INDUSTRIES, INC.	***900 POTRERO GRANDE DRIV***	***ESE 1/2 - 1 (0.596 mi.)***	***G30***	***100***
Status: Certified / Operation & Maintenance				
Status: Refer: SMBRP				

Lower Elevation	Address	Direction / Distance	Map ID	Page
ALPHA PHOTONICS/LYLE OPTPELECT	***2019 SATURN ST***	***WSW 0 - 1/8 (0.009 mi.)***	***B10***	***63***
Status: Refer: Other Agency				

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 09/15/2014 has revealed that there are 5 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MONTEBELLO SERVICE CENTER	1000 POTRERO GRANDE DR	E 1/8 - 1/4 (0.170 mi.)	D18	74
SOUTHERN CAL. EDISON/MONTEBELO	***1000 POTRERO GRANDE DR***	***E 1/8 - 1/4 (0.170 mi.)***	***D21***	***78***
Status: Open - Site Assessment				
Status: Completed - Case Closed				

Lower Elevation	Address	Direction / Distance	Map ID	Page
SCE - MESA SUBSTATION	***700 POTRERO GRANDE DR***	***S 1/8 - 1/4 (0.182 mi.)***	***E24***	***83***
Status: Completed - Case Closed				
SHELL OIL COMPANY # 204-5112-0	***430 E POTRERO GRANDE DR***	***SW 1/4 - 1/2 (0.336 mi.)***	***F28***	***93***
Status: Completed - Case Closed				
SHELL	***430 POTRERO GRANDE DR***	***SW 1/4 - 1/2 (0.337 mi.)***	***F29***	***96***
Status: Completed - Case Closed				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 09/17/2014 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNION BANK OPERATIONS CENTER	***1980 SATURN ST***	***E 0 - 1/8 (0.007 mi.)***	***A8***	***61***
SCE - MONTEBELLO SERVICE CNTR	1000 POTRERO GRANDE DR	E 1/8 - 1/4 (0.170 mi.)	D17	73

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, and dated 08/01/2009 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	1000 POTRERO GRANDE DR	E 1/8 - 1/4 (0.170 mi.)	D19	75

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

A review of the ODI list, as provided by EDR, and dated 06/30/1985 has revealed that there is 1 ODI site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
OPERATING INDUSTRIES, INC.	1000 POTRERO GRANDE DRI	ESE 0 - 1/8 (0.121 mi.)	C14	71

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OPERATING INDUSTRIES LANDFILL	***900 POTRERO GRANDE DR***	***ESE 1/2 - 1 (0.596 mi.)***	***G31***	***109***

Local Lists of Registered Storage Tanks

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 3 CA FID UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROSS NAME PLATE CO	***NUMBER 2 RED PLUM CR***	***WSW 0 - 1/8 (0.008 mi.)***	***B9***	***61***
SOUTHERN CALIFORNIA EDISON	***1000 POTRERO GRANDE DR***	***ESE 0 - 1/8 (0.121 mi.)***	***C15***	***71***
SOUTHERN CALIFORNIA EDISON	***700 E POTRERO GRANDE DR***	***S 1/8 - 1/4 (0.194 mi.)***	***E27***	***92***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 3 HIST UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
RESURRECTION CEMETERY	966 POTRERO GRANDE DR	ESE 0 - 1/8 (0.118 mi.)	C12	67
MONTEREY PARK DISTRICT OFF/SC	1000 POTRERO GRANDE DR	ESE 0 - 1/8 (0.121 mi.)	C16	73
MESA SUBSTATION	700 POTRERO GRANDE DR	S 1/8 - 1/4 (0.182 mi.)	E23	82

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 4 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNION BANK	*1980 SATURN*	*E 0 - 1/8 (0.007 mi.)*	*A7*	*60*

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROSS NAME PLATE CO	*NUMBER 2 RED PLUM CR*	*WSW 0 - 1/8 (0.008 mi.)*	*B9*	*61*
SOUTHERN CALIFORNIA EDISON	*1000 POTRERO GRANDE DR*	*ESE 0 - 1/8 (0.121 mi.)*	*C15*	*71*
SOUTHERN CALIFORNIA EDISON	*700 E POTRERO GRANDE DR*	*S 1/8 - 1/4 (0.194 mi.)*	*E27*	*92*

Other Ascertainable Records

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 12/31/2013 has revealed that there is 1 CONSENT site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW CURE, INC./OPERATING INDUS	*2550 GREENWOOD AVENUE*	*SSE 1/8 - 1/4 (0.161 mi.)*	*0*	*13*

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 11/25/2013 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW CURE, INC./OPERATING INDUS	*2550 GREENWOOD AVENUE*	*SSE 1/8 - 1/4 (0.161 mi.)*	*0*	*13*

CA BOND EXP. PLAN: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OPERATING INDUSTRIES, INC.	*900 POTRERO GRANDE DRIV*	*ESE 1/2 - 1 (0.596 mi.)*	*G32*	*122*

EXECUTIVE SUMMARY

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 2 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUTHERN CAL. EDISON/MONTEBELO	*1000 POTRERO GRANDE DR*	*E 1/8 - 1/4 (0.170 mi.)*	*D21*	*78*
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
SHELL	*430 POTRERO GRANDE DR*	*SW 1/4 - 1/2 (0.337 mi.)*	*F29*	*96*

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 08/26/2014 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

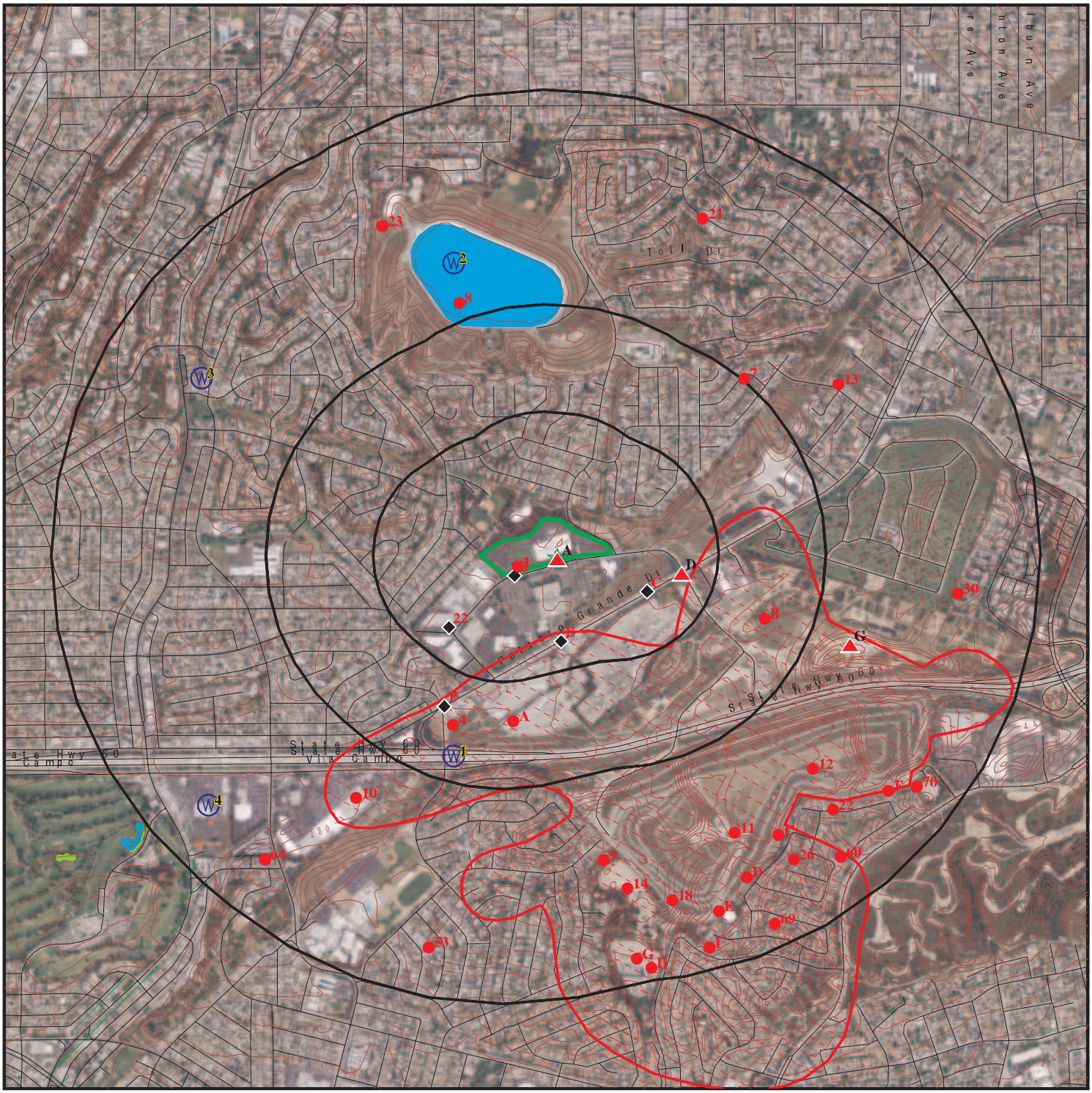
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OPERATING INDUSTRIES, INC.	*900 POTRERO GRANDE DRIV*	*ESE 1/2 - 1 (0.596 mi.)*	*G30*	*100*

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
MONTEREY PARK CITY DUMP	SWF/LF

OVERVIEW MAP - 4140292.2S



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1977 Saturn Street ADDRESS: 1977 Saturn Street Monterey Park CA 91755 LAT/LONG: 34.04 / 118.1134	CLIENT: Leighton Consulting CONTACT: Meredith Church INQUIRY #: 4140292.2s DATE: November 20, 2014 11:56 am

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DETAIL MAP - 4140292.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1977 Saturn Street	CLIENT: Leighton Consulting
ADDRESS: 1977 Saturn Street	CONTACT: Meredith Church
Monterey Park CA 91755	INQUIRY #: 4140292.2s
LAT/LONG: 34.04 / 118.1134	DATE: November 20, 2014 11:58 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	1	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	1	0	NR	NR	1
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	1	0	0	NR	1
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	1	0	NR	NR	1
Federal RCRA generators list								
RCRA-LQG	0.250		1	4	NR	NR	NR	5
RCRA-SQG	0.250	1	2	1	NR	NR	NR	4
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	1	0	NR	NR	1
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP	1	NR	NR	NR	NR	NR	1
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		1	0	0	1	NR	2
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	3	2	NR	NR	5

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250	1	1	1	NR	NR	NR	3
AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		1	0	0	NR	NR	1
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	1	NR	1
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		2	1	NR	NR	NR	3
HIST UST	0.250		2	1	NR	NR	NR	3
SWEEPS UST	0.250	1	3	1	NR	NR	NR	5
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	1	0	0	NR	1
ROD	1.000		0	1	0	0	NR	1
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	1	NR	1
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		0	1	1	NR	NR	2
CUPA Listings	0.250		0	0	NR	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
LOS ANGELES CO. HMS	TP	1	NR	NR	NR	NR	NR	1
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	1	NR	NR	NR	NR	NR	1
EMI	TP	1	NR	NR	NR	NR	NR	1
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	1	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
US AIRS	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LUST	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **SANWA BANK** **UST** **U004050601**
Target **1977 SATURN ST** **N/A**
Property **MONTEREY PARK, CA 91755**

Site 1 of 8 in cluster A

Actual:
361 ft.

UST:
Facility ID: 7311
Latitude: 34.0417424
Longitude: -118.1127315
Permitting Agency: LOS ANGELES COUNTY

A2 **SANWA BANK CALIFORNIA** **RCRA-SQG** **1000434980**
Target **1977 SATURN ST** **SWEEPS UST** **CAD982463895**
Property **MONTEREY PARK, CA 91754** **LOS ANGELES CO. HMS**

Site 2 of 8 in cluster A

Actual:
361 ft.

RCRA-SQG:
Date form received by agency: 06/28/1991
Facility name: SANWA BANK CALIFORNIA
Facility address: 1977 SATURN ST
MONTEREY PARK, CA 917540000
EPA ID: CAD982463895
Contact: FRED ADAMS
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (213) 727-3264
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: SANWA BANK CALIFORNIA
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

SANWA BANK CALIFORNIA (Continued) **1000434980**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/26/1989
Site name: SANWA BANK CALIFORNIA
Classification: Small Quantity Generator

Violation Status: No violations found

SWEEPS UST:
Status: Active
Comp Number: 7311
Number: 1
Board Of Equalization: 44-008189
Referral Date: 01-30-92
Action Date: 01-30-92
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-007311-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 3

Status: Active
Comp Number: 7311
Number: 1
Board Of Equalization: 44-008189
Referral Date: 01-30-92
Action Date: 01-30-92
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-007311-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported

SANWA BANK CALIFORNIA (Continued) **1000434980**

Number Of Tanks: Not reported

Status: Active
Comp Number: 7311
Number: 1
Board Of Equalization: 44-008189
Referral Date: 01-30-92
Action Date: 01-30-92
Created Date: 06-30-89
Owner Tank Id: TK3-ELUTRON
SWRCB Tank Id: 19-000-007311-000003
Tank Status: A
Capacity: 2000
Active Date: 01-30-92
Tank Use: PETROLEUM
STG: P
Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:
Region: LA
Facility Id: 006994-I07311
Facility Type: I01
Facility Status: Permit
Area: 3M
Permit Number: 000009804
Permit Status: Permit

Region: LA
Facility Id: 006994-007311
Facility Type: T0
Facility Status: Permit
Area: 3M
Permit Number: 00005594T
Permit Status: Permit

Region: LA
Facility Id: 006994-048376
Facility Type: Not reported
Facility Status: OPEN
Area: 3M
Permit Number: Not reported
Permit Status: Not reported

A3 **ERNS** **91228779**
Target Property **1977 SATURN ST.** **N/A**
MONTEREY, CA 91754

Site 3 of 8 in cluster A

Actual: 361 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

A4 **BANK OF THE WEST** **HAZNET** **S113016282**
Target **1977 SATURN ST** **N/A**
Property **MONTEREY PARK, CA 91755**

Site 4 of 8 in cluster A

Actual:
361 ft.

HAZNET:

Year:	2012
Gepaid:	CAD982463895
Contact:	TRINI MOSSMAN, FAC. MGR
Telephone:	3237273017
Mailing Name:	Not reported
Mailing Address:	1977 SATURN ST
Mailing City,St,Zip:	MONTEREY PARK, CA 917557418
Gen County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.03
Facility County:	Los Angeles

Year:	2012
Gepaid:	CAD982463895
Contact:	TRINI MOSSMAN, FAC. MGR
Telephone:	3237273017
Mailing Name:	Not reported
Mailing Address:	1977 SATURN ST
Mailing City,St,Zip:	MONTEREY PARK, CA 917557418
Gen County:	Los Angeles
TSD EPA ID:	CAT000613893
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.22935
Facility County:	Los Angeles

Year:	2012
Gepaid:	CAD982463895
Contact:	TRINI MOSSMAN, FAC. MGR
Telephone:	3237273017
Mailing Name:	Not reported
Mailing Address:	1977 SATURN ST
Mailing City,St,Zip:	MONTEREY PARK, CA 917557418
Gen County:	Los Angeles
TSD EPA ID:	CAT000613893
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.22935
Facility County:	Los Angeles

Year:	2012
Gepaid:	CAD982463895
Contact:	TRINI MOSSMAN, FAC. MGR
Telephone:	3237273017

BANK OF THE WEST (Continued) **S113016282**

Mailing Name:	Not reported
Mailing Address:	1977 SATURN ST
Mailing City,St,Zip:	MONTEREY PARK, CA 917557418
Gen County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.03
Facility County:	Los Angeles

Year:	2010
Gepaid:	CAD982463895
Contact:	TRINI MOSSMAN, FAC. MGR
Telephone:	3237273017
Mailing Name:	Not reported
Mailing Address:	1977 SATURN ST
Mailing City,St,Zip:	MONTEREY PARK, CA 917557418
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Tank bottom waste
Disposal Method:	Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	0.7506
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access
33 additional CA_HAZNET: record(s) in the EDR Site Report.

A5 **SANWA BANK CALIFORNIA** **EMI** **S106838965**
Target Property **1977 SATURN ST** **N/A**
MONTEREY PARK, CA 91754

Site 5 of 8 in cluster A

Actual: 361 ft.

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	63620
Air District Name:	SC
SIC Code:	6021
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
County Code:	19
Air Basin:	SC

SANWA BANK CALIFORNIA (Continued) **S106838965**

Facility ID:	63620
Air District Name:	SC
SIC Code:	6021
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

A6 **UNITED CA BANK** **FINDS** **1008152327**
Target **1977 SATURN ST** **N/A**
Property **MONTEREY PARK, CA 91754**

Site 6 of 8 in cluster A

Actual:
361 ft.

FINDS:

Registry ID: 110018947773

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NPL **NEW CURE, INC./OPERATING INDUSTIRES, INC/** **RCRA-TSDF** **1000353881**
Region **2550 GREENWOOD AVENUE** **NPL** **CAT080012024**
SSE **MONTEREY PARK, CA 91755** **CERCLIS**
1/8-1/4 **CORRACTS**
850 ft. **RCRA-LQG**
US ENG CONTROLS
CONSENT
ROD
RAATS
PRP

RCRA-TSDF:

Date form received by agency:	03/02/2012
Facility name:	NEW CURE, INC./OPERATING INDUSTIRES, INC/
Facility address:	2550 GREENWOOD AVENUE MONTEREY PARK, CA 91755
EPA ID:	CAT080012024
Mailing address:	GREENWOOD AVENUE

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

MONTEREY PARK, CA 91755
Contact: ELEOVARDO ROBLES
Contact address: GREENWOOD AVENUE
MONTEREY PARK, CA 91755
Contact country: Not reported
Contact telephone: (323) 720-9975
Contact email: EROBLES@OIL-LANDFILL.COM
EPA Region: 09
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: AHAS INC
Owner/operator address: 1749 S POTRERO GRANDE DR RM E
MONTEREY PARK, CA 91755
Owner/operator country: Not reported
Owner/operator telephone: (818) 336-3636
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: O.P.I., INC.
Owner/operator address: GREENWOOD AVENUE
MONTEREY PARK, CA 91755
Owner/operator country: Not reported
Owner/operator telephone: (323) 720-9975
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/12/1992
Owner/Op end date: Not reported

Owner/operator name: OPERATING INDUSTRIES, INC.
Owner/operator address: GREENWOOD AVENUE
MONTEREY PARK, CA 91755
Owner/operator country: Not reported
Owner/operator telephone: (323) 720-9975
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/12/1992
Owner/Op end date: Not reported

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/10/2010
Site name: NEW CURE, INC. / OPERATING INDUSTRIES, INC.
Classification: Large Quantity Generator

Date form received by agency: 08/28/2008
Site name: OPERATING INDUSTRIES, INC. NEW CURE, INC.
Classification: Large Quantity Generator

Date form received by agency: 05/14/1997
Site name: OPERATING INDS INC
Classification: Small Quantity Generator

Date form received by agency: 05/14/1997
Site name: OPERATING INDS INC
Classification: Large Quantity Generator

Date form received by agency: 07/01/1993
Site name: OPERATING INDS INC
Classification: Not a generator, verified

Hazardous Waste Summary:
Waste code: F039
Waste name: LEACHATE (LIQUIDS THAT HAVE PERCOLATED THROUGH LAND DISPOSED WASTES) RESULTING FROM THE DISPOSAL OF MORE THAN ONE RESTRICTED WASTE CLASSIFIED AS HAZARDOUS UNDER SUBPART D OF THIS PART. (LEACHATE RESULTING FROM THE DISPOSAL OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS EPA HAZARDOUS WASTES NUMBER(S): F020, F021, F022, F026, F027, AND/OR F028).

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:
Waste code: F039
Waste name: LEACHATE (LIQUIDS THAT HAVE PERCOLATED THROUGH LAND DISPOSED WASTES) RESULTING FROM THE DISPOSAL OF MORE THAN ONE RESTRICTED WASTE

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

CLASSIFIED AS HAZARDOUS UNDER SUBPART D OF THIS PART. (LEACHATE RESULTING FROM THE DISPOSAL OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS EPA HAZARDOUS WASTES NUMBER(S): F020, F021, F022, F026, F027, AND/OR F028).

Amount (Lbs): 25283.5

Corrective Action Summary:

Event date: 04/01/1984
Event: CA029SF

Event date: 04/01/1984
Event: CA049PA

Event date: 04/01/1984
Event: CA049SI

Event date: 04/01/1984
Event: CA074HI

Event date: 04/01/1984
Event: CA Prioritization, Facility or area was assigned a high corrective action priority.

Event date: 01/01/1996
Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.

Facility Has Received Notices of Violations:

Regulation violated: F - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 12/23/1987
Date achieved compliance: 01/01/1990
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 09/26/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 10/06/1987
Date achieved compliance: 01/01/1990
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Paid penalty amount: Not reported

Regulation violated: F - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 10/06/1987
Date achieved compliance: 01/01/1990
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 06/22/1987
Date achieved compliance: 01/01/1990
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 09/26/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 11/26/1986
Date achieved compliance: 01/01/1990
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 09/26/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 12/23/1987
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 01/01/1990
Evaluation lead agency: State

Evaluation date: 10/06/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 01/01/1990
Evaluation lead agency: State

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Evaluation date: 06/22/1987
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 01/01/1990
Evaluation lead agency: State

Evaluation date: 11/26/1986
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 01/01/1990
Evaluation lead agency: State

NPL:
EPA ID: CAT080012024
EPA Region: 09
Federal: N
Final Date: 1986-06-10 00:00:00

Category Details:
NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-> 100 Feet
Category Value: 300

NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 100

Site Details:
Site Name: OPERATING INDUSTRIES, INC., LANDFILL
Site Status: Final
Site Zip: 91754
Site City: MONTEREY PARK
Site State: CA
Federal Site: No
Site County: LOS ANGELES
EPA Region: 09
Date Proposed: 10/15/84
Date Deleted: Not reported
Date Finalized: 06/10/86

Substance Details:
NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: C113
Substance: STYRENE
CAS #: 100-42-5
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Substance ID: C470
Substance: TRIMETHYL BENZENE
CAS #: 25551-13-7
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: D008
Substance: LEAD (PB)
CAS #: 7439-92-1
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: U019
Substance: BENZENE
CAS #: 71-43-2
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U043
Substance: VINYL CHLORIDE
CAS #: 75-01-4
Pathway: AIR PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: U044
Substance: CHLOROFORM
CAS #: 67-66-3
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: U188
Substance: PHENOL
CAS #: 108-95-2
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U220
Substance: TOLUENE
CAS #: 108-88-3
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U239

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Substance: XYLENE
CAS #: 1330-20-7
Pathway: GROUND WATER PATHWAY
Scoring: 2

Summary Details:

Conditions at proposal October 15, 1984): Operating Industries, Inc., operated a landfill on 190 acres in the City of Monterey Park, Los Angeles County, California. The 45-acre northern section was separated in the 1960s from the southern 145-acre section by the Pomona Freeway. EPA has evidence that the original landfill included at least a portion of both sections. From l948 to l983, solid and liquid wastes, some ha ardous, were disposed of at the site. Leachate generated by the landfill contains vinyl chloride, ben ene-type compounds, tetrachloroethylene, heavy metals, and other contaminants, according to testing by the Los Angeles County Sanitation District LACSD), the California Department of Health Services CDHS), and the company. In July l983, the South Coast Air Quality Management District SCAQMD) detected vinyl chloride above ambient standards in air at and around the landfill, which is adjacent to a large residential area. SCAQMD, CDHS,and the Los Angeles County Department of Health Services have taken enforcement actions against the facility. About 23,000 people use wells within 3 miles of the site as a source of drinking water. The company acquired Interim Status when it filed Part A of a permit application under Subtitle C of the Resource Conservation and Recovery Act RCRA). The company submitted a draft plan for closing the landfill under RCRA, but CDHS, in conjunction with other State agencies and EPA, determined that the plan had numerous deficiencies, most notably the failure to 1) provide financial assurance requirements for closure and 2) develop an adequate plan for monitoring ground water and for collecting and disposing of leachate. The company has not submitted complete and adequate closure and postclosure documents. Status February 1986): EPA collected gas samples in November 1984 from 16 subsurface probes in an adjacent housing development. Some samplesconfirmedthe presence of methane and vinyl chloride in subsurface soils. Interior home samples collected in November 1984 had low levels of methane and nondetectable levels of vinyl chloride. Elevated levels of methane and vinyl chloride werealso detected in a home adjacent to the landfill in October 1985. EPA installed six monitoring wells around the landfill in 1984-85. Quarterly samples collected since March 1985 contain organic chemicals and trace metals. In July 1985, EPA started planning for a comprehensive remedial investigation to determine the nature and extent of the problems associated with the landfill. When the investigation is complete, various alternatives to remedy the problems will be evaluated in a feasibility study. Interim measures are planned to stabili e and control the landfill, including slope stabili ation and upgrading of existing gas leachate collection systems. EPA trucked leachate to an off-site treatment facility from October 1985 to February 1986, when the State took over. Status June 10, 1986): This site is placed on the NPL because the potentially responsible party declined to initiate work, and CERCLA-funded remedial activities are underway.Thus, the site meets one of the requirements of EPA s policy for placing RCRA-related sites on the NPL.

Site Status Details:

NPL Status: Final
Proposed Date: 10/15/1984
Final Date: 06/10/1986
Deleted Date: Not reported

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Narratives Details:

NPL Name:	OPERATING INDUSTRIES, INC., LANDFILL
City:	MONTEREY PARK
State:	CA

CERCLIS:

Site ID:	0902673
EPA ID:	CAT080012024
Facility County:	LOS ANGELES
Short Name:	OPERATING INDUSTRIES, INC
Congressional District:	27
IFMS ID:	0958
SMSA Number:	4480
USGC Hydro Unit:	18070105
Federal Facility:	Not a Federal Facility
DMNSN Number:	0.00000
Site Orphan Flag:	N
RCRA ID:	Y
USGS Quadrangle:	Not reported
Site Init By Prog:	Not reported
NFRAP Flag:	Not reported
Parent ID:	Not reported
RST Code:	T
EPA Region:	09
Classification:	Landfill
Site Settings Code:	UR
NPL Status:	Currently on the Final NPL
DMNSN Unit Code:	Not reported
RBRAC Code:	Not reported
RResp Fed Agency Code:	Not reported
Non NPL Status:	Not reported
Non NPL Status Date:	/ /
Site Fips Code:	06037
CC Concurrence Date:	09/11/12
CC Concurrence FY:	2012
Alias EPA ID:	Not reported
Site FUDS Flag:	Not reported

CERCLIS Site Contact Name(s):

Contact ID:	9000171.00000
Contact Name:	Chris Weden
Contact Tel:	(415) 972-3041
Contact Title:	On-Scene Coordinator (OSC)
Contact Email:	Not reported
Contact ID:	13003854.00000
Contact Name:	Leslie Ramirez
Contact Tel:	(415) 972-3978
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported
Contact ID:	13003858.00000
Contact Name:	Sharon Murray
Contact Tel:	(415) 972-4250
Contact Title:	Site Assessment Manager (SAM)

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Contact Email: Not reported

Contact ID: 13004003.00000
Contact Name: Carl Brickner
Contact Tel: Not reported
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13003957.00000
Contact Name: Carmen Santiago-Ocasio
Contact Tel: (415) 972-3525
Contact Title: Remedial Project Manager (RPM)
Contact Email: Not reported

Contact ID: 9271138.00000
Contact Name: Richard Hiett
Contact Tel: (415) 972-3170
Contact Title: Remedial Project Manager (RPM)
Contact Email: Not reported

CERCLIS Site Alias Name(s):
Alias ID: 201
Alias Name: MONTEREY PARK LDFL
Alias Address: Not reported
CA
Alias ID: 301
Alias Name: OII
Alias Address: Not reported
CA
Alias ID: 302
Alias Name: OPERATING INDUSTRIES, INC., LANDFILL
Alias Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
Alias ID: 201
Alias ID: 301
Alias Comments: PREVIOUS EPA ID# AZD 981 416 977PREVIOUS EPA ID# AZD 981 416 977
Site Description: --HISTORICAL WASTE DISPOSAL AND LANDFILL OPERATIONS Prior to 1946, the OII property was a sand and gravel quarry. Waste disposal operations at the landfill began on 14 acres in October 1948 by Monterey Park Disposal Company. In January 1952, Operating Industries, Inc. assumed ownership of the landfill; and, by 1958, the landfill had expanded to 218 acres. The size was later reduced to 190 acres when the State of California purchased 28 acres for construction of the Pomona Freeway. In October 1954, the landfill was permitted for the disposal of liquids at the landfill. In March 1976, the disposal of liquids was limited to a 32-acre area in the western portion of the South Parcel. This order allowed Operating Industries, Inc. to mix liquids with solid refuse at a ratio of 10 gallons per cubic yard of refuse. In September 1976, this ratio was increased to 20 gallons per cubic yard. In 1982, leachate was observed seeping offsite. OII stopped accepting hazardous liquid waste in January 1983 and all liquid waste in April 1983. A leachate collection system was installed to collect leachate seeping from the landfill. Leachate generated at the landfill was collected and redisposed by combining it with incoming refuse that was mixed back onto the working face of the landfill. This practice continued until September 1984, when the California Department of Health Services classified leachate generated at the landfill as hazardous and prohibited redisposal, effective October 1984. At that time, OII began shipping all leachate offsite for treatment and disposal. Prior to 1984.

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

OII, the landfill operator and owner, performed several landfill control measures. This included installation of the leachate collection system, development of an air-dike air injection system on the west side of the landfill to control subsurface gas migration, installation of gas extraction wells around the perimeter of the landfill, installation of a gas flaring station to burn landfill gas, site contouring, slope terracing and vegetation, and covering refuse with fill. OII's control of the environmental problems and maintenance of the control systems began to diminish significantly in late 1984. In this same period, EPA began initial site investigations. On May 19, 1986, OII notified the state of its intent to discontinue all site control and monitoring activities except irrigation. By the end of May 1986, the OII Site was added to the NPL. EPA assumed responsibility for site activities on May 20, 1986. ---LANDFILL DEVELOPMENT AND THICKNESS Landfilling operations began in 1948 by filling an existing natural canyon currently occupied by a portion of the Pomona Freeway and north-central portions of the South Parcel. Cut-and-cover filling operations began in the early 1950s. Additional areas were quarried and filled. From the 1950s through the 1970s, the waste disposal activities expanded to cover the current landfilled area. During this time, the height of the landfill was also increased several times, ultimately reaching the current elevation of approximately 640 feet above mean sea level. The thickness of solid waste in the South Parcel ranges from approximately 200 to 325 feet. The North Parcel contains approximately 11 acres of solid waste, ranging in thickness up to 55 feet. ---WASTE TYPES AND QUANTITIES A total estimated refuse volume of 38 million cubic yards weighing 22 to 31 million tons was disposed at the landfill over its operating life. More than three-fourths of the refuse was disposed before 1974, before records were maintained for truck counts and delivered weight. Liquids are excluded from these refuse mass calculations. Liquid wastes were disposed at the landfill throughout its history, until April 1983. More than 300 million gallons of liquids are recorded as having been disposed between 1976 and 1983. Liquid wastes were reportedly disposed at the landfill prior to 1976, but records were not kept by landfill operators. --HYDROGEOLOGIC INVESTIGATIONS EPA performed six major hydrogeologic investigations at the OII Site between 1975 and 1993, resulting in the installation of 75 groundwater monitoring wells. Activities conducted as part of these investigations include: drilling and monitoring well installation, formation testing, surface and subsurface soil sampling, groundwater sampling and analysis, and aquifer testing. --GEOLOGIC AND GEOTECHNICAL EVALUATIONS EPA performed several geologic and geotechnical investigations that provide additional information regarding the subsurface conditions at or near the OII Site. --AIR QUALITY INVESTIGATIONS EPA conducted two air quality investigations as part of the Remedial Investigation for the OII Site. One investigation focused on ambient air in the vicinity of the landfill, and the other investigation focused on air quality in the homes surrounding the landfill. Ambient air sampling was conducted for one year, from September 1989 to September 1990. The in-home air monitoring was conducted between November 1992 and July 1993. --SURFACE WATER SAMPLING Surface water in the form of runoff from the landfill is sampled routinely as part of the site control and monitoring activities at the landfill. In addition, EPA collected two surface water runoff samples from the North Parcel in 1987 as part of a field reconnaissance to identify surface drainage features. Routine surface water sampling began in February 1990 and continues through the present. EPA collected leachate samples from leachate seeps in Iguala Park after heavy rains in January 1993. The OII Landfill Work Defendants performed a survey of onsite landfill seeps after the 1992/1993 rainy season to prioritize seepage areas for potential remediation prior to installation of the landfill cover. Since 1983, EPA has periodically collected and analyzed leachate to characterize its chemical composition and source

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

areas. Since 1990, the OII Landfill Work Defendants have performed several leachate sampling events associated with evaluations of leachate quantity and quality for the leachate treatment plant. --LANDFILL GAS INVESTIGATIONS EPA has collected a large amount of landfill gas data at the OII Site since the mid-1970s. -Landfill Gas Probes and Wells. OII installed landfill gas monitoring probes along the west, south, and east borders of the South Parcel in 1976 and 1981 and around the North Parcel in 1981. OII installed perimeter gas extraction wells in various phases from 1982 through 1984. -Air Dike Wells. OII installed an air dike system in native material along the south and west borders of the landfill to control landfill-generated methane gas emissions beyond the landfill boundary. EPA installed 26 wells in 1981 to create the air dike. Additional wells and monitoring probes were installed in October 1982. EPA constructed eight gas migration test wells to a maximum depth of 101 feet as part of a testing program for the existing air dike system. -South and North Parcel Landfill Gas Monitoring Wells. EPA installed 15 landfill gas monitoring wells along the western and southern boundaries of the South Parcel in 1987 and 1988. EPA installed 13 landfill gas monitoring wells on the North Parcel in June/July 1987. ---------- ---------- --SUMMARY OF EPA ACTIONS AT THE OII SITE EPA has performed a variety of emergency actions in response to environmental problems at the landfill, including erosion control improvements, installation of a toe buttress for slope stability, surface runoff and drainage improvements, rehabilitation of the main flare station, site security, placement of vented water meter box covers in the areas surrounding the landfill, and installation of control systems in nearby affected residences. EPA formally began the Remedial Investigation/Feasibility Study at the OII Site in 1986, although field investigations had been initiated in 1984. -SUMMARY OF ENFORCEMENT ACTIVITIES -Prior to EPA involvement, various state and local agencies reported that OII frequently violated waste disposal regulations during the operations at the landfill between 1952 and 1984. There are approximately 3,950 potentially responsible parties at the OII Site. Since 1984, EPA has sent combined general notice and CERCLA 104(e) letters to potentially responsible parties that generated approximately 87 percent (by volume) of the manifested liquid waste for which EPA has records. -OII SITE CONSENT DECREES AND ADMINSTRATIVE ORDERS Five Consent Decrees have been successfully negotiated with various potentially responsible party groups for performance and funding of various portions of the site cleanup. In addition to the Consent Decrees, site cleanup work has been performed under a Unilateral Administrative Order that EPA issued to three of the previously nonsettling potentially responsible parties. The order required these PRPs to participate in the collection and treatment/disposal of wastes associated with the OII Site in cooperation with the PRPs performing work at the site under the Consent Decrees. These three parties subsequently joined the Fifth Partial Consent Decree. -HIGHLIGHTS OF COMMUNITY PARTICIPATION The Proposed Plan for this remedy, in the form of a fact sheet, was distributed to approximately 3,000 parties on EPA's mailing list for the OII Site. The Proposed Plan, together with the Feasibility Study Report and the Draft Remedial Investigation Report, were also made available in the site vicinity at local libraries. Notice of public meeting, availability of the Proposed Plan, and the announcement of a 30-day public comment period were published in the Los Angeles Times newspaper, San Gabriel edition, and the Monterey Park Progress and Montebello News newspapers. EPA held a public meeting on June 12, 1996, near the site to discuss its cleanup plan. EPA extended the public comment period in response to a request from members of the public. A public notice mailed to the entire EPA mailing list extended the original 30-day public comment period to 60 days. EPA received several sets of written comments during the public comment

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period. EPA has also held frequent meeting with the public, the state, and local agencies to discuss ongoing activities at the landfill. In addition to the Proposed Plan fact sheet for this remedy, EPA has issued numerous fact sheets between 1985 and 1996 describing investigation and cleanup activities at the OII site. The Operating Industries, Inc. (OII) site is located approximately 10 miles east of Los Angeles in Monterey Park, California. The OII site consists of a 190 acre landfill which was operated from 1948 to 1984, and was used for disposal of municipal and industrial waste. The landfill contains hazardous waste and hazardous substances, and was listed on the National Priorities List in May, 1986. The Pomona Freeway divides the site into a 45-acre northern parcel and a 145-acre southern parcel. The top of the south parcel of the landfill is about 150 to 250 feet above the ground surface and the bottom of the landfill is about 200 feet below ground surface. Elevation of the upper surface of the south parcel of the landfill is about 620 to 640 feet above Mean Sea Level (MSL). The OII site is presently owned by the former operators, Operating Industries, Inc. The EPA has been conducting site control and monitoring (SCM) activities at the site since OII ceased performing these activities in May, 1986. In addition, EPA has conducted a number of emergency actions to mitigate potential threats to public health and the environment. The site has become more stabilized as a result of the SCM activities and the emergency actions. The City of Monterey Park has a population of 54,338 (1980 Census). The City of Montebello, which borders the southern parcel of the landfill, has a population of 52,929 (1980 Census). Several residents of Montebello are situated in homes immediately adjacent to the boundaries of the landfill. Within a three mile radius of the site, there are approximately 53,000 residences. The perimeter of the southern parcel of the landfill is fenced. Entrance is restricted and 24-hour security is provided. Several businesses are currently operating on the northern 45-acre parcel. These businesses have a lease arrangement with the operators. Landfill operations at the site began in 1948. From 1948 to 1952, the site was used to dispose of municipal garbage by the City of Monterey Park. Prior to 1948, the site and surrounding areas were quarried for sands and gravels. In January 1952, the site became a privately owned landfill under the ownership of OII. From 1952 to 1984, the site was operated as a landfill for municipal and industrial liquid and solid wastes. In 1974, the Ponoma Freeway was constructed. The freeway split the landfill into a north and south parcel. In June 1975, waste disposal operations were curtailed in the northern parcel. Operations were then limited to the area south of the freeway. On October 6, 1954, the Regional Water Quality Control Board (RWQCB) first permitted disposal of liquids at OII (Monterey Disposal Company Dump at that time). Some of these liquids, and some liquid industrial wastes disposed prior to the Board's permit, are considered to be hazardous by current Federal and State statutes and regulations. In 1975, a 32-acre area in the western part of the southern parcel was established as the area of liquid waste disposal and permitted to accept Class II-l wastes. Waste disposal operations ceased in October 1984. The OII site was placed on the California Hazardous Waste Priority List in January 1984. The OII site was proposed for the Federal National Priority List (NPL) of uncontrolled hazardous waste sites in October 1984 and was finalized on the NPL in May 1986. In 1974, Getty Synthetic Fuels, Inc. (GSF) entered into a contractual relationship with OII for the extraction of gas from the landfill for processing and sale to Southern California Gas Company. GSF's gas extraction system went into operation in 1979. In March, 1986, GSF ceased its gas processing activities and applied to the South Coast Air Quality Management District (SCAQMD) for a permit to construct an electrical generating plant. At that time, GSF began to flare the extracted gas in an incinerator until final permits for construction of the electrification plant were issued. GSF also applied for a permit from the City of Monterey Park

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for discharge of treated effluent to the sewer. In January, 1986 the City of Monterey Park denied GSF's permit. As a result, GSF decided to abandon their extraction operations at the OII landfill as of March 1, 1987. EPA took over operation of the GSF system in June, 1987. Over its 36-year life span, the OII landfill has accepted the following types of wastes: Residential and commercial refuse; water-insoluble, non-decomposable inert solids; liquid wastes; various hazardous wastes including wastewater treatment sludge from production of chrome oxide green pigment; and slop oil emulsion solids and tank bottom sludges (leaded) from petroleum refining operations. Both landfill gas and leachate are generated by the OII site. From April 1983 to October 1984, about 25,000 gallons of leachate per day was collected by OII's leachate collection system and disposed of by mixing with the incoming solid waste. Since then, collected leachate has been stored on-site in Baker tanks, and transported to a permitted off-site treatment facility. The leachate generated at the OII site is a hazardous waste as defined by Resource Conservation and Recovery Act (RCRA) 261.3 regulations, and contains hazardous organic constituents, such as vinyl chloride, trichloroethylene, benzene and toluene. Land uses around the landfill began to undergo significant changes in 1974. These changes included construction of the Pomona Freeway (1974), and increased residential development within Montebello City limits to the southwest (1975) and south (1976) of the facility. A residential area is directly adjacent to portions of the southern and western boundaries of the landfill. In response to a number of site problems identified by State and Federal regulatory agencies, partial control measure performed on-site by the owner in prior years include: - Installation of a leachate collection system. - Development of an air-dike air injection system on the west side of the site to control subsurface gas migration. - Installation of gas extraction wells around the perimeter (except for the air-dike area) of the site and a gas flaring station. - Site contouring, slope terracing, and vegetation. - Covering refuse with additional fill. The partial control measures instituted by the owner were insufficient to maintain site integrity and the EPA, therefore, instituted emergency response actions in order to protect public health, welfare and the environment. Emergency actions performed to date by EPA include: - Slope stability and erosion control improvements, including construction of a toe buttress. - Surface runoff and drainage improvements. - Rehabilitation of the main flare station. - Site security. - Placement of vented water meter box covers off-site. The owner/operator's ability to control the environmental problems and maintain the control systems began to diminish significantly in late 1984 when it notified EPA and the California Department of Health Services (DOHS) that it could no longer afford to truck leachate offsite for treatment. EPA conducted the leachate trucking and treatment for several months, and then DOHS assumed responsibility for this activity, while OII continued to attempt to operate and maintain remaining on-site control systems. On May 19, 1986, OII notified the State that they intended to discontinue all site control and monitoring activities on the site except irrigation. The EPA therefore assumed these activities on May 20, 1986. SCM activities then continued to be performed by EPA, with the State DOHS providing leachate trucking and treatment, and OII providing on-site irrigation. On December 15, 1986, the State transferred responsibility for leachate trucking and treatment to the EPA. The EPA has also requested that OII allow EPA to assume full responsibility for irrigation of the site, since EPA believes that OII has not properly conducted the activity. Operable Unit 02: Interim actions have been undertaken at the landfill to control and prevent leachate seeps from occurring. In 1980, both the South Coast Air Quality Management District, and the California Waste Management Board ordered OII to construct a leachate collection system. A leachate collection system was installed in the early 1980's by OII to control surface seepage that was

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occurring on- and off-site. The system consists of shallow gravel trenches which passively collect leachate to prevent surface seepage, unlined gravel sumps, and underground collection tanks. Wells were installed by OII and EPA above the Iguala Park area to intercept leachate that was appearing as surface seepage down-slope in Iguala Park. There are five areas on the site in which leachate collection systems are located. Under the Site Control and Monitoring Remedial Action EPA will be implementing improvements and repairs to the existing shallow collection system. The present OII leachate collection system is a poorly designed system in various states of disrepair. These improvements should increase the efficiency of the collection system and consequently increase the volume of leachate collected. Surface seepage of leachate occurs at the site periodically due to failure of the existing collection system. Leachate seepage occurred in the southwest corner of the site in August, 1987. This supports EPA's contention that improvements to the collection system will lead to increased volumes of leachate collection due to improved system efficiency. Leachate was collected by OII at a rate of 25,000 to 30,000 gallons per day during the period from April 1983, to October 1984, when the leachate was being re-disposed into the landfill. Collection rates showed an initial steep decline after October 1984, which may reflect the cessation of leachate re-disposal. Deterioration of the collection system may also be reflected in the decline. Since the initial decline following to cessation of leachate re-disposal leachate collection rates have stabilized. Collection rates vary throughout the year but average approximately 4 to 6 thousand gallons per day. Several factors contribute to the continued leachate production at the site: - Metabolic liquids produced by decomposition of the waste mass; - Liquid infiltration through the surface of the site; - Liquids squeezed out of pore spaces as the landfill settles; - Approximately 300,000,000 gallons of manifested liquids were deposited since 1977, and additional large volumes were deposited historically. EPA estimates that volumes of leachate and hazardous liquids collected at OII will increase to approximately 10,000 gallons during the interim period before implementation of the final remedy for the site. This volume increase will be due primarily to improvements to the existing collection system (described above) and to improvements to collect condensate which is currently being recirculated through the landfill. A Record of Decision addressing Operable Unit 02 was completed in November 1987. Operable Unit 04: There are seven major environmental control systems and activities at the OII site that require operation, maintenance, inspection, and monitoring on a continuous basis: 1. Gas Extraction and Air Dike System 2. Leachate Collection System 3. Irrigation System 4. Access Road System 5. Stormwater Drainage System 6. Site Security 7. Slope Repair and Erosion Control A Record of Decision addressing Operable Unit 04 was completed in July of 1987. Operable Unit 3: Facilities have been constructed on the landfill to monitor and provide limited control of the offsite migration of landfill gas (LFG) and leachate from the landfill. A commercial gas recovery facility, referred to as the interior gas extraction system, was constructed by GSF Energy, Inc., in the interior area of the landfill. These systems are described in the following sections. Landfill Gas Monitoring Probes Sixteen LFG monitoring probes were installed by OII onsite along the west, south, and east borders of the south parcel of the landfill in 1976. In December 1981, 15 probes were added and the total 31 probes allowed LFG monitoring along the entire perimeter of the south parcel. In addition, 15 LFG monitoring probes were installed in the north parcel. Thirty-five perimeter probes were installed in July and August 1981 along the west and southwest boundaries to monitor the effectiveness of the air dike system. Perimeter Gas Extraction System The perimeter gas extraction system was installed by OII in five major phases on the south parcel to partially control offsite migration of LFG. Phase I (the air dike injection

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system), installed in 1981, consists of approximately 31 wells on the west border. This air dike injection system introduces air under pressure into the ground at the landfill perimeter to induce a positive pressure gradient and air flow as a barrier to LFG migration away from the landfill. Phases II/III/IV of the system, consisting of LFG extraction wells along the southern and eastern borders, were installed in 1982, and 1983. After the wells were installed, gas was collected using a portable blower and flare system. In 1983, a permanent blower and flare station (now known as the auxiliary flare) was installed in the southwest corner of the landfill, and the wells were connected with a header system. By July 1983, both the auxiliary flare and portable system were in operation. Phase V wells were connected in May 1984. The rim well system on the southeast slopes was also added in 1984. This system collects landfill gas from an upper bench of the landfill near the southern perimeter. The wells are relatively shallow, and extract LFG from the above-ground portion of the landfill. The rim wells are connected to the perimeter gas extraction system and, therefore, operate independently of the nearby interior gas extraction system. A new flare station (now known as the main flare) in the northwest corner of the landfill was added in 1984 Interior Gas Extraction System GSF (then called NRG NuFuels, Inc.) signed a contract with OII in August 1974 to develop a LFG recovery system for commercial purposes at the OII Landfill site. The GSF gas collection system and plant began recovering methane for sale to Southern California Gas Company in October 1979. After deciding that continued resource recovery operations at OII were no longer economically viable, GSF relinquished ownership of all subsurface facilities to OII per their contract and notified the EPA that they intended to dismantle their aboveground facilities by March 1, 1987. In April 1987, GSF, the EPA, and the South Coast Air Quality Management District (SCAQMD) completed negotiations for the purchase of GSF surface facilities using OII trust fund monies held by the SCAQMD. Extraction and flaring of LFG continued from February to May 1987 under temporary agreement between GSF, the SCAQMD, and the EPA. At present, LFG extraction and flaring are operated by the EPA. EPA is currently performing operation and maintenance of the existing leachate collection system, the existing perimeter gas extraction system, and the existing interior gas extraction system. The system operation and maintenance includes daily monitoring of LFG probes (onsite and offsite, including water meter boxes), conducting scheduled maintenance of blower/flare stations and compressor equipment, and maintaining site security. In addition, the EPA is conducting a remedial investigation/feasibility study (RI/FS) to determine the nature and extent of contamination resulting from the site and to assess potential remedial actions. In 1981 a cease and Desist Order (L.A. County DOHS) was issued to OII for operating the landfill without an approved plan for control of landfill gas. In 1983 a Supplemental Notice and Order (L.A. County DOHS) was issued reiterating the Order requirements, requiring installation of gas probes, wells, daily monitoring of gas systems, and reporting to L.A. County DOHS, California Waste Management Board (CWMB), and SCAQMD. In 1984 a Remedial Action Order LA001 (CA DOHS) required leachate management, site characterization, landfill gas control, and closure plans. That same year a Notice of Violation to OII (CA DOHS) provided notification of noncompliance with the Remedial Action Order. OII was proposed for the National Priorities List in 1984. A ROD addressing Operable Unit 03 (OU03) was completed in September 1988. The original OU03 gas ROD contains a chronology of site enforcement activities through 1988. EPA has undertaken the following enforcement activities since September 1988: May 1989 - A Partial Consent Decree (CD) between the United States, the State of California, and approximately 120 Potentially Responsible Parties (PRPs) was entered in the District Court for the Central District of California, United States, et al v. Chevron Chemical, et al. The Partial Consent Decree resolved

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claims for some State and Federal past costs, EPA oversight costs, and the implementation of the first two operable units, Site Control and Monitoring and Leachate Management. July 1989 - EPA sent General Notice letters to approximately 91 additional PRPs representing an additional five percent by volume of the manifested liquid wastes. The generators noticed to date represent approximately 85% by volume of the manifested liquid waste. March 1990 - EPA extended an offer to the 91 PRPs noticed in July 1989 and to previous non-settlers for settlement of the same issues as the first CD (past costs to June 1, 1988, liability for the first two operable units, and EPA oversight cost for the two Operable Units). The offer closed August 3, 1990. The settlement will result in a Second Partial Consent Decree. A ROD Amendment addressing Operable Unit 3 was completed in September 1990.

CERCLIS Assessment History:

Action Code:	001
Action:	DISCOVERY
Date Started:	/ /
Date Completed:	11/01/79
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	SITE INSPECTION
Date Started:	01/01/84
Date Completed:	04/01/84
Priority Level:	Higher priority for further assessment
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	PRELIMINARY ASSESSMENT
Date Started:	/ /
Date Completed:	04/01/84
Priority Level:	Higher priority for further assessment
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	HAZARD RANKING SYSTEM PACKAGE

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Date Started:	/ /
Date Completed:	04/01/84
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started:	/ /
Date Completed:	10/15/84
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started:	/ /
Date Completed:	02/15/85
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	002
Action:	REMEDIAL INVESTIGATION/FEASIBILITY STUDY WORKPLAN APPROVAL BY HQ
Date Started:	/ /
Date Completed:	03/01/85
Priority Level:	Not reported
Operable Unit:	OVERALL SITE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	FORWARD PLANNING
Date Started:	09/24/84
Date Completed:	10/10/85
Priority Level:	Not reported
Operable Unit:	OVERALL SITE

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Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMEDIAL INVESTIGATION
Date Started: 06/28/85
Date Completed: 04/01/86
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: / /
Date Completed: 06/10/86
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: Notice Letters Issued
Date Started: / /
Date Completed: 06/20/86
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY WORKPLAN APPROVAL BY HQ
Date Started: 04/04/86
Date Completed: 08/01/86
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

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For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMOVAL
Date Started: 10/01/86
Date Completed: 04/10/87
Priority Level: Cleaned up
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: FEASIBILITY STUDY
Date Started: 03/26/87
Date Completed: 07/31/87
Priority Level: Not reported
Operable Unit: SITE CONTROL & MONIT LTR AGREE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 07/31/87
Priority Level: Not reported
Operable Unit: SITE CONTROL & MONIT LTR AGREE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMOVAL
Date Started: 10/08/85
Date Completed: 08/01/87
Priority Level: Stabilized
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: REMOVAL

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Date Started: 02/15/87
Date Completed: 08/01/87
Priority Level: Stabilized
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: TECHNICAL ASSISTANCE
Date Started: 12/31/85
Date Completed: 09/30/87
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: PRE-DESIGN ASSISTANCE
Date Started: 02/03/86
Date Completed: 09/30/87
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FEASIBILITY STUDY
Date Started: 03/19/85
Date Completed: 11/16/87
Priority Level: Not reported
Operable Unit: LEACHATE MANAGEMENT
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 11/16/87
Priority Level: Not reported
Operable Unit: LEACHATE MANAGEMENT
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary

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Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Special Notice Issued
Date Started: / /
Date Completed: 02/19/88
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: CLAIM IN BANKRUPTCY PROCEEDING
Date Started: 03/10/87
Date Completed: 02/29/88
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: COST RECOVERY NEGOTIATIONS
Date Started: 07/01/87
Date Completed: 02/29/88
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started: / /
Date Completed: 02/29/88
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Action Code:	001
Action:	REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started:	02/18/88
Date Completed:	09/28/88
Priority Level:	Not reported
Operable Unit:	OVERALL SITE
Primary Responsibility:	Federal Enforcement
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	003
Action:	FEASIBILITY STUDY
Date Started:	09/22/87
Date Completed:	09/30/88
Priority Level:	Not reported
Operable Unit:	GAS/CD3
Primary Responsibility:	Federal Enforcement
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	003
Action:	RECORD OF DECISION
Date Started:	/ /
Date Completed:	09/30/88
Priority Level:	Not reported
Operable Unit:	GAS/CD3
Primary Responsibility:	Federal Enforcement
Planning Status:	Project Suspended
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started:	10/01/86
Date Completed:	11/17/88
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	003
Action:	CONSENT DECREE
Date Started:	11/17/88
Date Completed:	05/08/89
Priority Level:	Not reported

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMEDIAL ACTION
Date Started: 09/21/87
Date Completed: 05/11/89
Priority Level: Not reported
Operable Unit: SITE CONTROL & MONIT LTR AGREE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Original Action Take Over

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: ADMINISTRATIVE RECORDS
Date Started: 07/01/89
Date Completed: 07/01/89
Priority Level: Admin Record Compiled for a Removal Event
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: Notice Letters Issued
Date Started: / /
Date Completed: 07/10/89
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: CLAIM IN BANKRUPTCY PROCEEDING
Date Started: 11/01/89
Date Completed: 11/15/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006
Action: Notice Letters Issued
Date Started: / /
Date Completed: 12/06/89
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMEDIAL INVESTIGATION
Date Started: 04/10/86
Date Completed: 03/30/90
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMOVAL ASSESSMENT
Date Started: 09/06/90
Date Completed: 09/06/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: RECORD OF DECISION AMENDMENT
Date Started: / /
Date Completed: 09/28/90
Priority Level: Not reported
Operable Unit: GAS/CD3
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Action Code: 004
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 03/30/90
Date Completed: 10/01/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: CLAIM IN BANKRUPTCY PROCEEDING
Date Started: 05/23/90
Date Completed: 11/02/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 05/11/89
Date Completed: 01/04/91
Priority Level: Not reported
Operable Unit: SITE CONTROL & MONIT LTR AGREE
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: CONSENT DECREE
Date Started: / /
Date Completed: 02/25/91
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 05/11/89
Date Completed: 07/18/91

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Priority Level: Not reported
Operable Unit: LEACHATE MANAGEMENT
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: CONSENT DECREE
Date Started: / /
Date Completed: 07/31/91
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: CONSENT DECREE
Date Started: 10/01/90
Date Completed: 09/17/91
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 09/28/90
Date Completed: 09/27/91
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: CONSENT DECREE
Date Started: 09/27/91
Date Completed: 03/30/92
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 09/18/92
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: Notice Letters Issued
Date Started: / /
Date Completed: 10/20/92
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: PREPARATION OF COST DOCUMENT PACKAGE
Date Started: 07/07/92
Date Completed: 12/10/92
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMOVAL ASSESSMENT
Date Started: / /
Date Completed: 12/30/92
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Action Code:	001
Action:	Notice Letters Issued
Date Started:	/ /
Date Completed:	05/23/93
Priority Level:	Not reported
Operable Unit:	OVERALL SITE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	002
Action:	Notice Letters Issued
Date Started:	/ /
Date Completed:	05/26/93
Priority Level:	Not reported
Operable Unit:	OVERALL SITE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	002
Action:	REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started:	09/28/90
Date Completed:	11/02/93
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	UNILATERAL ADMIN ORDER
Date Started:	/ /
Date Completed:	11/02/93
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	003
Action:	REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started:	09/09/93

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Date Completed:	12/12/94
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	Lodged By DOJ
Date Started:	/ /
Date Completed:	12/29/94
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	006
Action:	CONSENT DECREE
Date Started:	12/12/94
Date Completed:	04/03/95
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	FIVE-YEAR REVIEW
Date Started:	02/09/95
Date Completed:	06/21/95
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	002
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started:	07/18/91
Date Completed:	09/29/95
Priority Level:	Not reported
Operable Unit:	LEACHATE MANAGEMENT

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 007
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 07/25/95
Date Completed: 12/29/95
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: Lodged By DOJ
Date Started: / /
Date Completed: 03/19/96
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 007
Action: CONSENT DECREE
Date Started: 12/29/95
Date Completed: 07/10/96
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/15/89
Date Completed: 09/30/96
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 09/30/96
Priority Level: Final Remedy Selected at Site
Operable Unit: OVERALL SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 03/07/97
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 05/11/89
Date Completed: 05/10/97
Priority Level: Not reported
Operable Unit: SITE CONTROL & MONIT LTR AGREE
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Long Term Action
Action Anomaly: New Action Resulting from Take Over

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: Lodged By DOJ
Date Started: / /
Date Completed: 07/23/97
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Not reported
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 010
Action: CONSENT DECREE

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Date Started: 06/23/97
Date Completed: 09/23/97
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: Special Notice Issued
Date Started: / /
Date Completed: 09/30/97
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 007
Action: Notice Letters Issued
Date Started: / /
Date Completed: 05/07/98
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 04/01/92
Date Completed: 05/28/98
Priority Level: Not reported
Operable Unit: GAS/CD3
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 008
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 05/08/98
Date Completed: 09/30/98
Priority Level: Not reported
Operable Unit: SITEWIDE

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 09/30/98
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 09/17/91
Date Completed: 09/24/99
Priority Level: Not reported
Operable Unit: GAS/CD3
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: COST RECOVERY NEGOTIATIONS
Date Started: 08/20/98
Date Completed: 09/30/99
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 09/30/99
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Action Code: 003
Action: FIVE-YEAR REVIEW
Date Started: 01/25/00
Date Completed: 02/18/00
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 010
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 09/30/99
Date Completed: 08/07/00
Priority Level: Not reported
Operable Unit: GAS/CD3
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: Lodged By DOJ
Date Started: / /
Date Completed: 08/18/00
Priority Level: Not reported
Operable Unit: GAS/CD3
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 011
Action: CONSENT DECREE
Date Started: 08/07/00
Date Completed: 08/28/00
Priority Level: Multi-Site-First Site
Operable Unit: GAS/CD3
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 09/29/00

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 09/27/01
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 009
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 09/30/97
Date Completed: 09/28/01
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: Lodged By DOJ
Date Started: / /
Date Completed: 12/28/01
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: REMOVAL
Date Started: 11/23/92
Date Completed: 03/15/02
Priority Level: Cleaned up
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Non-Time Critical
Action Anomaly: Not reported

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

For detailed financial records, contact EDR for a Site Report.:

Action Code:	004
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started:	09/28/01
Date Completed:	05/08/02
Priority Level:	Not reported
Operable Unit:	OVERALL SITE
Primary Responsibility:	Responsible Party
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	009
Action:	CONSENT DECREE
Date Started:	09/28/01
Date Completed:	05/28/02
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	003
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started:	05/28/98
Date Completed:	09/24/02
Priority Level:	Final RA Report
Operable Unit:	GAS/CD3
Primary Responsibility:	Responsible Party
Planning Status:	Primary
Urgency Indicator:	Long Term Action
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	005
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started:	09/24/99
Date Completed:	09/24/02
Priority Level:	Final RA Report
Operable Unit:	GAS/CD3
Primary Responsibility:	Responsible Party
Planning Status:	Primary
Urgency Indicator:	Long Term Action
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	006
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	/ /
Date Completed:	09/30/02

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: CLAIM IN BANKRUPTCY PROCEEDING
Date Started: 09/27/02
Date Completed: 09/10/03
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: CONSENT AGREEMENT (ADMINISTRATIVE)
Date Started: / /
Date Completed: 09/10/03
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 05/08/02
Date Completed: 09/29/03
Priority Level: Interim RA Report
Operable Unit: OVERALL SITE
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Long Term Action
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: FIVE-YEAR REVIEW
Date Started: / /
Date Completed: 09/28/05
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 04/27/04
Date Completed: 07/24/06
Priority Level: Not reported
Operable Unit: GAS/CD3
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006
Action: Lodged By DOJ
Date Started: / /
Date Completed: 11/06/07
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: SECTION 107 LITIGATION
Date Started: 07/15/04
Date Completed: 02/12/08
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 012
Action: CONSENT DECREE
Date Started: / /
Date Completed: 02/12/08
Priority Level: Multi-Site-Subsequent Site
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Action Code:	008
Action:	Lodged By DOJ
Date Started:	/ /
Date Completed:	03/11/08
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	014
Action:	CONSENT DECREE
Date Started:	03/12/03
Date Completed:	06/02/08
Priority Level:	Multi-Site-Subsequent Site
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	006
Action:	CLAIM IN BANKRUPTCY PROCEEDING
Date Started:	08/21/06
Date Completed:	02/12/09
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	015
Action:	CONSENT DECREE
Date Started:	/ /
Date Completed:	09/24/09
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	007
Action:	Lodged By DOJ
Date Started:	/ /

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Date Completed:	12/08/09
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	013
Action:	CONSENT DECREE
Date Started:	08/10/09
Date Completed:	03/26/10
Priority Level:	Multi-Site-Subsequent Site
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	006
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started:	07/24/06
Date Completed:	09/22/10
Priority Level:	Final RA Report
Operable Unit:	GAS/CD3
Primary Responsibility:	Responsible Party
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	005
Action:	FIVE-YEAR REVIEW
Date Started:	01/04/10
Date Completed:	09/27/10
Priority Level:	Not reported
Operable Unit:	OVERALL SITE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	008
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	/ /
Date Completed:	11/16/10
Priority Level:	Not reported
Operable Unit:	SITEWIDE

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: PRELIMINARY CLOSE-OUT REPORT PREPARED
Date Started: / /
Date Completed: 09/11/12
Priority Level: Not reported
Operable Unit: OVERALL SITE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: TECHNICAL ASSISTANCE
Date Started: 12/31/85
Date Completed: / /
Priority Level: Not reported
Operable Unit: LEACHATE MANAGEMENT
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: OPERATIONS AND MAINTENANCE
Date Started: 09/29/95
Date Completed: / /
Priority Level: Not reported
Operable Unit: LEACHATE MANAGEMENT
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: OPERATIONS AND MAINTENANCE
Date Started: 05/10/97
Date Completed: / /
Priority Level: Not reported
Operable Unit: SITE CONTROL & MONIT LTR AGREE
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: OPERATIONS AND MAINTENANCE
Date Started: 08/05/05
Date Completed: / /
Priority Level: Not reported
Operable Unit: GAS/CD3
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Federal Register Details:
Fed Register Date: 06/10/86
Fed Register Volume: 51
Page Number: 21054

Fed Register Date: 10/15/84
Fed Register Volume: 49
Page Number: 40320

Click this hyperlink while viewing on your computer to access
2468 additional US CERCLIS Financial: record(s) in the EDR Site Report.

CORRACTS:

EPA ID: CAT080012024
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19840401
Action: CA029SF
NAICS Code(s): 56291
Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT080012024
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19840401
Action: CA049PA
NAICS Code(s): 56291
Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT080012024
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19840401
Action: CA049SI

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

NAICS Code(s): 56291
Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT080012024
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19840401
Action: CA074HI
NAICS Code(s): 56291
Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT080012024
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19840401
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): 56291
Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAT080012024
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19960101
Action: CA210SF - CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA
NAICS Code(s): 56291
Remediation Services
Original schedule date: Not reported
Schedule end date: Not reported

US ENG CONTROLS:
EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: 09/30/1996

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: 09/30/1996

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

EPA ID: CAT080012024
Site ID: 0902673
Name: OPERATING INDUSTRIES, INC., LANDFILL
Address: 900 N POTRERO GRANDE DR
MONTEREY PARK, CA 91754
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: 09/30/1996

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 07/31/1987
Operable Unit: 04
Contaminated Media : Air
Engineering Control: Monitoring

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 07/31/1987
Operable Unit: 04
Contaminated Media : Air
Engineering Control: Operations & Maintenance (O&M)

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 07/31/1987
Operable Unit: 04
Contaminated Media : Leachate
Engineering Control: Monitoring

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 07/31/1987
Operable Unit: 04
Contaminated Media : Leachate
Engineering Control: Operations & Maintenance (O&M)

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 11/16/1987
Operable Unit: 02
Contaminated Media : Leachate
Engineering Control: Air Stripping

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 11/16/1987
Operable Unit: 02
Contaminated Media : Leachate
Engineering Control: Clarification

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 11/16/1987
Operable Unit: 02
Contaminated Media : Leachate

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

Engineering Control: Oil Water Separation

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 11/16/1987
Operable Unit: 02
Contaminated Media : Leachate
Engineering Control: Treatment, (N.O.S.)

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/30/1988
Operable Unit: 03
Contaminated Media : Landfill Gas
Engineering Control: Active Gas Collection System

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/30/1988
Operable Unit: 03
Contaminated Media : Landfill Gas
Engineering Control: Flame Flare, (N.O.S.)

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/30/1988
Operable Unit: 03
Contaminated Media : Landfill Gas
Engineering Control: Monitoring

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 09/30/1996
Operable Unit: 01
Contaminated Media : Leachate
Engineering Control: Leachate Control

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 09/30/1996
Operable Unit: 01
Contaminated Media : Leachate
Engineering Control: Pump And Treat

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 09/30/1996
Operable Unit: 01
Contaminated Media : Leachate
Engineering Control: Treatment, (N.O.S.)

Action ID: 001
Action Name: ROD Amendment
Action Completion date: 09/28/1990
Operable Unit: 03
Contaminated Media : Landfill Gas
Engineering Control: Landfill Cover

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

CONSENT:
EPA ID: CAT080012024
Site ID: Not reported
Case Title: IN RE: ARGO PETROLEUM AND ARGO REALTY CORPORATION
Court Num: 86-15585
District: California, Cent
Entered Date: 19910225
Full-text of the consent decree for this site issued by the United States District Court is available from EDR. Contact your EDR Account Executive.

ROD:
Full-text of USEPA Record of Decision(s) is available from EDR.

PRP:
PRP name: 7UP/RC BOTTLING COMPANIES OF SOUTHERN CALIFORNIA
A&A WIPING CLOTH COMPANY, INC.
A. J. DAW PRINTING INK CO.
A.B. DICK CO.
AB PLASTICS CORP.
ABBOTT LABORATORIES
ABC UNIFIED SCHOOL DISTRICT
ABM JANITORIAL SVCS. SUCCESSOR AMERICAN BLDG. MAIN
ACCESSORY PLATING
ACCURIDE INTERNATIONAL, INC.
ACTIVE USA, INC
ADAMS RITE AEROSPACE, INC.
ADAMS RITE MANUFACTURING CO.
ADOHR FARMS LLC
AERO ENGINES, INC.
AGREX, INC
AGRI-CHEMICAL & SUPPLY, INC.
AIR LIQUIDE AMERICA CORP.
AIR NATIONAL GUARD
AIR PRODUCTS & CHEMICALS, INC.
AIR SYSTEM COMPONENTS FKA LAU INDUSTRIES & RUSKIN
AK STEEL CORPORATION
AKZO NOBEL COATINGS INC.
AL ASHER & SONS, INC.
AL LARSON BOAT SHOP
AL'S PLATING CO., INC.
ALAMEDA TRUCK TERMINAL, INC.
ALANT CORP.
ALCAN PACKAGING FOOD AND TOBACCO INC.
ALCOA COMPOSITES, INC./WESTLOCK DIVISION
ALCOA, INC
ALHAMBRA SCHOOL DISTRICT
ALHAMBRA VALLEY PROPERTIES
ALKID CORP.
ALLADIN PLASTICS, INC.
ALLAN AIRCRAFT SUPPLY CO., LLC
ALLEGIANCE CORPORATION
ALLEN TELECOM, INC. OBO THE ALLEN ELECTRIC & EQUIP
ALLESANDRO AUTOMATIC, INC.
ALLFAST FASTENING SYSTEMS, INC.
ALLIED BARON & BLAKESLEE, INC.

NEW CURE, INC./OPERATING INDUSTIRES, INC/ (Continued) **1000353881**

ALLIED-SIGNAL, INC.
ALLIED-SIGNAL, INC.
ALPHA STEEL TUBING
ALSON INDUSTRIES, INC.
ALUMAX MILL PRODUCTS, INC.
ALUMINUM CO. OF AMERICA
ALUMINUM CO. OF AMERICA
AMERICAN AIRLINES, INC
AMERICAN AIRLINES, INC
AMERICAN AIRLINES, INC
AMERICAN BILTRITE, INC.
AMERICAN CAN COMPANY
AMERICAN HOME PRODUCTS CORP.
AMERICAN HOME PRODUCTS CORP.
AMERICAN HONDA MOTOR CO., INC.
AMERICAN LINEN SUPPLY CO.
AMERICAN METASEAL COMPANY OF SOUTHERN CALIFORNIA
AMERICAN NATIONAL CAN
AMERICAN NATIONAL CAN

Click this hyperlink while viewing on your computer to access
1348 additional PRP: record(s) in the EDR Site Report.

A7 **UNION BANK** **NPDES** **U003776207**
East **1980 SATURN** **SWEEPS UST** **N/A**
< 1/8 **MONTEREY PARK, CA 91755**
0.007 mi.
36 ft. **Site 7 of 8 in cluster A**

Relative:
Higher

Actual:
381 ft.

NPDES:

Npdes Number:	CAS000002
Facility Status:	Terminated
Agency Id:	0
Region:	4
Regulatory Measure Id:	430259
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	4 19C364479
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/29/2012
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	01/30/2013
Discharge Name:	Union Bank
Discharge Address:	1980 Saturn Street
Discharge City:	Monterey Park
Discharge State:	California
Discharge Zip:	91755

SWEEPS UST:

Status:	Active
Comp Number:	8139
Number:	9
Board Of Equalization:	44-008240
Referral Date:	06-30-89
Action Date:	Not reported

UNION BANK (Continued) **U003776207**

Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-008139-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	1

A8 **UNION BANK OPERATIONS CENTER** **UST** **U004050793**
East **1980 SATURN ST** **LOS ANGELES CO. HMS** **N/A**
< 1/8 **MONTEREY PARK, CA 91755**
0.007 mi.
36 ft. **Site 8 of 8 in cluster A**

Relative:
Higher

Actual:
381 ft.

UST:

Facility ID:	8139
Latitude:	34.039663
Longitude:	-118.11256
Permitting Agency:	LOS ANGELES COUNTY

LOS ANGELES CO. HMS:

Region:	LA
Facility Id:	009094-008139
Facility Type:	T0
Facility Status:	Permit
Area:	3M
Permit Number:	00001066T
Permit Status:	Permit

B9 **ROSS NAME PLATE CO** **RCRA-SQG** **1000375272**
WSW **NUMBER 2 RED PLUM CR** **CA FID UST** **CAD981685373**
< 1/8 **MONTEREY PARK, CA 91754** **SWEEPS UST**
0.008 mi.
44 ft. **Site 1 of 3 in cluster B**

Relative:
Lower

Actual:
345 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	ROSS NAME PLATE CO
Facility address:	NUMBER 2 RED PLUM CR MONTEREY PARK, CA 91754
EPA ID:	CAD981685373
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous

ROSS NAME PLATE CO (Continued) **1000375272**

waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	ROSS HARRY
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	10/21/1986
Site name:	ROSS NAME PLATE CO
Classification:	Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date:	03/08/1993
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State Contractor/Grantee

ROSS NAME PLATE CO (Continued) **1000375272**

CA FID UST:
- Facility ID: 19052411
- Regulated By: UTNKA
- Regulated ID: 981685373
- Cortese Code: Not reported
- SIC Code: Not reported
- Facility Phone: 2137256812
- Mail To: Not reported
- Mailing Address: 2 RED PLUM
- Mailing Address 2: Not reported
- Mailing City,St,Zip: MONTEREY PARK 91754
- Contact: Not reported
- Contact Phone: Not reported
- DUNs Number: Not reported
- NPDES Number: Not reported
- EPA ID: Not reported
- Comments: Not reported
- Status: Active

SWEEPS UST:
- Status: Active
- Comp Number: 7314
- Number: 1
- Board Of Equalization: Not reported
- Referral Date: 03-15-90
- Action Date: 03-15-90
- Created Date: 03-15-90
- Owner Tank Id: Not reported
- SWRCB Tank Id: 19-000-007314-000001
- Tank Status: A
- Capacity: 5000
- Active Date: 03-15-90
- Tank Use: M.V. FUEL
- STG: P
- Content: REG UNLEADED
- Number Of Tanks: 1

B10 **ALPHA PHOTONICS/LYLE OPTPELECTRONICS** **LA Co. Site Mitigation** **S102229306**
WSW **2019 SATURN ST** **LOS ANGELES CO. HMS** **N/A**
< 1/8 **MONTEREY PARK, CA 91754** **ENVIROSTOR**
0.009 mi.
50 ft. **Site 2 of 3 in cluster B**

Relative:
Lower

Actual:
345 ft.

LA Co. Site Mitigation:
- Facility ID: Not reported
- Site ID: SD0000386
- Jurisdiction: State
- Case ID: RO0001387
- Abated: Yes
- Assigned To: Richard Clark
- Entered Date: 10/06/2011

LOS ANGELES CO. HMS:
- Region: LA
- Facility Id: 017339-023495
- Facility Type: I01

ALPHA PHOTONICS/LYLE OPTPELECTRONICS (Continued) **S102229306**

Facility Status: Closed
Area: 3M
Permit Number: 000014261
Permit Status: Closed

ENVIROSTOR:
Facility ID: 71003355
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: 49
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.03887
Longitude: -118.1172
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000144747
Alias Type: EPA Identification Number
Alias Name: 110012204168
Alias Type: EPA (FRS #)
Alias Name: 71003355
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

B11 **ALPHA PHOTONICS** **RCRA-SQG** **1004676637**
WSW **2019 SATURN ST** **FINDS** **CAR000087692**
< 1/8 **MONTEREY PARK, CA 91755**
0.009 mi.
50 ft. **Site 3 of 3 in cluster B**

Relative:
Lower

Actual:
345 ft.

RCRA-SQG:

Date form received by agency:	11/07/2000
Facility name:	ALPHA PHOTONICS
Facility address:	2019 SATURN ST MONTEREY PARK, CA 91754
EPA ID:	CAR000087692
Contact:	DONALD HUDGIES
Contact address:	2019 SATURN ST MONTEREY PARK, CA 91754
Contact country:	US
Contact telephone:	(626) 350-4886
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	AMERICAN XTAL TECHNOLOGY INC
Owner/operator address:	4281 TECHNOLOGY DR FREMONT, CA 94538
Owner/operator country:	Not reported
Owner/operator telephone:	(510) 683-5900
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	11/07/2000
Site name:	ALPHA PHOTONICS
Classification:	Small Quantity Generator

ALPHA PHOTONICS (Continued) **1004676637**

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110012204168

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

C12
ESE
< 1/8
0.118 mi.
622 ft.

RESURRECTION CEMETERY
966 POTRERO GRANDE DR
ROSEMEAD, CA 91770

Database(s): **HIST UST**
EDR ID Number: **U001570506**
EPA ID Number: **N/A**

Site 1 of 5 in cluster C

Relative:
Lower

Actual:
348 ft.

HIST UST:

Region:	STATE
Facility ID:	00000060918
Facility Type:	Other
Other Type:	CEMETERY
Total Tanks:	0002
Contact Name:	GERALD ROBERTS
Telephone:	2137281231
Owner Name:	THE ROMAN CATHOLIC ARCHBISHOP
Owner Address:	1531 W. NINTH STREET
Owner City,St,Zip:	LOS ANGELES, CA 90012
Tank Num:	001
Container Num:	GAS
Year Installed:	Not reported
Tank Capacity:	00001800
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	DIESEL
Year Installed:	Not reported
Tank Capacity:	00001800
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	Not reported
Leak Detection:	None

C13
ESE
< 1/8
0.121 mi.
641 ft.

SCE MONTEBELLO SERVICE CTR
1000 E POTRERO GRANDE DR
MONTEREY PARK, CA 91755

Database(s): **RCRA-LQG**
EDR ID Number: **1011861636**
EPA ID Number: **CAR000195891**

Site 2 of 5 in cluster C

Relative:
Lower

Actual:
352 ft.

RCRA-LQG:

Date form received by agency:	12/07/2010
Facility name:	SCE MONTEBELLO SERVICE CTR
Facility address:	1000 E POTRERO GRANDE DR MONTEREY PARK, CA 91755
EPA ID:	CAR000195891
Mailing address:	PO BOX 800 ATTEN SARA DUVALL ROSEMEAD, CA 91770
Contact:	SARA M DUVALL
Contact address:	PO BOX 800 ROSEMEAD, CA 91770
Contact country:	US
Contact telephone:	626-302-4187
Contact email:	SARA.DUVALL@SCE.COM
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any

SCE MONTEBELLO SERVICE CTR (Continued) **1011861636**

calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	SOUTHERN CALIFORNIA EDISON
Owner/operator address:	PO BOX 800
	ROSEMEAD, CA 91770
Owner/operator country:	US
Owner/operator telephone:	626-302-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1975
Owner/Op end date:	Not reported

Owner/operator name:	SOUTHERN CALIFORNIA EDISON
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1975
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	10/10/2008
Site name:	MONTEBELLO SERVICE CENTER
Classification:	Large Quantity Generator

SCE MONTEBELLO SERVICE CTR (Continued) **1011861636**

Hazardous Waste Summary:

Waste code:	131
Waste name:	131
Waste code:	151
Waste name:	151
Waste code:	181
Waste name:	181
Waste code:	211
Waste name:	211
Waste code:	213
Waste name:	213
Waste code:	214
Waste name:	214
Waste code:	221
Waste name:	221
Waste code:	223
Waste name:	223
Waste code:	261
Waste name:	261
Waste code:	272
Waste name:	272
Waste code:	291
Waste name:	291
Waste code:	331
Waste name:	331
Waste code:	343
Waste name:	343
Waste code:	352
Waste name:	352
Waste code:	461
Waste name:	461
Waste code:	512
Waste name:	512
Waste code:	513
Waste name:	513
Waste code:	541
Waste name:	541
Waste code:	551
Waste name:	551

SCE MONTEBELLO SERVICE CTR (Continued) **1011861636**

Waste code: 731
Waste name: 731

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D008
Waste name: LEAD

Waste code: D018
Waste name: BENZENE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: D040
Waste name: TRICHLOROETHYLENE

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

SCE MONTEBELLO SERVICE CTR (Continued) **1011861636**

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

C14
ESE
< 1/8
0.121 mi.
641 ft.

OPERATING INDUSTRIES, INC. **ODI** **1007443879**
1000 POTRERO GRANDE DRIVE **N/A**
MONTEREY PARK, CA

Site 3 of 5 in cluster C

Relative:
Lower

Actual:
352 ft.

ODI:
Non Compliance Category: 06 07 08 11
Latitude: 34 02 00
Longitude: 118 05 00

C15
ESE
< 1/8
0.121 mi.
641 ft.

SOUTHERN CALIFORNIA EDISON **CA FID UST** **S101583010**
1000 POTRERO GRANDE DR **SWEEPS UST** **N/A**
MONTEREY PARK, CA

Site 4 of 5 in cluster C

Relative:
Lower

Actual:
352 ft.

CA FID UST:
Facility ID: 19002218
Regulated By: UTNKA
Regulated ID: 00022217
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8180000000
Mail To: Not reported
Mailing Address: 1000 BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: MONTEREY PARK
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SOUTHERN CALIFORNIA EDISON (Continued) **S101583010**

SWEEPS UST:

Status:	Active
Comp Number:	7315
Number:	9
Board Of Equalization:	44-007438
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-007315-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	3

Status:	Active
Comp Number:	7315
Number:	9
Board Of Equalization:	44-007438
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-007315-000002
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	7315
Number:	9
Board Of Equalization:	44-007438
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-007315-000003
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

C16
ESE
< 1/8
0.121 mi.
641 ft.

MONTEREY PARK DISTRICT OFF/SC — **HIST UST** — **U001569893** / **N/A**
1000 POTRERO GRANDE DR
MONTEREY PARK, CA 91754

Site 5 of 5 in cluster C

Relative:
Lower

Actual:
352 ft.

HIST UST:

Region:	STATE
Facility ID:	00000022217
Facility Type:	Other
Other Type:	ELECTRIC UTILITY
Total Tanks:	0003
Contact Name:	SUPERVISOR
Telephone:	8185721801
Owner Name:	SOUTHERN CALIFORNIA EDISON CO.
Owner Address:	2244 WALNUT GROVE AVENUE
Owner City,St,Zip:	ROSEMEAD, CA 91770

Tank Num:	001
Container Num:	273
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	None

Tank Num:	002
Container Num:	274
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	Not reported
Leak Detection:	None

Tank Num:	003
Container Num:	363
Year Installed:	1984
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	Not reported
Leak Detection:	Stock Inventor

D17
East
1/8-1/4
0.170 mi.
900 ft.

SCE - MONTEBELLO SERVICE CNTR — **UST** — **U004050602** / **N/A**
1000 POTRERO GRANDE DR
MONTEREY PARK, CA 91755

Site 1 of 5 in cluster D

Relative:
Higher

Actual:
365 ft.

UST:

Facility ID:	7315
Latitude:	34.03895
Longitude:	-118.10963
Permitting Agency:	LOS ANGELES COUNTY

D18 **MONTEBELLO SERVICE CENTER** **LUST** **S101297592**
East **1000 POTRERO GRANDE DR** **N/A**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.170 mi.
900 ft. **Site 2 of 5 in cluster D**

Relative:
Higher

Actual:
365 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	I-07315	
Status:	Case Closed	
Substance:	Diesel	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603703289	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19000	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		12/27/1989
Date Leak Record Entered:	1/11/1990	
Date Confirmation Began:	11/14/1988	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		3/2/1994
Date the Case was Closed:		9/25/1996
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		3653.4974684225738641949883227
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	SOUTHERN CALIFORNIA EDISON	
RP Address:	2244 WALNUT GROVE AVE, ROSEMEAD CA 91770	
Program:	LUST	
Lat/Long:	34.0399704 / -1	
Local Agency Staff:	Not reported	

MONTEBELLO SERVICE CENTER (Continued) **S101297592**

Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

D19 **AST** **A100344343**
East **1000 POTRERO GRANDE DR** **N/A**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.170 mi.
900 ft. **Site 3 of 5 in cluster D**

Relative:
Higher

Actual:
365 ft.

AST:
Certified Unified Program Agencies: Los Angeles County
Owner: SO CAL EDISON (MONTEBELLO)
Total Gallons: 3702

D20 **SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER** **RCRA-LQG** **1007199103**
East **1000 POTRERO GRANDE DR** **FINDS** **CAD980881775**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.170 mi.
900 ft. **Site 4 of 5 in cluster D**

Relative:
Higher

Actual:
365 ft.

RCRA-LQG:
Date form received by agency: 03/01/2006
Facility name: SO CAL EDISON MONTEBELLO CSO/AUTO
Facility address: 1000 POTRERO GRANDE DR.
MONTEREY PARK, CA 91755
EPA ID: CAD980881775
Mailing address: 2244 WALNUT GROVE AVE.
ROSEMEAD, CA 91770
Contact: STAN L MARSH
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (626) 302-9711
Contact email: STANLEY.MARSH@SCE.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: SOUTHER CALIFORNIA EDISON CO
Owner/operator address: 2244 WALNUT GROVE AVE.

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **1007199103**

ROSEMEAD, CA 91770
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1920
Owner/Op end date: Not reported

Owner/operator name: SOUTHERN CALIFORNIA EDISON CO
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1920
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 03/04/1999
Site name: MONTEBELLO CSO
Classification: Large Quantity Generator

Date form received by agency: 02/27/1996
Site name: SOUTHERN CALIFORNIA EDISON
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D007
Waste name: CHROMIUM

SOUTHERN CALIFORNIA EDISON MONTEBELLO SERVICE CENTER (Continued) **1007199103**

Waste code: D018
Waste name: BENZENE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: D040
Waste name: TRICHLOROETHYLENE

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: U210
Waste name: ETHENE, TETRACHLORO-

Violation Status: No violations found

FINDS:

Registry ID: 110055851993

Environmental Interest/Information System
STATE MASTER

D21 **SOUTHERN CAL. EDISON/MONTEBELO** **HIST CORTESE** **S103619840**
East **1000 POTRERO GRANDE DR** **LUST** **N/A**
1/8-1/4 **MONTEREY PARK, CA 91754** **LA Co. Site Mitigation**
0.170 mi.
900 ft. **Site 5 of 5 in cluster D**

Relative:
Higher

Actual:
365 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	I-07315

LUST:

Region:	STATE
Global Id:	T10000004493
Latitude:	34.0393927201702
Longitude:	-118.10690082439
Case Type:	LUST Cleanup Site
Status:	Open - Site Assessment
Status Date:	12/18/2012
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	AJL
Local Agency:	LOS ANGELES COUNTY
RB Case Number:	I-07315A
LOC Case Number:	006998-007315
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T10000004493
Contact Type:	Regional Board Caseworker
Contact Name:	AHMAD J. LAMMA
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 West 4th Street Suite 200
City:	Los Angeles
Email:	alamaa@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T10000004493
Contact Type:	Local Agency Caseworker
Contact Name:	PHILLIP GHARIBIANS-TABRIZI
Organization Name:	LOS ANGELES COUNTY
Address:	900 S. FREMONT AVE.
City:	ALHAMBRA
Email:	pgharibians@dpw.lacounty.gov
Phone Number:	Not reported

Status History:

Global Id:	T10000004493
Status:	Open - Case Begin Date
Status Date:	01/04/2002

Global Id:	T10000004493
Status:	Open - Site Assessment
Status Date:	12/18/2012

SOUTHERN CAL. EDISON/MONTEBELO (Continued) **S103619840**

Regulatory Activities:

Global Id:	T10000004493
Action Type:	Other
Date:	01/04/2002
Action:	Leak Began
Global Id:	T10000004493
Action Type:	RESPONSE
Date:	03/01/2013
Action:	Other Report / Document
Global Id:	T10000004493
Action Type:	Other
Date:	01/12/2012
Action:	Leak Reported
Global Id:	T10000004493
Action Type:	Other
Date:	01/04/2002
Action:	Leak Discovery
Global Id:	T10000004493
Action Type:	Other
Date:	01/04/2002
Action:	Leak Stopped
Global Id:	T10000004493
Action Type:	ENFORCEMENT
Date:	02/01/2013
Action:	Staff Letter
Global Id:	T10000004493
Action Type:	RESPONSE
Date:	07/11/2014
Action:	Conceptual Site Model
Global Id:	T10000004493
Action Type:	ENFORCEMENT
Date:	12/13/2012
Action:	Referral to Regional Board

Region:	STATE
Global Id:	T0603703289
Latitude:	34.0399704
Longitude:	-118.1076016
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/25/1996
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	YR
Local Agency:	LOS ANGELES COUNTY
RB Case Number:	I-07315
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel

SOUTHERN CAL. EDISON/MONTEBELO (Continued) **S103619840**

Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603703289
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603703289
Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone Number:	6264583507

Status History:

Global Id:	T0603703289
Status:	Completed - Case Closed
Status Date:	09/25/1996

Global Id:	T0603703289
Status:	Open - Case Begin Date
Status Date:	11/14/1988

Global Id:	T0603703289
Status:	Open - Site Assessment
Status Date:	11/14/1988

Regulatory Activities:

Global Id:	T0603703289
Action Type:	Other
Date:	12/27/1989
Action:	Leak Reported

LA Co. Site Mitigation:

Facility ID:	FA0021167
Site ID:	SD0010429
Jurisdiction:	State
Case ID:	RO0010429
Abated:	Yes
Assigned To:	Kim Clark
Entered Date:	05/11/2004

22
WSW
1/8-1/4
0.176 mi.
927 ft.

MOBAY CHEM CORP MONTEREY PK
17 CUPANIA CIR
MONTEREY PARK, CA 91755

RCRA-SQG **1000160843**
FINDS **CAD066647306**

Relative:
Lower

Actual:
328 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	MOBAY CHEM CORP MONTEREY PK
Facility address:	17 CUPANIA CIR MONTEREY PARK, CA 91754
EPA ID:	CAD066647306
Mailing address:	17 CUPANIA CIRCLE MONTEREY PARK, CA 91754
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	MCCASLIN PACIFIC PROPERTIES
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

MOBAY CHEM CORP MONTEREY PK (Continued) **1000160843**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/18/1980
Site name: MOBAY CHEM CORP MONTEREY PK
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002655001

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

E23 **MESA SUBSTATION** **HIST UST** **U001569890**
South **700 POTRERO GRANDE DR** **N/A**
1/8-1/4 **MONTEREY PARK, CA 91754**
0.182 mi.
961 ft. **Site 1 of 5 in cluster E**

Relative:
Lower

Actual:
346 ft.

HIST UST:
Region: STATE
Facility ID: 00000022236
Facility Type: Other
Other Type: ELECTRIC UTILITY
Total Tanks: 0001
Contact Name: F R KNEPPER
Telephone: 8185721801
Owner Name: SOUTHERN CALIFORNIA EDISON CO.
Owner Address: 2244 WALNUT GROVE AVENUE
Owner City,St,Zip: ROSEMEAD, CA 91770

Tank Num: 001
Container Num: 297
Year Installed: 1955
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor

E24
South
1/8-1/4
0.182 mi.
961 ft.

SCE - MESA SUBSTATION
700 POTRERO GRANDE DR
MONTEREY PARK, CA 91755

Site 2 of 5 in cluster E

LUST | **S104537935**
LOS ANGELES CO. HMS | **N/A**

Relative:
Lower

Actual:
346 ft.

LUST:

Region:	STATE
Global Id:	T0601993710
Latitude:	34.037155
Longitude:	-118.112292
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	04/23/2003
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	Not reported
Local Agency:	LOS ANGELES COUNTY
RB Case Number:	R-12371
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel, Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0601993710
Contact Type:	Local Agency Caseworker
Contact Name:	RANI IYER
Organization Name:	LOS ANGELES COUNTY
Address:	900 S. FREMONT AVE.
City:	ALHAMBRA
Email:	Not reported
Phone Number:	Not reported

Status History:

Global Id:	T0601993710
Status:	Completed - Case Closed
Status Date:	04/23/2003
Global Id:	T0601993710
Status:	Open - Verification Monitoring
Status Date:	10/02/2001
Global Id:	T0601993710
Status:	Open - Site Assessment
Status Date:	07/09/1999
Global Id:	T0601993710
Status:	Open - Site Assessment
Status Date:	04/02/2002
Global Id:	T0601993710
Status:	Open - Case Begin Date
Status Date:	07/09/1999

Regulatory Activities:

Global Id:	T0601993710

SCE - MESA SUBSTATION (Continued) **S104537935**

Action Type: ENFORCEMENT
Date: 08/02/2002
Action: Technical Correspondence / Assistance / Other

Global Id: T0601993710
Action Type: ENFORCEMENT
Date: 07/02/2002
Action: Staff Letter

Global Id: T0601993710
Action Type: Other
Date: 08/12/1999
Action: Leak Discovery

Global Id: T0601993710
Action Type: ENFORCEMENT
Date: 04/10/2003
Action: Meeting

Global Id: T0601993710
Action Type: Other
Date: 10/02/2001
Action: Leak Reported

Global Id: T0601993710
Action Type: RESPONSE
Date: 08/01/2002
Action: Soil and Water Investigation Workplan

Global Id: T0601993710
Action Type: ENFORCEMENT
Date: 04/02/2002
Action: Staff Letter

Global Id: T0601993710
Action Type: ENFORCEMENT
Date: 04/23/2003
Action: Closure/No Further Action Letter

Global Id: T0601993710
Action Type: RESPONSE
Date: 01/31/2003
Action: Soil and Water Investigation Report

Global Id: T0601993710
Action Type: ENFORCEMENT
Date: 02/01/2002
Action: Staff Letter

Global Id: T0601993710
Action Type: ENFORCEMENT
Date: 10/25/2002
Action: Staff Letter

LUST REG 4:
Region: 4

SCE - MESA SUBSTATION (Continued) **S104537935**

Regional Board:	04	
County:	Los Angeles	
Facility Id:	R-12371	
Status:	Case Closed	
Substance:	12034, 80066	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0601993710	
W Global ID:	Not reported	
Staff:	HSP	
Local Agency:	19000	
Cross Street:	GREENWOOD AVE	
Enforcement Type:	CLOS	
Date Leak Discovered:	8/12/1999	
Date Leak First Reported:		10/2/2001
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	7/9/1999	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		9/26/2002
Date the Case was Closed:		4/23/2003
How Leak Discovered:	OM	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	Tank	
Operator:	SOUTHERN CALIFORNIA EDISON	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		763.00349683133426666751652099
Source of Cleanup Funding:		Tank
Preliminary Site Assessment Workplan Submitted:		4/2/2002
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		10/2/2001
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		13
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	=	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	SOUTHERN CALIFORNIA EDISON	
RP Address:	P.O. BOX 800, ROSEMEAD, CA 91770	
Program:	LUST	
Lat/Long:	34.035137 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Haz Mat incident report filed	

SCE - MESA SUBSTATION (Continued) **S104537935**

LOS ANGELES CO. HMS:
Region: LA
Facility Id: 009002-012371
Facility Type: T0
Facility Status: Removed
Area: 3M
Permit Number: 00004028T
Permit Status: Removed

E25 **SCE MESA SUBSTATION** **RCRA-LQG** **1012176387**
South **700 E POTRERO GRANDE DR** **CAR000203182**
1/8-1/4 **MONTEREY PARK, CA 91755**
0.182 mi.
961 ft. **Site 3 of 5 in cluster E**

Relative:
Lower

Actual:
346 ft.

RCRA-LQG:
Date form received by agency: 12/07/2010
Facility name: SCE MESA SUBSTATION
Facility address: 700 E POTRERO GRANDE DR
MONTEREY PARK, CA 91755
EPA ID: CAR000203182
Mailing address: PO BOX 800
ATTN SARA DUVALL
ROSEMEAD, CA 91770
Contact: SARA M DUVALL
Contact address: PO BOX 800
ROSEMEAD, CA 91770
Contact country: US
Contact telephone: 626-302-4781
Contact email: SARA.DUVALL@SCE.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: SOUTHERN CALIFORNIA EDISON
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1950
Owner/Op end date: Not reported

Owner/operator name: SOUTHERN CALIFORNIA EDISON

SCE MESA SUBSTATION (Continued) **1012176387**

Owner/operator address: PO BOX 800
ROSEMEAD, CA 91770
Owner/operator country: US
Owner/operator telephone: 626-302-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1950
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 10/09/2009
Site name: MESA SUBSTATION
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: 133
Waste name: 133

Waste code: 151
Waste name: 151

Waste code: 181
Waste name: 181

Waste code: 211
Waste name: 211

Waste code: 213
Waste name: 213

Waste code: 214
Waste name: 214

Waste code: 221
Waste name: 221

Waste code: 223
Waste name: 223

SCE MESA SUBSTATION (Continued) **1012176387**

Waste code: 261
Waste name: 261

Waste code: 272
Waste name: 272

Waste code: 291
Waste name: 291

Waste code: 331
Waste name: 331

Waste code: 343
Waste name: 343

Waste code: 352
Waste name: 352

Waste code: 461
Waste name: 461

Waste code: 512
Waste name: 512

Waste code: 513
Waste name: 513

Waste code: 541
Waste name: 541

Waste code: 551
Waste name: 551

Waste code: 731
Waste name: 731

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D008
Waste name: LEAD

SCE MESA SUBSTATION (Continued) **1012176387**

Waste code: D018
Waste name: BENZENE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: D040
Waste name: TRICHLOROETHYLENE

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

E26 **MESA SUBSTATION** **RCRA-LQG** **1007199641**
South **700 E. POTRERO GRANDE DR.** **CAD981694813**
1/8-1/4 **MONTEREY PARK, CA 91754**
0.193 mi.
1019 ft. **Site 4 of 5 in cluster E**

Relative:
Lower

Actual:
342 ft.

RCRA-LQG:

Date form received by agency:	02/28/2002
Facility name:	MESA SUBSTATION
Facility address:	700 E. POTRERO GRANDE DR. MONTEREY PARK, CA 91754
EPA ID:	CAD981694813
Contact:	STANLEY L MARSH
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(626) 302-9711
Contact email:	STANLEY.MARSH@SCE.COM
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	03/16/1999
Site name:	MESA SUBSTATION
Classification:	Large Quantity Generator

Hazardous Waste Summary:

Waste code:	122
Waste name:	122

MESA SUBSTATION (Continued) **1007199641**

Waste code: 223
Waste name: 223

Waste code: 331
Waste name: 331

Waste code: 352
Waste name: 352

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

MESA SUBSTATION (Continued) **1007199641**

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

E27 **SOUTHERN CALIFORNIA EDISON** **CA FID UST** **S101587190**
South **700 E POTRERO GRANDE DR** **SWEEPS UST** **N/A**
1/8-1/4 **MONTEREY PARK, CA**
0.194 mi.
1025 ft. **Site 5 of 5 in cluster E**

Relative:
Lower

Actual:
342 ft.

CA FID UST:

Facility ID:	19055054
Regulated By:	UTNKA
Regulated ID:	00022236
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	8180000000
Mail To:	Not reported
Mailing Address:	BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	MONTEREY PARK
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Active
Comp Number:	12371
Number:	9
Board Of Equalization:	44-007438
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-000-012371-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	1

F28
SW
1/4-1/2
0.336 mi.
1773 ft.

SHELL OIL COMPANY # 204-5112-0917
430 E POTRERO GRANDE DR
MONTEREY PARK, CA 91754

Site 1 of 2 in cluster F

LUST **S101582644**
CA FID UST **N/A**
SWEEPS UST
LOS ANGELES CO. HMS

Relative:
Lower

Actual:
298 ft.

LUST:

Region:	STATE
Global Id:	T10000000993
Latitude:	34.041335
Longitude:	-118.1045405
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	10/06/2011
Lead Agency:	LOS ANGELES COUNTY
Case Worker:	KBR
Local Agency:	LOS ANGELES COUNTY
RB Case Number:	Not reported
LOC Case Number:	008424-009487
File Location:	Not reported
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T10000000993
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T10000000993
Contact Type:	Local Agency Caseworker
Contact Name:	KATTYA BATRES RINZE
Organization Name:	LOS ANGELES COUNTY
Address:	900 SOUTH FREMONT AVE
City:	ALHAMBRA
Email:	gbatres@dpw.lacounty.gov
Phone Number:	Not reported

Global Id:	T10000000993
Contact Type:	Local Agency Caseworker
Contact Name:	IHEANACHO OFO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	iofo@dpw.lacounty.gov
Phone Number:	6264583512

Status History:

Global Id:	T10000000993
Status:	Completed - Case Closed
Status Date:	10/06/2011

SHELL OIL COMPANY # 204-5112-0917 (Continued) **S101582644**

Global Id: T10000000993
Status: Open - Inactive
Status Date: 04/08/2009

Global Id: T10000000993
Status: Open - Site Assessment
Status Date: 07/15/2009

Global Id: T10000000993
Status: Open - Case Begin Date
Status Date: 07/23/1998

Regulatory Activities:
Global Id: T10000000993
Action Type: Other
Date: 04/08/2009
Action: Leak Reported

Global Id: T10000000993
Action Type: Other
Date: 07/23/1998
Action: Leak Stopped

Global Id: T10000000993
Action Type: ENFORCEMENT
Date: 04/07/2009
Action: Notice to Comply - #C606361

CA FID UST:
Facility ID: 19000909
Regulated By: UTNKA
Regulated ID: 00016846
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8180000000
Mail To: Not reported
Mailing Address: 430 E POTRERO GRANDE
Mailing Address 2: Not reported
Mailing City,St,Zip: MONTEREY PARK
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Active
Comp Number: 9487
Number: 9
Board Of Equalization: 44-000074
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89

SHELL OIL COMPANY # 204-5112-0917 (Continued) **S101582644**

Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009487-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 3

Status: Active
Comp Number: 9487
Number: 9
Board Of Equalization: 44-000074
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009487-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 9487
Number: 9
Board Of Equalization: 44-000074
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-009487-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:
Region: LA
Facility Id: 008424-009487
Facility Type: T0
Facility Status: Permit
Area: 3M
Permit Number: 00000673T
Permit Status: Closed

Region: LA
Facility Id: 008424-058295
Facility Type: Not reported
Facility Status: OPEN

SHELL OIL COMPANY # 204-5112-0917 (Continued) **S101582644**

Area: 3M
Permit Number: Not reported
Permit Status: Not reported

Region: LA
Facility Id: 008424-052452
Facility Type: Not reported
Facility Status: OPEN
Area: 3M
Permit Number: Not reported
Permit Status: Not reported

Region: LA
Facility Id: 008424-055830
Facility Type: T0
Facility Status: Closed
Area: 3M
Permit Number: 000693880
Permit Status: Closed

F29 **SHELL** **HIST CORTESE** **S102436899**
SW **430 POTRERO GRANDE DR** **LUST** **N/A**
1/4-1/2 **MONTEREY PARK, CA 91755**
0.337 mi.
1777 ft. **Site 2 of 2 in cluster F**

Relative:
Lower

Actual:
298 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: I-09487

LUST:
Region: STATE
Global Id: T0603789423
Latitude: 34.03476
Longitude: -118.117538
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 08/09/2005
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: GK
Local Agency: LOS ANGELES COUNTY
RB Case Number: I-09487A
LOC Case Number: 08424-26406
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0603789423
Contact Type: Local Agency Caseworker
Contact Name: SAM STEVENS
Organization Name: LOS ANGELES COUNTY
Address: 900 S. FREMONT AVE.

SHELL (Continued) **S102436899**

City: ALHAMBRA
Email: Not reported
Phone Number: 6264583507

Global Id: T0603789423
Contact Type: Regional Board Caseworker
Contact Name: GREGG KWEY
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 WEST 4TH ST. SUITE 200- 1ST FLOOR
City: R4 UNKNOWN, LOS ANGELES
Email: gkwey@waterboards.ca.gov
Phone Number: 2135766702

Status History:
Global Id: T0603789423
Status: Open - Case Begin Date
Status Date: 08/26/2002

Global Id: T0603789423
Status: Completed - Case Closed
Status Date: 08/09/2005

Global Id: T0603789423
Status: Open - Site Assessment
Status Date: 08/26/2002

Regulatory Activities:
Global Id: T0603789423
Action Type: ENFORCEMENT
Date: 07/14/2005
Action: Staff Letter

Global Id: T0603789423
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603789423
Action Type: RESPONSE
Date: 01/25/2005
Action: Monitoring Report - Quarterly

Global Id: T0603789423
Action Type: Other
Date: 11/11/2002
Action: Leak Discovery

Global Id: T0603789423
Action Type: RESPONSE
Date: 07/28/2005
Action: Electronic Reporting Submittal Due

Global Id: T0603789423
Action Type: ENFORCEMENT
Date: 08/09/2005
Action: Site Visit / Inspection / Sampling

SHELL (Continued) **S102436899**

Global Id: T0603789423
Action Type: ENFORCEMENT
Date: 08/09/2005
Action: Closure/No Further Action Letter

Global Id: T0603789423
Action Type: Other
Date: 11/11/2002
Action: Leak Reported

Global Id: T0603789423
Action Type: ENFORCEMENT
Date: 01/06/2005
Action: Staff Letter

Region: STATE
Global Id: T0603703429
Latitude: 34.034795
Longitude: -118.117538
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 12/01/1989
Lead Agency: LOS ANGELES COUNTY
Case Worker: JOA
Local Agency: LOS ANGELES COUNTY
RB Case Number: I-09487
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0603703429
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603703429
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Status History:
Global Id: T0603703429
Status: Open - Case Begin Date

SHELL (Continued) **S102436899**

Status Date: 11/15/1985

Global Id: T0603703429
Status: Completed - Case Closed
Status Date: 12/01/1989

Regulatory Activities:
Global Id: T0603703429
Action Type: Other
Date: 11/15/1985
Action: Leak Reported

Global Id: T0603703429
Action Type: Other
Date: 11/15/1985
Action: Leak Discovery

Global Id: T0603703429
Action Type: Other
Date: 11/15/1985
Action: Leak Stopped

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-09487
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603703429
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: GEMINI
Enforcement Type: Not reported
Date Leak Discovered: 11/15/1985
Date Leak First Reported: 11/15/1985
Date Leak Record Entered: 12/31/1986
Date Confirmation Began: Not reported
Date Leak Stopped: 11/15/1985
Date Case Last Changed on Database: 3/19/1990
Date the Case was Closed: 12/1/1989
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: LINDSEY, DEE
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 778.13412921868954791994144346
Source of Cleanup Funding: UNK

SHELL (Continued) **S102436899**

Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	SHELL OIL COMPANY
RP Address:	511 N BROOKHURST, ANAHEIM, CA 92803
Program:	LUST
Lat/Long:	34.0353846 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

G30 **OPERATING INDUSTRIES, INC.** **SWF/LF** **S100460541**
ESE **900 POTRERO GRANDE DRIVE** **Cortese** **N/A**
1/2-1 **MONTEREY PARK, CA 91754** **HIST CORTESE**
0.596 mi. **LDS**
3145 ft. **Site 1 of 3 in cluster G** **ENF**
ENVIROSTOR
Relative: **HWP**
Higher

Actual: SWF/LF (SWIS):
524 ft.

Region:	STATE
Facility ID:	19-AA-0836
Lat/Long:	34.055 / -118.1075
Owner Name:	Operating Industries, Inc
Owner Telephone:	8182803130
Owner Address:	Not reported
Owner Address2:	1749 Potrero Grande Drive
Owner City,St,Zip:	Monterey Park, CA 91754
Operational Status:	Closed
Operator:	Operating Industries, Inc
Operator Phone:	8182803130
Operator Address:	Not reported
Operator Address2:	1749 Potrero Grande Drive
Operator City,St,Zip:	Monterey Park, CA 91754
Permit Date:	Not reported
Permit Status:	Not reported
Permitted Acreage:	0
Activity:	Solid Waste Disposal Site
Regulation Status:	Unpermitted
Landuse Name:	Not reported
GIS Source:	Map
Category:	Disposal

OPERATING INDUSTRIES, INC. (Continued) **S100460541**

Unit Number: 01
Inspection Frequency: None
Accepted Waste: Not reported
Closure Date: 10/01/1984
Closure Type: Actual
Disposal Acreage: 0
SWIS Num: 19-AA-0836
Waste Discharge Requirement Num: Not reported
Program Type: Not reported
Permitted Throughput with Units: Not reported
Actual Throughput with Units: Not reported
Permitted Capacity with Units: Not reported
Remaining Capacity: Not reported
Remaining Capacity with Units: Not reported

LOS ANGELES CO. LF:
Site ID: 1993
Alt. Address: Not reported
Site Contact: Not reported
Site Contact Phone: Not reported
Site Email: Not reported
Site Website: Not reported
Site Type: Designated Waste Landfill
Site SWIS Number: 19-AA-0836
Beginning Operation Date: 1948
Disposal Area(Acre): Oct-84
Local Enforcement Agency: County Public Health
Maximun Depth Fill(Ft): 325
Permitted Capacity: Not reported
Present Use: Vacant
Remaining Capacity(Million): Not reported
Status: Closed
Waste Accepted: Inert;
Hours of Operation: Not reported
Area: 190

Detail As Of 01/2014:
Operator Name: Unknown
Operator Address: Not reported
Operator City/State/Zip: Not reported
Operator Contact: Not reported
Operator Telephone: Not reported
Operator Email: Not reported
Owner Name: Operating Industries, INC.
Owner Address: 1749 Potrero Grande Drive
Owner City/State/Zip: Monterey Park, CA 91754
Owner Contact: Not reported
Owner Telephone: (818) 280-3130
Owner Email: Not reported

CORTESE:
Region: CORTESE
Envirostor Id: 19490207
Site/Facility Type: FEDERAL SUPERFUND - LISTED
Cleanup Status: CERTIFIED / OPERATION & MAINTENANCE
Status Date: 08/02/2012
Site Code: 300110

OPERATING INDUSTRIES, INC. (Continued) **S100460541**

Latitude:	34.036497
Longitude:	-118.10401
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	envirostor
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	CALSI
Reg Id:	19490207

LDS:

Global Id:	L10006918184
Latitude:	34.03574
Longitude:	-118.1096
Case Type:	Land Disposal Site
Status:	Completed - Case Closed
Status Date:	08/03/2011
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Caseworker:	WY
Local Agency:	Not reported
RB Case Number:	4B190332001
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Not reported
EDR Link ID:	L10006918184
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Global Id:	T10000005527
Latitude:	34.04475
Longitude:	-118.1001
Case Type:	Land Disposal Site
Status:	Open - Inactive
Status Date:	12/30/2013
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Caseworker:	WY
Local Agency:	Not reported
RB Case Number:	50-029
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Not reported

OPERATING INDUSTRIES, INC. (Continued) **S100460541**

EDR Link ID: T10000005527
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

ENF:

Region:	4
Facility Id:	245842
Agency Name:	Not reported
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.038187000000
Place Longitude:	-118.11129
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	LNDISP
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported

OPERATING INDUSTRIES, INC. (Continued) **S100460541**

Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	219871
Region:	4
Order / Resolution Number:	R4-1992-0053
Enforcement Action Type:	Admin Civil Liability
Effective Date:	10/19/1992
Adoption/Issuance Date:	Not reported
Achieve Date:	1992-11-19
Termination Date:	12/01/2003
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	ACL 92-053 - 4B190332001
Description:	NON-PAYMENT OF ANNUAL FEE.
Program:	LNDISP
Latest Milestone Completion Date:	2003-12-01
# Of Programs1:	1
Total Assessment Amount:	16375
Initial Assessed Amount:	0
Liability $ Amount:	16375
Project $ Amount:	0
Liability $ Paid:	16375
Project $ Completed:	0
Total $ Paid/Completed Amount:	16375

ENVIROSTOR:

Facility ID:	19490207
Status:	Certified / Operation & Maintenance
Status Date:	08/02/2012
Site Code:	300110
Site Type:	Federal Superfund
Site Type Detailed:	State Response or NPL
Acres:	190
NPL:	YES
Regulatory Agencies:	SMBRP, US EPA
Lead Agency:	US EPA
Program Manager:	Tedd Yargeau
Supervisor:	Javier Hinojosa
Division Branch:	Cleanup Chatsworth
Assembly:	49
Senate:	24
Special Program:	EPA - Multi-Site Cooperative Agreement
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED

OPERATING INDUSTRIES, INC. (Continued) **S100460541**

Funding: Responsible Party
Latitude: 34.03649
Longitude: -118.1040
APN: 5293022006
Past Use: LANDFILL - CONSTRUCTION, LANDFILL - DOMESTIC, LANDFILL - HAZARDOUS WASTE
Potential COC: Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride
Confirmed COC: Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride
Potential Description: OTH, SOIL, SV, IA
Alias Name: OPERATING INDUSTRIES, INC.
Alias Type: Alternate Name
Alias Name: 5293022006
Alias Type: APN
Alias Name: CAT080012024
Alias Type: EPA Identification Number
Alias Name: 110033606355
Alias Type: EPA (FRS #)
Alias Name: P31028
Alias Type: PCode
Alias Name: 300110
Alias Type: Project Code (Site Code)
Alias Name: 19490207
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 04/21/2000
Comments: Final cover for the entire South Parcel is completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 03/09/1998
Comments: This design plan approves the capping of the landfill with an additional four feet of monocover using the existing cap as a two foot foundation layer. The cap design also includes the establishment of native vegetation for monocover performance as well as aesthetics.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 07/23/1997
Comments: 30% Design - Final Cover -- The final cap will consist of a four foot thick monocover with a native vegetative cover. The existing cap will act as a foundation for the monocover.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/30/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

OPERATING INDUSTRIES, INC. (Continued) **S100460541**

Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 09/28/2000
Comments: Landfill Gas Treatment system began operations replacing the flares.
The LFGTS is capable of 99.99% Destruction & Removal Efficiency (DRE).
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 09/24/1999
Comments: Approval of the Final Design for the Landfill Gas Treatment System (LFGTS).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/30/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/28/1990
Comments: The amended Gas Migration Control ROD at the site addresses the landfill gas (LFG) migration control and landfill cover. The major component of this amendment is the addition of landfill cover to the previously selected gas migration control remedy. The major components of the Gas Migration Control ROD include: 1) landfill cover designed to reduce surface gas emissions and odors, prevent oxygen intrusion into the refuse, prevent surface water infiltration, provide erosion control, and improve site aesthetics; perimeter LFG extraction wells with placement focused on minimizing off site LFG migration; LFG extraction wells on the top deck of the landfill with placement focused on maximizing source control of LFG; shallow and deep slope wells with placement focused on reducing surface emissions and controlling intermediate to deep subsurface migration at the perimeter; integrated above-grade LFG headers and condensate sumps; LFG monitoring wells at the site boundary; upgraded thermal destruction facility for landfill gas; and pumps in appropriate gas wells with above-grade collection sumps to dewater saturated zones. The amended gas control remedial action will be integrated with the two additional operable units, Site Control and Monitoring, and Leachate Management, now being implemented.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 11/28/2005
Comments: OII North Parcel 30% Remedial Design completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 11/30/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE

OPERATING INDUSTRIES, INC. (Continued) **S100460541**

Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 05/08/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 07/10/1997
Comments: The sixth partial Consent Decree requires GSF Energy (Air Products) to pay cleanup costs. DTSC can request reimbursement of unpaid past costs and future response costs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 11/18/1994
Comments: The leachate treatment plant (included as Leachate Manage ment Operable Unit) is built on the north parcel of the site and consists of influent storage and equalization, biological reactors, chemical precipitation, sand filtration carbon absorption, effluent storage and discharge, foul air system, storm water holding system and sludge disposal system. The plant started operation on September 13, 1994 and the first discharge into the sewer system occurred on November 9, 1994.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 02/02/1996
Comments: The Fifth Partial Consent Degree (CD5) is negotiatied by EPA and the State with a group of potentially responsible parties (PRPs), composed of prior nonsettlers and recently noticed major parties.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2030
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2030
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Facility ID: 80001837
Status: Refer: SMBRP
Status Date: 06/19/2013
Site Code: Not reported
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0
NPL: NO
Regulatory Agencies: SMBRP

OPERATING INDUSTRIES, INC. (Continued) **S100460541**

Lead Agency: MBR
Program Manager: Not reported
Supervisor: * Unknown
Division Branch: Cleanup Chatsworth
Assembly: 49
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.03247
Longitude: -118.1039
APN: 5293022006
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 5293022006
Alias Type: APN
Alias Name: CAT080012024
Alias Type: EPA Identification Number
Alias Name: 19490207
Alias Type: Envirostor ID Number
Alias Name: 80001837
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 04/01/1984
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 04/01/1984
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HWP:
EPA Id: CAT080012024
Cleanup Status: UNDERGOING CLOSURE
Latitude: 34.03630
Longitude: -118.1151
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported

OPERATING INDUSTRIES, INC. (Continued) **S100460541**

Supervisor: Not reported
Site Code: Not reported
Assembly District: 49
Senate District: 22
Public Information Officer: Not reported

Activities:
EPA Id: CAT080012024
Facility Type: Historical - Non-Operating
Unit Names: LANDFIL1
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/19/1980

EPA Id: CAT080012024
Facility Type: Historical - Non-Operating
Unit Names: LANDFIL1
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 01/28/1983

EPA Id: CAT080012024
Facility Type: Historical - Non-Operating
Unit Names: LANDFIL1
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Actual Date: 05/20/1986

EPA Id: CAT080012024
Facility Type: Historical - Non-Operating
Unit Names: LANDFIL1
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Actual Date: 06/30/1983

Closure:
EPA Id: CAT080012024
Facility Type: Historical - Non-Operating
Unit Names: LANDFIL1
Event Description: Closure - CLOSURE PLAN RECEIVED
Actual Date: 06/30/1983

Alias:
EPA Id: CAT080012024
Facility Type: Historical - Non-Operating
Alias Type: Envirostor ID Number
Alias: 19490207

G31 **OPERATING INDUSTRIES LANDFILL** **HIST Cal-Sites** **S106023105**
ESE **900 POTRERO GRANDE DR** **HIST UST** **N/A**
1/2-1 **MONTEREY PARK, CA 91754**
0.596 mi.
3145 ft. **Site 2 of 3 in cluster G**

Relative:
Higher

Actual:
524 ft.

Calsite:
Region: GLENDALE
Facility ID: 19490207
Facility Type: NPRP
Type: NPL SITE, RP-FUNDED
Branch: SA

OPERATING INDUSTRIES LANDFILL (Continued) **S106023105**

Branch Name:	SO CAL - GLENDALE
File Name:	Not reported
State Senate District:	04191996
Status:	ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name:	ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency:	ENVIRONMENTAL PROTECTION AGENCY
NPL:	Listed
SIC Code:	49
SIC Name:	ELECTRIC, GAS & SANITARY SERVICES
Access:	Not reported
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Confirmed
Staff Member Responsible for Site:	TYARGEAU
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	LA
Region Water Control Board Name:	LOS ANGELES
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	49
State Senate District Code:	24
Facility ID:	19490207
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11301994
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	WORK ON SITE DIVIDED INTO THREE OPERABLE UNITS.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	COST
Activity Name:	COST RECOVERY
AWP Code:	CD5
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02021996
Est Person-Yrs to complete:	0

OPERATING INDUSTRIES LANDFILL (Continued) **S106023105**

Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	DES
Activity Name:	DESIGN
AWP Code:	LFG
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09241999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	LFG
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09282000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported

OPERATING INDUSTRIES LANDFILL (Continued) **S106023105**

Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	07312005
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	X
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	06302029
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	X
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION

OPERATING INDUSTRIES LANDFILL (Continued) **S106023105**

AWP Code:	ROD
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09301996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	DES
Activity Name:	DESIGN
AWP Code:	CV30
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07231997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	DES
Activity Name:	DESIGN
AWP Code:	CV
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03091998
Est Person-Yrs to complete:	0
Estimated Size:	X
Request to Delete Activity:	Not reported
Activity Status:	AWP

OPERATING INDUSTRIES LANDFILL (Continued) **S106023105**

Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	COVS
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04212000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	CD-6
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07101997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0

OPERATING INDUSTRIES LANDFILL (Continued) **S106023105**

For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	CD-8
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	05082002
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	GAS
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09281990
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19490207
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	IV
Proposed Budget:	0
AWP Completion Date:	Not reported

OPERATING INDUSTRIES LANDFILL (Continued) **S106023105**

Revised Due Date:	Not reported
Comments Date:	11181994
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	900 N POTRERO GRANDE DR
Alternate City,St,Zip:	MONTEREY PARK, CA 91754
Alternate Address:	900 POTRERO GRANDE DR
Alternate City,St,Zip:	MONTEREY PARK, CA 91755
Background Info:	Operating Industries, Inc. (OII) is an inactive Class II landfill surrounded by residential areas on the south and west borders. From 1948 to 1952, the OII site was operated as a municipal landfill by the City of Monterey Park. In January 1952, the site became a privately owned landfill under the ownership of OII. The site was permitted by the RWQCB in 1976, to receive various nonhazardous and hazardous liquid wastes, including lead compounds, chrome oxide, pigment sludge, refinery wastes, waste water from paint manufacturing, and caustic cleaning waste. It was not until 1984 that OII stopped accepting waste. The pathways of contamination are through inhalation of land fill gases and direct contact of leachate entering the ground water. Possible receptors are the residents near the facility and the potential impact of the contaminated groundwater on drinking water supplies. The Department took over the site when the owner and operator failed to continue with the site closure activities. In May 1986, the landfill was listed on the NPL and EPA became the lead agency. EPA initiated a remedial investigation to define the extent of environmental problems. A hydrogeologic investigation to study the groundwater was performed in September of 1989. In May of 1989, a Partial Consent Decree was entered in the Federal Court between EPA and over 100 PRPs. The PRPs agreed to undertake the site control and monitoring, and construct a leachate treatment system, as well as conducting several site improvements. Site work pursuant to the Consent Decree began in November 1989, when daily operation, including operation and maintenance/monitoring of the existing gas and leachate control system, and erosion and drainage control were assumed by the settling PRPs'.
Comments Date:	09171991
Comments:	funds to the first Partial Consent Decree is signed.
Comments Date:	01011984
Comments:	This is the date the site was first listed pursuant to

OPERATING INDUSTRIES LANDFILL (Continued) **S106023105**

Comments Date:	01011984
Comments:	section 25356.
Comments Date:	01012003
Comments:	Second 90-day Compliance Testing period begins.
Comments Date:	01132005
Comments:	DTSC received $181,012.27 from the Operating Industries Inc.
Comments Date:	01132005
Comments:	Closure Trust Account. This money will be used to cover future
Comments Date:	01132005
Comments:	response costs for DTSC at the OII site.
Comments Date:	02021996
Comments:	The Fifth Partial Consent Degree (CD5) is negotiatied by
Comments Date:	02021996
Comments:	EPA and the State with a group of potentially responsible
Comments Date:	02021996
Comments:	parties (PRPs), composed of prior nonsettlers and recently
Comments Date:	02021996
Comments:	noticed major parties.
Comments Date:	02061995
Comments:	Third Consent Decree Final Workplan(with sampling and
Comments Date:	02061995
Comments:	analysis plan) and the Revised QA/QC Plan.
Comments Date:	02202002
Comments:	USEPA approves workplan outline as part of the early action
Comments Date:	02202002
Comments:	activity per Eighth Partial Consent Decree.
Comments Date:	03091998
Comments:	This design plan approves the capping of the landfill
Comments Date:	03091998
Comments:	with an additional four feet of monocover using the existing cap
Comments Date:	03091998
Comments:	as a two foot foundation layer. The cap design also includes the
Comments Date:	03091998
Comments:	establishment of native vegetation for monocover performance as
Comments Date:	03091998
Comments:	well as aesthetics.
Comments Date:	03272003
Comments:	Second 90-day Compliance Testing period completed.
Comments Date:	03292001
Comments:	DTSC receives Trial Burn Report which contains the results from
Comments Date:	03292001
Comments:	the performance test for the LFGTS conducted in September 2000.
Comments Date:	03292001
Comments:	Results indicate that the LFGTS achieved the 99.99% DRE.
Comments Date:	03301992
Comments:	The Department enters into the third Partial Consent Decree
Comments Date:	03301992
Comments:	which covers Gas Control, Landfill Cover and Surface Water
Comments Date:	03301992
Comments:	Management.
Comments Date:	03301996
Comments:	FS prepared by US EPA.
Comments Date:	04162003
Comments:	Compliance Testing Report approved by USEPA.
Comments Date:	04212000
Comments:	Final cover for the entire South Parcel is completed.
Comments Date:	05111989

OPERATING INDUSTRIES LANDFILL (Continued) **S106023105**

Comments:	The first Partial Consent Decree which addresses the Site Control
Comments Date:	05111989
Comments:	and Monitoring and Leachate Management Systems is signed.
Comments Date:	05282002
Comments:	Eighth Partial Consent Decree for OII entered by the United
Comments Date:	05282002
Comments:	States District Court.
Comments Date:	06281995
Comments:	5 Year review prepared by US EPA.
Comments Date:	07101997
Comments:	The sixth partial Consent Decree requires GSF Energy (Air
Comments Date:	07101997
Comments:	Products) to pay cleanup costs. DTSC can request reimbursement
Comments Date:	07101997
Comments:	of unpaid past costs and future response costs.
Comments Date:	07171995
Comments:	Predesign Workplan.
Comments Date:	07231997
Comments:	30% Design - Final Cover -- The final cap will consist of a
Comments Date:	07231997
Comments:	four foot thick monocover with a native vegetative cover. The
Comments Date:	07231997
Comments:	existing cap will act as a foundation for the monocover.
Comments Date:	07251991
Comments:	Inactive Class II Landfill. Contaminants include Pb
Comments Date:	07251991
Comments:	compounds, chrome oxide, pigment sludge, refinery slop oil,
Comments Date:	07251991
Comments:	emulsion solids, leaded tank bottom, wastewater from paint
Comments Date:	07251991
Comments:	manufacturing, and caustic cleaning wastes.
Comments Date:	08191995
Comments:	Predesign Report outline.
Comments Date:	08251995
Comments:	Former TSD facility.
Comments Date:	08282000
Comments:	Performance Test Plan for the LFGTS approved.
Comments Date:	08301991
Comments:	A second Calstar Code was added #300284 for the Gas Migration
Comments Date:	08301991
Comments:	Control activities. Oversight of these activities are
Comments Date:	08301991
Comments:	the responsibility of a different group of RPs.
Comments Date:	09171991
Comments:	The second Partial Consent Decree which added parties and
Comments Date:	09241999
Comments:	Approval of the Final Design for the Landfill Gas Treatment
Comments Date:	09241999
Comments:	System (LFGTS).
Comments Date:	09242000
Comments:	LFGTS test completed this past week. Preliminary results
Comments Date:	09242000
Comments:	indicate that the LFGTS will achieve the 99.99% Destruction and
Comments Date:	09242000
Comments:	Removal Efficiency (DRE).
Comments Date:	09281990
Comments:	The amended Gas Migration Control ROD at the site addresses

OPERATING INDUSTRIES LANDFILL (Continued) **S106023105**

Comments Date:	09281990
Comments:	the landfill gas (LFG) migration control and landfill cover.
Comments Date:	09281990
Comments:	The major component of this amendment is the addition of
Comments Date:	09281990
Comments:	landfill cover to the previously selected gas migration
Comments Date:	09281990
Comments:	control remedy.
Comments Date:	09281990
Comments:	Not reported
Comments Date:	09281990
Comments:	The major components of the Gas Migration Control ROD
Comments Date:	09281990
Comments:	include: 1) landfill cover designed to reduce surface gas
Comments Date:	09281990
Comments:	emissions and odors, prevent oxygen intrusion into the
Comments Date:	09281990
Comments:	refuse, prevent surface water infiltration, provide erosion
Comments Date:	09281990
Comments:	control, and improve site aesthetics; perimeter LFG
Comments Date:	09281990
Comments:	extraction wells with placement focused on minimizing off
Comments Date:	09281990
Comments:	site LFG migration; LFG extraction wells on the top deck of
Comments Date:	09281990
Comments:	the landfill with placement focused on maximizing source
Comments Date:	09281990
Comments:	control of LFG; shallow and deep slope wells with placement
Comments Date:	09281990
Comments:	focused on reducing surface emissions and controlling
Comments Date:	09281990
Comments:	intermediate to deep subsurface migration at the perimeter;
Comments Date:	09281990
Comments:	integrated above-grade LFG headers and condensate sumps;
Comments Date:	09281990
Comments:	LFG monitoring wells at the site boundary; upgraded
Comments Date:	09281990
Comments:	thermal destruction facility for landfill gas; and pumps
Comments Date:	09281990
Comments:	in appropriate gas wells with above-grade collection
Comments Date:	09281990
Comments:	sumps to dewater saturated zones.
Comments Date:	09281990
Comments:	Not reported
Comments Date:	09281990
Comments:	The amended gas control remedial action will be
Comments Date:	09281990
Comments:	integrated with the two additional operable units, Site
Comments Date:	09281990
Comments:	Control and Monitoring, and Leachate Management, now
Comments Date:	09281990
Comments:	being implemented.
Comments Date:	09282000
Comments:	Landfill Gas Treatment system began operations replacing the
Comments Date:	09282000
Comments:	flares. The LFGTS is capable of 99.99% Destruction & Removal
Comments Date:	09282000

OPERATING INDUSTRIES LANDFILL (Continued) **S106023105**

Comments:	Efficiency (DRE).
Comments Date:	10012002
Comments:	First of two consecutive 90-day Compliance Testing periods for
Comments Date:	10012002
Comments:	the former landfill begins.
Comments Date:	10162000
Comments:	Final Remedial Action Inspection conducted for the South
Comments Date:	10162000
Comments:	Parcel. The inspection is conducted jointly between US EPA,
Comments Date:	10162000
Comments:	DTSC and Army Corps of Engineers.
Comments Date:	10191995
Comments:	30% Design for Southwest Early Action Plan (SWEAP).
Comments Date:	10242000
Comments:	DTSC sends letter to US EPA recommending they accept the project
Comments Date:	10242000
Comments:	as complete. EPA concurs with DTSC.
Comments Date:	10251994
Comments:	RI prepared by US EPA.
Comments Date:	10271995
Comments:	Seismic Predesign Prefinal Workplan.
Comments Date:	11181994
Comments:	The U.S. EPA and the Department of Toxic Substances Control
Comments Date:	11181994
Comments:	enters into the Fourth Partial Consent Decree in an effort
Comments Date:	11181994
Comments:	to expedite the cleanup of the Site and avoid prolonged
Comments Date:	11181994
Comments:	and complicated litigation between the "parties".
Comments Date:	11211996
Comments:	The selected Remedial Alternative includes: Perimeter
Comments Date:	11211996
Comments:	liquids control, onsite treatment of collected liquids, natural
Comments Date:	11211996
Comments:	attenuation of offsite groundwater which includes monitoring
Comments Date:	11211996
Comments:	and evaluation, and continued operation and maintenance of
Comments Date:	11211996
Comments:	provisions in the three previous ROD’s (site control and
Comments Date:	11211996
Comments:	monitoring, leachate management, gas migration control and
Comments Date:	11211996
Comments:	landfill cover).
Comments Date:	11301994
Comments:	The leachate treatment plant (included as Leachate Manage
Comments Date:	11301994
Comments:	ment Operable Unit) is built on the north parcel of
Comments Date:	11301994
Comments:	the site and consists of influent storage and equalization,
Comments Date:	11301994
Comments:	biological reactors, chemical precipitation, sand filtration
Comments Date:	11301994
Comments:	carbon absorption, effluent storage and discharge, foul air
Comments Date:	11301994
Comments:	system, storm water holding system and sludge disposal
Comments Date:	11301994
Comments:	system. The plant started operation on September 13, 1994

OPERATING INDUSTRIES LANDFILL (Continued) **S106023105**

Comments Date: 11301994
Comments: and the first discharge into the sewer system occurred on
Comments Date: 11301994
Comments: November 9, 1994.
Comments Date: 12091999
Comments: Top deck cover for the South Parcel is 75% complete. Cover over
Comments Date: 12091999
Comments: remaining South Parcel is completed.
Comments Date: 12191999
Comments: Construction completed on Landfill Gas Treatment System (LFGTS),
Comments Date: 12191999
Comments: currently undergoing performance testing before being
Comments Date: 12191999
Comments: brought on-line and replacing the existing flare station.
ID Name: CALSTARS CODE
ID Value: 300110
ID Name: EPA IDENTIFICATION NUMBER
ID Value: CAT080012024
ID Name: BEP DATABASE PCODE
ID Value: P31028
Alternate Name: OPERATING INDUSTRIES, INC.OPERATING INDUSTRIES, INC. LANDFILL
Special Programs Code: MSCA
Special Programs Name: MULTI-SITE COOPERATIVE AGREEMENT

HIST UST:
Region: STATE
Facility ID: 00000029520
Facility Type: Other
Other Type: LANDFILL
Total Tanks: 0006
Contact Name: CLAUDE WENDT
Telephone: 2137281765
Owner Name: OPERATING INDUSTRIES
Owner Address: 2425 SOUTH GARFIELD AVENUE
Owner City,St,Zip: MONTEREY PARK, CA 91754

Tank Num: 001
Container Num: GST. #1
Year Installed: 1978
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: DST. #1
Year Installed: 1978
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: LCS #1
Year Installed: 1980

OPERATING INDUSTRIES LANDFILL (Continued) **S106023105**

Tank Capacity: 00008000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 1/4 inches
Leak Detection: Visual

Tank Num: 004
Container Num: LCS. #2
Year Installed: 1980
Tank Capacity: 00010000
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 1/4 inches
Leak Detection: Visual

Tank Num: 005
Container Num: LCS. #3
Year Installed: 1980
Tank Capacity: 00003500
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 1/4 inches
Leak Detection: Visual

Tank Num: 006
Container Num: LCS. #4
Year Installed: 1980
Tank Capacity: 00003500
Tank Used for: WASTE
Type of Fuel: Not reported
Tank Construction: 1/4 inches
Leak Detection: Visual

G32 **OPERATING INDUSTRIES, INC.** **CA BOND EXP. PLAN** **S100833436**
ESE **900 POTRERO GRANDE DRIVE** **WMUDS/SWAT** **N/A**
1/2-1 **MONTEREY PARK, CA 91754**
0.596 mi.
3145 ft. **Site 3 of 3 in cluster G**

Relative:
Higher

Actual:
524 ft.

CA BOND EXP. PLAN:
Reponsible Party: NPL SITE CLEANUP WORKPLAN
Project Revenue Source Company: Not reported
Project Revenue Source Addr: Not reported
Project Revenue Source City,St,Zip: Not reported
Project Revenue Source Desc: EPA, with State participation, is negotiating with the PRP's for PRP financing of the site RI/FS. For purposes of this document, DHS is assuming that final remediation activities will be jointly funded by EPA and DHS.
Site Description: The site is an inactive Class II landfill bounded by Highway 60 on the north and residential areas of the City of Montebello on the south and west.
Hazardous Waste Desc: The site was permitted by the RWQCB in 1976 to receive liquid wastes. Wastes include lead compounds, chrome oxide, pigment sludge, refinery slop oil, emulsion solids, leaded tank bottoms, waste water from paint manufacturing, and caustic cleaning waste.
Threat To Public Health & Env: Landfill gases including vinyl chloride and methane continue to migrate offsite and has been detected in residential water meter boxes and offsite probes and inside one home adjacent to the site. Leachate containing hazardous substances has been detected in monitoring wells in the center of the landfill. An unknown quantity of leachate has accumulated and poses a threat since it may migrate

OPERATING INDUSTRIES, INC. (Continued) **S100833436**

and thus threatens surface and ground water.

Site Activity Status: An interagency committee consisting of 15 federal, State and local agencies is coordinating efforts to properly mitigate and close this site. The State agencies have filed suit to order Operating Industries, Inc., to undertake specific characterization and remedial actions. A preliminary injunction has been issued. Operating Industries, Inc., failed to provide proper financial assurances for closure and post-closure, claiming that funds are not available. Transportation offsite of leachate collected by the perimeter drain system was paid for by Operating Industries, Inc., until October, 1985. This task has since been paid for by EPA and DHS with emergency funds, at a cost of approximately $50,000 per month. EPA is conducting an RI/FS with review and oversight by DHS and other State agencies. In addition, the EPA ROD for an operable unit to control gas migration from the landfill was signed in September, 1988.

WMUDS/SWAT:

Edit Date:	19950126
Complexity:	Category A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility (particularly those with toxicwastes) with numerous discharge points, leak detection systems or ground water monitoring wells.
Primary Waste:	SLDWST
Primary Waste Type:	Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	SB
NPID:	Not reported
Tonnage:	2900
Regional Board ID:	57-165
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Private
Agency Name:	OPERATING INDUSTRIES, INC.
Agency Department:	Not reported
Agency Address:	1749 POTRERO GRANDE DR. STE. E
Agency City,St,Zip:	MONTEREY PARK CA 91754
Agency Contact:	Not reported
Agency Telephone:	2137215996
Land Owner Name:	OPERATING INDUSTRIES, INC.
Land Owner Address:	2425 S. GARFIELD AVE
Land Owner City,St,Zip:	MONTEREY PARK, CA 91754
Land Owner Contact:	Not reported
Land Owner Phone:	2137215996
Region:	4
Facility Type:	Solid Waste Site-Class III - Landfills for non hazardous solid wastes.
Facility Description:	Not reported
Facility Telephone:	2137215996
SWAT Facility Name:	OPERATING INDUSTRIES INC.
Primary SIC:	4953
Secondary SIC:	Not reported
Comments:	Not reported

OPERATING INDUSTRIES, INC. (Continued) **S100833436**

Last Facility Editors: JHMJHMJHM
Waste Discharge System: True
Solid Waste Assessment Test Program: True
Toxic Pits Cleanup Act Program: False
Resource Conservation Recovery Act: False
Department of Defence: False
Solid Waste Assessment Test Program: OPERATING INDUSTRIES INCORPORATED
Threat to Water Quality: Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.
Sub Chapter 15: True
Regional Board Project Officer: Not reported
Number of WMUDS at Facility: 1
Section Range: 02S12W
RCRA Facility: No
Waste Discharge Requirements: H
Self-Monitoring Rept. Frequency: Monthly Submittal
Waste Discharge System ID: 4B190332001
Solid Waste Information ID: 19-AM-0001

Count: 1 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MONTEREY PARK	S111076016	MONTEREY PARK CITY DUMP	SOUTH ORANGE DRIVE AND COUNTY		SWF/LF

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 10/08/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 10/08/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 10/08/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 10/08/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 10/08/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 10/08/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 08/28/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/21/2014
Date Data Arrived at EDR: 10/07/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/07/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 08/28/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 09/18/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 09/18/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/29/2014
Date Data Arrived at EDR: 10/09/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 11

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/17/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 09/30/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 37

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/30/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 08/05/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 09/26/2014
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/04/2014
Next Scheduled EDR Contact: 02/16/2015
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 08/05/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 09/26/2014
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/04/2014
Next Scheduled EDR Contact: 02/16/2015
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/18/2014
Date Data Arrived at EDR: 08/18/2014
Date Made Active in Reports: 10/03/2014
Number of Days to Update: 46

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 09/15/2014
Date Data Arrived at EDR: 09/17/2014
Date Made Active in Reports: 10/27/2014
Number of Days to Update: 40

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 10/30/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Quarterly

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/15/2014
Date Data Arrived at EDR: 09/17/2014
Date Made Active in Reports: 10/23/2014
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 10/30/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 11/05/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 12

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/31/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/20/2014
Date Data Arrived at EDR: 06/10/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 73

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 07/30/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/06/2014
Date Data Arrived at EDR: 10/29/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 19

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 05/22/2014
Date Data Arrived at EDR: 08/22/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 27

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/04/2014
Date Data Arrived at EDR: 11/07/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 10
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/17/2014
Date Data Arrived at EDR: 09/17/2014
Date Made Active in Reports: 10/24/2014
Number of Days to Update: 37
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/19/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21
Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 10/03/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271
Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/31/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 07/30/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 10
Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 11/05/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 12

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 08/20/2014
Date Data Arrived at EDR: 08/22/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 27

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 11/04/2014
Date Data Arrived at EDR: 11/07/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 10

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/14/2014
Date Data Arrived at EDR: 08/15/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 7

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/20/2014
Date Data Arrived at EDR: 06/10/2014
Date Made Active in Reports: 08/15/2014
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/06/2014
Date Data Arrived at EDR: 10/29/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 8

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Semi-Annually

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/10/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 08/05/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 09/26/2014
Number of Days to Update: 51
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/04/2014
Next Scheduled EDR Contact: 02/16/2015
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/22/2014
Date Data Arrived at EDR: 09/23/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 27
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39
Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137
Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/24/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 09/16/2014
Date Data Arrived at EDR: 09/17/2014
Date Made Active in Reports: 10/23/2014
Number of Days to Update: 36
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/17/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 09/08/2014
Date Data Arrived at EDR: 09/09/2014
Date Made Active in Reports: 10/22/2014
Number of Days to Update: 43
Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/12/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/29/2014
Next Scheduled EDR Contact: 02/16/2015
Data Release Frequency: Varies

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30
Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 11/05/2014
Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/25/2014
Date Data Arrived at EDR: 09/09/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 41
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/03/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 08/05/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 09/26/2014
Number of Days to Update: 51
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/04/2014
Next Scheduled EDR Contact: 02/16/2015
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27
Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2014
Date Data Arrived at EDR: 09/02/2014
Date Made Active in Reports: 09/24/2014
Number of Days to Update: 22
Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 10/10/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/25/2014
Date Data Arrived at EDR: 09/09/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 41

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/03/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/28/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/19/2014
Date Data Arrived at EDR: 08/20/2014
Date Made Active in Reports: 10/06/2014
Number of Days to Update: 47

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 09/08/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/22/2014
Number of Days to Update: 42

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 09/10/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 06/26/2014
Date Data Arrived at EDR: 07/28/2014
Date Made Active in Reports: 09/15/2014
Number of Days to Update: 49

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/29/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 09/15/2014
Date Data Arrived at EDR: 09/17/2014
Date Made Active in Reports: 10/22/2014
Number of Days to Update: 35

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 10/30/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 09/15/2014
Date Data Arrived at EDR: 09/17/2014
Date Made Active in Reports: 10/23/2014
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 10/30/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/04/2014
Next Scheduled EDR Contact: 02/16/2015
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/10/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/30/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/09/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/20/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/05/2014
Date Data Arrived at EDR: 09/04/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 74

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/04/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/29/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/26/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/31/2014
Date Data Arrived at EDR: 10/29/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/10/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/15/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/07/2014
Date Data Arrived at EDR: 10/08/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/08/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/16/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/10/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/29/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/18/2014
Date Data Arrived at EDR: 08/18/2014
Date Made Active in Reports: 10/06/2014
Number of Days to Update: 49

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: Quarterly

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 07/14/2014
Date Data Arrived at EDR: 09/17/2014
Date Made Active in Reports: 10/23/2014
Number of Days to Update: 36
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/17/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 09/30/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 50
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/30/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/22/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 06/28/2014
Date Data Arrived at EDR: 07/03/2014
Date Made Active in Reports: 08/21/2014
Number of Days to Update: 49
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Annually

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 09/29/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/11/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 09/30/2014
Number of Days to Update: 49

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 35

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/15/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 03/25/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 34

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/26/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/18/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/10/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 10/31/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 07/31/2014
Date Data Arrived at EDR: 08/05/2014
Date Made Active in Reports: 09/26/2014
Number of Days to Update: 52
Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 09/16/2014
Date Data Arrived at EDR: 09/17/2014
Date Made Active in Reports: 10/23/2014
Number of Days to Update: 36
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/17/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 08/20/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/23/2014
Number of Days to Update: 43
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 09/10/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 10/17/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Varies

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/26/2014
Date Data Arrived at EDR: 08/26/2014
Date Made Active in Reports: 10/06/2014
Number of Days to Update: 41
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/26/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST
EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/14/2014
Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: Quarterly

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/04/2014
Date Data Arrived at EDR: 06/12/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/06/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 09/30/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/14/2014
Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: N/A

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/14/2014
Date Data Arrived at EDR: 08/18/2014
Date Made Active in Reports: 10/06/2014
Number of Days to Update: 49
Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/14/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/04/2014
Date Data Arrived at EDR: 09/04/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 46
Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/11/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: Quarterly

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/29/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/29/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

HWT: Registered Hazardous Waste Transporter Database
A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/14/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 35
Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/15/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 07/25/2014
Date Data Arrived at EDR: 07/28/2014
Date Made Active in Reports: 09/15/2014
Number of Days to Update: 49

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/29/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/25/2014
Date Data Arrived at EDR: 07/28/2014
Date Made Active in Reports: 08/20/2014
Number of Days to Update: 23

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/29/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 09/08/2014
Date Data Arrived at EDR: 09/09/2014
Date Made Active in Reports: 09/24/2014
Number of Days to Update: 15

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 08/22/2013
Number of Days to Update: 20

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 11/06/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 10/06/2014
Date Data Arrived at EDR: 10/07/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 43

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/29/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 06/11/2014
Date Data Arrived at EDR: 06/13/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 24

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/11/2014
Date Data Arrived at EDR: 08/14/2014
Date Made Active in Reports: 10/09/2014
Number of Days to Update: 56

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 11/03/2014
Next Scheduled EDR Contact: 02/16/2015
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 07/31/2014
Date Data Arrived at EDR: 08/05/2014
Date Made Active in Reports: 09/26/2014
Number of Days to Update: 52

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 11/03/2014
Next Scheduled EDR Contact: 02/16/2015
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 08/25/2014
Date Data Arrived at EDR: 08/26/2014
Date Made Active in Reports: 09/29/2014
Number of Days to Update: 34

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 11/03/2014
Next Scheduled EDR Contact: 02/16/2015
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 10/14/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 36

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 10/10/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 09/10/2014
Date Data Arrived at EDR: 09/11/2014
Date Made Active in Reports: 09/25/2014
Number of Days to Update: 14

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/20/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 07/28/2014
Date Data Arrived at EDR: 07/30/2014
Date Made Active in Reports: 09/15/2014
Number of Days to Update: 47

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/05/2014
Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/21/2014
Date Data Arrived at EDR: 08/26/2014
Date Made Active in Reports: 09/29/2014
Number of Days to Update: 34

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 08/20/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 07/23/2014
Date Data Arrived at EDR: 07/25/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 28

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/20/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 09/22/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/31/2014
Date Data Arrived at EDR: 06/06/2014
Date Made Active in Reports: 07/17/2014
Number of Days to Update: 41

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/14/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/21/2014
Date Data Arrived at EDR: 07/21/2014
Date Made Active in Reports: 08/19/2014
Number of Days to Update: 29

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/22/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/17/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/07/2014
Date Data Arrived at EDR: 02/25/2014
Date Made Active in Reports: 03/25/2014
Number of Days to Update: 28

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/17/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 07/23/2014
Date Data Arrived at EDR: 07/28/2014
Date Made Active in Reports: 08/20/2014
Number of Days to Update: 23

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/20/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 07/28/2014
Date Data Arrived at EDR: 07/28/2014
Date Made Active in Reports: 08/20/2014
Number of Days to Update: 23

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/13/2014
Date Data Arrived at EDR: 03/27/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 32

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/10/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 06/09/2014
Date Data Arrived at EDR: 06/11/2014
Date Made Active in Reports: 06/27/2014
Number of Days to Update: 16

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/26/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 07/02/2014
Date Data Arrived at EDR: 07/07/2014
Date Made Active in Reports: 08/18/2014
Number of Days to Update: 42

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 10/20/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 08/20/2014
Date Data Arrived at EDR: 08/26/2014
Date Made Active in Reports: 09/30/2014
Number of Days to Update: 35

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 08/20/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 09/02/2014
Date Data Arrived at EDR: 09/05/2014
Date Made Active in Reports: 09/24/2014
Number of Days to Update: 19

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 09/02/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/09/2014
Date Data Arrived at EDR: 06/11/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 28

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 08/26/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/28/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/28/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 09/16/2014
Date Data Arrived at EDR: 09/18/2014
Date Made Active in Reports: 09/25/2014
Number of Days to Update: 7

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 11/17/2014
Next Scheduled EDR Contact: 02/16/2015
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 08/01/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 10/03/2014
Number of Days to Update: 52

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/05/2014
Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/01/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 09/26/2014
Number of Days to Update: 45

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/05/2014
Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 08/20/2014
Number of Days to Update: 8

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/10/2014
Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: Quarterly

PLACER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 06/09/2014
Date Data Arrived at EDR: 06/10/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 29

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 09/22/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/08/2014
Date Data Arrived at EDR: 07/11/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 17

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/22/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 07/08/2014
Date Data Arrived at EDR: 07/11/2014
Date Made Active in Reports: 08/18/2014
Number of Days to Update: 38

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/22/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/06/2014
Date Data Arrived at EDR: 04/08/2014
Date Made Active in Reports: 04/29/2014
Number of Days to Update: 21

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/06/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/05/2014
Date Data Arrived at EDR: 07/17/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 11

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/21/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 08/06/2014
Date Data Arrived at EDR: 08/07/2014
Date Made Active in Reports: 09/30/2014
Number of Days to Update: 54

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/10/2014
Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 10/21/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2013
Date Data Arrived at EDR: 11/19/2013
Date Made Active in Reports: 12/31/2013
Number of Days to Update: 42

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 11/05/2014
Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/05/2014
Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/20/2014
Date Data Arrived at EDR: 06/23/2014
Date Made Active in Reports: 07/11/2014
Number of Days to Update: 18
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/22/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 08/22/2014
Date Data Arrived at EDR: 08/26/2014
Date Made Active in Reports: 10/01/2014
Number of Days to Update: 36
Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/20/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 10/06/2014
Date Data Arrived at EDR: 10/10/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 40
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/15/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 09/15/2014
Date Data Arrived at EDR: 09/16/2014
Date Made Active in Reports: 10/22/2014
Number of Days to Update: 36
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/15/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28
Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 08/22/2014
Date Data Arrived at EDR: 08/26/2014
Date Made Active in Reports: 10/03/2014
Number of Days to Update: 38

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/22/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 09/02/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/14/2014
Date Data Arrived at EDR: 08/18/2014
Date Made Active in Reports: 10/03/2014
Number of Days to Update: 46

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 09/09/2014
Date Data Arrived at EDR: 09/11/2014
Date Made Active in Reports: 09/25/2014
Number of Days to Update: 14

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 09/16/2014
Date Data Arrived at EDR: 09/18/2014
Date Made Active in Reports: 10/22/2014
Number of Days to Update: 34

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 08/26/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/19/2014
Date Data Arrived at EDR: 06/26/2014
Date Made Active in Reports: 07/25/2014
Number of Days to Update: 29

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/15/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 06/19/2014
Date Data Arrived at EDR: 06/26/2014
Date Made Active in Reports: 07/25/2014
Number of Days to Update: 29

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/15/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 06/26/2014
Date Data Arrived at EDR: 08/20/2014
Date Made Active in Reports: 10/06/2014
Number of Days to Update: 47

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 09/29/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 07/03/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 25

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/29/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 09/08/2014
Date Data Arrived at EDR: 09/09/2014
Date Made Active in Reports: 10/24/2014
Number of Days to Update: 45

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 08/13/2014
Date Data Arrived at EDR: 08/15/2014
Date Made Active in Reports: 10/03/2014
Number of Days to Update: 49

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 07/28/2014
Date Data Arrived at EDR: 08/18/2014
Date Made Active in Reports: 09/26/2014
Number of Days to Update: 39

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/17/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/03/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/17/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 06/26/2014
Date Data Arrived at EDR: 07/31/2014
Date Made Active in Reports: 09/15/2014
Number of Days to Update: 46

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/26/2014
Date Data Arrived at EDR: 09/17/2014
Date Made Active in Reports: 10/28/2014
Number of Days to Update: 41

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/17/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 06/30/2014
Date Data Arrived at EDR: 07/07/2014
Date Made Active in Reports: 08/18/2014
Number of Days to Update: 42

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/22/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 08/05/2014
Date Data Arrived at EDR: 08/07/2014
Date Made Active in Reports: 10/06/2014
Number of Days to Update: 60

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 11/17/2014
Next Scheduled EDR Contact: 02/16/2015
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/17/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/10/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2014
Date Data Arrived at EDR: 08/07/2014
Date Made Active in Reports: 10/17/2014
Number of Days to Update: 71

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/05/2014
Next Scheduled EDR Contact: 02/16/2015
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/21/2014
Date Made Active in Reports: 08/25/2014
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/20/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/15/2014
Date Made Active in Reports: 08/13/2014
Number of Days to Update: 29

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/26/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/20/2014
Date Made Active in Reports: 08/07/2014
Number of Days to Update: 48

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/15/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1977 SATURN STREET
1977 SATURN STREET
MONTEREY PARK, CA 91755

TARGET PROPERTY COORDINATES

Latitude (North):	34.04 - 34° 2' 24.00''
Longitude (West):	118.1134 - 118° 6' 48.24''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	397223.4
UTM Y (Meters):	3766955.5
Elevation:	361 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	34118-A1 EL MONTE, CA
Most Recent Revision:	1994
West Map:	34118-A2 LOS ANGELES, CA
Most Recent Revision:	1994

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

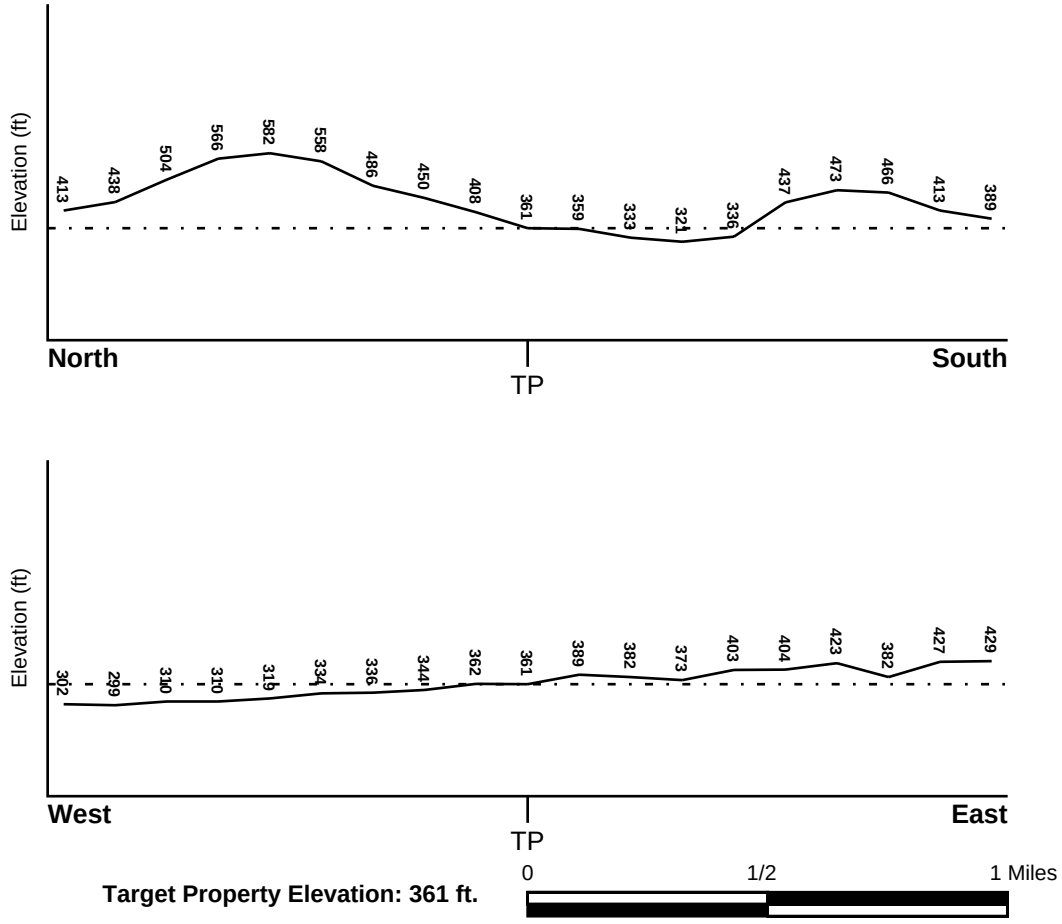
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
LOS ANGELES, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06037C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
EL MONTE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Tertiary
Series:	Pliocene
Code:	Tp *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:
sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Surficial Soil Types:
sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Shallow Soil Types:
fine sandy loam
gravelly - loam
sandy clay
sandy clay loam
clay
silty clay
sand

Deeper Soil Types:
gravelly - sandy loam
sandy loam
very gravelly - sandy loam
stratified
very fine sandy loam
weathered bedrock
sand
gravelly - fine sandy loam
silty clay loam
clay loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
3	USGS40000140067	1/2 - 1 Mile WNW
4	USGS40000139914	1/2 - 1 Mile SW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	2782	1/2 - 1 Mile SSW
2	22851	1/2 - 1 Mile NNW

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG9A000031589	0 - 1/8 Mile West
A2	CAOG9A000031500	1/4 - 1/2 Mile SSW
A3	CAOG9A000031486	1/4 - 1/2 Mile SSW
4	CAOG9A000031493	1/4 - 1/2 Mile SSW
B5	CAOG9A000031555	1/4 - 1/2 Mile ESE
B6	CAOG9A000031553	1/2 - 1 Mile ESE
7	CAOG9A000031640	1/2 - 1 Mile NE
8	CAOG9A000031674	1/2 - 1 Mile NNW
9	CAOG9A000031244	1/2 - 1 Mile South
10	CAOG9A000031370	1/2 - 1 Mile SW
11	CAOG9A000031290	1/2 - 1 Mile SSE
12	CAOG9A000031446	1/2 - 1 Mile SE

STATE OIL/GAS WELL INFORMATION

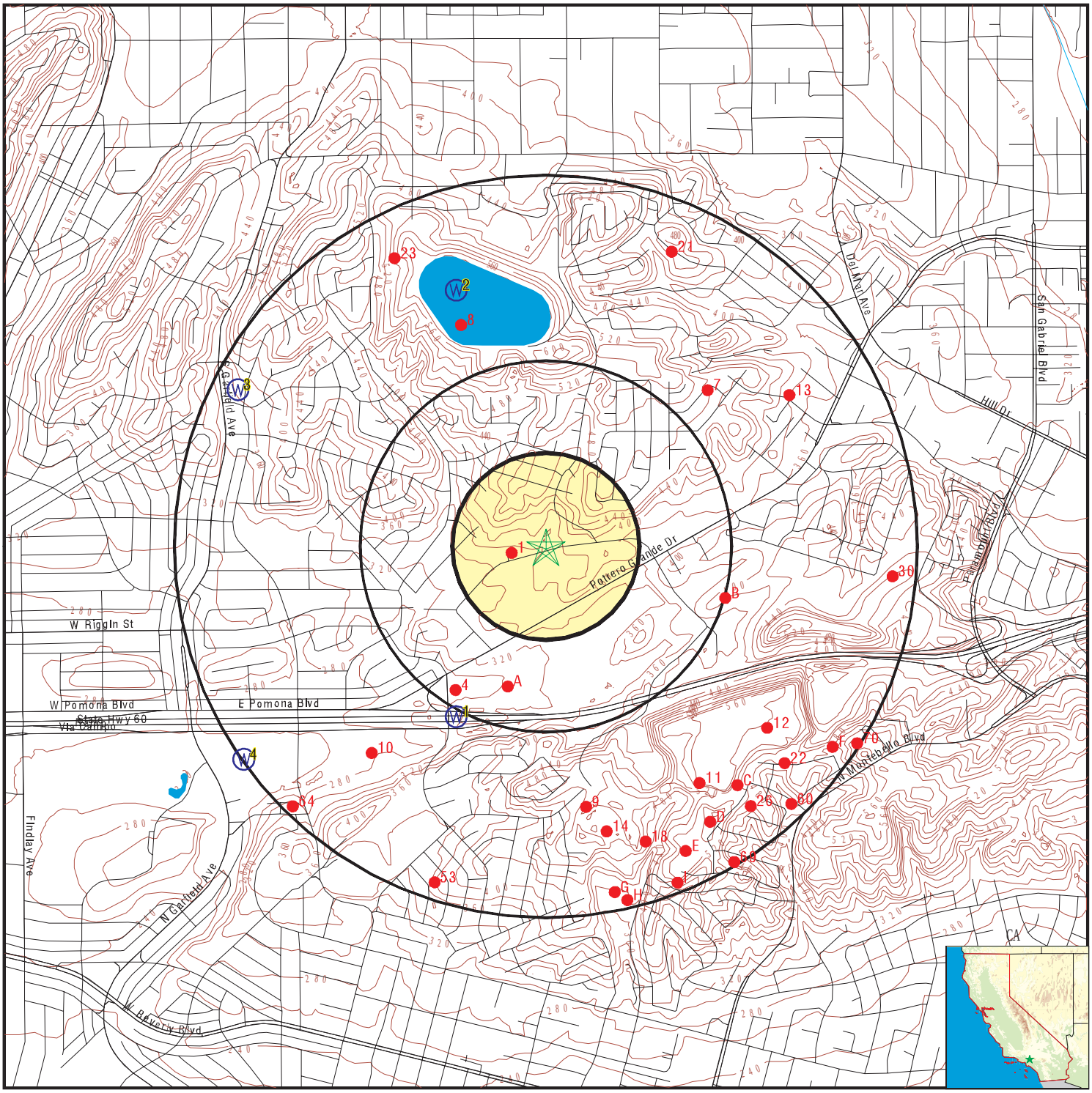
MAP ID	WELL ID	LOCATION FROM TP
13	CAOG9A000031636	1/2 - 1 Mile ENE
14	CAOG9A000031176	1/2 - 1 Mile SSE
C15	CAOG9A000031300	1/2 - 1 Mile SE
C16	CAOG9A000031304	1/2 - 1 Mile SE
C17	CAOG9A000031263	1/2 - 1 Mile SE
18	CAOG9A000031143	1/2 - 1 Mile SSE
D19	CAOG9A000031211	1/2 - 1 Mile SSE
D20	CAOG9A000031199	1/2 - 1 Mile SSE
21	CAOG9A000031795	1/2 - 1 Mile NNE
22	CAOG9A000031329	1/2 - 1 Mile SE
23	CAOG9A000031766	1/2 - 1 Mile NNW
E24	CAOG9A000031149	1/2 - 1 Mile SSE
D25	CAOG9A000031197	1/2 - 1 Mile SSE
26	CAOG9A000031247	1/2 - 1 Mile SE
E27	CAOG9A000031096	1/2 - 1 Mile SSE
E28	CAOG9A000031116	1/2 - 1 Mile SSE
F29	CAOG9A000031358	1/2 - 1 Mile SE
30	CAOG9A000031559	1/2 - 1 Mile East
G31	CAOG9A000031018	1/2 - 1 Mile South
G32	CAOG9A000031017	1/2 - 1 Mile South
G33	CAOG9A000031015	1/2 - 1 Mile South
G34	CAOG9A000031016	1/2 - 1 Mile South
G35	CAOG9A000031014	1/2 - 1 Mile South
G36	CAOG9A000031013	1/2 - 1 Mile South
G37	CAOG9A000031012	1/2 - 1 Mile South
G38	CAOG9A000031010	1/2 - 1 Mile South
G39	CAOG9A000031011	1/2 - 1 Mile South
G40	CAOG9A000031009	1/2 - 1 Mile South
G41	CAOG9A000031008	1/2 - 1 Mile South
G42	CAOG9A000031007	1/2 - 1 Mile South
G43	CAOG9A000031003	1/2 - 1 Mile South
G44	CAOG9A000031004	1/2 - 1 Mile South
G45	CAOG9A000031002	1/2 - 1 Mile SSE
G46	CAOG9A000031001	1/2 - 1 Mile SSE
G47	CAOG9A000031000	1/2 - 1 Mile SSE
G48	CAOG9A000030997	1/2 - 1 Mile SSE
G49	CAOG9A000030998	1/2 - 1 Mile SSE
G50	CAOG9A000030996	1/2 - 1 Mile SSE
G51	CAOG9A000030995	1/2 - 1 Mile SSE
G52	CAOG9A000030999	1/2 - 1 Mile SSE
53	CAOG9A000031028	1/2 - 1 Mile SSW
F54	CAOG9A000031422	1/2 - 1 Mile ESE
G55	CAOG9A000030993	1/2 - 1 Mile SSE
G56	CAOG9A000030992	1/2 - 1 Mile SSE
G57	CAOG9A000030989	1/2 - 1 Mile SSE
G58	CAOG9A000030991	1/2 - 1 Mile SSE
G59	CAOG9A000030987	1/2 - 1 Mile SSE
60	CAOG9A000031253	1/2 - 1 Mile SE
H61	CAOG9A000030988	1/2 - 1 Mile SSE
I62	CAOG9A000031049	1/2 - 1 Mile SSE
I63	CAOG9A000031034	1/2 - 1 Mile SSE
64	CAOG9A000031245	1/2 - 1 Mile SW
G65	CAOG9A000030932	1/2 - 1 Mile SSE
G66	CAOG9A000030933	1/2 - 1 Mile SSE
H67	CAOG9A000030930	1/2 - 1 Mile SSE
I68	CAOG9A000031005	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
69	CAOG9A000031093	1/2 - 1 Mile SSE
70	CAOG9A000031414	1/2 - 1 Mile ESE
H71	CAOG9A000030922	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 4140292.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	1977 Saturn Street	CLIENT:	Leighton Consulting
ADDRESS:	1977 Saturn Street Monterey Park CA 91755	CONTACT:	Meredith Church
		INQUIRY #:	4140292.2s
LAT/LONG:	34.04 / 118.1134	DATE:	November 20, 2014 11:58 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SSW
1/2 - 1 Mile
Lower

CA WELLS **2782**

Water System Information:

Prime Station Code:	02S/12W-03C01 S	User ID:	4TH
FRDS Number:	1910117002	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	340200.0 1180700.0	Precision:	Undefined
Source Name:	GOLF WELL - DESTROYED		
System Number:	1910117		
System Name:	MONTEBELLO-CITY, WATER DEPT.		
Organization That Operates System:			
	1720 NORTH FIRST STREET		
	SAN JOSE, CA 95112		
Pop Served:	6500	Connections:	1617
Area Served:	MONTEBELLO		

2
NNW
1/2 - 1 Mile
Higher

CA WELLS **22851**

Water System Information:

Prime Station Code:	G19/092-SYSTM02	User ID:	4TH
FRDS Number:	1910092016	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Distribution System Sample Point Treated
Source Lat/Long:	340300.0 1180700.0	Precision:	1 Mile (One Minute)
Source Name:	1980 CLOVER DR. - SYSTEM SAMPLE SITE		
System Number:	1910092		
System Name:	MONTEREY PARK-CITY, WATER DEPT.		
Organization That Operates System:			
	320 W NEWMARK ST		
	MONTEREY PARK, CA 91754		
Pop Served:	59000	Connections:	12103
Area Served:	MONTEREY PARK		

3
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000140067**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-340246118073701		
Monloc name:	001S012W34C005S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070105	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.0461224
Longitude:	-118.1278477	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

4
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000139914**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-340154118073601		
Monloc name:	002S012W03C001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070105	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.0316786
Longitude:	-118.1275698	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	646
Welldepth units:	ft	Wellholedepth:	646
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
West
0 - 1/8 Mile

OIL_GAS **CAOG9A000031589**

Districtnu:	1	Apinumber:	03720192
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Bradford Bishop		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	35		
Township:	01S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.039747		
Glong:	-118.115007		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Monterey Park	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031589

A2
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000031500**

Districtnu:	1	Apinumber:	03712269
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Baldwin-Stocker Oil Estates		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	35		
Township:	01S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.034768		
Glong:	-118.114877		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031500

A3
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG9A000031486**

Districtnu:	1	Apinumber:	03705181
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Atlantic Richfield Company		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	35		
Township:	01S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.034275		
Glong:	-118.115499		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Tri City	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031486

4
SSW **OIL_GAS** **CAOG9A000031493**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03705799
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Repetto Hills Petro. Corp.		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	34		
Township:	01S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.03439		
Glong:	-118.117639		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031493

B5
ESE **OIL_GAS** **CAOG9A000031555**
1/4 - 1/2 Mile

Districtnu:	1	Apinumber:	03705583
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Lodico Oil Co.		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	35		
Township:	01S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.038058		
Glong:	-118.10527		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	North Montebello	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031555

B6
ESE **OIL_GAS** **CAOG9A000031553**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03720748
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Delta Petro. Co.		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	35		
Township:	01S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.037909		
Glong:	-118.104694		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Wheeler	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031553

7
NE **OIL_GAS** **CAOG9A000031640**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03706201
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Union Oil Company of California		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	35		
Township:	01S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.046103		
Glong:	-118.105807		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Valley View	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031640

8
NNW **OIL_GAS** **CAOG9A000031674**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03705702
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Monte Cristo Petro. Co.		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	27		
Township:	01S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.048654		
Glong:	-118.117382		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Ramsey, Bass & Goodknight Garvey	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031674

9
South **OIL_GAS** **CAOG9A000031244**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03712553
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Continental Development of Calif., Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.02982		
Glong:	-118.111513		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Monterey	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031244

10
SW
1/2 - 1 Mile

OIL_GAS **CAOG9A000031370**

Districtnu:	1	Apinumber:	03720378
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Bradford Bishop		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	3		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.031926		
Glong:	-118.121574		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Bishop-MPL	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031370

11
SSE
1/2 - 1 Mile

OIL_GAS **CAOG9A000031290**

Districtnu:	1	Apinumber:	03711915
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.030752		
Glong:	-118.106194		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stocker-Merced	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031290

12
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000031446**

Districtnu:	1	Apinumber:	03711939
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.032907		
Glong:	-118.103018		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Wheeler	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031446

13
ENE
1/2 - 1 Mile

OIL_GAS **CAOG9A000031636**

Districtnu:	1	Apinumber:	03705700
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Rice Ranch Oil Co.		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	35		
Township:	01S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.045915		
Glong:	-118.101974		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031636

14
SSE **OIL_GAS** **CAOG9A000031176**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03723898
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Continental Development of Calif., Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.028862		
Glong:	-118.11055		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Monterey	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031176

C15
SE **OIL_GAS** **CAOG9A000031300**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03711942
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Main		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.030948		
Glong:	-118.104405		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Wheeler	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PWF	Site id:	CAOG9A000031300

C16
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000031304**

Districtnu:	1	Apinumber:	03710852
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.031		
Glong:	-118.103723		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Baldwin	Wellnumber:	135
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031304

C17
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000031263**

Districtnu:	1	Apinumber:	03711940
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.030058		
Glong:	-118.105104		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Wheeler	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031263

18
SSE **OIL_GAS** **CAOG9A000031143**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03711943
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.028466		
Glong:	-118.108722		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Wheeler	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031143

D19
SSE **OIL_GAS** **CAOG9A000031211**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03712268
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Baldwin-Stocker Oil Estates		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.029447		
Glong:	-118.105805		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000031211

D20
SSE **OIL_GAS** **CAOG9A000031199**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03711941
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.029154		
Glong:	-118.106058		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Wheeler	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031199

21
NNE **OIL_GAS** **CAOG9A000031795**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03705660
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	G. Everett Miller		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	26		
Township:	01S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.051518		
Glong:	-118.107497		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Garvey Hills South Unit	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031795

22
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000031329**

Districtnu:	1	Apinumber:	03710854
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.03153		
Glong:	-118.102197		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Baldwin	Wellnumber:	137
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031329

23
NNW
1/2 - 1 Mile

OIL_GAS **CAOG9A000031766**

Districtnu:	1	Apinumber:	03705157
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Atlantic Richfield Company		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	27		
Township:	01S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.051265		
Glong:	-118.120505		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Garvey Hills	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031766

E24
SSE **OIL_GAS** **CAOG9A000031149**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03711945
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.028532		
Glong:	-118.106666		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Wheeler	Wellnumber:	102
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031149

D25
SSE **OIL_GAS** **CAOG9A000031197**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03710851
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.029107		
Glong:	-118.105216		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Baldwin	Wellnumber:	134
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031197

26
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000031247**

Districtnu:	1	Apinumber:	03712354
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.029848		
Glong:	-118.103783		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Baldwin	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031247

E27
SSE
1/2 - 1 Mile

OIL_GAS **CAOG9A000031096**

Districtnu:	1	Apinumber:	03711914
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.027687		
Glong:	-118.107559		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stocker-Merced	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031096

E28
SSE **OIL_GAS** **CAOG9A000031116**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03710849
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.028067		
Glong:	-118.106291		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Baldwin	Wellnumber:	132
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031116

F29
SE **OIL_GAS** **CAOG9A000031358**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03710853
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.031862		
Glong:	-118.100445		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Baldwin	Wellnumber:	136
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031358

30
East
1/2 - 1 Mile

OIL_GAS **CAOG9A000031559**

Districtnu:	1	Apinumber:	03706000
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Any Field
Areaname:	Any Area		
Section:	36		
Township:	01S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.038832		
Glong:	-118.097129		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stocker-Merced	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031559

G31
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000031018**

Districtnu:	1	Apinumber:	03721485
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	378.976
Locationde:	Not Reported		
Glat:	34.026552		
Glong:	-118.110874		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	22- 1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AGS	Site id:	CAOG9A000031018

G32
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000031017**

Districtnu:	1	Apinumber:	03721484
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	377.157
Locationde:	Not Reported		
Glat:	34.026547		
Glong:	-118.110832		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	21- 2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031017

G33
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000031015**

Districtnu:	1	Apinumber:	03721931
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	376.702
Locationde:	Not Reported		
Glat:	34.026543		
Glong:	-118.11078		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	23-3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AGS	Site id:	CAOG9A000031015

G34
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000031016**

Districtnu:	1	Apinumber:	03700053
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	374.972
Locationde:	Not Reported		
Glat:	34.026544		
Glong:	-118.110734		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	6-4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031016

G35
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000031014**

Districtnu:	1	Apinumber:	03700550
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	378.449
Locationde:	Not Reported		
Glat:	34.026542		
Glong:	-118.110683		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	7-5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031014

G36
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000031013**

Districtnu:	1	Apinumber:	03712768
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	379.8
Locationde:	Not Reported		
Glat:	34.026537		
Glong:	-118.110629		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	1-6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031013

G37
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000031012**

Districtnu:	1	Apinumber:	03721150
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	378.294
Locationde:	Not Reported		
Glat:	34.026534		
Glong:	-118.110578		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	18- 7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AGS	Site id:	CAOG9A000031012

G38
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000031010**

Districtnu:	1	Apinumber:	03700054
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	378.204
Locationde:	Not Reported		
Glat:	34.026528		
Glong:	-118.110529		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	8-8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031010

G39
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000031011**

Districtnu:	1	Apinumber:	03721152
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	380.747
Locationde:	Not Reported		
Glat:	34.02653		
Glong:	-118.11048		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	17- 9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AGS	Site id:	CAOG9A000031011

G40
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000031009**

Districtnu:	1	Apinumber:	03712769
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	378.121
Locationde:	Not Reported		
Glat:	34.026528		
Glong:	-118.11043		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	2-10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AGS	Site id:	CAOG9A000031009

G41
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000031008**

Districtnu:	1	Apinumber:	03700055
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	379.029
Locationde:	Not Reported		
Glat:	34.026526		
Glong:	-118.110387		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	9-11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000031008

G42
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000031007**

Districtnu:	1	Apinumber:	03721151
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	380.423
Locationde:	Not Reported		
Glat:	34.026523		
Glong:	-118.110335		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	16-12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031007

G43
South
1/2 - 1 Mile

OIL_GAS **CAOG9A000031003**

Districtnu:	1	Apinumber:	03712772
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	379.662
Locationde:	Not Reported		
Glat:	34.026511		
Glong:	-118.110235		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	5-14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	3778	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000031003

G44
South **OIL_GAS** **CAOG9A000031004**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03712773
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	378.472
Locationde:	Not Reported		
Glat:	34.026513		
Glong:	-118.110185		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	10-15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031004

G45
SSE **OIL_GAS** **CAOG9A000031002**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03712774
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	378.692
Locationde:	Not Reported		
Glat:	34.02651		
Glong:	-118.110136		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	11-16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031002

G46
SSE **OIL_GAS** **CAOG9A000031001**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03700526
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	379.46
Locationde:	Not Reported		
Glat:	34.026506		
Glong:	-118.110086		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	12-17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031001

G47
SSE **OIL_GAS** **CAOG9A000031000**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03712770
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	378.683
Locationde:	Not Reported		
Glat:	34.026504		
Glong:	-118.10999		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	3-18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AGS	Site id:	CAOG9A000031000

G48
SSE **OIL_GAS** **CAOG9A000030997**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03722200
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	378.689
Locationde:	Not Reported		
Glat:	34.0265		
Glong:	-118.109939		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	28-19
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000030997

G49
SSE **OIL_GAS** **CAOG9A000030998**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03722200
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	378.689
Locationde:	Not Reported		
Glat:	34.0265		
Glong:	-118.109939		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	28-19
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000030998

G50
SSE **OIL_GAS** **CAOG9A000030996**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03700056
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	380.737
Locationde:	Not Reported		
Glat:	34.026497		
Glong:	-118.109888		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	13-20
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000030996

G51
SSE **OIL_GAS** **CAOG9A000030995**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03712771
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	382.061
Locationde:	Not Reported		
Glat:	34.026494		
Glong:	-118.109842		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	4-21
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AGS	Site id:	CAOG9A000030995

G52
SSE **OIL_GAS** **CAOG9A000030999**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03700631
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	380.33
Locationde:	Not Reported		
Glat:	34.026502		
Glong:	-118.109788		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	14-22
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000030999

53
SSW **OIL_GAS** **CAOG9A000031028**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03711911
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	3		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.02687		
Glong:	-118.11862		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	M.P.L. 2	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031028

F54
ESE **OIL_GAS** **CAOG9A000031422**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03711944
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.032468		
Glong:	-118.099445		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Wheeler	Wellnumber:	101
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031422

G55
SSE **OIL_GAS** **CAOG9A000030993**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03721482
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	377.239
Locationde:	Not Reported		
Glat:	34.02649		
Glong:	-118.109739		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	19-23
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000030993

G56
SSE **OIL_GAS** **CAOG9A000030992**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03721945
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	379.921
Locationde:	Not Reported		
Glat:	34.026486		
Glong:	-118.109688		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	24-24
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000030992

G57
SSE **OIL_GAS** **CAOG9A000030989**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03721972
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	380.707
Locationde:	Not Reported		
Glat:	34.026479		
Glong:	-118.109638		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	25-25
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000030989

G58
SSE **OIL_GAS** **CAOG9A000030991**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03721973
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	382.514
Locationde:	Not Reported		
Glat:	34.026484		
Glong:	-118.109591		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	26-26
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AGS	Site id:	CAOG9A000030991

G59
SSE **OIL_GAS** **CAOG9A000030987**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03722199
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	380.929
Locationde:	Not Reported		
Glat:	34.026478		
Glong:	-118.10954		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	27-27
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000030987

60
SE
1/2 - 1 Mile

OIL_GAS **CAOG9A000031253**

Districtnu:	1	Apinumber:	03712067
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.029935		
Glong:	-118.101885		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Baldwin	Wellnumber:	49
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031253

H61
SSE
1/2 - 1 Mile

OIL_GAS **CAOG9A000030988**

Districtnu:	1	Apinumber:	03700057
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	382.338
Locationde:	Not Reported		
Glat:	34.026478		
Glong:	-118.109496		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	15-28
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AGS	Site id:	CAOG9A000030988

I62
SSE **OIL_GAS** **CAOG9A000031049**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03710856
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.027095		
Glong:	-118.107102		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Baldwin	Wellnumber:	140
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031049

I63
SSE **OIL_GAS** **CAOG9A000031034**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03710779
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.026965		
Glong:	-118.106938		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Baldwin	Wellnumber:	60
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031034

64
SW
1/2 - 1 Mile

OIL_GAS **CAOG9A000031245**

Districtnu:	1	Apinumber:	03712012
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Interstate Oil Corp.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	3		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.029841		
Glong:	-118.125279		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000031245

G65
SSE
1/2 - 1 Mile

OIL_GAS **CAOG9A000030932**

Districtnu:	1	Apinumber:	03721919
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Main		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	382.054
Locationde:	Not Reported		
Glat:	34.026122		
Glong:	-118.109692		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	OC
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOG	Site id:	CAOG9A000030932

G66
SSE **OIL_GAS** **CAOG9A000030933**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03721918
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Main		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	376.637
Locationde:	Not Reported		
Glat:	34.026126		
Glong:	-118.109651		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	OB
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOB	Site id:	CAOG9A000030933

H67
SSE **OIL_GAS** **CAOG9A000030930**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03721917
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	West		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	372.842
Locationde:	Not Reported		
Glat:	34.026122		
Glong:	-118.1096		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Mgs	Wellnumber:	OA
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000030930

I68
SSE **OIL_GAS** **CAOG9A000031005**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03712593
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Continental Development of Calif., Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.026516		
Glong:	-118.10762		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Monterey	Wellnumber:	46
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031005

69
SSE **OIL_GAS** **CAOG9A000031093**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03710861
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.027665		
Glong:	-118.104561		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Baldwin	Wellnumber:	146
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031093

70
ESE **OIL_GAS** **CAOG9A000031414**
1/2 - 1 Mile

Districtnu:	1	Apinumber:	03710850
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	1		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	34.032306		
Glong:	-118.098796		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Baldwin	Wellnumber:	133
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	POG	Site id:	CAOG9A000031414

H71
SSE **OIL_GAS** **CAOG9A000030922**
1/2 - 1 Mile

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	03721916
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Southern California Gas Company		
Countyname:	Los Angeles	Fieldname:	Montebello
Areaname:	Any Area		
Section:	2		
Township:	02S	Range:	12W
Basemeridi:	SB	Elevation:	381.333
Locationde:	Not Reported		
Glat:	34.025929		
Glong:	-118.109635		
Gissourcec:	gps		
Comments:	47806038.ssf		
Leasename:	Drillsite	Wellnumber:	OWW-1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	AOB	Site id:	CAOG9A000030922

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
91755	5	0

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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1977 SATURN ST.
MONTEREY, CA 91754

Inquiry Number:
November 26, 2014

EDR Site Report™

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TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of federal, state and local environmental databases. The report is divided into three sections:

Section 1: Facility Summary . . . . . Page 3

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

Section 2: Facility Detail Reports . . . . . Page 4

All available detailed information from databases where sites are identified.

Section 3: Databases and Update Information. . . . . Page 5

Name, source, update dates, contact phone number and description of each of the databases for this report.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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SECTION 1: FACILITY SUMMARY

FACILITY AREA	FACILITY 1 1977 SATURN ST. MONTEREY, CA 91754 EDR ID #91228779
WASTE MANAGEMENT Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	**YES - p4**
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in other database records (OTHER)	NO
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

SECTION 2: FACILITY DETAIL REPORTS

WASTE MANAGEMENT

Facility has reported emergency releases to the soil

DATABASE: Emergency Response Notification System (ERNS)

1977 SATURN ST.
MONTEREY, CA 91754
EDR ID #91228779

ERNS:

Site ID:	91228779
Site location:	1977 SATURN ST. MONTEREY, CA 91754-
County:	MONTEREY
Report number:	Not reported
EPA region:	09
Spill date:	07/29/1991
Spill time:	15:00
Medium affected:	Facility
Damage:	False
Damage $ amount:	0.00
Number of injured:	0
Number of fatalities:	0
Notes:	NONE
Discharger:	SANWA BANK
Discharger address:	1977 SATURN ST. MONTEREY, CA 91754-
Discharger county:	MONTEREY
C.G. Unit:	Not reported
EPA notified:	True
Initial report:	True
Updated report:	True
Spill cause:	Unknown
Spilled material:	DIESEL FUEL
Spill total qty:	0.00 UNK
In water:	0.00
DOT #:	UN1270
CAS:	6833430
Quantity (lbs):	0.00
Description:	ALARM SOUNDED & FOUND FUEL IN THE INSPECTION WELL
Action:	NEED FURTHER INVESTIGATION BEFORE CLEANUP
Comments:	Not reported

SECTION 3: DATABASES AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

DATABASES FOUND IN THIS REPORT

ERNS: Emergency Response Notification System
Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/29/2014
Database Release Frequency: Annually

Date of Last EDR Contact: 09/30/2014
Date of Next Scheduled Update: 01/12/2015

BANK OF THE WEST
1977 SATURN ST
MONTEREY PARK, CA 91755 - 7418

Inquiry Number:
November 26, 2014

EDR Site Report™

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of federal, state and local environmental databases. The report is divided into three sections:

Section 1: Facility Summary . . . . . Page 3

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

Section 2: Facility Detail Reports . . . . . Page 4

All available detailed information from databases where sites are identified.

Section 3: Databases and Update Information. . . . . Page 11

Name, source, update dates, contact phone number and description of each of the databases for this report.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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SECTION 1: FACILITY SUMMARY

FACILITY AREA	FACILITY 1 **BANK OF THE WEST** 1977 SATURN ST MONTEREY PARK, CA 91755 - 7418 EDR ID #S113016282
WASTE MANAGEMENT Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in other database records (OTHER)	**YES - p4**
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

SECTION 2: FACILITY DETAIL REPORTS

MULTIMEDIA

Facility is listed in other database records

DATABASE: Other Database Records (OTHER)

BANK OF THE WEST
1977 SATURN ST
MONTEREY PARK, CA 91755 - 7418
EDR ID #S113016282

HAZNET:

Year:	2012
Gepaid:	CAD982463895
Contact:	TRINI MOSSMAN, FAC. MGR
Telephone:	3237273017
Mailing Name:	Not reported
Mailing Address:	1977 SATURN ST
Mailing City,St,Zip:	MONTEREY PARK, CA 917557418
Gen County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.03
Facility County:	Los Angeles

Year:	2012
Gepaid:	CAD982463895
Contact:	TRINI MOSSMAN, FAC. MGR
Telephone:	3237273017
Mailing Name:	Not reported
Mailing Address:	1977 SATURN ST
Mailing City,St,Zip:	MONTEREY PARK, CA 917557418
Gen County:	Los Angeles
TSD EPA ID:	CAT000613893
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.22935
Facility County:	Los Angeles

Year:	2012
Gepaid:	CAD982463895
Contact:	TRINI MOSSMAN, FAC. MGR
Telephone:	3237273017
Mailing Name:	Not reported
Mailing Address:	1977 SATURN ST
Mailing City,St,Zip:	MONTEREY PARK, CA 917557418
Gen County:	Los Angeles
TSD EPA ID:	CAT000613893
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.22935
Facility County:	Los Angeles

Year:	2012
Gepaid:	CAD982463895
Contact:	TRINI MOSSMAN, FAC. MGR
Telephone:	3237273017
Mailing Name:	Not reported
Mailing Address:	1977 SATURN ST
Mailing City,St,Zip:	MONTEREY PARK, CA 917557418
Gen County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.03
Facility County:	Los Angeles

Year:	2010
Gepaid:	CAD982463895
Contact:	TRINI MOSSMAN, FAC. MGR
Telephone:	3237273017
Mailing Name:	Not reported

Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Tank bottom waste
Disposal Method: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 0.7506
Facility County: Los Angeles

Year: 2010
Gepaid: CAD982463895
Contact: TRINI MOSSMAN, FAC. MGR
Telephone: 3237273017
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Tank bottom waste
Disposal Method: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 0.7506
Facility County: Los Angeles

Year: 2008
Gepaid: CAD982463895
Contact: JOHN T. MADIGAN FACILITIES MGR
Telephone: 3237273017
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.209
Facility County: Los Angeles

Year: 2008
Gepaid: CAD982463895
Contact: JOHN T. MADIGAN FACILITIES MGR
Telephone: 3237273017
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.209
Facility County: Los Angeles

Year: 2007
Gepaid: CAD982463895
Contact: JOHN T. MADIGAN FACILITIES MGR
Telephone: 3237273017
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: TXD077603371
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.08
Facility County: Los Angeles

Year: 2007
Gepaid: CAD982463895
Contact: JOHN T. MADIGAN FACILITIES MGR
Telephone: 3237273017
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: TXD077603371
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.08

Facility County: Los Angeles

Year: 2006
Gepaid: CAD982463895
Contact: JOHN T. MADIGAN FACILITIES MGR
Telephone: 3237273017
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Tank bottom waste
Disposal Method: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 0.41
Facility County: Los Angeles

Year: 2006
Gepaid: CAD982463895
Contact: JOHN T. MADIGAN FACILITIES MGR
Telephone: 3237273017
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Tank bottom waste
Disposal Method: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 0.41
Facility County: Los Angeles

Year: 2003
Gepaid: CAD982463895
Contact: JOHN T. MADIGAN FACILITIES MGR
Telephone: 3237273017
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: AZD049318009
TSD County: Not reported
Waste Category: Liquids with pH <= 2 with metals
Disposal Method: Recycler
Tons: 0.05
Facility County: Los Angeles

Year: 2003
Gepaid: CAD982463895
Contact: JOHN T. MADIGAN FACILITIES MGR
Telephone: 3237273017
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: AZD049318009
TSD County: Not reported
Waste Category: Liquids with pH <= 2 with metals
Disposal Method: Recycler
Tons: 0.05
Facility County: Los Angeles

Year: 2003
Gepaid: CAD982463895
Contact: JOHN T. MADIGAN FACILITIES MGR
Telephone: 3237273017
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Transfer Station
Tons: 0.05
Facility County: Los Angeles

Year: 2003
Gepaid: CAD982463895
Contact: JOHN T. MADIGAN FACILITIES MGR
Telephone: 3237273017
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported

TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Transfer Station
Tons: 0.05
Facility County: Los Angeles

Year: 2003
Gepaid: CAD982463895
Contact: JOHN T. MADIGAN FACILITIES MGR
Telephone: 3237273017
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Disposal, Other
Tons: 0.05
Facility County: Los Angeles

Year: 2003
Gepaid: CAD982463895
Contact: JOHN T. MADIGAN FACILITIES MGR
Telephone: 3237273017
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Disposal, Other
Tons: 0.05
Facility County: Los Angeles

Year: 2003
Gepaid: CAD982463895
Contact: JOHN T. MADIGAN FACILITIES MGR
Telephone: 3237273017
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: AZD049318009
TSD County: Not reported
Waste Category: Unspecified alkaline solution
Disposal Method: Treatment, Incineration
Tons: 0.12
Facility County: Los Angeles

Year: 2003
Gepaid: CAD982463895
Contact: JOHN T. MADIGAN FACILITIES MGR
Telephone: 3237273017
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: AZD049318009
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Treatment, Incineration
Tons: 0.02
Facility County: Los Angeles

Year: 2003
Gepaid: CAD982463895
Contact: JOHN T. MADIGAN FACILITIES MGR
Telephone: 3237273017
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: AZD049318009
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Treatment, Incineration
Tons: 0.02
Facility County: Los Angeles

Year: 2003
Gepaid: CAD982463895
Contact: JOHN T. MADIGAN FACILITIES MGR

Telephone: 3237273017
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: AZD049318009
TSD County: Not reported
Waste Category: Unspecified alkaline solution
Disposal Method: Treatment, Incineration
Tons: 0.12
Facility County: Los Angeles

Year: 2003
Gepaid: CAD982463895
Contact: JOHN T. MADIGAN FACILITIES MGR
Telephone: 3237273017
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: AZD049318009
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Treatment, Incineration
Tons: 0
Facility County: Los Angeles

Year: 2003
Gepaid: CAD982463895
Contact: JOHN T. MADIGAN FACILITIES MGR
Telephone: 3237273017
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: AZD049318009
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Treatment, Incineration
Tons: 0
Facility County: Los Angeles

Year: 1996
Gepaid: CAD982463895
Contact: SANWA BANK OF CALIFORNIA
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Tons: 1.0007
Facility County: Los Angeles

Year: 1996
Gepaid: CAD982463895
Contact: SANWA BANK OF CALIFORNIA
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Tons: 1.0007
Facility County: Los Angeles

Year: 1996
Gepaid: CAD982463895
Contact: SANWA BANK OF CALIFORNIA
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Not reported
Tons: .0000

Facility County: Los Angeles

Year: 1996
Gepaid: CAD982463895
Contact: SANWA BANK OF CALIFORNIA
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Not reported
Tons: .0000
Facility County: Los Angeles

Year: 1995
Gepaid: CAD982463895
Contact: SANWA BANK OF CALIFORNIA
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAD070148432
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .1251
Facility County: Los Angeles

Year: 1995
Gepaid: CAD982463895
Contact: SANWA BANK OF CALIFORNIA
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAD070148432
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .1251
Facility County: Los Angeles

Year: 1995
Gepaid: CAD982463895
Contact: SANWA BANK OF CALIFORNIA
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Not reported
Tons: .0000
Facility County: Los Angeles

Year: 1995
Gepaid: CAD982463895
Contact: SANWA BANK OF CALIFORNIA
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Not reported
Tons: .0000
Facility County: Los Angeles

Year: 1995
Gepaid: CAD982463895
Contact: SANWA BANK OF CALIFORNIA
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported

SECTION 2: FACILITY DETAIL REPORTS

...Continued...

TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Tons: .4378
Facility County: Los Angeles

Year: 1995
Gepaid: CAD982463895
Contact: SANWA BANK OF CALIFORNIA
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Tons: .4378
Facility County: Los Angeles

Year: 1994
Gepaid: CAD982463895
Contact: SANWA BANK OF CALIFORNIA
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAD982524613
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 1.1884
Facility County: Los Angeles

Year: 1994
Gepaid: CAD982463895
Contact: SANWA BANK OF CALIFORNIA
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAD982524613
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 1.1884
Facility County: Los Angeles

Year: 1993
Gepaid: CAD982463895
Contact: SANWA BANK OF CALIFORNIA
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAD982524613
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 1.36349999999
Facility County: Los Angeles

Year: 1993
Gepaid: CAD982463895
Contact: SANWA BANK OF CALIFORNIA
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1977 SATURN ST
Mailing City,St,Zip: MONTEREY PARK, CA 917557418
Gen County: Not reported
TSD EPA ID: CAD982524613
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: 1.36349999999
Facility County: Los Angeles

SECTION 3: DATABASES AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

DATABASES FOUND IN THIS REPORT

CA HAZNET: Facility and Manifest Data
Source: California Environmental Protection Agency
Telephone: 916-255-1136
Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2013
Database Release Frequency: Annually

Date of Last EDR Contact: 10/15/2014
Date of Next Scheduled Update: 01/26/2015

APPENDIX G

1977 Saturn Street
1977 Saturn Street
Monterey Park, CA 91755

Inquiry Number: 4140292.9
November 21, 2014

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography November 21, 2014

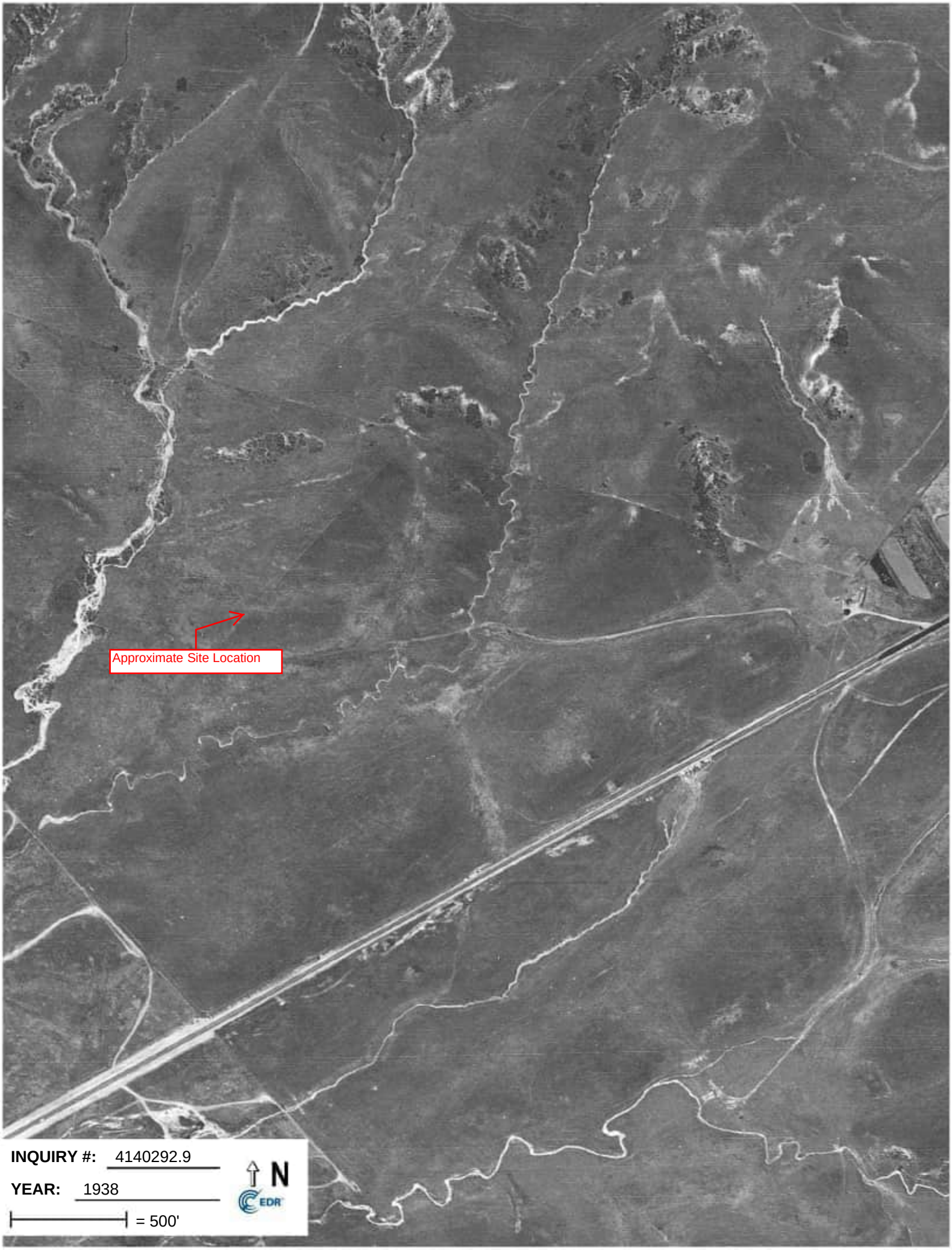
Target Property:

1977 Saturn Street

Monterey Park, CA 91755

Year	***Scale***	***Details***	***Source***
1928	Aerial Photograph. Scale: 1"=500'	Flight Year: 1928	USGS
1938	Aerial Photograph. Scale: 1"=500'	Flight Year: 1938	USGS
1948	Aerial Photograph. Scale: 1"=500'	Flight Year: 1948	USGS
1952	Aerial Photograph. Scale: 1"=500'	Flight Year: 1952	USGS
1964	Aerial Photograph. Scale: 1"=500'	Flight Year: 1964	USGS
1977	Aerial Photograph. Scale: 1"=500'	Flight Year: 1977	USGS
1979	Aerial Photograph. Scale: 1"=500'	Flight Year: 1979	USGS
1981	Aerial Photograph. Scale: 1"=500'	Flight Year: 1981	USGS
1989	Aerial Photograph. Scale: 1"=500'	Flight Year: 1989	USGS
1994	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1994	USGS/DOQQ
2002	Aerial Photograph. Scale: 1"=500'	Flight Year: 2002	USGS
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	USDA/NAIP


Approximate Site Location
INQUIRY #: 4140292.9
YEAR: 1928
= 500'
N
EDR


Approximate Site Location
INQUIRY #: 4140292.9
YEAR: 1938
= 500'
N
EDR


Approximate Site Location
INQUIRY #: 4140292.9
YEAR: 1948
= 500'
N
EDR


Approximate Site Location
INQUIRY #: 4140292.9
YEAR: 1952
= 500'
N
EDR

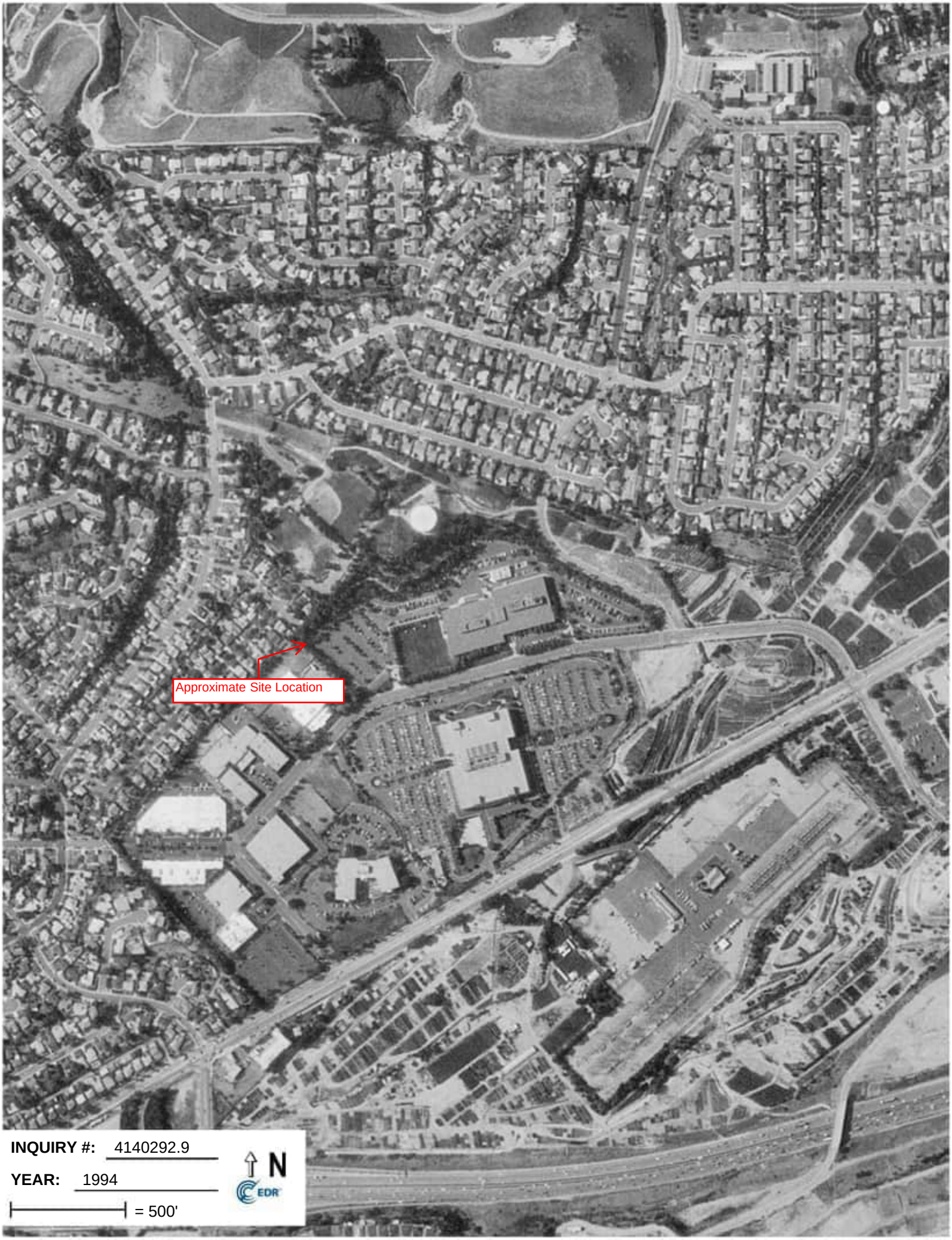

Approximate Site Location
INQUIRY #: 4140292.9
YEAR: 1964
= 500'
N
EDR


Approximate Site Location
INQUIRY #: 4140292.9
YEAR: 1977
= 500'
N
EDR

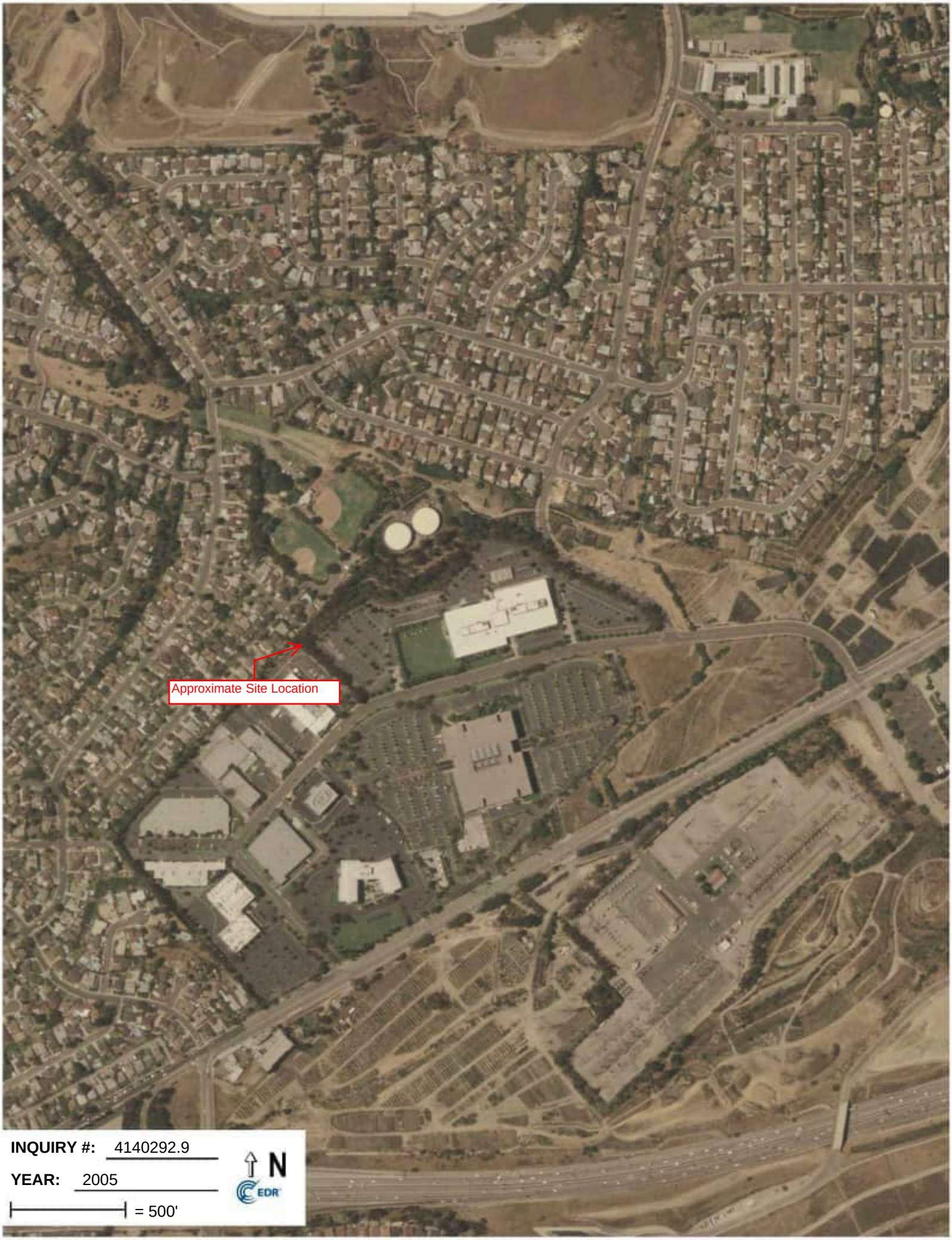

Approximate Site Location
INQUIRY #: 4140292.9
YEAR: 1979
= 500'
N
EDR


Approximate Site Location
INQUIRY #: 4140292.9
YEAR: 1981
= 500'
N
EDR

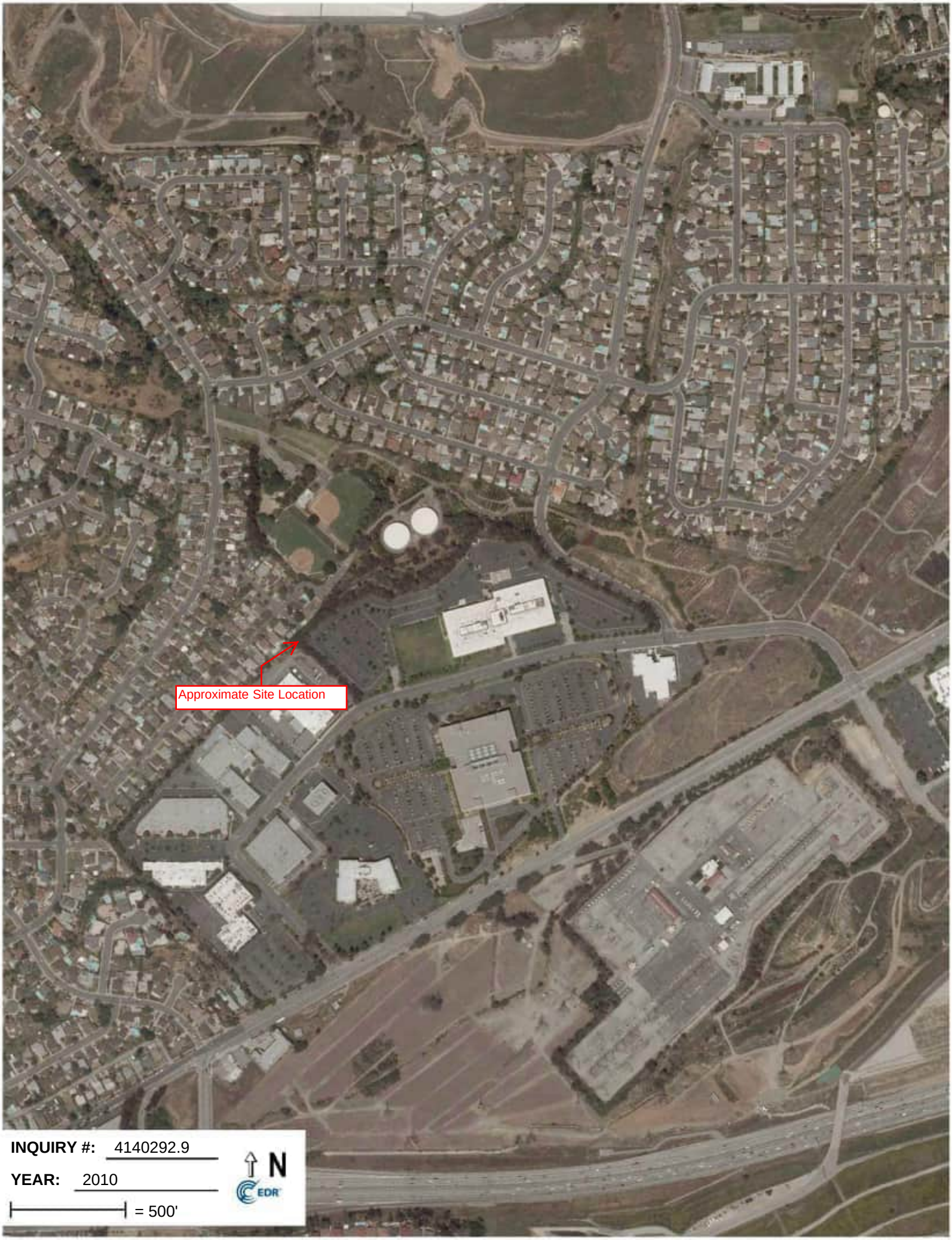

Approximate Site Location
INQUIRY #: 4140292.9
YEAR: 1989
= 500'
N
EDR

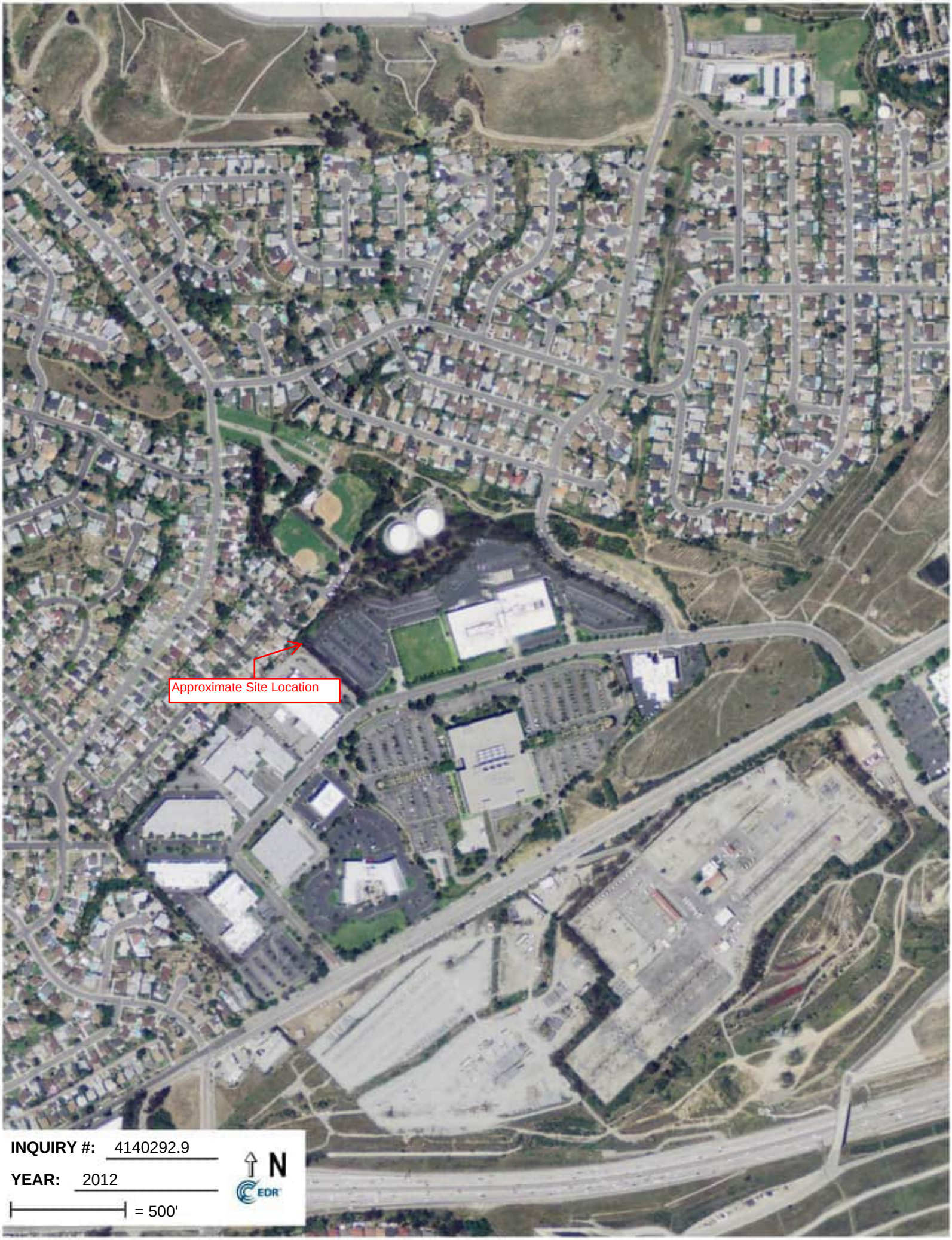

Approximate Site Location
INQUIRY #: 4140292.9
YEAR: 1994
= 500'
N
EDR


Approximate Site Location
INQUIRY #: 4140292.9
YEAR: 2002
= 500'
N
EDR


Approximate Site Location
INQUIRY #: 4140292.9
YEAR: 2005
= 500'
N
EDR


Approximate Site Location
INQUIRY #: 4140292.9
YEAR: 2009
= 500'
N
EDR


Approximate Site Location
INQUIRY #: 4140292.9
YEAR: 2010
= 500'
N
EDR


Approximate Site Location
INQUIRY #: 4140292.9
YEAR: 2012
= 500'
N
EDR

APPENDIX H

1977 Saturn Street
1977 Saturn Street
Monterey Park, CA 91755

Inquiry Number: 4140292.3
November 20, 2014

Certified Sanborn® Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

11/20/14

Site Name:
1977 Saturn Street
1977 Saturn Street
Monterey Park, CA 91755

Client Name:
Leighton Consulting
17781 Cowan
Irvine, CA 92614

EDR Inquiry # 4140292.3

Contact: Meredith Church

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Leighton Consulting were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: 1977 Saturn Street
Address: 1977 Saturn Street
City, State, Zip: Monterey Park, CA 91755
Cross Street:
P.O. # NA
Project: 603287.038
Certification # 87E2-4D64-876B

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results
Certification # 87E2-4D64-876B

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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APPENDIX I

1977 Saturn Street
1977 Saturn Street
Monterey Park, CA 91755

Inquiry Number: 4140292.5
November 21, 2014

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2013	Cole Information Services	X	X	X	-
2008	Cole Information Services	X	X	X	-
2006	Haines Company	-	X	X	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Pacific Bell Telephone	-	-	-	-
1999	Haines Company	-	X	X	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	-	-	-
1990	Pacific Bell	-	X	X	-
1986	Pacific Bell	-	-	-	-
1985	Pacific Bell	-	X	X	-
1981	Pacific Telephone	-	X	X	-
1980	Pacific Telephone	-	X	X	-
1976	Pacific Telephone	-	-	-	-
1975	Pacific Telephone	-	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	-	-	-	-
1970	Pacific Telephone	-	-	-	-
1969	Pacific Telephone	-	-	-	-
1967	Pacific Telephone	-	-	-	-
1966	Pacific Telephone	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1965	Pacific Telephone	-	-	-	-
1964	Pacific Telephone	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	X	X	-
1961	Luskey Brothers & Co	-	-	-	-
1960	General Telephone Company Publishers	-	-	-	-
1958	Pacific Telephone	-	-	-	-
1957	Pacific Telephone	-	-	-	-
1956	General Telephone Company Publishers	-	-	-	-
1955	Home Directory Service	-	-	-	-
1954	R. L. Polk & Co.	-	-	-	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Pacific Directory Co.	-	-	-	-
1950	Pacific Telephone	-	-	-	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Associated Telephone Company, Ltd.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Western Directory Co.	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	-	-	-
1940	Glendale Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Co.	-	-	-	-
1937	Los Angeles Directory Co.	-	-	-	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	-	-	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Co.	-	-	-	-
1930	Glendale Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	-	-	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Kaasen Directory Company Publishers	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	-	-	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	***Type***	***Findings***
1968 Saturn St	Client Entered	
1980 Saturn St	Client Entered	X
2001 Saturn St	Client Entered	X
2019 Saturn St	Client Entered	X
2100 Saturn St	Client Entered	X
2001 Portero Grande Drive	Client Entered	
2 Red Plum Circle	Client Entered	X
1902 Fulton Avenue	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

1977 Saturn Street
Monterey Park, CA 91755

FINDINGS DETAIL

Target Property research detail.

SATURN ST

1977 SATURN ST

Year	*Uses*	*Source*
2013	BANK OF THE WEST	Cole Information Services
2008	BANK OF THE WEST	Cole Information Services
	MARRIOTT INTERNATIONAL INC	Cole Information Services
	SODEXHO CORP	Cole Information Services

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

Fulton Avenue

1902 Fulton Avenue

Year	Uses	Source
1999	XXXX	Haines Company
1985	MONTEREY PARK SPORTS CLUB	Pacific Bell
	LA LOMA PARK	Pacific Bell
1980	LA LOMA PARK FULTON AVE MONTEREY PARK	Pacific Telephone
	SPORTS CLUB OF MONTEREY PARK FULTON AVE MONTEREY PARK	Pacific Telephone
1975	LA LOMA PARK	Pacific Telephone

RED PLUM CIR

2 RED PLUM CIR

Year	Uses	Source
2013	ROSS NAME PLATE COMPANY	Cole Information Services
	LLOYDS CAPITAL	Cole Information Services
2008	ROSS NAME PLATE CO	Cole Information Services
	LLOYDS CAPITAL INC	Cole Information Services

Red Plum Circle

2 Red Plum Circle

Year	Uses	Source
2006	LLOYDS CAPITAL	Haines Company
	LLOYDSCAPITAL	Haines Company
	ROSS NAME PLATE	Haines Company
	COMPANY	Haines Company
1995	Lloyds Capital	Pacific Bell
	Investment Management & Research Inc	Pacific Bell
	Ross Name Plate Co	Pacific Bell
	ROss OE	Pacific Bell
	Ross O MJack LH	Pacific Bell
1990	SUPERCRUISER SCOOTERS MONTEREY PARK	Pacific Bell

Year	Uses	Source
1985	ROSS NAME PLATE CO	Pacific Bell

S ORANGE AVE

1950 S ORANGE AVE

Year	Uses	Source
1981	LEE SPENSER MONTEREY PARK	Pacific Telephone

SATURN

2001 SATURN

Year	Uses	Source
1962	Laabs Clayton	Pacific Telephone

SATURN ST

1980 SATURN ST

Year	Uses	Source
2013	UNION BANK	Cole Information Services
	UNION BANK	Cole Information Services
	UNION BANK	Cole Information Services
2008	BURUD & ASSOCIATES INC	Cole Information Services
	EADS TELECOM NORTH AMERICA	Cole Information Services
	UNION BANK OF CALIFORNIA	Cole Information Services
	ARAMARK SERVICES INC	Cole Information Services
	INVESTMENT DEVELOPMENT SERVICES INC	Cole Information Services
	BURUD & ASSOCIATES INC	Cole Information Services
	EADS TELECOM NORTH AMERICA	Cole Information Services
	UNION BANK OF CALIFORNIA	Cole Information Services
	ARAMARK SERVICES INC	Cole Information Services
	INVESTMENT DEVELOPMENT SERVICES INC	Cole Information Services
	BURUD & ASSOCIATES INC	Cole Information Services
	EADS TELECOM NORTH AMERICA	Cole Information Services
	UNION BANK OF CALIFORNIA	Cole Information Services
	ARAMARK SERVICES INC	Cole Information Services
	INVESTMENT DEVELOPMENT SERVICES INC	Cole Information Services

FINDINGS

Saturn St

1980 Saturn St

Year	*Uses*	*Source*
2006	BANKONEUBOC	Haines Company
	PRIMARY	Haines Company

2001 Saturn St

Year	*Uses*	*Source*
2006	CONSTRUCTION INC	Haines Company
	MDL	Haines Company

SATURN ST

2019 SATURN ST

Year	*Uses*	*Source*
2013	FKS INTERNATIONAL INC	Cole Information Services
2008	TLC INTERNATIONAL GROUP INC	Cole Information Services
	AXT INC	Cole Information Services

Saturn St

2019 Saturn St

Year	*Uses*	*Source*
1995	MITSUMI ELECTRONICS CORP	Pacific Bell
	Mitsumi Electronics Corp	Pacific Bell
	Mitsumori Jas K	Pacific Bell
	Mitsumori John	Pacific Bell
	Mitsumori T	Pacific Bell
1985	UNITIZED COMPONENT TECHNOLOGY	Pacific Bell
	UNITTZED COMPONENT TECHNOLOGY	Pacific Bell
1980	UNITIZED COMPONENT TECHNOLOGY SATURN ST MONTEREY PARK	Pacific Telephone
	UNITTZED COMPONENT TECHNOLOGY SATURN ST MONTEREY PARK	Pacific Telephone

FINDINGS

SATURN ST

2100 SATURN ST

Year	*Uses*	*Source*
2013	CORESTONE FINANCIAL SOLUTION	Cole Information Services
	CHUI PROFESSIONAL ENGINEER	Cole Information Services
	IMG FINANCIAL SOLUTIONS	Cole Information Services
	HAKKA FOUNDATION	Cole Information Services
2008	BAZKIN INC	Cole Information Services
	SPRING EDUCATION INSTITUTE	Cole Information Services
	VINCENT CHUI CONSULTING ENGINEER INC	Cole Information Services
	ORCA ASSOCIATES INC	Cole Information Services
	HAKKA FOUNDATION	Cole Information Services
	W COLINE MANAGEMENT CO	Cole Information Services
	SEACLIFF DIAGNOSTIC MEDICAL GROUP	Cole Information Services

Saturn St

2100 Saturn St

Year	*Uses*	*Source*
2006	HAKKA	Haines Company
	FOUNDATION	Haines Company

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
1977 Saturn Street	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1902 Fulton Avenue	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1950 S ORANGE AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1968 Saturn St	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1980 SATURN ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1980 SATURN ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1980 Saturn St	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
2 RED PLUM CIR	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2 Red Plum Circle	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2001 Portero Grande Drive	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2001 SATURN	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2001 Saturn St	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2019 Saturn St	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2019 SATURN ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2100 SATURN ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2100 Saturn St	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

APPENDIX J

Pipeline and Hazardous Materials Safety Administration

NATIONAL PIPELINE MAPPING SYSTEM



Legend

- Gas Transmission Pipelines
- Hazardous Liquid Pipelines

0 1.0 Miles

Pipelines depicted on this map represent gas transmission and hazardous liquid lines only. Gas gathering and gas distribution systems are not represented.

This map should never be used as a substitute for contacting a one-call center prior to excavation activities. Please call 811 before any digging occurs.

Questions regarding this map or its contents can be directed to npms-inf@mbakercorp.com.

Projection: Geographic

Datum: NAD83

Map produced by the NPMS Public Viewer at www.npms.phmsa.dot.gov

Date Printed: Nov 20, 2014

811

NPMS

DTSC

Department of Toxic Substances Control

Miriam Barcellona Ingenito, Acting Director
5796 Corporate Avenue
Cypress, California 90630

Matthew Rodriquez
Secretary for
Environmental Protection

Edmund G. Brown Jr.
Governor

November 21, 2014

Meredith Church
LEIGHTON CONSULTING INC
17781 Cowan, #140
Irvine, CA 92614

1977 SATURN STREET, MONTEREY PARK
PR4-112014-7

Dear Ms. Church:

The Department of Toxic Substances Control has received your letter to review records under the Public Records Act.

After a thorough review of our files we have found that no such records exist at this office pertaining to the site/faciliy referenced above.

We would like to inform you about EnviroStor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accesses at: http://www.envirostor.dtsc.ca.gov/public. Also, a computer is available at each DTSC Regional File Room Office for use by community members to view EnviroStor.

If you have any questions or would like further information regarding your request, please contact me at (714) 484-5337.

Sincerely,

Julie Johnson
Julie Johnson
Regional Records Coordinator

Printed on Recycled Paper

DTSC

Department of Toxic S[illegible]s Control

Miriam Barcel[illegible]
Acting Director
9211 Oakdale Avenue
Chatsworth, California 91311

Matthew Rodriquez
Secretary for
Environmental Protection

Edmund G. Brown *Jr*
Governor

November 25, 2014

Ms. Meredith Church, PG
Senior Project Geologist
Leighton Consulting, Inc.
17781 Cowan, Suite 140
Irvine, CA 92614

VARIOUS SITES
PR3-112114-10

Dear Ms. Church:

We have received your Public Records Act Request for records from the Department of Toxic Substances Control. After a thorough review of our files we have found that no such records exist at this office pertaining to the sites/facilities referenced below.

- 1977 Saturn Street, Monterey Park, CA 91755
- 40599 150th Street East, Lake Los Angeles, Unincorporated Los Angeles County, CA 93535 (APN:3069-009-902), SW corner of 150th Street East & E Avenue N-12

We would like to inform you about Envirostor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accessed at: http://www.envirostor.dtsc.ca.gov/public. Also, a computer is available in the Central Files of each DTSC Regional Office for use by community members to view EnviroStor. If you have any questions, would like further information regarding your request or would like an appointment to visit Chatsworth Central Files, please contact me at (818) 717-6522.

Sincerely,

Glenn Castillo /bh
Regional Records Coordinator

Printed on Recycled Paper

SCAQMD

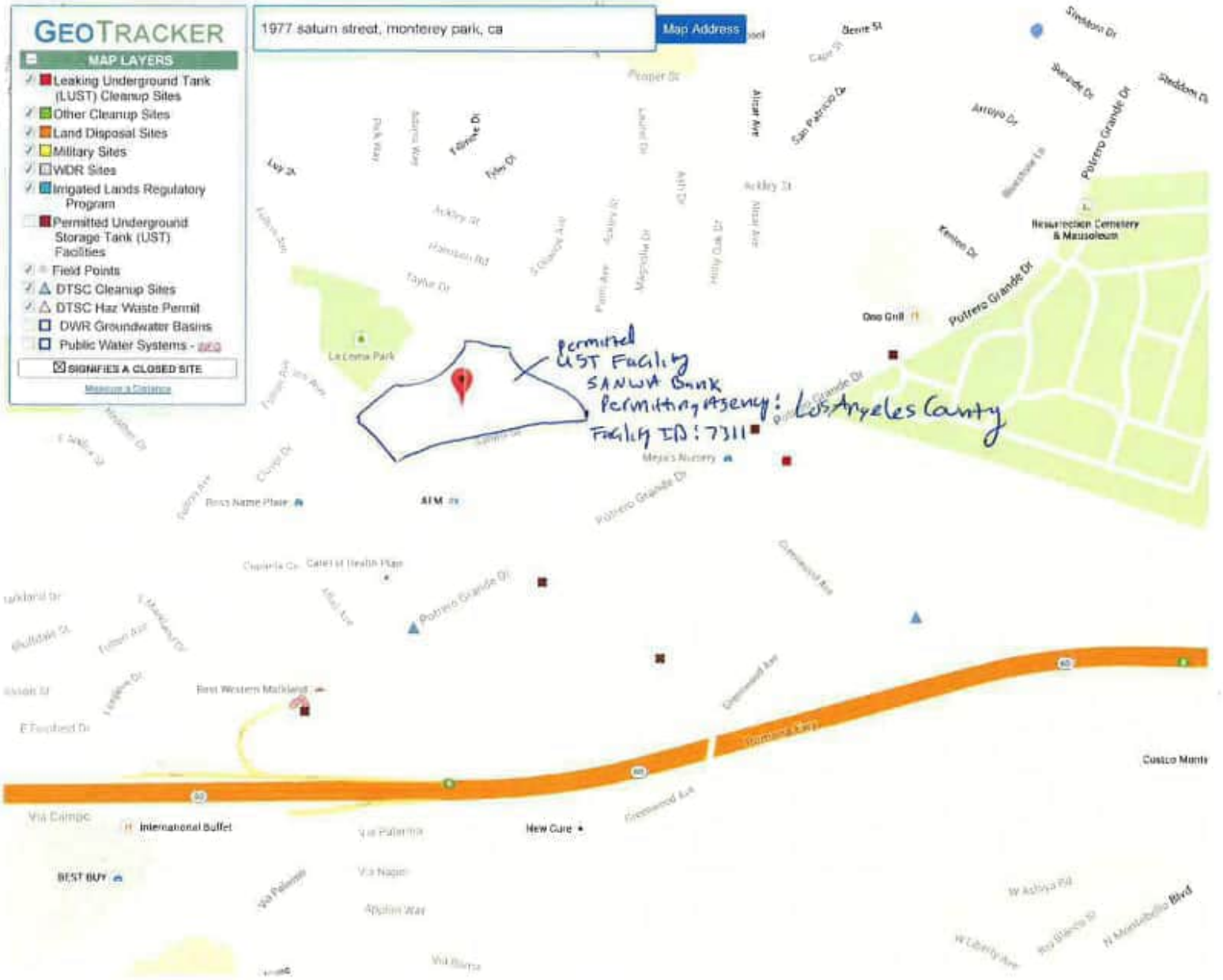
SOUTH COAST AQMD

Facility INformation Detail (FIND)

Search Again -Saturn street. No onsite Records

Facility ID	Facility Name	Facility Address	RECLAIM	Title V	Facility Status
173623	CARE 1ST HEALTH PLAN	2100 SATURN ST , MONTEREY PARK, CA 91755			ACTIVE
164774	GLOBAL PACIFIC DEVELOPMENT LLC	1938 SATURN ST , MONTEREY PARK, CA 91755			ACTIVE
108327	UNION BANK OF CALIFORNIA	1980 SATURN ST , MONTEREY PARK, CA 91755			
142080	UNION BANK OF CALIFORNIA, N.A.	2001 SATURN ST , MONTEREY PARK, CA 91755			ACTIVE

First Prev Page 1 of 1 (4 records) Next Last Page 1 Export To Excel


GEOTRACKER
MAP LAYERS
Leaking Underground Tank (LUST) Cleanup Sites
Other Cleanup Sites
Land Disposal Sites
Military Sites
WDR Sites
Irrigated Lands Regulatory Program
Permitted Underground Storage Tank (UST) Facilities
Field Points
DTSC Cleanup Sites
DTSC Haz Waste Permit
DWR Groundwater Basins
Public Water Systems - info
SIGNIFIES A CLOSED SITE
Measure a Distance
1977 saturn street, monterey park, ca
Map Address
Permitted UST Facility
SANWA Bank
Permitting Agency: Los Angeles County
Facility ID: 7311
Potrero Grande Dr
Resurrection Cemetery & Mausoleum
La Loma Park
Meya's Nursery
Best Western Markland
Costco Manfs
International Buffet
New Cure
BEST BUY
Via Campo
Via Palermo
Via Napoli
Appian Way
Via Bianca
W Ashlya Rd
N Montebello Blvd
Google
100 m
Report a map error
SITES CURRENTLY VISIBLE ON MAP

Meredith Church

To: WB-RB4-PublicRecords; Brynn McCulloch
Subject: RE: File Review Request/Tracking No 2014112011

From: Villar, Rosie@Waterboards [mailto:Rosie.Villar@waterboards.ca.gov] **On Behalf Of** WB-RB4-PublicRecords
Sent: Thursday, December 04, 2014 8:35 AM
To: Meredith Church; Brynn McCulloch
Subject: RE: File Review Request/Tracking No 2014112011

********* Please submit future file review requests to the LARWQCB via e-mail to RB4-publicrecords@waterboards.ca.gov.*********

Thank you for your request to review Regional Board records concerning the property on

1977 Saturn Street, Monterey Park, CA 91755

The Regional Board has reviewed its files and has concluded that it does not have any records that are responsive to your request.

Laura C. Gallardo
Associate Analyst
213.576.6636 (DIRECT)
213.576.6676 (FAX)

Public Records and Freedom of Information Act Rb4-Publicrecords@waterboards.ca.gov<mailto:Rb4-Publicrecords@waterboards.ca.gov>

****
This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

COUNTY OF LOS ANGELES
Public Health

CYNTHIA A. HARDING, M.P.H.
Interim Director

JEFFREY D. GUNZENHAUSER, M.D., M.P.H.
Interim Health Officer

Public Health Investigation Administration
LEOLA MERCADEL
Chief, Public Health Investigation

5555 Ferguson Drive, Suite 120-04
Commerce, California 90022
TEL (323) 890-7801 • FAX (323) 728-0217

www.publichealth.lacounty.gov

BOARD OF SUPERVISORS

Gloria Molina
First District

Mark Ridley-Thomas
Second District

Zev Yaroslavsky
Third District

Don Knabe
Fourth District

Michael D. Antonovich
Fifth District

December 05, 2014

LEIGHTON
MEREDITH CHURCH
17781 COWAN
IRVINE, CA 92614

RE: 1977 SATURN ST., MONTEREY PARK, CA 91755

I, the undersigned, being the Custodian or the Keeper of Records, certify that a thorough search for the records you requested was carried out under my direction and control.

This search revealed no records.

It should be understood that this does not mean that the records you requested do not exist. It is possible that such records may be misfiled; exist under another spelling, another name, or under another classification. However, with the information furnished to our office, and to the best of our knowledge, no records were located.

If you have any questions regarding your request, please contact our office at (323) 890-7806.

Sincerely,

Thomas Nguyen, Deputy Health Officer
Public Health Investigation

COR ID No.146787

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS (LACDPW)

Leighton Consulting, Inc.

A LEIGHTON GROUP COMPANY

November 20, 2014

Los Angeles County Department of Public Works
Environmental Programs Division
900 Fremont Ave.
Alhambra, CA
FACSIMILE: (626) 458-3569
Phone: (626) 458-3517

Subject: **File Review**

Leighton Consulting, Inc. (Leighton Consulting) is requesting information for the property located at:

- **1977 Saturn Street, Monterey Park, CA 91755**

We are requesting any information concerning hazardous waste/materials, underground storage tanks, leaking underground storage tanks cleanup, inspections, violations, or any other environmental sensitive spills, responses or concerns. Thank you for your assistance.

Sincerely
LEIGHTON CONSULTING, INC.

Meredith Church

Meredith Church
Senior Project Geologist
949-681-4208 (phone)
949-250-1114 (fax)
mchurch@leightongroup.com

Industrial Waste,
006994 – I07311 Perm- Not hazardous active
006994- 007311 Perm-
"other" double-walled USTs
11 File #'s

1) owner statements of UST operator - Bank of West, 2010
2) monitoring system certification 10/11/2010 N/S orientation
- 2 10,000-gal diesel
1 2,000-gal diesel – west side of property bldg
3 pump tanks - leaded
3) Unified Program Consolidated Form - UST monitoring Plan - 2010
4) 2013 – monitoring System Cert. (MSC)
5) UST list of ins
6) 2009 MSC
7) 2° Containment Testing 2009
8) 2007 MSC 2007
9) owners statement - 2012
10) 2° CT - 2012
11) MSC - 2011

6994 - 7311

Owner Statements of Designated Underground Storage Tank (UST) Operator and Understanding of and Compliance with UST Requirements

Facility Name: Bank of The West	Facility ID #:
Facility Address: Bank of The West 1977 Saturn St Monterey Park, Ca 91755	Reason for Submitting this Form (*Check One*) Change of Designated Operator X Update Certificate Expiration Date
Facility Phone #: 323-727-3636	

Designated UST Operator(s) for this Facility

PRIMARY

Designated Operator's Name: MARTIN SCHWARTZ	Relation to UST Facility (*Check One*)
Business Name ORANGE COUNTY TANK TESTING INC.	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone # 714-776-0300	☐ Service Technician X Third-Party
International Code Council Certification #: 5311570-UC	Expiration Date: 10/30/12

ALTERNATE 1 *(Optional)*

Designated Operator's Name: RICHARD RUSTON	Relation to UST Facility (*Check One*)
Business Name (*If different from above*): *OCTT*	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: 7140776-0300	☐ Service Technician X Third-Party
International Code Council Certification #: 5246183-UC	Expiration Date: 10/22/12

ALTERNATE 2 *(Optional)*

Designated Operator's Name: TONY JONES	Relation to UST Facility (*Check One*)
Business Name (*If different from above*): *OCTT*	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: 714-776-0300	☐ Service Technician X Third-Party
International Code Council Certification #: 5252936-UC	Expiration Date: 1-06-13

I certify that, for the facility indicated at the top of this page, the individual(s) listed above will serve as Designated UST Operator(s). The individual(s) will conduct and document monthly facility inspections and annual facility employee training, in accordance with California Code of Regulations, title 23, section 2715(c) - (f).

Furthermore, I understand and am in compliance with the requirements (statutes, regulations, and local ordinances) applicable to underground storage tanks.

NAME OF TANK OWNER (PleasePrint): ~~Bob Shaklin~~ THADD MOSSMAN

SIGNATURE OF TANK OWNER: Thadd Mossman

DATE: 11-02-10 OWNER'S PHONE #: 323 727 3017

NOTE: 1) SUBMIT THIS COMPLETED FORM TO THE LOCAL AGENCY (NOT THE STATE WATER RESOURCES CONTROL BOARD) BY JANUARY 1, 2005. THE LOCAL AGENCY LIST IS AVAILABLE AT: www.waterboards.ca.gov/ust/contacts/cupa_agys.html.

2) NOTIFY THE LOCAL AGENCY OF ANY CHANGES TO THIS INFORMATION WITHIN 30 DAYS OF THE CHANGE.

RECEIVED
FEB 03 2011
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS

November 2004

C67975

6994 - 7311

C185

Appendix VI

(Copies of Monitoring System Certification form and UST Monitoring Plot Plan available at http://www.waterboards.ca.gov.)

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: Bank Of The West Bldg. No. _____

Site Address: 1977 Saturn St. City: Monterey Park Zip: 91755

Facility Contact Person: Joe Contact Phone No.: (323) -727-3636

Make/Model of Monitoring System: VEEDER-ROOT TLS350 Date of Testing/Servicing: 10/15/2010

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: WEST DIESEL 10K	Tank ID: 2K DIESEL
☑ In-Tank Gauging Probe. Model: MAG1	☐ In-Tank Gauging Probe. Model:
☐ Annular Space or Vault Sensor. Model:	☑ Annular Space or Vault Sensor. Model: 794380-344
☑ Piping Sump / Trench Sensor(s). Model: 794380-351	☑ Piping Sump / Trench Sensor(s). Model: 794380-208
☑ Fill Sump Sensor(s). Model: 794380-208	☑ Fill Sump Sensor(s). Model: 794360-208
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
☐ Tank/Overfill / High-Level Sensor. Model:	☐ Tank/Overfill / High-Level Sensor. Model:
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID: EAST DIESEL 10K	Tank ID:
☑ In-Tank Gauging Probe. Model: MAG1	☐ In-Tank Gauging Probe. Model:
☐ Annular Space or Vault Sensor. Model:	☐ Annular Space or Vault Sensor. Model:
☑ Piping Sump / Trench Sensor(s). Model: 794380-351	☐ Piping Sump / Trench Sensor(s). Model:
☑ Fill Sump Sensor(s). Model: 794380-208	☐ Fill Sump Sensor(s). Model:
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
☐ Tank/Overfill / High-Level Sensor. Model:	☐ Tank/Overfill / High-Level Sensor. Model:
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: DAY TANK 1-3	Dispenser ID:
☑ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☑ Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	Dispenser ID:
☐ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☐ Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	Dispenser ID:
☐ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☐ Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. **Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; (check all that apply):** ☑ System set-up ☐ Alarm history report

Technician Name (print): Rich Ruston Signature: _____

Certification No: A30050 License No: 517336

Testing Company Name: Orange County Tank Testing Phone No.: (714) 778-0300

Testing Company Address: 225 N. Loara Street, Anaheim, CA 92801 Date of Testing/Servicing: 10/15/2010

967636

D. Results of Testing/Servicing

Software Version Installed: 9.0

Complete the following checklist:

☑ Yes	☐ No*	Is the audible alarm operational?
☑ Yes	☐ No*	Is the visual alarm operational?
☑ Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
☑ Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No* ☑ N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
☐ Yes	☐ No* ☑ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* ☐ Sump/Trench Sensors; ☐ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☐ Yes; ☐ No.
☐ Yes	☐ No* ☑ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? _____ %
☐ Yes*	☑ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
☐ Yes*	☑ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product; ☐ Water. If yes, describe causes in Section E, below.
☑ Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
☑ Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments:

F. In-Tank Gauging / SIR Equipment:

☐ Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☑ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☑ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☑ Yes	☐ No*	Was accuracy of system product level readings tested?
☑ Yes	☐ No*	Was accuracy of system water level readings tested?
☑ Yes	☐ No*	Were all probes reinstalled properly?
☑ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD): ☑ Check this box if LLDs are not installed.

Complete the following checklist:

☐ Yes	☐ No* ☐ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: ☐ 3 g.p.h.; ☐ 0.1 g.p.h ; ☐ 0.2 g.p.h.
☐ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☐ Yes	☐ No*	Was the testing apparatus properly calibrated?
☐ Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

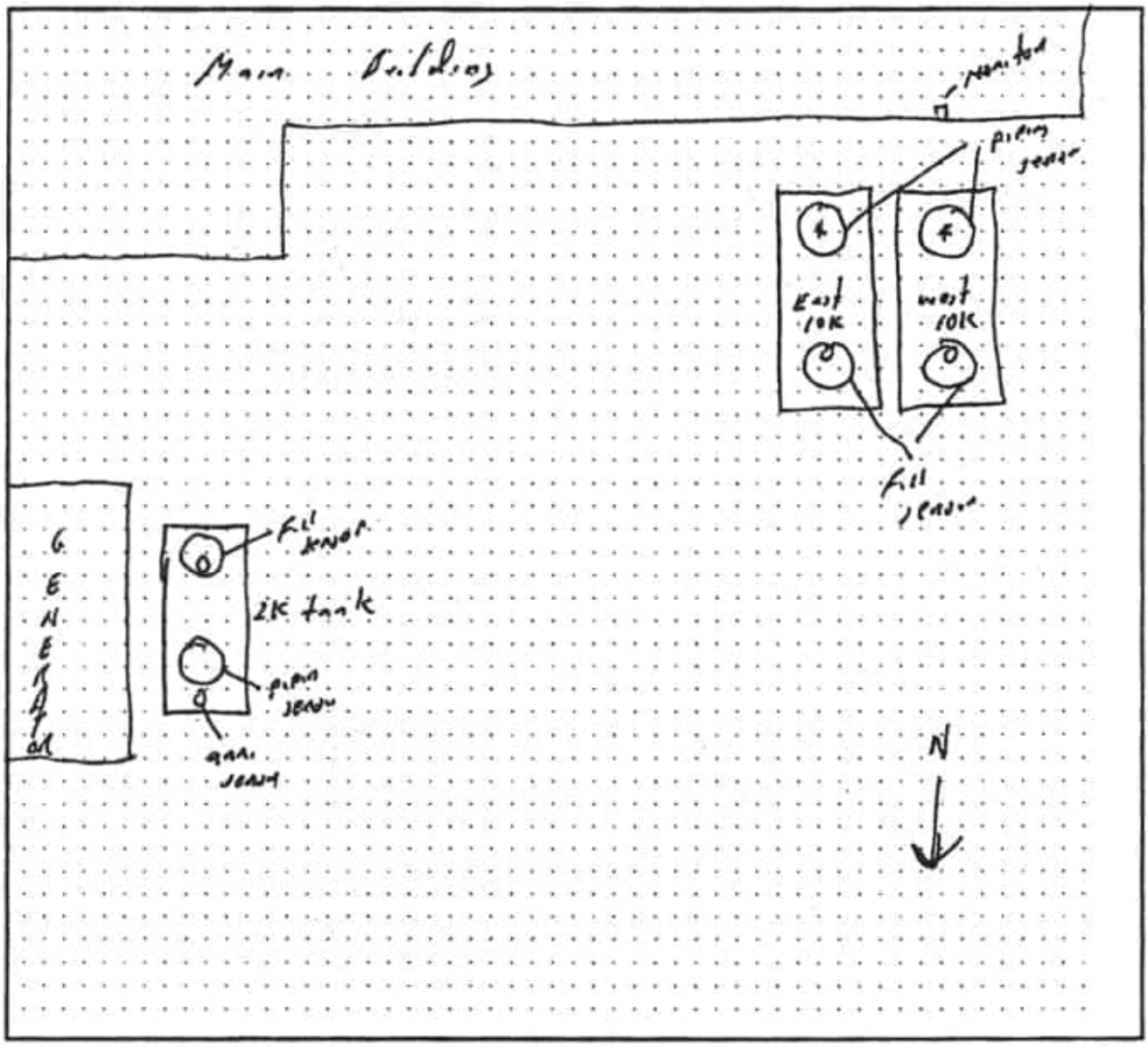
*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments:

Double wall piping Suction System.

UST Monitoring Site Plan

Site Address: 1977 Safeway



Date map was drawn: 10/24/07

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

SWRCB, January 2006

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name: Bank Of The West	Date of Testing: 10/15/2010
Facility Address: 1977 Saturn St.	
Facility Contact: Joe	Phone: 323-727-3636
Date Local Agency Was Notified of Testing:	
Name of Local Agency Inspector *(if present during testing)*: RICHARD PAYNE	

2. TESTING CONTRACTOR INFORMATION

Company Name: ORANGE COUNTY TANK TESTING
Technician Conducting Test: Rich Ruston
Credentials [1]: ☐ CSLB Contractor ☑ ICC Service Tech. ☐ SWRCB Tank Tester ☐ Other *(Specify)*
License Number(s): 517336 5246183-UT

3. SPILL BUCKET TESTING INFORMATION

Test Method Used: ☑ Hydrostatic ☐ Vacuum ☐ Other

Test Equipment Used: VISUAL — Equipment Resolution:

Identify Spill Bucket: *(By Tank Number, Stored Product, etc.)*	1 DIESEL W.	2 DIESEL E.	3 DIESEL ZK	4
Bucket Installation Type:	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☐ Contained in Sump
Bucket Diameter:	12"	12"	12"	
Bucket Depth:	15"	15"	15"	
Wait time between applying vacuum/water and start of test:	15 MIN.	15 MIN.	15 MIN.	15 MIN.
Test Start Time (T_I):	9:00A	9:00A	9:00A	
Initial Reading (R_I):	10"	9.5"	9¼"	
Test End Time (T_F):	10:00A	10:00A	10:00A	
Final Reading (R_F):	10"	9.5"	9¼"	
Test Duration ($T_F - T_I$):	1HR	1HR	1HR	
Change in Reading ($R_F - R_I$):	-.00	-.00	-.00	
Pass/Fail Threshold or Criteria:	±.00	±.00	±.00	

Comments - *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature: _____ Date: 10/15/10

[1] State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirement may be more stringent.

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
MONITORING PLAN – (Page 1 of 2)

006494-607311
CONR 694113 / LTMP
6/4/13

TYPE OF ACTION ☒ 1. NEW PLAN ☐ 2. CHANGE OF INFORMATION 490-1

PLAN TYPE (Check one item only) ☐ 1. MONITORING IS IDENTICAL FOR ALL USTs AT THIS FACILITY. 490-2
☒ 2. THIS PLAN COVERS ONLY THE FOLLOWING UST SYSTEM(S): 2,000 UST

I. FACILITY INFORMATION

FACILITY ID # (*Agency Use Only*) | | | — | | | | — | | | | | | | 1

BUSINESS NAME (Same as FACILITY NAME) BANK OF THE WEST 3

BUSINESS SITE ADDRESS 1977 SATURN AVE 103 | CITY MONTEREY PARK 104

II. EQUIPMENT TESTING AND PREVENTIVE MAINTENANCE

Testing, preventive maintenance, and calibration of monitoring equipment (e.g., sensors, probes, line leak detectors, etc.) must be performed at the frequency specified by the equipment manufacturers' instructions, or annually, whichever is more frequent, and that such work must be performed by qualified personnel. (23 CCR §2632, 2634, 2638, 2641)

MONITORING EQUIPMENT IS SERVICED ☒ 1. ANNUALLY ☐ 99. OTHER (Specify): 490-3a 490-3b

III. MONITORING LOCATIONS

☐ 1. NEW SITE PLOT PLAN/MAP SUBMITTED WITH THIS PLAN. ☒ 2. SITE PLOT PLAN/MAP PREVIOUSLY SUBMITTED. (23 CCR §2632, 2634) 490-4

IV. TANK MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S):

☒ 1. CONTINUOUS ELECTRONIC TANK MONITORING OF ANNULAR (INTERSTITIAL) SPACE(S) OR SECONDARY CONTAINMENT VAULT(S) WITH AUDIBLE AND VISUAL ALARMS. (23 CCR §2632, 2634) 490-5

SECONDARY CONTAINMENT IS: ☒ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. UNDER VACUUM 490-6

PANEL MANUFACTURER: **VEEDRROOT** 490-7 | MODEL #: **TLS350** 490-8

LEAK SENSOR MANUFACTURER: **V/R** 490-9 | MODEL #(S): **794380-344** 490-10

☐ 2. AUTOMATIC TANK GAUGING (ATG) SYSTEM USED TO MONITOR SINGLE WALL TANK(S). (23 CCR §2643) 490-11

PANEL MANUFACTURER: 490-12 | MODEL #: 490-13

IN-TANK PROBE MANUFACTURER: 490-14 | MODEL #(S): 490-15

LEAK TEST FREQUENCY: ☐ a. CONTINUOUS ☐ b. DAILY/NIGHTLY ☐ c. WEEKLY 490-16
☐ d. MONTHLY ☐ e. OTHER (Specify): _____ 490-17

PROGRAMMED TESTS: ☐ a. 0.1 g.p.h. ☐ b. 0.2 g.p.h. ☐ c. OTHER (Specify): _____ 490-18 490-19

☐ 3. MONTHLY STATISTICAL INVENTORY RECONCILIATION (23 CCR §2646.1): 490-20

☐ 4. WEEKLY MANUAL TANK GAUGING (MTG) (23 CCR §2645). TESTING PERIOD: ☐ a. 36 HOURS ☐ b. 60 HOURS 490-21 490-22

☐ 5. TANK INTEGRITY TESTING (23 CCR §2643.1): 490-23
TEST FREQUENCY: ☐ a. ANNUALLY ☐ b. BIENNIALLY ☐ c. OTHER (Specify): 490-24 490-25

☐ 99. OTHER (Specify): 490-26 490-27

V. PIPE MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S) (Check all that apply)

☒ 1. CONTINUOUS MONITORING OF PIPE/ PIPING SUMP(S) AND OTHER SECONDARY CONTAINMENT WITH AUDIBLE AND VISUAL ALARMS. (23 CCR §2636) 490-28

SECONDARY CONTAINMENT IS: ☒ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. UNDER VACUUM 490-29

PANEL MANUFACTURER: **VEEDERROOT** 490-30 | MODEL #: **TLS350** 490-31

LEAK SENSOR MANUFACTURER: **V/R** 490-32 | MODEL #(S): **794380-208** 490-33

PIPING LEAK ALARM TRIGGERS AUTOMATIC PUMP (i.e., TURBINE) SHUTDOWN. ☐ a. YES ☐ b. NO 490-34

FAILURE/DISCONNECTION OF THE MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☐ a. YES ☐ b. NO 490-35

☐ 2. MECHANICAL LINE LEAK DETECTOR (MLLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS AND RESTRICTS OR SHUTS OFF PRODUCT FLOW WHEN A LEAK IS DETECTED (23 CCR §2636) 490-36

MLLD MANUFACTURER(S): 490-37 | MODEL #(S): 490-38

☐ 3. ELECTRONIC LINE LEAK DETECTOR (ELLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS (23 CCR §2636) 490-39

ELLD MANUFACTURER(S) 490-40 | MODEL #(S): 490-41

PROGRAMMED IN LINE LEAK TEST: ☐ 1. MINIMUM MONTHLY 0.2 g.p.h. ☐ 2. MINIMUM ANNUAL 0.1 g.p.h. 490-42

ELLD DETECTION OF A PIPING LEAK TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☐ a. YES ☐ b. NO 490-43

ELLD FAILURE/DISCONNECTION TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☐ a. YES ☐ b. NO 490-44

☐ 4. PIPE INTEGRITY TESTING 490-45
TEST FREQUENCY ☐ a. ANNUALLY ☐ b. EVERY 3 YEARS ☐ c. OTHER (Specify) 490-46 490-47

☐ 5. VISUAL PIPE MONITORING. 490-48
FREQUENCY ☐ a. DAILY ☐ b. WEEKLY ☐ c. MIN. MONTHLY & EACH TIME SYSTEM OPERATED* 490-49
* Allowed for monitoring of unburied emergency generator fuel piping only per HSC §25281.5(b)(3)

☒ 6. SUCTION PIPING MEETS EXEMPTION CRITERIA [23 CCR §2636(a)(3)]. 490-50

☐ 7. NO REGULATED PIPING PER HEALTH AND SAFETY CODE, DIVISION 20, CHAPTER 6.7 IS CONNECTED TO THE TANK SYSTEM 490-51

☐ 99. OTHER (Specify) 490-52 490-53

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
MONITORING PLAN (Page 2 of 2)

VI. UNDER DISPENSER CONTAINMENT (UDC) MONITORING

1. UDC MONITORING IS PERFORMED USING THE FOLLOWING METHOD 490-54a 490-54b

☐ 1. CONTINUOUS ELECTRONIC MONITORING ☐ 2. FLOAT AND CHAIN ASSEMBLY ☐ 3. ELECTRONIC STAND-ALONE

☒ 4. NO DISPENSERS ☐ 99. OTHER (Specify):

PANEL MANUFACTURER: 490-55 | MODEL #: 490-56

LEAK SENSOR MANUFACTURER: 490-57 | MODEL #(S): 490-58

DETECTION OF A LEAK INTO THE UDC TRIGGERS AUDIBLE AND VISUAL ALARMS	☐ a. YES	☐ b. NO	490-59
UDC LEAK ALARM TRIGGERS AUTOMATIC PUMP SHUTDOWN	☐ a. YES	☐ b. NO	490-60
FAILURE / DISCONNECTION OF UDC MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN.	☐ a. YES	☐ b. NO	490-61
UDC MONITORING STOPS THE FLOW OF PRODUCT AT THE DISPENSER.	☐ a. YES	☐ b. NO	490-62

2. UDC CONSTRUCTION IS ☐ 1. SINGLE-WALLED ☐ 2. DOUBLE-WALLED 490-63

IF DOUBLE WALLED: 490-64a
UDC INTERSTITIAL SPACE IS MONITORED BY: ☐ 1. LIQUID ☐ 2. PRESSURE ☐ 3. VACUUM

A LEAK WITHIN THE SECONDARY CONTAINMENT OF THE UDC TRIGGERS AUDIBLE AND VISUAL ALARMS ☐ a. YES ☐ b. NO 490-64b

VII. PERIODIC SYSTEM TESTING

☐ 1. **ELD TESTING**: THIS FACILITY HAS BEEN NOTIFIED BY THE STATE WATER RESOURCES CONTROL BOARD THAT ENHANCED LEAK DETECTION (ELD) MUST BE PERFORMED. PERIODIC ELD IS PERFORMED EVERY 36 MONTHS AS REQUIRED. (23 CCR §2644.1) 490-65

☒ 2. **SECONDARY CONTAINMENT COMPONENTS ARE TESTED EVERY 36 MONTHS.** 490-66

☒ 3. **SPILL BUCKETS ARE TESTED ANNUALLY.** 490-67

VIII. RECORDKEEPING

The following monitoring/maintenance records are kept for this facility:

☒ Alarm logs 490-68a ☐ Visual Inspection Records 490-68b ☒ Tank integrity testing results 490-68c
☐ SIR testing results (and supporting documentation records). 490-68d ☒ Tank gauging results (and supporting documentation records). 490-68e
☒ ATG Testing results (and supporting documentation records). 490-68f ☐ Corrosion Protection 60-day logs 490-68g
☒ Equipment maintenance and calibration records. 490-68h

IX. TRAINING

☒ Personnel with UST monitoring responsibilities are familiar with all of the following documents relevant to their job duties. 490-69a

REFERENCE DOCUMENTS MAINTAINED AT FACILITY (Check all that apply)

☒ THIS UNDERGROUND STORAGE TANK MONITORING PLAN (Required) 490-69b
☒ OPERATING MANUALS FOR ELECTRONIC MONITORING EQUIPMENT (Required) 490-69c
☐ CALIFORNIA UNDERGROUND STORAGE TANK REGULATIONS 490-69d
☐ CALIFORNIA UNDERGROUND STORAGE TANK LAW 490-69e
☐ STATE WATER RESOURCES CONTROL BOARD (SWRCB) PUBLICATION: "HANDBOOK FOR TANK OWNERS - MANUAL AND STATISTICAL INVENTORY RECONCILIATION" 490-69f
☐ SWRCB PUBLICATION: "UNDERSTANDING AUTOMATIC TANK GAUGING SYSTEMS" 490-69g
☐ OTHER (Specify): M69h, M69i

☒ This facility has a "Designated UST Operator" who has passed the California UST System Operator Exam administered by the International Code Council (ICC). The "Designated UST Operator" will train facility employees in the proper operation and maintenance of the UST systems annually, and within 30 days of hire. This training will include, but is not limited to, the following:

- Operation of the UST systems in a manner consistent with the facility's best management practices
- The facility employee's role with regard to the monitoring equipment as specified in this UST Monitoring Plan
- The facility employee's role with regard to spills and overfills as specified in the UST Response Plan
- Names of contact person(s) for emergencies and monitoring alarms. 490-70

X. COMMENTS/ADDITIONAL INFORMATION

Provide additional comments here or indicate how many pages with additional information on specific monitoring procedures are attached to this plan. 490-71

MONITOR RESPONSE PLANS LOCATED AT VEEDERROOT TLS350

XI. PERSONNEL RESPONSIBILITIES

The UST Owner/Operator is responsible for ensuring that: 1) the daily/routine UST monitoring activities and maintenance of UST leak detection equipment covered by this plan occurs, 2) all conditions that indicate a possible release are investigated, and 3) all monitoring records are maintained properly.
The following person(s) are responsible for performing the monitoring and equipment maintenance:

NAME JOE ROBELO 490-73 490-72 TITLE CHIEF ENGINEER

NAME LUIS FAVELA 490-75 490-74 TITLE

The Designated Operator shall perform a monthly visual inspection of the facility, provide a report to the owner/operator, and inform the owner/operator of any conditions that need follow-up action.

XII. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

APPLICANT SIGNATURE 490-76: x Trinidad Mossman
DATE: 490-77: x 12-23-10

REPRESENTING: ☐ 1. Tank Owner/Operator ☐ 2. Facility Owner/Operator ☒ 3. Authorized Representative of Owner

APPLICANT NAME (print) 490-78: x TRINIDAD MOSSMAN
APPLICANT TITLE 490-79: x AVP, FACILITIES MGR

(Agency Use Only) This plan has been reviewed and: ☐ Approved ☐ Approved With Conditions

Local Agency Signature: _____ Date: _____
Comments or Special Conditions:

UST Monitoring Plan – Page 2 Instructions

Complete a separate UST Monitoring Plan for each UST monitoring system at the facility. This form must be submitted with your initial UST Operating Permit Application and within 30 days of changes in the information it contains. Please note that your local agency may require you to obtain approval prior to installing or modifying monitoring equipment. (Note: Numbering of these instructions follows the data element numbers on the form.)

490-54a. MONITORING OF THE UNDER DISPENSER CONTAINMENT- Indicate the method used for UDC monitoring.
490-54b. SPECIFY-If 99 "Other" is checked, describe other method used.
If VI-1-1, VI-1-2 or VI-1-3 or VI-1-99 is checked, complete 490-55 to 490-64b.
490-55. PANEL MANUFACTURER –Enter the name of the manufacturer of the monitoring system control panel (console). If there is no control panel (e.g., only an electrical relay box is installed) leave this space blank.
490-56. MODEL # - Enter the model number for the monitoring system control panel (console). If there is no control panel (e.g., only an electrical relay box is installed) leave this
space blank.
490-57. LEAK SENSOR MANUFACTURER – Enter the name of the manufacturer of the sensor(s).
490-58. MODEL #(S) – Enter the model number of the sensor(s) installed. If additional space is needed, use Section X.
490-59. DETECTION OF A LEAK INTO THE UDC TRIGGERS AUDIBLE AND VISUAL ALARMS. Indicate Yes or No
490-60. UDC LEAK ALARM TRIGGERS PUMP SHUTDOWN - Indicate Yes or No
490-61. FAILURE/DISCONNECTION OF UDC MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN - Indicate Yes or No
490-62. UDC MONITORING STOPS THE FLOW OF PRODUCT AT THE DISPENSER - Indicate Yes or No.
490-63. UDC CONSTRUCTION - Indicate if the construction of the UDC is single-walled, or double-walled.
490-64a. DOUBLE-WALLED INTERSTITIAL SPACE MONITORING - Indicate what is used to monitor the interstitial space.
490-64b. LEAK WITHIN THE SECONDARY CONTAIMENT OF UDC TRIGGERS AUDIBLE AND VISUAL ALARMS - Indicate Yes or No
490-65. VII-1 ELD TESTING - Check the box if you have been notified by the State Water Resources Control Board (SWRCB) that the UST(s) covered by this plan is/are subject to Enhanced Leak Detection Requirements (i.e., UST has any single-wall component and is located within 1,000 feet of a public drinking water well).
490-66. TESTING OF SECONDARY CONTAINMENT COMPONENTS EVERY 36 MONTHS - Check the box if you have secondary containment that requires testing.
190-67. SPILL BUCKET TESTING - Check the box if you have spill buckets.
490-68a-h. VIII RECORDKEEPING -Indicate which monitoring and equipment maintenance records are maintained for this facility.
490-69a IX TRAINING STATEMENT - Check the box to verify that the statement is true.
REFERENCE DOCUMENTS MAINTAINED AT FACILITY – Check the appropriate boxes to describe reference documents maintained at the facility. Note that the first two items on the list must be kept at the facility.
490-69b. MONITORING PLAN: Indicate that this plan is kept as a reference document.
490-69c. OPERATING MANUALS FOR ELECTRONIC EQUIPMENT: Indicate that this plan is kept as a reference document.
490-69d. CA UST REGULATIONS - Indicate that this is kept as a reference document.
490-69e. CA UST LAW - Indicate that this is kept as a reference document.
490-69f. STATE WATER RESOURCES CONTROL BOARD (SWRCB) PUBLICATION - "HANDBOOK FOR TANK OWNERS - MANUAL AND STATISTICAL INVENTORY RECONCILIATION - Indicate that this is kept as a reference document.
490-69g. SWRCB PUBLICATION: "UNDERSTANDING AUTOMATIC TANK GAUGING SYSTEMS": Indicate that this is kept as a reference document.
490-69h. OTHER - Indicate that other reference documents are kept.
490-69i. SPECIFY-If "OTHER" is checked, enter a brief description of the other document(s) maintained at the facility. If additional space is needed, see Section X.
490-70. DESIGNATED OPERATOR TRAINING - Check this box to verify that this statement is true.
490-71. COMMENTS/ADDITIONAL INFORMATION – Make additional comments or you may attach and identify the number of additional pages of information to describe any additional UST system monitoring-related information (e.g., additional information required by your local agency). Attach any monitoring logs that you will be using for the monitoring of your tank system.
490-72. NAME – Enter the name of the person who routinely conducts the monitoring and equipment maintenance under this plan.
490-73. TITLE - Enter the title of the person.
490-74. NAME – Enter the name of the second person, if applicable, who routinely conducts the monitoring and equipment maintenance under this plan.
490-75. TITLE - Enter the title of the second person.
OWNER/OPERATOR SIGNATURE – The tank owner/operator, facility owner/operator, or an authorized representative of the owner shall sign in the space provided. This signature certifies that the signer believes that all information submitted is true, accurate, and complete, and that the training program specified in Section IX has been implemented.
490-76. REPRESENTING – Check the appropriate box to indicate whether the signer is the UST owner/operator, the UST facility owner/operator, or an authorized representative of the owner.
490-77. DATE – Enter the date the plan was signed.
490-78. APPLICANT NAME – Print or type the name of the person signing the plan.
490-79. APPLICANT TITLE – Enter the title of the person signing the plan.

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
MONITORING PLAN – (Page 1 of 2)

TYPE OF ACTION ☒ 1. NEW PLAN ☐ 2. CHANGE OF INFORMATION 490-1

PLAN TYPE (Check one item only) ☐ 1. MONITORING IS IDENTICAL FOR ALL USTs AT THIS FACILITY. 490-2
☒ 2. THIS PLAN COVERS ONLY THE FOLLOWING UST SYSTEM(S): 10,000 UST

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)* 1

BUSINESS NAME (Same as FACILITY NAME) BANK OF THE WEST 3

BUSINESS SITE ADDRESS 1977 SATURN AVE 103. | CITY MONTEREY PARK 104.

II. EQUIPMENT TESTING AND PREVENTIVE MAINTENANCE

Testing, preventive maintenance, and calibration of monitoring equipment (e.g., sensors, probes, line leak detectors, etc.) must be performed at the frequency specified by the equipment manufacturers' instructions, or annually, whichever is more frequent, and that such work must be performed by qualified personnel. (23 CCR §2632, 2634, 2638, 2641)

MONITORING EQUIPMENT IS SERVICED ☒ 1. ANNUALLY ☐ 99. OTHER (Specify): 490-3a 490-3b

III. MONITORING LOCATIONS

☐ **1. NEW SITE PLOT PLAN/MAP SUBMITTED WITH THIS PLAN.** ☒ **2. SITE PLOT PLAN/MAP PREVIOUSLY SUBMITTED. (23 CCR §2632, 2634)** 490-4

IV. TANK MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S):

☐ **1. CONTINUOUS ELECTRONIC TANK MONITORING OF ANNULAR (INTERSTITIAL) SPACE(S) OR SECONDARY CONTAINMENT VAULT(S) WITH AUDIBLE AND VISUAL ALARMS. (23 CCR §2632, 2634)** 490-5

SECONDARY CONTAINMENT IS: ☐ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. UNDER VACUUM 490-6

PANEL MANUFACTURER: 490-7 | MODEL #: 490-8

LEAK SENSOR MANUFACTURER: 490-9 | MODEL #(S): 490-10

☒ **2. AUTOMATIC TANK GAUGING (ATG) SYSTEM USED TO MONITOR SINGLE WALL TANK(S). (23 CCR §2643)** 490-11

PANEL MANUFACTURER: **VEEDERROOT** 490-12 | MODEL #: **TLS350** 490-13

IN-TANK PROBE MANUFACTURER: **V/R** 490-14 | MODEL #(S): **MAG 1** 490-15

LEAK TEST FREQUENCY: ☐ a. CONTINUOUS ☐ b. DAILY/NIGHTLY ☐ c. WEEKLY 490-16
☒ d. MONTHLY ☐ e. OTHER (Specify): 490-17

PROGRAMMED TESTS: ☐ a. 0.1 g.p.h. ☒ b. 0.2 g.p.h. ☐ c. OTHER (Specify): 490-18 490-19

☐ **3. MONTHLY STATISTICAL INVENTORY RECONCILIATION (23 CCR §2646.1):** 490-20

☐ **4. WEEKLY MANUAL TANK GAUGING (MTG) (23 CCR §2645).** TESTING PERIOD: ☐ a. 36 HOURS ☐ b. 60 HOURS 490-21 490-22

☐ **5. TANK INTEGRITY TESTING (23 CCR §2643.1):** 490-23
TEST FREQUENCY: ☐ a. ANNUALLY ☐ b. BIENNIALLY ☐ c. OTHER (Specify): 490-24 490-25

☐ 99. **OTHER** (Specify): 490-26 490-27

V. PIPE MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S) (Check all that apply)

☒ **1. CONTINUOUS MONITORING OF PIPE/ PIPING SUMP(S) AND OTHER SECONDARY CONTAINMENT WITH AUDIBLE AND VISUAL ALARMS. (23 CCR §2636)** 490-28

SECONDARY CONTAINMENT IS: ☒ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. UNDER VACUUM 490-29

PANEL MANUFACTURER: **VEEDERROOT** 490-30 | MODEL #: **TLS350** 490-31

LEAK SENSOR MANUFACTURER: **V/R** 490-32 | MODEL #(S): **794380-351** 490-33

PIPING LEAK ALARM TRIGGERS AUTOMATIC PUMP (i.e., TURBINE) SHUTDOWN. ☐ a. YES ☐ b. NO 490-34

FAILURE/DISCONNECTION OF THE MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☐ a. YES ☐ b. NO 490-35

☐ **2. MECHANICAL LINE LEAK DETECTOR (MLLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS AND RESTRICTS OR SHUTS OFF PRODUCT FLOW WHEN A LEAK IS DETECTED (23 CCR §2636)** 490-36

MLLD MANUFACTURER(S): 490-37 | MODEL #(S): 490-38

☐ **3. ELECTRONIC LINE LEAK DETECTOR (ELLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS (23 CCR §2636)** 490-39

ELLD MANUFACTURER(S) 490-40 | MODEL #(S): 490-41

PROGRAMMED IN LINE LEAK TEST: ☐ 1. MINIMUM MONTHLY 0.2 g.p.h. ☐ 2. MINIMUM ANNUAL 0.1 g.p.h. 490-42

ELLD DETECTION OF A PIPING LEAK TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☐ a. YES ☐ b. NO 490-43

ELLD FAILURE/DISCONNECTION TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☐ a. YES ☐ b. NO 490-44

☐ **4. PIPE INTEGRITY TESTING** 490-45
TEST FREQUENCY ☐ a. ANNUALLY ☐ b. EVERY 3 YEARS ☐ c. OTHER (Specify) 490-46 490-47

☐ **5. VISUAL PIPE MONITORING.** 490-48
FREQUENCY ☐ a. DAILY ☐ b. WEEKLY ☐ c. MIN. MONTHLY & EACH TIME SYSTEM OPERATED* 490-49
* Allowed for monitoring of unburied emergency generator fuel piping only per HSC §25281.5(b)(3)

☒ **6. SUCTION PIPING MEETS EXEMPTION CRITERIA [23 CCR §2636(a)(3)].** 490-50

☐ **7. NO REGULATED PIPING PER HEALTH AND SAFETY CODE, DIVISION 20, CHAPTER 6.7 IS CONNECTED TO THE TANK SYSTEM** 490-51

☐ 99. **OTHER** (Specify) 490-52 490-53

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
MONITORING PLAN (Page 2 of 2)

VI. UNDER DISPENSER CONTAINMENT (UDC) MONITORING

1. UDC MONITORING IS PERFORMED USING THE FOLLOWING METHOD 490-54a 490-54b

☐ 1. CONTINUOUS ELECTRONIC MONITORING ☐ 2. FLOAT AND CHAIN ASSEMBLY ☐ 3. ELECTRONIC STAND-ALONE
☒ 4. NO DISPENSERS ☐ 99. OTHER (Specify):

PANEL MANUFACTURER:	490-55	MODEL #:	490-56
LEAK SENSOR MANUFACTURER:	490-57	MODEL #(S):	490-58

DETECTION OF A LEAK INTO THE UDC TRIGGERS AUDIBLE AND VISUAL ALARMS	☐ a. YES	☐ b. NO	490-59
UDC LEAK ALARM TRIGGERS AUTOMATIC PUMP SHUTDOWN	☐ a. YES	☐ b. NO	490-60
FAILURE / DISCONNECTION OF UDC MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN.	☐ a. YES	☐ b. NO	490-61
UDC MONITORING STOPS THE FLOW OF PRODUCT AT THE DISPENSER.	☐ a. YES	☐ b. NO	490-62

2. UDC CONSTRUCTION IS ☐ 1. SINGLE-WALLED ☐ 2. DOUBLE-WALLED 490-63

IF DOUBLE WALLED: 490-64a
UDC INTERSTITIAL SPACE IS MONITORED BY: ☐ 1. LIQUID ☐ 2. PRESSURE ☐ 3. VACUUM

A LEAK WITHIN THE SECONDARY CONTAINMENT OF THE UDC TRIGGERS AUDIBLE AND VISUAL ALARMS ☐ a. YES ☐ b. NO 490-64b

VII. PERIODIC SYSTEM TESTING

☐ 1. **ELD TESTING**: THIS FACILITY HAS BEEN NOTIFIED BY THE STATE WATER RESOURCES CONTROL BOARD THAT ENHANCED LEAK DETECTION (ELD) MUST BE PERFORMED. PERIODIC ELD IS PERFORMED EVERY 36 MONTHS AS REQUIRED. (23 CCR §2644.1) 490-65

☒ 2. **SECONDARY CONTAINMENT COMPONENTS ARE TESTED EVERY 36 MONTHS.** 490-66

☒ 3. **SPILL BUCKETS ARE TESTED ANNUALLY.** 490-67

VIII. RECORDKEEPING

The following monitoring/maintenance records are kept for this facility:
☒ Alarm logs 490-68a ☐ Visual Inspection Records 490-68b ☒ Tank integrity testing results 490-68c
☐ SIR testing results (and supporting documentation records). 490-68d ☒ Tank gauging results (and supporting documentation records). 490-68e
☒ ATG Testing results (and supporting documentation records). 490-68f ☐ Corrosion Protection 60-day logs 490-68g
☒ Equipment maintenance and calibration records. 490-68h

IX. TRAINING

☒ Personnel with UST monitoring responsibilities are familiar with all of the following documents relevant to their job duties. 490-69a

REFERENCE DOCUMENTS MAINTAINED AT FACILITY (Check all that apply)
- ☒ THIS UNDERGROUND STORAGE TANK MONITORING PLAN (Required) 490-69b
- ☒ OPERATING MANUALS FOR ELECTRONIC MONITORING EQUIPMENT (Required) 490-69c
- ☐ CALIFORNIA UNDERGROUND STORAGE TANK REGULATIONS 490-69d
- ☐ CALIFORNIA UNDERGROUND STORAGE TANK LAW 490-69e
- ☐ STATE WATER RESOURCES CONTROL BOARD (SWRCB) PUBLICATION: "HANDBOOK FOR TANK OWNERS - MANUAL AND STATISTICAL INVENTORY RECONCILIATION" 490-69f
- ☐ SWRCB PUBLICATION: "UNDERSTANDING AUTOMATIC TANK GAUGING SYSTEMS" 490-69g
- ☐ OTHER (Specify): M69h, M69i

☒ This facility has a "Designated UST Operator" who has passed the California UST System Operator Exam administered by the International Code Council (ICC). The "Designated UST Operator" will train facility employees in the proper operation and maintenance of the UST systems annually, and within 30 days of hire. This training will include, but is not limited to, the following:
- Operation of the UST systems in a manner consistent with the facility's best management practices
- The facility employee's role with regard to the monitoring equipment as specified in this UST Monitoring Plan
- The facility employee's role with regard to spills and overfills as specified in the UST Response Plan
- Names of contact person(s) for emergencies and monitoring alarms. 490-70

X. COMMENTS/ADDITIONAL INFORMATION

Provide additional comments here or indicate how many pages with additional information on specific monitoring procedures are attached to this plan. 490-71
MONITOR RESPONSE PLANS LOCATED AT VEEDERROOT TLS350

XI. PERSONNEL RESPONSIBILITIES

The UST Owner/Operator is responsible for ensuring that: 1) the daily/routine UST monitoring activities and maintenance of UST leak detection equipment covered by this plan occurs, 2) all conditions that indicate a possible release are investigated, and 3) all monitoring records are maintained properly.
The following person(s) are responsible for performing the monitoring and equipment maintenance:

NAME JOE ROBELO 490-72 TITLE CHIEF ENGINEER
490-73

NAME LUIS FAVELA 490-74 TITLE
490-75

The Designated Operator shall perform a monthly visual inspection of the facility, provide a report to the owner/operator, and inform the owner/operator of any conditions that need follow-up action.

XII. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

APPLICANT SIGNATURE 490-76 x Trinidad Mossman REPRESENTING: ☐ 1. Tank Owner/Operator ☐ 2. Facility Owner/Operator ☒ 3. Authorized Representative of Owner	DATE: 490-77 x 12-23-10
APPLICANT NAME (print): 490-78 x TRINIDAD MOSSMAN	APPLICANT TITLE: 490-79 x AVP, FACILITIES MGR

(Agency Use Only) This plan has been reviewed and: ☐ Approved ☐ Approved With Conditions

Local Agency Signature: _____ Date: _____

Comments or Special Conditions:

UST Monitoring Plan – Page 2 Instructions

Complete a separate UST Monitoring Plan for each UST monitoring system at the facility. This form must be submitted with your initial UST Operating Permit Application and within 30 days of changes in the information it contains. Please note that your local agency may require you to obtain approval prior to installing or modifying monitoring equipment. (Note: Numbering of these instructions follows the data element numbers on the form.)

490-54a. MONITORING OF THE UNDER DISPENSER CONTAINMENT- Indicate the method used for UDC monitoring.
490-54b. SPECIFY-If 99 "Other" is checked, describe other method used.
If VI-1-1, VI-1-2 or VI-1-3 or VI-1-99 is checked, complete 490-55 to 490-64b.
490-55. PANEL MANUFACTURER –Enter the name of the manufacturer of the monitoring system control panel (console). If there is no control panel (e.g., only an electrical relay box is installed) leave this space blank.
490-56. MODEL # - Enter the model number for the monitoring system control panel (console). If there is no control panel (e.g., only an electrical relay box is installed) leave this
space blank.
490-57. LEAK SENSOR MANUFACTURER – Enter the name of the manufacturer of the sensor(s).
490-58. MODEL #(S) – Enter the model number of the sensor(s) installed. If additional space is needed, use Section X.
490-59. DETECTION OF A LEAK INTO THE UDC TRIGGERS AUDIBLE AND VISUAL ALARMS. Indicate Yes or No
490-60. UDC LEAK ALARM TRIGGERS PUMP SHUTDOWN - Indicate Yes or No
490-61. FAILURE/DISCONNECTION OF UDC MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN - Indicate Yes or No
490-62. UDC MONITORING STOPS THE FLOW OF PRODUCT AT THE DISPENSER - Indicate Yes or No.
490-63. UDC CONSTRUCTION - Indicate if the construction of the UDC is single-walled, or double-walled.
490-64a. DOUBLE-WALLED INTERSTITIAL SPACE MONITORING - Indicate what is used to monitor the interstitial space.
490-64b. LEAK WITHIN THE SECONDARY CONTAIMENT OF UDC TRIGGERS AUDIBLE AND VISUAL ALARMS - Indicate Yes or No
490-65. VII-1 ELD TESTING - Check the box if you have been notified by the State Water Resources Control Board (SWRCB) that the UST(s) covered by this plan is/are subject to Enhanced Leak Detection Requirements (i.e., UST has any single-wall component and is located within 1,000 feet of a public drinking water well).
490-66. TESTING OF SECONDARY CONTAINMENT COMPONENTS EVERY 36 MONTHS - Check the box if you have secondary containment that requires testing.
190-67. SPILL BUCKET TESTING - Check the box if you have spill buckets.
490-68a-h. VIII RECORDKEEPING -Indicate which monitoring and equipment maintenance records are maintained for this facility.
490-69a IX TRAINING STATEMENT - Check the box to verify that the statement is true.
REFERENCE DOCUMENTS MAINTAINED AT FACILITY – Check the appropriate boxes to describe reference documents maintained at the facility. Note that the first two items on the list must be kept at the facility.
490-69b. MONITORING PLAN: Indicate that this plan is kept as a reference document.
490-69c. OPERATING MANUALS FOR ELECTRONIC EQUIPMENT: Indicate that this plan is kept as a reference document.
490-69d CA UST REGULATIONS - Indicate that this is kept as a reference document.
490-69e CA UST LAW - Indicate that this is kept as a reference document.
490-69f STATE WATER RESOURCES CONTROL BOARD (SWRCB) PUBLICATION - "HANDBOOK FOR TANK OWNERS - MANUAL AND STATISTICAL INVENTORY RECONCILIATION - Indicate that this is kept as a reference document.
490-69g SWRCB PUBLICATION: "UNDERSTANDING AUTOMATIC TANK GAUGING SYSTEMS": Indicate that this is kept as a reference document.
490-69h OTHER - Indicate that other reference documents are kept.
490-69i. SPECIFY-If "OTHER" is checked, enter a brief description of the other document(s) maintained at the facility. If additional space is needed, see Section X.
490-70. DESIGNATED OPERATOR TRAINING - Check this box to verify that this statement is true.
490-71. COMMENTS/ADDITIONAL INFORMATION – Make additional comments or you may attach and identify the number of additional pages of information to describe any additional UST system monitoring-related information (e.g., additional information required by your local agency). Attach any monitoring logs that you will be using for the monitoring of your tank system.
490-72. NAME – Enter the name of the person who routinely conducts the monitoring and equipment maintenance under this plan.
490-73. TITLE - Enter the title of the person.
490-74. NAME – Enter the name of the second person, if applicable, who routinely conducts the monitoring and equipment maintenance under this plan.
490-75. TITLE - Enter the title of the second person.
OWNER/OPERATOR SIGNATURE – The tank owner/operator, facility owner/operator, or an authorized representative of the owner shall sign in the space provided. This signature certifies that the signer believes that all information submitted is true, accurate, and complete, and that the training program specified in Section IX has been implemented.
490-76. REPRESENTING -- Check the appropriate box to indicate whether the signer is the UST owner/operator, the UST facility owner/operator, or an authorized representative of the owner.
490-77. DATE – Enter the date the plan was signed.
490-78. APPLICANT NAME – Print or type the name of the person signing the plan.
490-79. APPLICANT TITLE – Enter the title of the person signing the plan.

OC CUPA
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Fax: (714) 754-1768
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UNIFIED PROGRAM CONSOLIDATED FORM

UNDERGROUND STORAGE TANKS

RESPONSE PLAN – PAGE 1

(one page per site)

TYPE OF ACTION ☑ 1. NEW PLAN ☐ 2. CHANGE OF INFORMATION R01

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)* 3 0 – – –

FACILITY NAME BANK OF THE WEST R02

FACILITY SITE ADDRESS 1977 SATURN AVE R03 | CITY MONTEREY PARK R04

II. SPILL CONTROL AND CLEANUP METHODS

This plan addresses unauthorized releases from UST systems and supplements the emergency response plans and procedures in the facility's Hazardous Materials Business Plan.

- If safe to do so, facility personnel will take immediate measures to control or stop any release (e.g., activate pump shut-off, etc.) and, if necessary, safely remove remaining hazardous material from the UST system.
- Any release to secondary containment will be pumped or otherwise removed within a time consistent with the ability of the secondary containment system to contain the hazardous material, but not greater than 30 calendar days, or sooner if required by the local agency. Recovered hazardous materials, unless still suitable for their intended use, will be managed as hazardous waste.
- Absorbent material will be used to contain and clean up manageable spills of hazardous materials. Absorbent material may be reused until it becomes too saturated to be effective. It will then be managed properly. Used absorbent material, reusable or waste, will be stored in a properly labeled and sealed container.
- Facility personnel will determine whether or not any water removed from secondary containment systems, or from clean-up activity, has been in contact with any hazardous material. If the water is contaminated, it will be managed as hazardous waste. If the water has a petroleum sheen (i.e., rainbow colors), it is contaminated. A thick floating petroleum layer may not necessarily display rainbow colors. Water (hazardous or non-hazardous) from sumps, spill containers, etc. will not be disposed to storm water systems.
- We will review secondary containment systems for possible deterioration if any of the following conditions occur:
  1. Hazardous material in contact with secondary containment is not compatible with the material used for secondary containment;
  2. Secondary containment is prone to damage from any equipment used to remove or clean up hazardous material collected in secondary containment;
  3. Hazardous material, other than the product/waste stored in the primary containment system, is placed inside secondary containment to treat or neutralize released product/waste, and the added material or resulting material from such a combination is not compatible with secondary containment.

III. SPILL CONTROL AND CLEAN-UP EQUIPMENT

PERIODIC MAINTENANCE: Spill control and clean-up equipment kept permanently on-site is listed in the facility's Hazardous Materials Business Plan. This equipment is inspected at least monthly, and after each use, and supplies are replenished as needed. Defective equipment is repaired or replaced as necessary.

EQUIPMENT NOT PERMANENTLY ON-SITE, BUT AVAILABLE FOR USE IF NEEDED: (Complete only if applicable)

EQUIPMENT	LOCATION	AVAILABILITY
R10	R20	R30
R11	R21	R31
R12	R22	R32
R13	R23	R33
R14	R24	R34
R15	R25	R35

IV. RESPONSIBLE PERSONS

THE FOLLOWING PERSON(S) IS/ARE RESPONSIBLE FOR AUTHORIZING ANY WORK NECESSARY UNDER THIS RESPONSE PLAN:

NAME x TRINIDAD MOSSMAN R40	TITLE x AVP, FACILITIES MANAGER R50
NAME x JOE REBELO R41	TITLE x CHIEF ENGINEER R51
NAME R42	TITLE R52
NAME R43	TITLE R53

V. INDIRECT HAZARD DETERMINATION

This information is required only when the presence of the hazardous substance can not be determined directly by the monitoring method used (e.g., where liquid level measurements in a tank annular space or secondary piping are used as the basis for leak determination).

THE FOLLOWING STEPS WILL BE TAKEN TO DETERMINE THE PRESENCE OR ABSENCE OF HAZARDOUS SUBSTANCE IN THE SECONDARY CONTAINMENT IF MONITORING INDICATES A POSSIBLE UNAUTHORIZED RELEASE:

R60

OC CUPA
1241 E. Dyer Road Ste 120
Santa Ana, CA 92705
Tel: (714) 433-6000
Fax: (714) 754-1768
www.occupainfo.com

UNIFIED PROGRAM CONSOLIDATED FORM

UNDERGROUND STORAGE TANKS RESPONSE PLAN – PAGE 2

(one page per site)

VI. LEAK INTERCEPTION AND DETECTION SYSTEM

This information is required only for motor vehicle fuel UST systems constructed per the Alternate Construction Requirements of 23 CCR §2633, and only if the Leak Interception and Detection System (LIDS) does not meet the volumetric requirements of 23 CCR §2631(d)(1) through (5) (i.e., when accounting for rainfall and backfill material, the secondary containment volume is less than 100% of primary tank volume for a single UST; or in the case of multiple USTs in shared secondary containment, 150% of the largest primary tank volume or 10% of aggregate primary tank volume, whichever is greater).

ATTACH AN ADDITIONAL PAGE TO THIS PLAN CONTAINING THE FOLLOWING INFORMATION:

- The volume of the LIDS in relation to the volume of the primary container;
- The amount of time the LIDS shall provide containment related to the time between detection of an unauthorized release and cleanup of the leaked substance;
- The depth from the bottom of the LIDS to the highest anticipated level of groundwater;
- The nature of the unsaturated soils under the LIDS and their ability to absorb contaminants or to allow movement of contaminants;
- The methods and scheduling for removal of all hazardous substances which may have been discharged from primary containment and are located in the unsaturated soils between the primary containment and groundwater, including the LIDS sump.

VII. REPORTING AND RECORD KEEPING

We will report/record any overfill, spill, or unauthorized release from a UST system as indicated in this plan.

Recordable Releases: Any unauthorized release from primary containment which the UST operator is able to clean up within eight (8) hours after the release was detected or should reasonably have been detected, and which does not escape from secondary containment, does not increase the hazard of fire or explosion, and does not cause any deterioration of secondary containment, must be recorded in the facility's monitoring records. Monitoring records must include:

- The UST operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous substances released;
- A description of the actions taken to control and clean up the release;
- The method and location of disposal of the released hazardous substances, and whether a hazardous waste manifest was or will be used;
- A description of actions taken to repair the UST and to prevent future releases;
- A description of the method used to reactivate interstitial monitoring after replacement or repair of primary containment.

Reportable Releases: Any overfill, spill, or unauthorized release which escapes from secondary containment (or primary containment if no secondary containment exists), increases the hazard of fire or explosion, or causes any deterioration of secondary containment, is a reportable release. Reportable releases are also recordable.

Within 24 hours after a reportable release has been detected, or should have been detected, we will notify the local agency administering the UST program of the release, investigate the release, and take immediate measures to stop the release. If necessary, or if required by the local agency, remaining stored product/waste will be removed from the UST to prevent further releases or facilitate corrective action. If an emergency exists, we will notify the State Office of Emergency Services.

Within five (5) working days of a reportable release, we will submit to the local agency a full written report containing all of the following information to the extent that the information is known at the time of filing the report:

- The UST owner's or operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous materials released;
- The approximate date of the release;
- The date on which the release was discovered;
- The date on which the release was stopped;
- A description of actions taken to control and/or stop the release;
- A description of corrective and remedial actions, including investigations which were undertaken and will be conducted to determine the nature and extent of soil, ground water or surface water contamination due to the release;
- The method(s) of cleanup implemented to date, proposed cleanup actions, and a schedule for implementing the proposed actions;
- The method(s) and location(s) of disposal of released hazardous materials and any contaminated soils, groundwater, or surface water.
- Copies of any hazardous waste manifests used for off-site transport of hazardous wastes associated with clean-up activity;
- A description of proposed methods for any repair or replacement of UST system primary/secondary containment systems;
- A description of additional actions taken to prevent future releases.

We will follow the reporting procedures described above if any of the following conditions occur:

- A recordable unauthorized release can not be cleaned up or is still under investigation within eight (8) hours of detection;
- Released hazardous substances are discovered at the UST site or in the surrounding area;
- Unusual operating conditions are observed, including erratic behavior of product dispensing equipment, sudden loss of product, or the unexplained presence of water in the tank, unless system equipment is found to be defective and is immediately repaired or replaced, and no leak has occurred;
- Monitoring results from UST system monitoring equipment/methods indicate that a release may have occurred, unless the monitoring equipment is found to be defective and is immediately repaired, recalibrated, or replaced, and additional monitoring does not confirm the initial results.

Record Retention: Monitoring records and written reports of unauthorized releases must be maintained on-site (or off-site at a readily available location, if approved by the local agency) for at least 3 years. Hazardous waste shipping/disposal records (e.g., manifests) must be maintained for at least 3 years from the date of shipment.

VIII. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

OWNER/OPERATOR SIGNATURE	DATE (R70)
X Trinidad Mossman	X 12-23-10
OWNER/OPERATOR NAME (print) (R71)	**OWNER/OPERATOR TITLE** (R72)
X TRINIDAD MOSSMAN	X AVP, FACILITIES MANAGER

(Agency Use Only) This plan has been reviewed and: ☐ Approved ☐ Approved With Conditions ☐ Disapproved

Local Agency Signature: _____ Date: _____

CIES

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DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS

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Appendix VI

(Copies of Monitoring System Certification form and UST Monitoring Plot Plan available at http://www.waterboards.ca.gov.)

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: Bank Of The West Bldg. No.

Site Address: 1977 Saturn St. City: Monterey Park Zip: 91755

Facility Contact Person: Joe Robles Contact Phone No.: (323) -727-3636

Make/Model of Monitoring System: Veeder-Root TLS350 Date of Testing/Servicing: 10/11/2013

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: #1 EAST DIESEL	Tank ID: #2 DIESEL
☑ In-Tank Gauging Probe. Model: MAG1	☐ In-Tank Gauging Probe. Model:
☐ Annular Space or Vault Sensor. Model:	☑ Annular Space or Vault Sensor. Model: 794390-344
☑ Piping Sump / Trench Sensor(s). Model: 794380-351	☑ Piping Sump / Trench Sensor(s). Model: 794380-208
☑ Fill Sump Sensor(s). Model: 794380-208	☑ Fill Sump Sensor(s). Model: 794380-208
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
☑ Tank/Overfill / High-Level Sensor. Model: FLAPPER VALVE	☐ Tank/Overfill / High-Level Sensor. Model:
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID: #2 WEST DIESEL	Tank ID:
☑ In-Tank Gauging Probe. Model: MAG1	☐ In-Tank Gauging Probe. Model:
☐ Annular Space or Vault Sensor. Model:	☐ Annular Space or Vault Sensor. Model:
☑ Piping Sump / Trench Sensor(s). Model: 794380-351	☐ Piping Sump / Trench Sensor(s). Model:
☑ Fill Sump Sensor(s). Model: 794380-208	☐ Fill Sump Sensor(s). Model:
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
☑ Tank/Overfill / High-Level Sensor. Model: FLAPPER VALVE	☐ Tank/Overfill / High-Level Sensor. Model:
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: NONE	Dispenser ID:
☐ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☐ Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	Dispenser ID:
☐ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☐ Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	Dispenser ID:
☐ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☐ Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. **Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; (check all that apply):** ☑ System set-up ☑ Alarm history report

Technician Name (print): Rich Ruston Signature:

Certification No: 5246183-UT A32050 License No: 517336

Testing Company Name: Orange County Tank Testing Phone No.: (714) 776-0300

Testing Company Address: 225 N. Loara Street, Anaheim, CA 92801 Date of Testing/Servicing: 10/11/2013

D. Results of Testing/Servicing

Software Version Installed: 9.00

Complete the following checklist:

✓ Yes	☐ No*	Is the audible alarm operational?
✓ Yes	☐ No*	Is the visual alarm operational?
✓ Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
✓ Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No* ✓ N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
☐ Yes	☐ No* ✓ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes, which sensors initiate positive shut-down? *(Check all that apply)* ☐ Sump/Trench Sensors; ☐ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☐ Yes; ☐ No.
☐ Yes	☐ No* ✓ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? ____ %
☐ Yes*	✓ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
☐ Yes*	✓ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product; ☐ Water. If yes, describe causes in Section E, below.
✓ Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
✓ Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments:

F. In-Tank Gauging / SIR Equipment:

☐ Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

✓ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
✓ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
✓ Yes	☐ No*	Was accuracy of system product level readings tested?
✓ Yes	☐ No*	Was accuracy of system water level readings tested?
✓ Yes	☐ No*	Were all probes reinstalled properly?
✓ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD): ✓ Check this box if LLDs are not installed.

Complete the following checklist:

☐ Yes	☐ No* ☐ N/A	For equipment start up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: ☐ 3 g.p.h.; ☐ 0.1 g.p.h.; ☐ 0.2 g.p.h.
☐ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☐ Yes	☐ No*	Was the testing apparatus properly calibrated?
☐ Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments:

Double Wall Suction System for Emergency Generators

SWRCB, January 2006

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name: Bank Of The West	Date of Testing: 10/11/2013
Facility Address: 1977 Saturn St.	
Facility Contact: Joe	Phone: 323-727-3636
Date Local Agency Was Notified of Testing:	
Name of Local Agency Inspector *(if present during testing)*:	

2. TESTING CONTRACTOR INFORMATION

Company Name: ORANGE COUNTY TANK TESTING
Technician Conducting Test: Rich Ruston
Credentials [1]: ☑ CSLB Contractor ☑ ICC Service Tech. ☐ SWRCB Tank Tester ☐ Other *(Specify)*
License Number(s): 517336 624183-UC

3. SPILL BUCKET TESTING INFORMATION

Test Method Used: ☑ Hydrostatic ☐ Vacuum ☐ Other

Test Equipment Used: Visual — Equipment Resolution:

Identify Spill Bucket: *(By Tank Number, Stored Product, etc.)*	1 W. Diesel	2 E. Diesel	3 ZK Diesel	4
Bucket Installation Type:	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☐ Contained in Sump
Bucket Diameter:	12"	12"	12"	
Bucket Depth:	14"	14"	13"	
Wait time between applying vacuum/water and start of test:	15 MIN.	15 MIN.	15 MIN.	15 MIN.
Test Start Time (T_I):	9:00	9:00	9:00	
Initial Reading (R_I):	13.5"	12.5"	11.75"	
Test End Time (T_F):	10:00	10:00	10:00	
Final Reading (R_F):	13.5"	12.5"	11.75"	
Test Duration ($T_F - T_I$):	1HR.	1HR.	1HR.	
Change in Reading ($R_F - R_I$):	-.00	-.00	-.00	
Pass/Fail Threshold or Criteria:	±.00	±.00	±.00	
Test Result:	☑ Pass ☐ Fail	☑ Pass ☐ Fail	☑ Pass ☐ Fail	☐ Pass ☐ Fail

Comments - *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

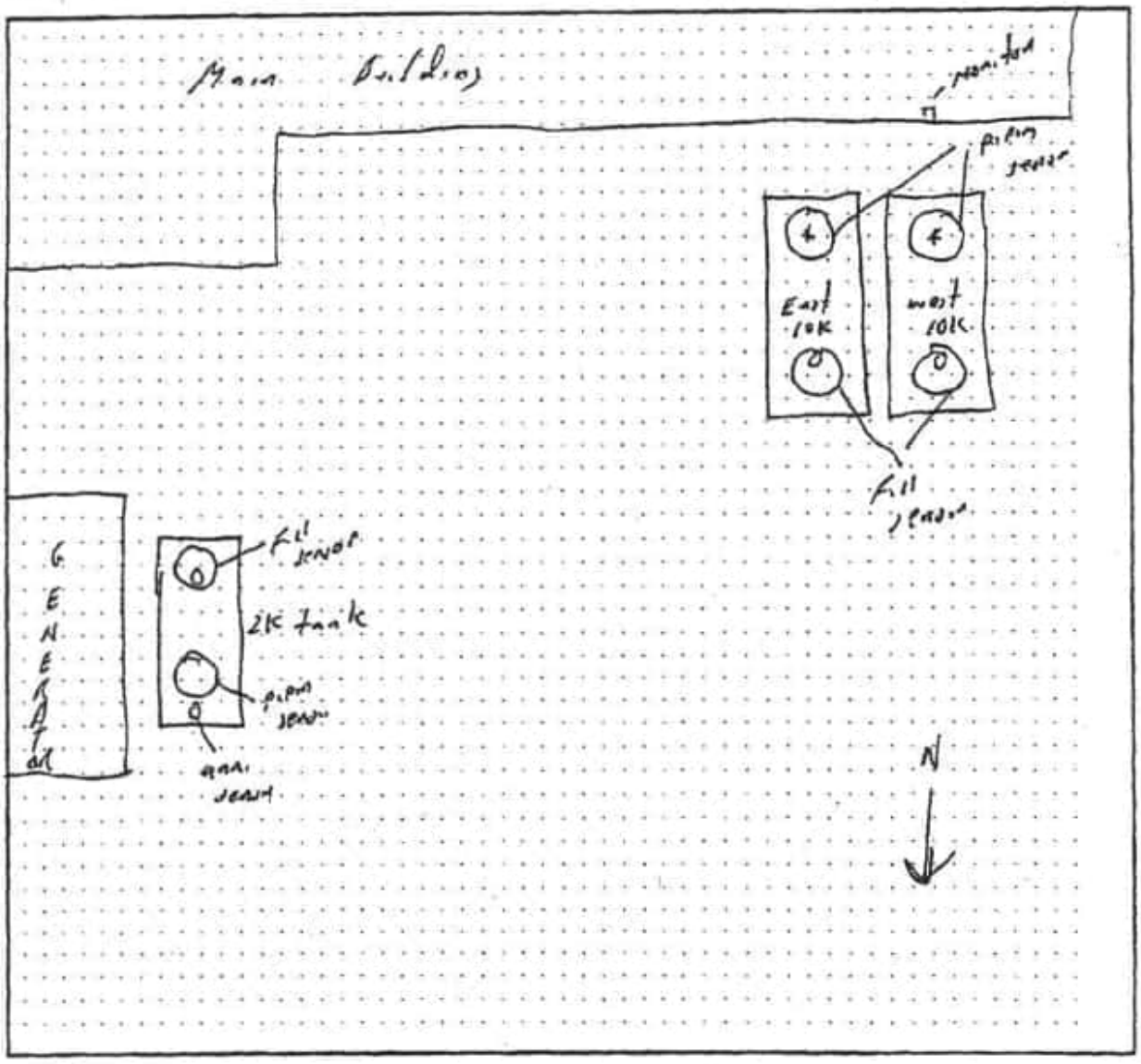
I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature: _____ Date: 10/11/13

[1] State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirement may be more stringent.

UST Monitoring Site Plan

Site Address: 1977 Safeway



Date map was drawn: 10/24/07

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

SYSTEM SETUP
OCT 11, 2013 2:40 PM

SYSTEM UNITS
U.S.
SYSTEM LANGUAGE
ENGLISH

BANK OF THE WEST
1977 SATURN STREET
MONTEREY PARK,CA

SHIFT TIME 1 : 6:00 AM
SHIFT TIME 2 : DISABLED
SHIFT TIME 3 : DISABLED
SHIFT TIME 4 : DISABLED

PERIODIC TEST WARNINGS
DISABLED
ANNUAL TEST WARNINGS
DISABLED

SYSTEM SECURITY
CODE : 000000

PRINT TC VOLUMES
ENABLED

TEMP COMPENSATION
VALUE (DEG F): 60.0

COMMUNICATIONS SETUP

PORT SETTINGS:

NONE FOUND

RS-232 SECURITY
CODE : 000000

RS-232 END OF MESSAGE
DISABLED

IN-TANK SETUP

T 1:DIESEL EAST TANK
PRODUCT CODE : 1
THERMAL COEFF :.000450
TANK DIAMETER : 92.00
TANK PROFILE : 4 PTS
FULL VOL : 9728
69.0 INCH VOL : 7910
46.0 INCH VOL : 4864
23.0 INCH VOL : 1818

FLOAT SIZE: 4.0 INCHES

RS-232 END OF MESSAGE
DISABLED

IN-TANK SETUP
- - - - - - - - - - - - -

T 1:DIESEL EAST TANK
PRODUCT CODE : 1
THERMAL COEFF :.000450
TANK DIAMETER : 92.00
TANK PROFILE : 4 PTS
FULL VOL : 9728
69.0 INCH VOL : 7910
46.0 INCH VOL : 4864
23.0 INCH VOL : 1818

FLOAT SIZE: 4.0 INCHES

WATER WARNING : 1.5
HIGH WATER LIMIT: 2.0

MAX OR LABEL VOL: 9728
OVERFILL LIMIT : 90%
: 8755
HIGH PRODUCT : 95%
: 9241
DELIVERY LIMIT : 20%
: 1945

LOW PRODUCT : 1000
LEAK ALARM LIMIT: 50
SUDDEN LOSS LIMIT: 50
TANK TILT : 0.00

MANIFOLDED TANKS
T#: NONE

LEAK MIN ANNUAL : 0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: ON

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 5 MIN

T 2:DIESEL WEST TANK
PRODUCT CODE : 2
THERMAL COEFF :.000450
TANK DIAMETER : 92.00
TANK PROFILE : 4 PTS
FULL VOL : 9728
69.0 INCH VOL : 7910
46.0 INCH VOL : 4864
23.0 INCH VOL : 1818

FLOAT SIZE: 4.0 INCHES

WATER WARNING : 1.5
HIGH WATER LIMIT: 2.0

MAX OR LABEL VOL: 9728

```
THERMAL COEFF    :.000450
TANK DIAMETER    :  92.00
TANK PROFILE     :  4 PTS
      FULL VOL   :  9728
  69.0 INCH VOL  :  7910
  46.0 INCH VOL  :  4864
  23.0 INCH VOL  :  1818

FLOAT SIZE:   4.0 INCHES

WATER WARNING    :   1.5
HIGH WATER LIMIT:   2.0

MAX OR LABEL VOL:   9728
OVERFILL LIMIT   :    90%
                 :   8755
HIGH PRODUCT     :    95%
                 :   9241
DELIVERY LIMIT   :    20%
                 :   1945

LOW PRODUCT      :   1000
LEAK ALARM LIMIT:     50
SUDDEN LOSS LIMIT:    50
TANK TILT        :   0.00

MANIFOLDED TANKS
T#: NONE

LEAK MIN ANNUAL :       0

PERIODIC TEST TYPE
                STANDARD

ANNUAL TEST FAIL
          ALARM DISABLED

PERIODIC TEST FAIL
          ALARM DISABLED

GROSS TEST FAIL
          ALARM DISABLED

ANN TEST AVERAGING:  OFF
PER TEST AVERAGING:  OFF

TANK TEST NOTIFY:      ON

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY  :  5 MIN
```

```
LEAK TEST METHOD
- - - - - - - - - - - -
TEST MONTHLY : ALL TANK
WEEK 1   WED
START TIME : 10:00 AM
TEST RATE  :0.20 GAL/HR
DURATION   : 2  HOURS


LEAK TEST REPORT FORMAT
                NORMAL
```

LIQUID SENSOR SETUP

L 1:DAY TANK 1
NORMALLY CLOSED
CATEGORY : DISPENSER PAN

L 2:DAY TANK 2
NORMALLY CLOSED
CATEGORY : DISPENSER PAN

L 3:DAY TANK 3
NORMALLY CLOSED
CATEGORY : DISPENSER PAN

L 4:2K PIPING SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

L 5:2K FILL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

L 7:10K FILL SUMP WEST
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

L 8:10K FILL SUMP EAST
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

2 WIRE CL SENSOR SETUP

C 1:DIESEL EAST TANK
ULTRA 2
CATEGORY : PIPING SUMP

C 2:DIESEL WEST TANK
ULTRA 2
CATEGORY : PIPING SUMP

C 3:2K ANNULAR SPACE
ULTRA 2
CATEGORY : ANNULAR SPACE

CATEGORY : ANNULAR SPACE

OUTPUT RELAY SETUP

SOFTWARE REVISION LEVEL
VERSION 9.00
SOFTWARE# 346009-100-A
CREATED - 95.08.28.11.25

NO SOFTWARE MODULE
SYSTEM FEATURES:
PERIODIC IN-TANK TESTS
ANNUAL IN-TANK TESTS

ALARM HISTORY REPORT

----- SYSTEM ALARM -----
PAPER OUT
JUL 11, 2013 9:58 AM
PRINTER ERROR
JUL 11, 2013 9:58 AM

----- SYSTEM ALARM -----
PAPER OUT
JUL 11, 2013 9:58 AM
PRINTER ERROR
JUL 11, 2013 9:58 AM
BATTERY IS OFF
JAN 1, 1995 8:00 AM

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 1:DIESEL EAST TANK

HIGH WATER ALARM
OCT 11, 2013 2:35 PM
OCT 11, 2013 10:21 AM
OCT 11, 2013 9:53 AM

OVERFILL ALARM
DEC 5, 2008 11:09 AM
OCT 24, 2008 10:34 AM
OCT 16, 1999 2:54 AM

LOW PRODUCT ALARM
MAY 7, 2012 8:45 AM
OCT 24, 2008 10:33 AM
MAY 2, 2008 12:39 PM

HIGH PRODUCT ALARM
OCT 24, 2008 10:34 AM
FEB 24, 1999 12:55 PM

INVALID FUEL LEVEL
OCT 11, 2013 10:21 AM
OCT 11, 2013 9:57 AM
OCT 11, 2013 9:54 AM

PROBE OUT
OCT 11, 2013 2:34 PM
OCT 11, 2013 2:29 PM
OCT 11, 2013 2:25 PM

HIGH WATER WARNING
OCT 11, 2013 2:35 PM
OCT 11, 2013 10:21 AM
OCT 11, 2013 9:53 AM

DELIVERY NEEDED
MAY 7, 2013 12:22 PM
MAY 7, 2012 8:45 AM
OCT 24, 2008 10:33 AM

TANK TEST ACTIVE
OCT 2, 2013 10:00 AM
SEP 4, 2013 10:00 AM
AUG 7, 2013 10:00 AM

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 2:DIESEL WEST TANK

HIGH WATER ALARM
OCT 11, 2013 9:41 AM
OCT 12, 2012 10:29 AM
OCT 12, 2012 9:22 AM

OVERFILL ALARM
APR 30, 2009 11:13 AM

OCT 12, 2012 10:29 AM
OCT 12, 2012 9:22 AM

OVERFILL ALARM
APR 30, 2009 11:13 AM
DEC 5, 2008 11:07 AM
OCT 24, 2008 10:34 AM

LOW PRODUCT ALARM
MAY 7, 2012 11:12 AM
JUN 14, 2006 10:17 AM

HIGH PRODUCT ALARM
OCT 24, 2008 10:34 AM

INVALID FUEL LEVEL
DEC 5, 2008 10:21 AM
JUN 14, 2006 10:18 AM

PROBE OUT
OCT 11, 2013 9:43 AM
OCT 11, 2013 9:40 AM
MAY 7, 2013 10:19 AM

HIGH WATER WARNING
OCT 11, 2013 9:41 AM
OCT 12, 2012 10:29 AM
OCT 12, 2012 9:22 AM

DELIVERY NEEDED
OCT 12, 2012 9:22 AM
MAY 7, 2012 11:12 AM
MAY 2, 2008 12:44 PM

TANK TEST ACTIVE
OCT 2, 2013 10:00 AM
SEP 4, 2013 10:00 AM
AUG 7, 2013 10:00 AM

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 3:

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 1:DAY TANK 1
DISPENSER PAN
FUEL ALARM
OCT 11, 2013 9:04 AM

FUEL ALARM
OCT 11, 2013 8:44 AM

FUEL ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 2:DAY TANK 2
DISPENSER PAN
FUEL ALARM
OCT 11. 2013 9:04 AM

FUEL ALARM
OCT 11. 2013 8:45 AM

FUEL ALARM
OCT 12. 2012 11:06 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 3:DAY TANK 3
DISPENSER PAN
FUEL ALARM
OCT 11. 2013 9:04 AM

FUEL ALARM
OCT 11. 2013 8:45 AM

FUEL ALARM
OCT 12. 2012 11:06 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 4:2K PIPING SUMP
PIPING SUMP
SENSOR OUT ALARM
OCT 11. 2013 9:03 AM

FUEL ALARM
OCT 11. 2013 8:53 AM

SENSOR OUT ALARM
OCT 12. 2012 11:06 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 5:2K FILL SUMP
PIPING SUMP
SENSOR OUT ALARM
OCT 11. 2013 9:03 AM

FUEL ALARM
OCT 11. 2013 8:54 AM

SENSOR OUT ALARM
OCT 12. 2012 11:06 AM

ALARM HISTORY REPORT.

----- SENSOR ALARM -----
L 6:2K ANNULAR SPACE
ANNULAR SPACE
FUEL ALARM
OCT 24, 2008 11:58 AM

SENSOR OUT ALARM
OCT 24, 2008 11:57 AM

FUEL ALARM
OCT 24, 2008 11:57 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 7:10K FILL SUMP WEST
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 9:01 AM

SENSOR OUT ALARM
OCT 12, 2012 11:06 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 8:10K FILL SUMP EAST
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 8:59 AM

FUEL ALARM
MAY 7, 2013 10:13 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
C 1:DIESEL EAST TANK
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 8:59 AM

FUEL ALARM
OCT 12, 2012 9:53 AM

----- SENSOR ALARM -----
L 8:10K FILL SUMP EAST
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 8:59 AM

FUEL ALARM
MAY 7, 2013 10:13 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
C 1:DIESEL EAST TANK
PIPING SUMP
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 8:59 AM

FUEL ALARM
OCT 12, 2012 9:53 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
C 2:DIESEL WEST TANK
PIPING SUMP
SENSOR OUT ALARM
OCT 11 2013 9:03 AM

[illegible] AM
[illegible] 2013 9:00 AM

FUEL ALARM
MAY 6, 2013 [illegible] AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
C 3:2K ANNULAR SPACE
ANNULAR SPACE
SENSOR OUT ALARM
OCT 11, 2013 9:03 AM

FUEL ALARM
OCT 11, 2013 8:57 AM

FUEL ALARM [illegible]

006994 – 007311 C761218

STORAGE TANK CERTIFICATE OF INSURANCE TO DEMONSTRATE FINANCIAL RESPONSIBILITY STATE OF CALIFORNIA

Facility Name and Address:
Monterey Park Service Center (Data Center) located at 1977 Saturn Street in Monterey Park, CA 91755

Insurer Name and Address:
ACE American Insurance Company c/o ACE Environmental Risk, P.O. Box 1000, 436 Walnut Street WA07A, Philadelphia, PA 19106

Policy Number: UST G27168747 001

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DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAM

Policy Period:
From 12:01am December 5, 2012 to 12:01am December 5, 2013

Insured Name and Address:
Bank of the West located at 2527 Camino Ramon, NC-B07-2E-I in San Ramon, CA 94583

I. The Insurer, as identified above, hereby certifies that it has issued liability insurance covering the following Underground Storage Tanks:

Facility	Identification No.	Number of Tanks
Monterey Park Service Center (Data Center)	N/A	3

for taking corrective action and/or compensating third parties for bodily injury and property damage caused by either sudden accidental releases or non-sudden accidental releases or accidental releases in accordance with and subject to the limits of liability, exclusions, conditions, and other terms of the Policy arising from operating the underground storage tanks identified above.

The Limits of Liability are:

a. $1,000,000 Each Occurrence

b. $2,000,000 Annual Aggregate

exclusive of legal defense costs, which are subject to a separate limit under the policy. This coverage is provided under policy number UST G27168747 001. The effective date of said policy is December 5, 2012.

II. The Insurer further certifies the following with respect to the insurance described in Paragraph I:

A. Bankruptcy or insolvency of the insured shall not relieve the Insurer of its obligations under the Policy to which this certificate applies.

B. The Insurer is liable for the payment of amounts within any deductible applicable to the Policy to the provider of corrective action or a damaged third-party, with a right of reimbursement by the insured for any such payment made by the Insurer. This provision does not apply with respect to that amount of any deductible for which coverage is demonstrated under another mechanism or combination of mechanisms as specified in 40 CFR 280.95-280.102.

C. Whenever requested by a Director of an implementing agency, the Insurer agrees to furnish to the Director a signed duplicate original of the Policy and all endorsements.

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D. Cancellation or any other termination of the insurance by the Insurer, except for non-payment of premium or misrepresentation by the insured, will be effective only upon written notice and only after the expiration of 60 days after a copy of such written notice is received by the insured. Cancellation for non-payment of premium or misrepresentation by the insured will be effective only upon written notice and only after expiration of a minimum of 10 days after a copy of such written notice is received by the Insured.

E. The insurance covers claims otherwise covered by the Policy that are reported to the Insurer within six months of the effective date of cancellation or non-renewal of the Policy except where the new or renewed Policy has the same Retroactive Date or a Retroactive Date earlier than that of the prior policy, and which arise out of any covered occurrence that commenced after the Policy Retroactive Date, if applicable, and prior to such renewal or termination date. Claims reported during such extended reporting period are subject to the terms, conditions, limits, including limits of liability, and exclusions of the Policy.

I hereby certify that the wording of this instrument is identical to the wording in 40 CFR 280.97 (b) (2) and that the Insurer is eligible to provide insurance as an excess or surplus lines insurer in one or more states.

William P. Hazelton

Authorized Agent

William P. Hazelton

Name

Sr. Vice President - ACE Environmental Risk

Title

436 Walnut Street, Philadelphia, PA 19106

Address

ACE USA, Copyright 2007

006994 – 007311

EPA 625

CTET

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California
Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: BANK OF THE WEST Bldg. No.:

Site Address: 1977 SATURN City: MONTEREY PARK Zip: 91755

Facility Contact Person: JOE REBELO Contact Phone No.: (323) 727-3636

Make/Model of Monitoring System: VR TLS 350 Date of Testing/Servicing: 10/16/09

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: WEST DIESEL 10K	**Tank ID:** EAST DIESEL 10K
☑ In-Tank Gauging Probe. Model: M461	☐ In-Tank Gauging Probe. Model:
☐ Annular Space or Vault Sensor. Model:	☐ Annular Space or Vault Sensor. Model:
☑ Piping Sump / Trench Sensor(s). Model: 794380-351	☑ Piping Sump / Trench Sensor(s). Model: 794380-357
☑ Fill Sump Sensor(s). Model: 794380-208	☑ Fill Sump Sensor(s). Model: 794380-208
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
☐ Tank Overfill / High-Level Sensor. Model:	☐ Tank Overfill / High-Level Sensor. Model:
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID: 2K DIESEL	**Tank ID:**
☐ In-Tank Gauging Probe. Model:	☐ In-Tank Gauging Probe. Model:
☑ Annular Space or Vault Sensor. Model: 794380-344	☐ Annular Space or Vault Sensor. Model:
☑ Piping Sump / Trench Sensor(s). Model: 794380-208	☐ Piping Sump / Trench Sensor(s). Model:
☑ Fill Sump Sensor(s). Model: 794380-208	☐ Fill Sump Sensor(s). Model:
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
☐ Tank Overfill / High-Level Sensor. Model:	☐ Tank Overfill / High-Level Sensor. Model:
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: NONE	**Dispenser ID:**
☐ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☐ Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	**Dispenser ID:**
☐ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☐ Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	**Dispenser ID:**
☐ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☐ Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification

- I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report *(check all that apply)*: ☑ System set-up ☑ Alarm history report

Technician Name (print): NICK HUSTON Signature:

Certification No.: A20050 License No.: 517336

Testing Company Name: Orange Co. Tank Testing, Inc. Phone No.: (714) 776-0300

Site Address: 225 N. Loara St., Anaheim Date of Testing/Servicing: 10/16/09

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ENVIRONMENTAL PROGRAMS

C629426

D. Results of Testing/Servicing

Software Version Installed: 9.0

Complete the following checklist:

☑ Yes	☐ No*	Is the audible alarm operational?
☑ Yes	☐ No*	Is the visual alarm operational?
☑ Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
☑ Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No* ☑ N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
☐ Yes	☐ No* ☑ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* ☐ Sump/Trench Sensors; ☐ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☐ Yes; ☐ No.
☐ Yes	☐ No* ☑ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? _____%
☐ Yes*	☑ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
☐ Yes*	☑ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product; ☐ Water. If yes, describe causes in Section E, below.
☑ Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
☑ Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments: OVERFILL BUCKETS TESTED WITH SB989 TEST ON THIS DATE.

F. In-Tank Gauging / SIR Equipment:

☐ Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☑ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☑ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☑ Yes	☐ No*	Was accuracy of system product level readings tested?
☑ Yes	☐ No*	Was accuracy of system water level readings tested?
☑ Yes	☐ No*	Were all probes reinstalled properly?
☑ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

G. Line Leak Detectors (LLD):

☑ Check this box if LLDs are not installed.

Complete the following checklist:

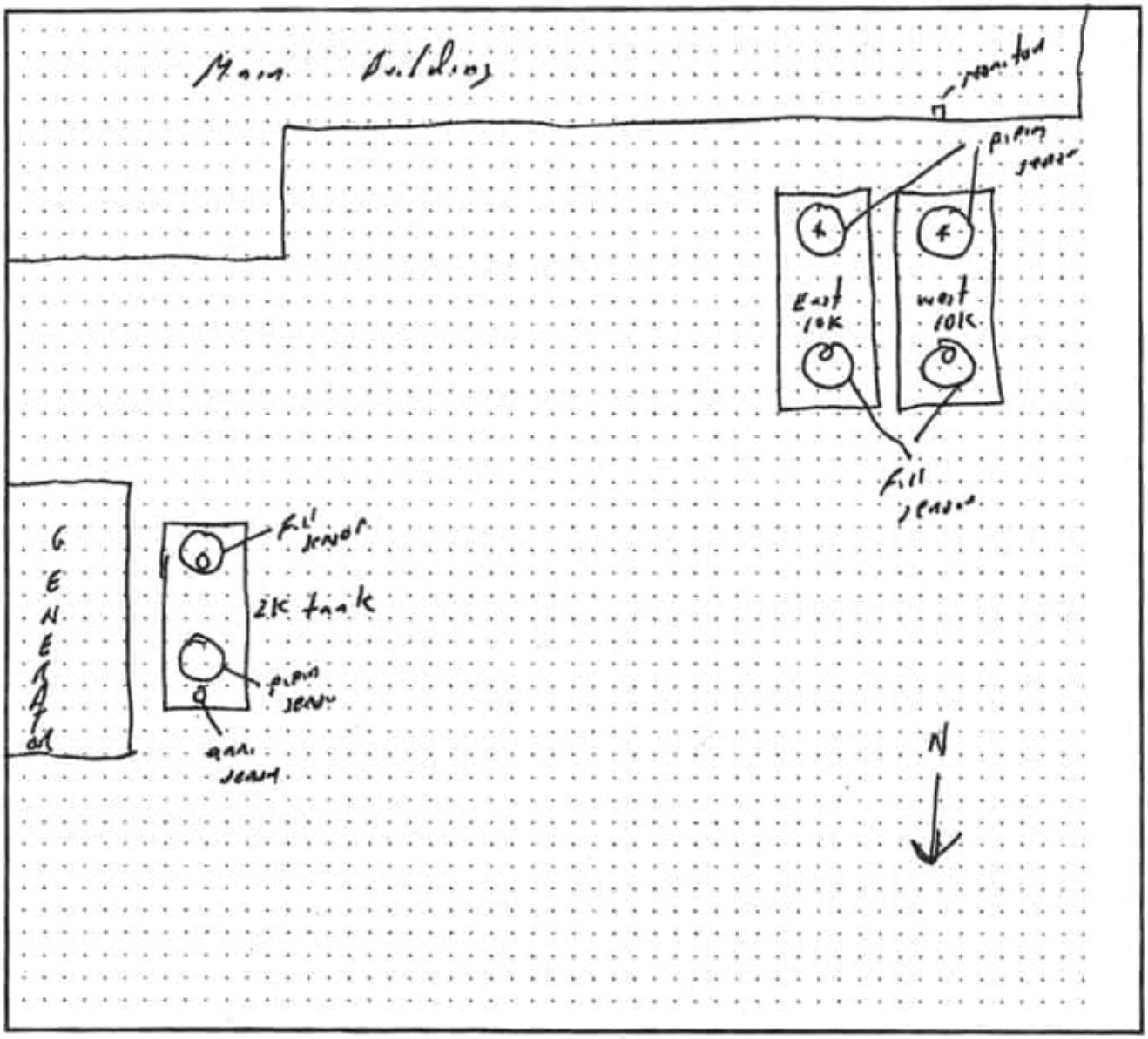
☐ Yes	☐ No* ☐ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: ☐ 3 g.p.h.; ☐ 0.1 g.p.h.; ☐ 0.2 g.p.h.
☐ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☐ Yes	☐ No*	Was the testing apparatus properly calibrated?
☐ Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

H. Comments:

UST Monitoring Site Plan

Site Address: 1977 Safeway



Date map was drawn: 12/24/07

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

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SCTR

PETCON TECHNOLOGIES, INC.

RECEIVED

OCT 26 2009

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS

October 21, 2009

Los Angeles County Department of Public Works
Environmental Programs Division
900 South Fremont Avenue
Alhambra, CA 91803

Attn: Sb989 Inspector

Re: SB989 Secondary Containment Testing at:
Bank Of The West
1977 Saturn Street
Monterey Park, CA 91755

Mr. Inspector

Please see the attached secondary containment testing results for the above referenced location. Los Angeles County Department of Public Works, Environmental Programs Division was notified for testing on 10/16/2009.

If you have any questions regarding the attached, or need additional information, please don't hesitate to contact me at (310) 679-9991.

Cordially,

Jorge Chavez
Petcon Technologies, Inc.

C629427

14118 S. Inglewood Avenue Hawthorne, California 90250 Phone (310) 679-9991 Fax (310) 679-9994

Secondary Containment Testing Report Form

This form is intended for use by contractors performing periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, written test procedures, and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	BANK OF THE WEST	Date of Testing:	10/16/2009
Facility Address:	1977 SATURN STREET, MONTEREY PARK CA 91755		
Facility Contact:	JOE	Phone:	323-727-3985
Date Local Agency Was Notified of Testing:	10/13/2009		
Name of Local Agency Inspector *(if present during testing)*:			

2. TESTING CONTRACTOR INFORMATION

Company Name:	PETCON TECHNOLOGIES, INC.		
Technician Conducting Test:	FERNANDO MARTINEZ		
Credentials:	☑ CSLB Licensed Contractor	☐ SWRCB Licensed Tank Tester	
License Type:	A, C-10, HAZMAT	License Number:	675998

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
2K TANK ANNULAR	■	☐	☐	☐	FILL 1 - WEST DIESEL	■	☐	☐	☐
LINE 1- SUPPLY FROM EAST TANK	■	☐	☐	☐	FILL 2 - EAST DIESEL	■	☐	☐	☐
LINE 2- SUPPLY FROM WEST TANK	■	☐	☐	☐	FILL 3 - 2K	■	☐	☐	☐
LINE 3 - 2K RETURN LINE	■	☐	☐	☐	BUCKET 1 - EAST TANK	■	☐	☐	☐
LINE 4 - WEST TANK VENT	■	☐	☐	☐	BUCKET 2 -WEST TANK	■	☐	☐	☐
LINE 5 - EAST TANK VENT	■	☐	☐	☐	BUCKET 3 - 2K	■	☐	☐	☐
LINE 6 - 2K VENT	■	☐	☐	☐		☐	☐	☐	☐
LINE 7 - DAY TANK SUPPLY	■	☐	☐	☐		☐	☐	☐	☐
LINE 8 - DAY TANK RETURN	■	☐	☐	☐		☐	☐	☐	☐
TURBINE 1 - WEST DIESEL	■	☐	☐	☐		☐	☐	☐	☐
TURBINE 2 - EAST DIESEL	■	☐	☐	☐		☐	☐	☐	☐
TURBINE 3 - 2K	■	☐	☐	☐		☐	☐	☐	☐

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: _____ Date: 10-16-09

4. TANK ANNULAR TESTING

Test Method Developed By:	☑ Tank Manufacturer	☐ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☑ Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: *McDaniel 4" Dial Gauge, Glycerin-Filled, 0-30"Hg*		Equipment Resolution: *+/-.50%*	

	Tank # 2K	Tank #	Tank #	Tank #
Is Tank Exempt From Testing?[1]	☐ Yes ■ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Tank Capacity:	2000 GALLONS			
Tank Material:	STEEL			
Tank Manufacturer:	MODERN WELD.			
Product Stored:				
Wait time between applying pressure/vacuum/water and starting test:	15 MINUTES			
Test Start Time:	1:05PM			
Initial Reading (R_I):	10Hg			
Test End Time:	3:05PM			
Final Reading (R_F):	10Hg			
Test Duration:	*2 HOURS*			
Change in Reading (R_F-R_I):	0			
Pass/Fail Threshold or Criteria:	*10Hg*			
Test Result:	■ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**
Was sensor removed for testing?	■ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Was sensor properly replaced and verified functional after testing?	■ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] Secondary containment systems where the continuous monitoring automatically monitors both the primary and secondary containment, such as systems that are hydrostatically monitored or under constant vacuum, are exempt from periodic containment testing. {California Code of Regulations, Title 23, Section 2637(a)(6)}

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☑ Pressure	☐ Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: *McDaniel 4" Dial Gauge, Glycerin-Filled, 0-15psi*		Equipment Resolution: *+/-.50%*	

	Piping Run # 1	Piping Run # 2	Piping Run # 4	Piping Run # 5
Piping Material:	FIBERGLASS	FIBERGLASS	FIBERGLASS	FIBERGLASS
Piping Manufacturer:	A.O. SMITH	A.O. SMITH	A.O. SMITH	A.O. SMITH
Piping Diameter:	3"	3"	3"	3"
Length of Piping Run:	90'	200'	80'	90'
Product Stored:				
Method and location of piping-run isolation:	3" TEST BOOT	3" TEST BOOT	3" TEST BOOT	3" TEST BOOT
Wait time between applying pressure/vacuum/water and starting test:	5 MINUTES	5 MINUTES	5 MINUTES	5 MINUTES
Test Start Time:	8:35AM	8:40AM	9:05AM	9:10AM
Initial Reading (R_I):	5.0 PSI	5.0 PSI	5.0 PSI	5.0 PSI
Test End Time:	10:35AM	10:40AM	11:05AM	11:10AM
Final Reading (R_F):	5.0 PSI	5.0 PSI	5.0 PSI	5.0 PSI
Test Duration:	*2 HOURS*	*2 HOURS*	*2 HOURS*	*2 HOURS*
Change in Reading (R_F-R_I):	0	0	0	0
Pass/Fail Threshold or Criteria:	*5.0 psi*	*5.0 psi*	*5.0 psi*	*5.0 psi*
Test Result:	■ Pass ☐ Fail	■ Pass ☐ Fail	■ Pass ☐ Fail	■ Pass ☐ Fail

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☑ Pressure	☐ Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: *McDaniel 4" Dial Gauge, Glycerin-Filled, 0-15psi*		Equipment Resolution: *+/-.50%*	

	Piping Run # 3	Piping Run # 6	Piping Run # 7	Piping Run # 8
Piping Material:	FIBERGLASS	FIBERGLASS	FIBERGLASS	FIBERGLASS
Piping Manufacturer:	A.O. SMITH	A.O. SMITH	A.O. SMITH	A.O. SMITH
Piping Diameter:	3"	3"	3"	3"
Length of Piping Run:	200'	50'	50'	50'
Product Stored:				
Method and location of piping-run isolation:	3" TEST BOOT	3" TEST BOOT	3" TEST BOOT	3" TEST BOOT
Wait time between applying pressure/vacuum/water and starting test:	5 MINUTES	5 MINUTES	5 MINUTES	5 MINUTES
Test Start Time:	9:06AM	1:10PM	1:15PM	1:18PM
Initial Reading (R_I):	5.0 PSI	5.0 PSI	5.0 PSI	5.0 PSI
Test End Time:	11:06AM	3:10PM	3:15PM	3:18PM
Final Reading (R_F):	5.0 PSI	5.0 PSI	5.0 PSI	5.0 PSI
Test Duration:	*2 HOURS*	*2 HOURS*	*2 HOURS*	*2 HOURS*
Change in Reading (R_F-R_I):	0	0	0	0
Pass/Fail Threshold or Criteria:	*5.0 psi*	*5.0 psi*	*5.0 psi*	*5.0 psi*
Test Result:	■ Pass ☐ Fail	■ Pass ☐ Fail	■ Pass ☐ Fail	■ Pass ☐ Fail

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

6. PIPING SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer ☑ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*		
Test Method Used:	☐ Pressure ☐ Vacuum ☑ Hydrostatic ☐ Other *(Specify)*		
Test Equipment Used: *Incon TS-STS Sump Test System*		Equipment Resolution: *+/- 0.0001*	

	Sump # WEST		Sump # EAST		Sump # 2K		Sump #	
Sump Diameter:	42"		42"		42"			
Sump Depth:	5'		5'		4'			
Sump Material:	FIBERGLASS		FIBERGLASS		FIBERGLASS			
Height from Tank Top to Top of Highest Piping Penetration:	21"		20"		25"			
Height from Tank Top to Lowest Electrical Penetration:	13"		14"		17"			
Condition of sump prior to testing:	GOOD		GOOD		GOOD			
Portion of Sump Tested[1]	25"		24"		29"			
Does turbine shut down when sump sensor detects liquid (both product and water)?*	☐ Yes ☐ No ■ NA		☐ Yes ☐ No ■ NA		☐ Yes ☐ No ■ NA			
Turbine shutdown response time	N/A		N/A		N/A			
Is system programmed for fail-safe shutdown?*	■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA			
Was fail-safe verified to be operational?*	☐ Yes ■ No ☐ NA		☐ Yes ■ No ☐ NA		☐ Yes ■ No ☐ NA			
Wait time between applying pressure/vacuum/water and starting test:	5 MINUTES		5 MINUTES		5 MINUTES			
Test Start Time:	9:32AM	9:49AM	9:32AM	9:49AM	12:02PM	12:18PM		
Initial Reading (R_i):	2.3990	2.3986	4.3918	4.3917	0.5073	0.5069		
Test End Time:	9:47AM	10:04AM	9:47AM	10:04AM	12:17PM	12:33PM		
Final Reading (R_F):	2.3987	2.3986	4.3916	4.3914	0.5072	0.5064		
Test Duration:	*(2) x 15min*		*(2) x 15min*		*(2) x 15min*			
Change in Reading (R_F-R_i):	-0.0003	-0.0000	-0.0002	-0.0003	-0.0001	-0.0005		
Pass/Fail Threshold or Criteria:	*-0.002*		*-0.002*		*-0.002*			
Test Result:	■ **Pass** ☐ **Fail**		■ **Pass** ☐ **Fail**		■ **Pass** ☐ **Fail**		☐ **Pass** ☐ **Fail**	
Was sensor removed for testing?	■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		☐ Yes ☐ No ☐ NA	
Was sensor properly replaced and verified functional after testing?	■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		☐ Yes ☐ No ☐ NA	

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] If the entire depth of the sump is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire sump must be tested. (See SWRCB LG-160)

8. FILL RISER CONTAINMENT SUMP TESTING

Facility is Not Equipped With Fill Riser Containment Sumps ☐			
Fill Riser Containment Sumps are Present, but were Not Tested ☐			
Test Method Developed By:	☐ Sump Manufacturer ☐ Other *(Specify)*	☑ Industry Standard	☐ Professional Engineer
Test Method Used:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	☑ Hydrostatic
Test Equipment Used: *Incon TS-STS Sump Test System*		Equipment Resolution: *+/- 0.0001*	

	Fill Sump # WEST		Fill Sump # EAST		Fill Sump # 2K		Fill Sump #	
Sump Diameter:	42"		42"		42"			
Sump Depth:	5'		5'		5'			
Height from Tank Top to Top of Highest Piping Penetration:	20"		21"		25"			
Height from Tank Top to Lowest Electrical Penetration:	15"		17"		18"			
Condition of sump prior to testing:	GOOD		GOOD		GOOD			
Portion of Sump Tested	24"		27"		28"			
Sump Material:	FIBERGLASS		FIBERGLASS		FIBERGLASS			
Wait time between applying pressure/vacuum/water and starting test:	5 MINUTES		5 MINUTES		5 MINUTES			
Test Start Time:	10:50AM	11:08AM	10:50AM	11:08AM	12:02PM	12:18PM		
Initial Reading (R_I):	7.5439	7.5440	4.3692	4.3689	0.5073	2.1325		
Test End Time:	11:05AM	11:24AM	11:05AM	11:24AM	12:17PM	12:33PM		
Final Reading (R_F):	7.5439	7.5440	4.3689	4.3686	0.5072	2.1323		
Test Duration:	*(2) x 15min*		*(2) x 15min*		*(2) x 15min*			
Change in Reading (R_F-R_I):	-0.0000	-0.0000	-0.0003	-0.0003	-0.0001	-0.0002		
Pass/Fail Threshold or Criteria:	*-0.002*		*-0.002*		*-0.002*			
Test Result:	■ Pass ☐ Fail		■ Pass ☐ Fail		■ Pass ☐ Fail		☐ Pass ☐ Fail	
Is there a sensor in the sump?	■ Yes ☐ No		■ Yes ☐ No		■ Yes ☐ No		☐ Yes ☐ No	
Does the sensor alarm when either product or water is detected?	■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		☐ Yes ☐ No ☐ NA	
Was sensor removed for testing?	■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		☐ Yes ☐ No ☐ NA	
Was sensor properly replaced and verified functional after testing?	■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		■ Yes ☐ No ☐ NA		☐ Yes ☐ No ☐ NA	

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

9. SPILL/OVERFILL CONTAINMENT BOXES

Facility is Not Equipped With Spill/Overfill Containment Boxes ☐				
Spill/Overfill Containment Boxes are Present, but were Not Tested ☐				
Test Method Developed By:	☐ Spill Bucket Manufacturer	☑ Industry Standard	☐ Professional Engineer	☐ Other *(Specify)*
Test Method Used:	☐ Pressure	☐ Vacuum	☐ Hydrostatic	☑ Other *(Specify) VISUAL*
Test Equipment Used: *Incon ST-STS Sump Test System*		Equipment Resolution: *+/- 0.0001*		

	Spill Box # 1	Spill Box # 2	Spill Box # 3	Spill Box #
Bucket Diameter:	12"	12"	12"	
Bucket Depth:	15"	15"	15"	
Wait time between applying pressure/vacuum/water and starting test:	5 MINUTES	5 MINUTES	5 MINUTES	
Test Start Time:	12:30PM	12:32PM	12:35PM	
Initial Reading (R_I):	10"	11 ½"	9 ½"	
Test End Time:	1:30PM	1:32PM	1:35PM	
Final Reading (R_F):	10"	11 ½"	9 ½"	
Test Duration:	1 HOUR	1 HOUR	1 HOUR	
Change in Reading (R_F-R_I):	0	0	0	
Pass/Fail Threshold or Criteria:	*10"*	*11 ½"*	*9 ½"*	
Test Result:	■ Pass ☐ Fail	■ Pass ☐ Fail	■ Pass ☐ Fail	☐ Pass ☐ Fail

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

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DEPARTMENT OF PUBLIC WORKS

Appendix VI

(Copies of Monitoring System Certification form and UST Monitoring Plot Plan available at http://www.waterboards.ca.gov.)

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: Bank Of The West Bldg. No.:

Site Address: 1977 Saturn St City: Monterey Park Zip: 91755

Facility Contact Person: Joe Rubelo Contact Phone No.: (323) -727-3636

Make/Model of Monitoring System: VEEDERROOT TLS350 Date of Testing/Servicing: 10/12/2012

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: #1 EAST Diesel	Tank ID: 2.5 Diesel
☑ In-Tank Gauging Probe. Model: MAG 1	☐ In-Tank Gauging Probe. Model:
☐ Annular Space or Vault Sensor. Model:	☑ Annular Space or Vault Sensor. Model: 794380-349
☑ Piping Sump / Trench Sensor(s). Model: 794380-357	☑ Piping Sump / Trench Sensor(s). Model: 794380-208
☑ Fill Sump Sensor(s). Model: 794380-208	☑ Fill Sump Sensor(s). Model: 794380-208
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
☑ Tank/Overfill / High-Level Sensor. Model: Flapper Valve	☐ Tank/Overfill / High-Level Sensor. Model:
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID: #2 WEST Diesel	Tank ID:
☑ In-Tank Gauging Probe. Model: MAG 1	☐ In-Tank Gauging Probe. Model:
☐ Annular Space or Vault Sensor. Model:	☐ Annular Space or Vault Sensor. Model:
☑ Piping Sump / Trench Sensor(s). Model: 794380-357	☐ Piping Sump / Trench Sensor(s). Model:
☑ Fill Sump Sensor(s). Model: 794380-208	☐ Fill Sump Sensor(s). Model:
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
☑ Tank/Overfill / High-Level Sensor. Model: Flapper Valve	☐ Tank/Overfill / High-Level Sensor. Model:
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: DAY TANK 1-3	Dispenser ID:
☑ Dispenser Containment Sensor(s). Model: Float Sensor	☐ Dispenser Containment Sensor(s). Model:
☑ Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	Dispenser ID:
☐ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☐ Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	Dispenser ID:
☐ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☐ Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. **Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; (check all that apply):** ☐ System set-up ☑ Alarm history report

Technician Name (print): Rich Ruston Signature:

Certification No: 5246183-vt License No: 517336

Testing Company Name: Orange County Tank Testing Phone No.: (714) 776-0300

Testing Company Address: 225 N. Loara Street, Anaheim, CA 92801 Date of Testing/Servicing: 10/12/2012

D. Results of Testing/Servicing

Software Version Installed: 9.00

Complete the following checklist:

✔ Yes	☐ No*	Is the audible alarm operational?
✔ Yes	☐ No*	Is the visual alarm operational?
✔ Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
✔ Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No* ✔ N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
☐ Yes	☐ No* ✔ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* ☐ Sump/Trench Sensors; ☐ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☐ Yes; ☐ No.
☐ Yes	☐ No* ✔ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? _____ %
☐ Yes*	✔ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
✔ Yes*	☐ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product; ✔ Water. If yes, describe causes in Section E, below.
✔ Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
✔ Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments:

* Small Amount of Liquid Found in 2K Diesel Tank. Removed At Time of Inspection.

* Overfill Probes Tested with SIR93 Test on This Date

F. In-Tank Gauging / SIR Equipment:

☐ Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

✓ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
✓ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
✓ Yes	☐ No*	Was accuracy of system product level readings tested?
✓ Yes	☐ No*	Was accuracy of system water level readings tested?
✓ Yes	☐ No*	Were all probes reinstalled properly?
✓ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD): ✓ Check this box if LLDs are not installed.

Complete the following checklist:

☐ Yes	☐ No* ☐ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: ☐ 3 g.p.h.; ☐ 0.1 g.p.h.; ☐ 0.2 g.p.h.
☐ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☐ Yes	☐ No*	Was the testing apparatus properly calibrated?
☐ Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

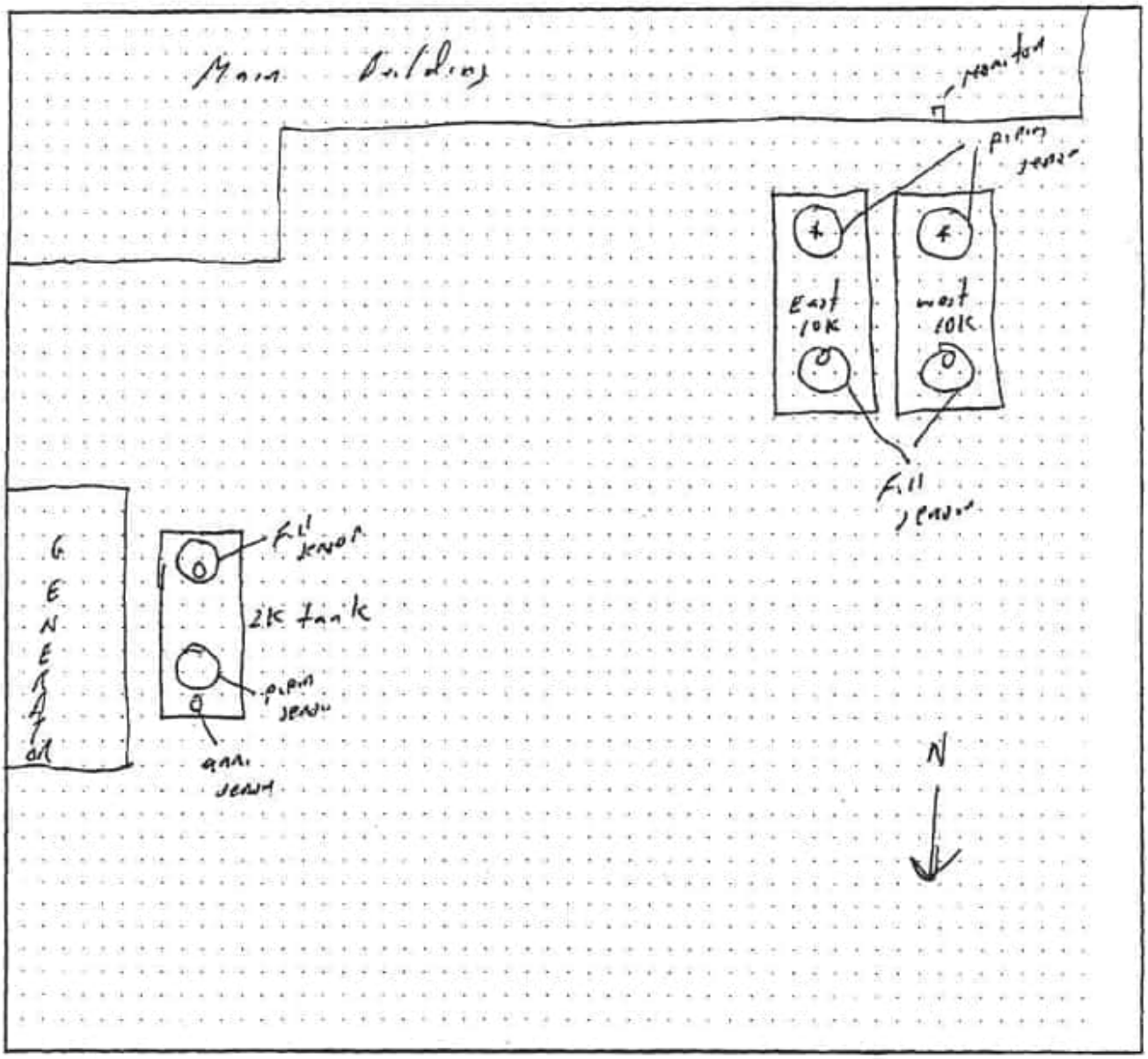
*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments:

Double Wall Suction System.

UST Monitoring Site Plan

Site Address: 1977 Saturn



Date map was drawn: 10/24/07

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors, and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

006994 - 007311 C732050

Owner Statements of Designated Underground Storage Tank (UST) Operator and Understanding of and Compliance with UST Requirements

Facility Name: Bank of The West	Facility ID #:
Facility Address: 1977 Saturn Ave Monterey Park, CA	Reason for Submitting this Form *(Check One)* X Change of Designated Operator Update Certificate Expiration Date
Facility Phone #:	

Designated UST Operator(s) for this Facility

PRIMARY

Designated Operator's Name: MARTIN SCHWARTZ	Relation to UST Facility *(Check One)*
Business Name ORANGE COUNTY TANK TESTING INC.	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone # 714-776-0300	☐ Service Technician X Third-Party
International Code Council Certification #: 5311570-UC	Expiration Date: 10-26-14

ALTERNATE 1 *(Optional)*

Designated Operator's Name: RICHARD RUSTON	Relation to UST Facility *(Check One)*
Business Name *(If different from above): OCTT*	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: 7140776-0300	☐ Service Technician X Third-Party
International Code Council Certification #: 5246183-UC	Expiration Date: 10-22-2014

ALTERNATE 2 *(Optional)*

Designated Operator's Name: TONY JONES	Relation to UST Facility *(Check One)*
Business Name *(If different from above): OCTT*	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: 714-776-0300	☐ Service Technician X Third-Party
International Code Council Certification #: 5252936-UC	Expiration Date: 1-06-13

I certify that, for the facility indicated at the top of this page, the individual(s) listed above will serve as Designated UST Operator(s). The individual(s) will conduct and document monthly facility inspections and annual facility employee training, in accordance with California Code of Regulations, title 23, section 2715(c) - (f).

Furthermore, I understand and am in compliance with the requirements (statutes, regulations, and local ordinances) applicable to underground storage tanks.

NAME OF TANK OWNER (Please Print): TRINIDAD STELLA

SIGNATURE OF TANK OWNER: Trinidad Stella

DATE: 11-20-12 **OWNER'S PHONE #:** 323 727 3017

NOTE: 1) SUBMIT THIS COMPLETED FORM TO THE LOCAL AGENCY (NOT THE STATE WATER RESOURCES CONTROL BOARD) BY JANUARY 1, 2005. THE LOCAL AGENCY LIST IS AVAILABLE AT: www.waterboards.ca.gov/ust/contacts/cupa_agys.html.

2) NOTIFY THE LOCAL AGENCY OF ANY CHANGES TO THIS INFORMATION WITHIN 30 DAYS OF THE CHANGE.

November 2004

Secondary Containment Testing Report Form

This form is intended for use by contractors performing periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, written test procedures, and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	Bank of the West	Date of Testing:	10/12/12
Facility Address:	1977 Saturn St, Monterey Park, CA 91755		
Facility Contact:		Phone:	
Date Local Agency Was Notified of Testing :		8/31/12 Notification # 3832	
Name of Local Agency Inspector *(if present during testing)*:		Miguel Cervantes LA County Public Works	

2. TESTING CONTRACTOR INFORMATION

Company Name:	Clean Air Testing		
Technician Conducting Test:	Steven Loara		
Credentials:	x CSLB Licensed Contractor	☐ SWRCB Licensed Tank Tester	
License Type:	C61 D40	License Number: 474291	

NOV 2012
DEPARTMENT OF PUBLIC WORKS

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires
ICC	California Service Tech – 8122800-UT	4/14/14
INCON	Level 4 Sump Test System – 5591163703	4/20/14

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
W. Diesel Fill Bucket	X				2K Annular	X			
W. Diesel Fill Sump	X				2K Fill Sump		X		
W. Diesel STP Sump	X				2K STP Sump	X			
W. Diesel Secondary Supply	X				2K Sec.Supply to Day Tank	X			
W. Diesel Secondary Vent	X				2K Sec Return from Day Tank	X			
W. Diesel Secondary Return	X				2K Fill Bucket	X			
E. Diesel Fill Bucket	X				2K Vent Secondary	X			
E. Diesel Fill Sump	X								
E. Diesel STP Sump		X							
E. Diesel Secondary Supply	X								
E. Diesel Secondary Vent	X								
E. Diesel Secondary Return	X								

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

Water kept in trailer mounted tank for re-use

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: Steven Loara Date: 10/12/12

4. TANK ANNULAR TESTING

Test Method Developed By:	☐ Tank Manufacturer ☐ Other *(Specify)*	x Industry Standard	☐ Professional Engineer
Test Method Used:	☐ Pressure ☐ Other *(Specify)*	x Vacuum	☐ Hydrostatic
Test Equipment Used: Liquid filled vacuum gauge		Equipment Resolution: 0 to-30 Hg	1/10

	Tank 2K Diesel	Tank DSL West	Tank DSL East	Tank
Is Tank Exempt From Testing?[1]	No	Yes	Yes	
Tank Capacity:	2,000	Single Wall	Single Wall	
Tank Material:	Steel/FRP			
Tank Manufacturer:	Modern Welding			
Product Stored:	Diesel			
Wait time between applying pressure/vacuum/water and starting test:	10 Min			
Test Start Time:	12:00			
Initial Reading (R_I):	-10.1 HG			
Test End Time:	1:00			
Final Reading (R_F):	-10.1 HG			
Test Duration:	1 Hr			
Change in Reading (R_F-R_I):	0			
Pass/Fail Threshold or Criteria:	0			
Test Result:	**Pass**	**NA**	**NA**	
Was sensor removed for testing?	Yes			
Was sensor properly replaced and verified functional after testing?	Yes			

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] Secondary containment systems where the continuous monitoring automatically monitors both the primary and secondary containment, such as systems that are hydrostatically monitored or under constant vacuum, are exempt from periodic containment testing. {California Code of Regulations, Title 23, Section 2637(a)(6)}

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer	x Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	x Pressure	☐ Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: Liquid filled pressure gauge		Equipment Resolution: 0-15 Psi 1/10	

	West supply	East Supply	West Return	East Return
Piping Material:	Fiberglass	Fiberglass	Fiberglass	Fiberglass
Piping Manufacturer:	AO Smith	AO Smith	AO Smith	AO Smith
Piping Diameter:	3"	3"	3"	3"
Length of Piping Run:	100 ft	100 ft	120 ft	120ft
Product Stored:	Diesel	Diesel	Diesel	diesel
Method and location of piping-run isolation:	W. Diesel STP Pressure	East Diesel STP Pressure	W. Diesel STP Pressure	E. Diesel STP Pressure
Wait time between applying pressure/vacuum/water and starting test:	10 min	10 min	10 min	10 min
Test Start Time:	8:30	8:30	8:30	8:30
Initial Reading (R_I):	5.5 PSI	5.5 PSI	5.2 PSI	5.0 PSI
Test End Time:	9:30	9:30	9:30	9:30
Final Reading (R_F):	5.5 PSI	5.5PSI	5.2 PSI	5.0 PSI
Test Duration:	1 hour	1 hour	1 hour	1 hour
Change in Reading (R_F-R_I):	0	0	0	0
Pass/Fail Threshold or Criteria:	0	0	0	0
Test Result:	Pass	Pass	Pass	Pass

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer ☐ Other *(Specify)*	x Industry Standard	☐ Professional Engineer
Test Method Used:	x Pressure ☐ Other *(Specify)*	☐ Vacuum	☐ Hydrostatic
Test Equipment Used: Liquid filled pressure gauge		Equipment Resolution: 0-15 Psi 1/10	

	East Vent	West Vent	2K Vent	
Piping Material:	Fiberglass	Fiberglass	fiberglass	
Piping Manufacturer:	AO Smith	AO Smith	AO Smith	
Piping Diameter:	3 inch	3 Inch	3 Inch	
Length of Piping Run:	100 ft	100 ft	50ft	
Product Stored:	Diesel	Diesel	Diesel	
Method and location of piping-run isolation:	Pressure E Fill Sump	Pressure W Fill Sump	Pressure 2 K fill sump	
Wait time between applying pressure/vacuum/water and starting test:	15 min	15 min	15 min	
Test Start Time:	9:30	9:30	9:30	
Initial Reading (R_I):	5.2 PSI	5.1 PSI	5.5 PSI	
Test End Time:	10:30	10:30	10:30	
Final Reading (R_F):	5.2 PSI	5.1 PSI	5.5 PSI	
Test Duration:	1 hour	1 hour	1 hour	
Change in Reading (R_F-R_I):	0	0	0	
Pass/Fail Threshold or Criteria:	0	0	0	
Test Result:	Pass	Pass	Pass	

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer ☐ Other *(Specify)*	x Industry Standard	☐ Professional Engineer
Test Method Used:	x Pressure ☐ Other *(Specify)*	☐ Vacuum	☐ Hydrostatic
Test Equipment Used: Liquid filled pressure gauge		Equipment Resolution: 0-15 Psi 1/10	

	2 K supply	2 K return		
Piping Material:	Fiberglass	Fiberglass		
Piping Manufacturer:	AO Smith	AO Smith		
Piping Diameter:	3 inch	3 Inch		
Length of Piping Run:	50 ft	50 ft		
Product Stored:	Diesel	Diesel		
Method and location of piping-run isolation:	Pressure 2k STP Sump	Pressure 2k STP Sump		
Wait time between applying pressure/vacuum/water and starting test:	15 min	15 min		
Test Start Time:	11:30	11:30		
Initial Reading (R_I):	5.4 PSI	5.0 PSI		
Test End Time:	10:30	10:30		
Final Reading (R_F):	5.4 PSI	5.0 PSI		
Test Duration:	1 hour	1 hour		
Change in Reading (R_F-R_I):	0	0		
Pass/Fail Threshold or Criteria:	0	0		
Test Result:	**Pass**	**Pass**		

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

6. PIPING SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer ☐ Other *(Specify)*	x Industry Standard	☐ Professional Engineer
Test Method Used:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	x Hydrostatic
Test Equipment Used: INCON TS-STS			Equipment Resolution: .0001

	Sump # W. DSL	Sump # E. Diesel	Sump # 2k DSL	
Sump Diameter:	40"	40"	40"	
Sump Depth:	70"	76"	50"	
Sump Material:	Fiberglass	Fiberglass	Fiberglass	
Height from Tank Top to Top of Highest Piping Penetration:	22"	24"	22"	
Height from Tank Top to Lowest Electrical Penetration:	16"	18"	19"	
Condition of sump prior to testing:	Fair	Fair	Fair	
Portion of Sump Tested[2]	2" Above Highest Penetration			
Does turbine shut down when sump sensor detects liquid (both product and water)?*	Yes	Yes	Yes	
Turbine shutdown response time	NA	NA	NA	
Is system programmed for fail-safe shutdown?*	NA	NA	NA	
Was fail-safe verified to be operational?*	NA	NA	NA	
Wait time between applying pressure/vacuum/water and starting test:	10 Min	10 Min	10 Min	
Test Start Time:	9:53 10:09	9:53 10:09	11:53 12:10	
Initial Reading (R_I):	5.4237 5.4235	5.1692 5.1417	4.4065 4.4057	
Test End Time:	10:08 10:24	10:08 10:24	12:09 12:26	
Final Reading (R_F):	5.4235 5.4240	5.1465 5.1170	4.4060 4.4045	
Test Duration:	15 Min 15 Min	15 Min 15 Min	15 Min 15 Min	
Change in Reading (R_F-R_I):	-.0002 .0005	-.0227 -.0247	-.0005 -.0012	
Pass/Fail Threshold or Criteria:	+/-.002	+/-.002	+/-.002	
Test Result:	Pass	Fail	Pass	
Was sensor removed for testing?	Yes	Yes	Yes	
Was sensor properly replaced and verified functional after testing?	Yes	Yes	Yes	

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

E Diesel STP Needs 3 Penetrations- 1 Piping & 2-Electrical Fittings. Permit, Repairs, and Re-test required.

[2] If the entire depth of the sump is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire sump must be tested. (See SWRCB LG-160)

7. UNDER-DISPENSER CONTAINMENT (UDC) TESTING

Test Method Developed By:	☐ UDC Manufacturer ☐ Other *(Specify)*	x Industry Standard	☐ Professional Engineer	
Test Method Used:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	x Hydrostatic	
Test Equipment Used: INCON TS-STS			Equipment Resolution: .0001	

	UDC #	UDC #	UDC#	UDC#
UDC Manufacturer:				
UDC Material:				
UDC Depth:				
Height from UDC Bottom to Top of Highest Piping Penetration:				
Height from UDC Bottom to Lowest Electrical Penetration:				
Condition of UDC prior to testing:				
Portion of UDC Tested[3]	2" Above Highest Penetration			
Does turbine shut down when UDC sensor detects liquid (both product and water)?[4*]				
Turbine shutdown response time				
Is system programmed for fail-safe shutdown?*				
Was fail-safe verified to be operational?*				
Wait time between applying pressure/vacuum/water and starting test				
Test Start Time:				
Initial Reading (R_I):				
Test End Time:				
Final Reading (R_F):				
Test Duration:				
Change in Reading (R_F-R_I):				
Pass/Fail Threshold or Criteria:				
Test Result:				
Was sensor removed for testing?				
Was sensor properly replaced and verified functional after testing?				

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

NO UDC's

[3] If the entire depth of the UDC is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire UDC must be tested. (See SWRCB LG-160)

8. FILL RISER CONTAINMENT SUMP TESTING

Facility is Not Equipped With Fill Riser Containment Sumps ☐				
Fill Riser Containment Sumps are Present, but were Not Tested ☐				
Test Method Developed By:	☐ Sump Manufacturer ☐ Other *(Specify)*	x Industry Standard	☐ Professional Engineer	
Test Method Used:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	x Hydrostatic	
Test Equipment Used: INCON TS-STS			Equipment Resolution: .0001	

	Fill Sump # W DSL	Fill Sump # E DSL	Fill Sump #2kDSL	Fill Sump #
Sump Diameter:	38"	38"	38"	
Sump Depth:	69"	70"	50"	
Height from Tank Top to Top of Highest Piping Penetration:	18"	20"	26"	
Height from Tank Top to Lowest Electrical Penetration:	16"	17"	18"	
Condition of sump prior to testing:	Fair	Fair	Fair	
Portion of Sump Tested	**2" Above Highest Penetration**			
Sump Material:				
Wait time between applying pressure/vacuum/water and starting test:	10 Min	10 Min	10 Min	
Test Start Time:	8:59 9:15	8:59 9:15	11:53 12:10	
Initial Reading (R_I):	5.4417 5.4405	3.8063 3.8062	4.8360 4.7074	
Test End Time:	9:14 9:30	9:14 9:30	12:09 10:26	
Final Reading (R_F):	5.4413 5.4399	3.8062 3.8060	4.7318 4.6190	
Test Duration:	15 Min 15 Min	15 Min 15 Min	15 Min 15 Min	
Change in Reading (R_F-R_I):	-.0004 -.0006	-.0001 -.0002	-.1042 -.0884	
Pass/Fail Threshold or Criteria:	+/-.002	+/-.002	+/-.002	
Test Result:	Pass	Pass	Fail	
Is there a sensor in the sump?	Yes	Yes	Yes	
Does the sensor alarm when either product or water is detected?	NA	NA	NA	
Was sensor removed for testing?	Yes	Yes	Yes	
Was sensor properly replaced and verified functional after testing?	Yes	Yes	Yes	

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

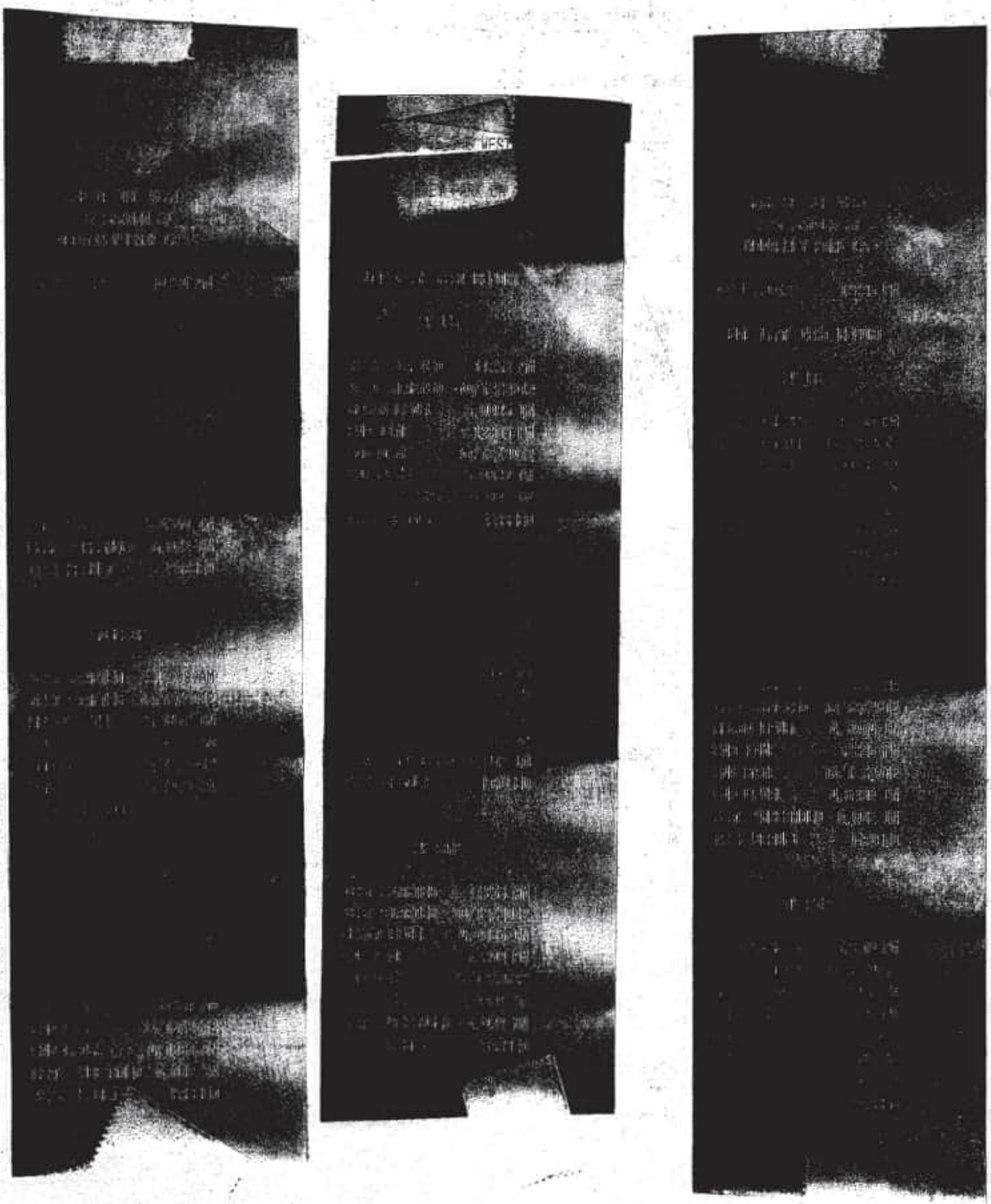
2K fill needs to replace 2 piping & 2-electrical penetration fittings. Permits, Repairs, & Re-test will be required.

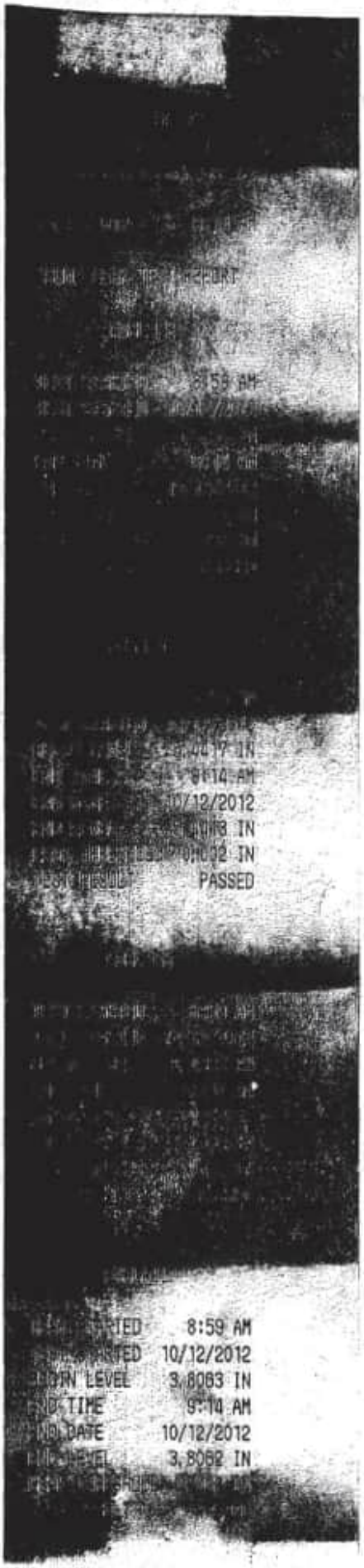
9. SPILL/OVERFILL CONTAINMENT BOXES

Facility is Not Equipped With Spill/Overfill Containment Boxes ☐			
Spill/Overfill Containment Boxes are Present, but were Not Tested ☐			
Test Method Developed By:	☐ Spill Bucket Manufacturer ☐ Other *(Specify)*	x Industry Standard	☐ Professional Engineer
Test Method Used:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	x Hydrostatic
Test Equipment Used: INCON TS-STS		Equipment Resolution: .0001	

	Spill Box # E DSL		Spill Box # W Diesel		Spill Box # 2K DSL		
Bucket Diameter:	12"		12"		12"		
Bucket Depth:	13"		13"		13"		
Wait time between applying pressure/vacuum/water and starting test:	10 Min		10 Min		10 Min		
Test Start Time:	9:53	10:09	8:59	9:15	11:53	12:10	
Initial Reading (R_I):	4.1094	4.1092	6.5208	6.5204	5.0095	5.0088	
Test End Time:	10:08	10:24	9:14	9:30	12:09	12:26	
Final Reading (R_F):	4.1092	4.1091	6.5205	6.5202	5.0089	5.0074	
Test Duration:	15 Min	15 Min	15 Min	15 Min	15 Min	15 Min	
Change in Reading (R_F-R_I):	-.0002	-.0001	-.0003	-.0002	-.0006	-.0014	
Pass/Fail Threshold or Criteria:	**+/-.002**		**+/-.002**		**+/-.002**		
Test Result:	**Pass**		**Pass**		**Pass**		

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*




PASSED
8:59 AM
10/12/2012
3.8083 IN
9:14 AM
10/12/2012
3.8082 IN


PASSED
9:15 AM
10/12/2012
3.8082 IN
9:30 AM
10/12/2012
3.8080 IN


5.1692 IN
0.002 IN
FAILED

BH
CTES

6994 - 731

Appendix VI

(Copies of Monitoring System Certification form and UST Monitoring Plot Plan available at http://www.waterboards.ca.gov.)

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A General Information

Facility Name: Bank Of The West Bldg. No.:

Site Address: 1977 Saturn St. City: Monterey Park Zip: 91755

Facility Contact Person: Joe Contact Phone No.: (323) -727-3636

Make/Model of Monitoring System: Veeder-Root TLS 350 Date of Testing/Servicing: 10/7/2011

B Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: #1 Diesel East	**Tank ID:** #3 2K Diesel
■ In-Tank Gauging Probe. Model: MAG1	□ In-Tank Gauging Probe. Model:
□ Annular Space or Vault Sensor. Model:	■ Annular Space or Vault Sensor. Model: 794580-344
■ Piping Sump / Trench Sensor(s). Model: 794380-268	■ Piping Sump / Trench Sensor(s). Model: 794380-208
■ Fill Sump Sensor(s). Model: 794380-208	■ Fill Sump Sensor(s). Model: 794380-208
□ Mechanical Line Leak Detector. Model:	□ Mechanical Line Leak Detector. Model:
□ Electronic Line Leak Detector. Model:	□ Electronic Line Leak Detector. Model:
■ Tank/Overfill / High-Level Sensor. Model: Flapper Valve	□ Tank/Overfill / High-Level Sensor. Model:
□ Other (specify equipment type and model in Section E on Page 2).	□ Other (specify equipment type and model in Section E on Page 2).
Tank ID: #2 Diesel West	**Tank ID:**
■ In-Tank Gauging Probe. Model: MAG 1	□ In-Tank Gauging Probe. Model:
□ Annular Space or Vault Sensor. Model:	□ Annular Space or Vault Sensor. Model:
■ Piping Sump / Trench Sensor(s). Model: 794380-351	□ Piping Sump / Trench Sensor(s). Model:
■ Fill Sump Sensor(s). Model: 794380-208	□ Fill Sump Sensor(s). Model:
□ Mechanical Line Leak Detector. Model:	□ Mechanical Line Leak Detector. Model:
□ Electronic Line Leak Detector. Model:	□ Electronic Line Leak Detector. Model:
■ Tank/Overfill / High-Level Sensor. Model: Flapper Valve	□ Tank/Overfill / High-Level Sensor. Model:
□ Other (specify equipment type and model in Section E on Page 2).	□ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: Day Tank	**Dispenser ID:**
✔ Dispenser Containment Sensor(s). Model:	□ Dispenser Containment Sensor(s). Model:
□ Shear Valve(s).	□ Shear Valve(s).
□ Dispenser Containment Float(s) and Chain(s).	□ Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	**Dispenser ID:**
□ Dispenser Containment Sensor(s). Model:	□ Dispenser Containment Sensor(s). Model:
□ Shear Valve(s).	□ Shear Valve(s).
□ Dispenser Containment Float(s) and Chain(s).	□ Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	**Dispenser ID:**
□ Dispenser Containment Sensor(s). Model:	□ Dispenser Containment Sensor(s). Model:
□ Shear Valve(s).	□ Shear Valve(s).
□ Dispenser Containment Float(s) and Chain(s).	□ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C 695033

C. **Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; (check all that apply):** ■ **System set-up** ■ **Alarm history report**

Technician Name (print): Rich Ruston Signature:

Certification No.: 5246183-vt A90050 License No.: 517336

Testing Company Name: Orange County Tank Testing Phone No.: (714) 776-0300

Testing Company Address: 225 N. Loara Street, Anaheim, CA 92801 Date of Testing/Servicing: 10/7/2011

D. Results of Testing/Servicing

Software Version Installed: 9.0

Complete the following checklist:

✓ Yes	No*	Is the audible alarm operational?
✓ Yes	No*	Is the visual alarm operational?
✓ Yes	No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
✓ Yes	No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
Yes	No* ✓ N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
Yes	No* ✓ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* Sump/Trench Sensors; Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? Yes; No.
Yes	No* ✓ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? _____ %
Yes*	✓ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
✓ Yes*	No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* Product; Water. If yes, describe causes in Section E, below.
✓ Yes	No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
✓ Yes	No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments:

Small Amount of Water Removed at time of Inspection.

F. In-Tank Gauging / SIR Equipment:

Check this box if tank gauging is used only for inventory control.
Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

✓ Yes	No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
✓ Yes	No*	Were all tank gauging probes visually inspected for damage and residue buildup?
✓ Yes	No*	Was accuracy of system product level readings tested?
✓ Yes	No*	Was accuracy of system water level readings tested?
✓ Yes	No*	Were all probes reinstalled properly?
✓ Yes	No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD): ✓ Check this box if LLDs are not installed.

Complete the following checklist:

Yes	No* N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: 3 g.p.h.; 0.1 g.p.h ; 0.2 g.p.h.
Yes	No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
Yes	No*	Was the testing apparatus properly calibrated?
Yes	No* N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
Yes	No* N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
Yes	No* N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
Yes	No* N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
Yes	No* N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
Yes	No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments:

Double Wall Suction System

SWRCB, January 2006

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name: Bank Of The West	Date of Testing: 10/7/2011
Facility Address: 1977 Saturn St.	
Facility Contact: Joe	Phone: 323-727-3636
Date Local Agency Was Notified of Testing:	
Name of Local Agency Inspector *(if present during testing)*: WARREN WATANABE	

2. TESTING CONTRACTOR INFORMATION

Company Name: ORANGE COUNTY TANK TESTING
Technician Conducting Test: Rich Ruston
Credentials [1]: ☐ CSLB Contractor ■ XICC Service Tech. ☐ SWRCB Tank Tester ☐ Other *(Specify)*
License Number(s): 517336 UT

3. SPILL BUCKET TESTING INFORMATION

Test Method Used: ■ Hydrostatic ☐ Vacuum ☐ Other

Test Equipment Used: VISUAL — Equipment Resolution:

Identify Spill Bucket: *(By Tank Number, Stored Product, etc.)*	1 WEST FILL	2 EAST FILL	3 2K Fill	4
Bucket Installation Type:	☐ Direct Bury ■ Contained in Sump	☐ Direct Bury ■ Contained in Sump	☐ Direct Bury ■ Contained in Sump	☐ Direct Bury ☐ Contained in Sump
Bucket Diameter:	12"	12"	12"	
Bucket Depth:	15"	15"	15"	
Wait time between applying vacuum/water and start of test:	15 MIN.	15 MIN.	15 MIN.	15 MIN.
Test Start Time (T_I):	9:00A	9:00A	9:00A	
Initial Reading (R_I):	9.75"	9.5"	9.00"	
Test End Time (T_F):	10:00A	10:00A	10:00A	
Final Reading (R_F):	9.75"	9.5"	9.00"	
Test Duration ($T_F - T_I$):	1HR.	1HR.	1HR	
Change in Reading ($R_F - R_I$):	-.00	-.00	-.00	
Pass/Fail Threshold or Criteria:	±.00	±.00	±.00	
Test Result:	■ Pass ☐ Fail	■ Pass ☐ Fail	■ Pass ☐ Fail	☐ Pass ☐ Fail

Comments - *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

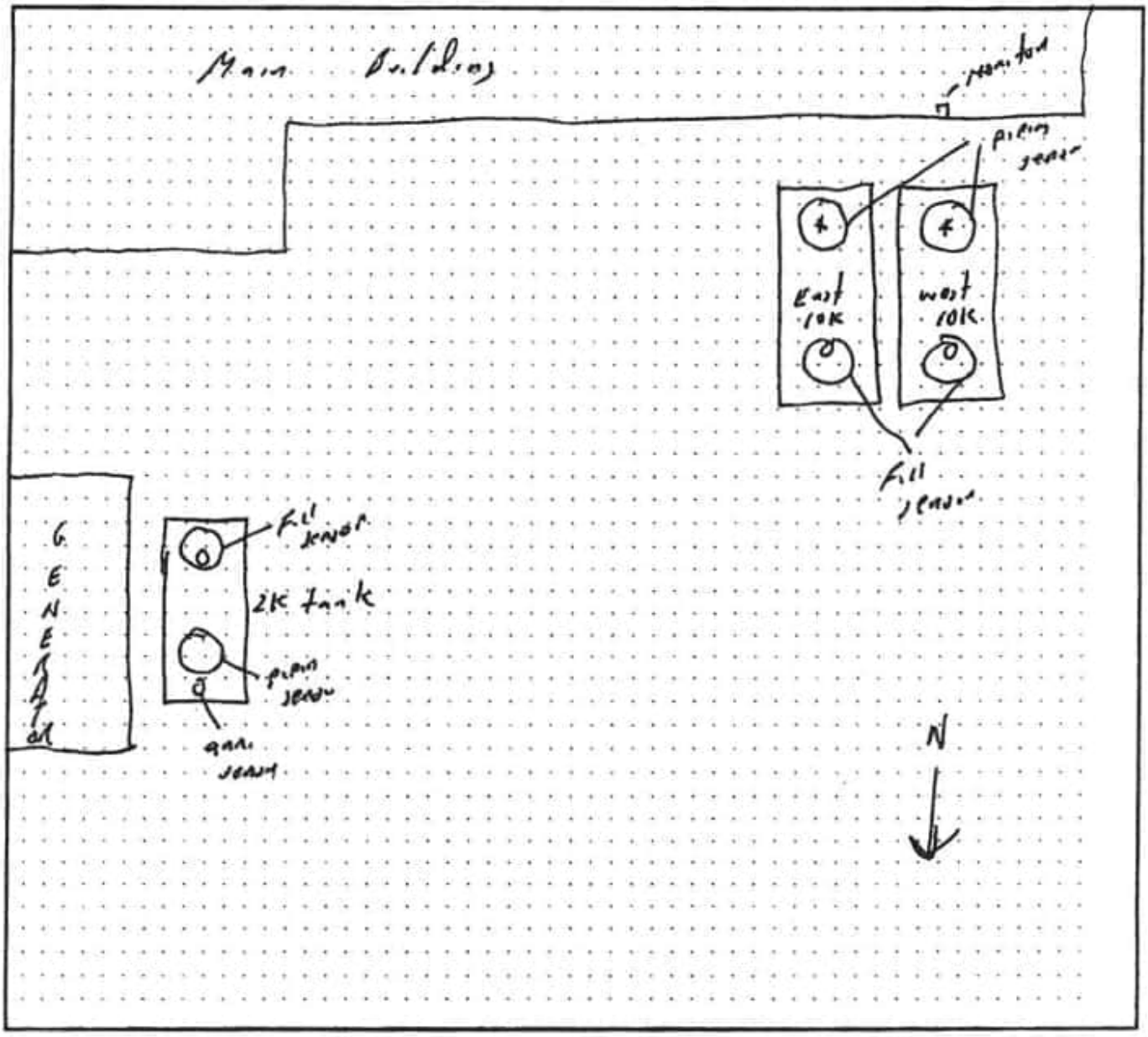
I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature: _____ Date: 10/7/11

[1] State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirement

UST Monitoring Site Plan

Site Address: 1977 Saturn



Date map was drawn: 12/4/07

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

Orange County Tank Testing Inc.
225 N. Loara
Anaheim, Ca 92801
714-776-0300
Fax 714-778-5105

9-26-11

To: COUNTY OF L. A. / CUPA

Attn: JOE BAIOCCO

From: Larry Henry

Job Site: Bank of the West
1977 Saturn St.
Monterey Park, Ca 91755

ANNUAL MONITOR & OVERSPILL BUCKET TEST

10-07-11 @ 9:00AM

Please Confirm

Faxed 1 Page

MONTEREY PARK FIRE DEPARTMENT

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

August 1, 1991

IN REPLY PLEASE
REFER TO FILE: WM-1
I-7311-3M

Sanwa Bank California
1977 Saturn Street
Monterey Park, CA 91754

Attention Mr. Fred Adams

HAZARDOUS MATERIALS UNDERGROUND STORAGE
UNAUTHORIZED DISCHARGE OF HAZARDOUS MATERIAL
FACILITY AT: 1977 SATURN STREET, MONTEREY PARK
TANK/PIPING NUMBER OR IDENTIFICATION: _____

It has come to the attention of this Department that an unauthorized discharge of hazardous material may have occurred at the above facility. Due to the threat of this discharge reaching the water table and creating a serious groundwater problem, a site investigation must be performed. The investigation is required because of the following:

[ ] Tank integrity test failure.
[ ] Piping integrity test failure.
[ ] Soil or groundwater analysis results indicates significant contamination.
[ ] Inventory reconciliation discrepancy.
[X] Monitoring system indicates leakage.
[X] Other Re-certification of the monitoring system is also required from a technician certified by the manufacturer.

Pursuant to Chapter 11.76 of the Los Angeles County Code, you are required to provide this office with a written report by September 15, 1991 containing the following information:

A. Past contents of the subject tank(s).
B. Estimated quantity of discharged material.
C. A hydrogeological report containing boring locations and logs, a definition of local geology and depth to groundwater.
D. Soil and/or groundwater analysis results reported on laboratory letterhead.
E. Chain of custody documentation for all samples obtained.
F. Vertical and lateral extent of hazardous material migration.
G. Cleanup and mitigation measures, or demonstration to a satisfactory degree that no hazards due to leaks exist.
H. Repairs to piping or tank(s) and retest results of piping or tank(s) failed initial integrity test.

The written report must be prepared under the supervision of and signed by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils.

Soil samples shall be obtained at depths of 5, 10, 15, 20, 30, and 40 feet below grade for tanks, and/or at appropriate locations and depths along any appurtenant piping. The number and location of borings shall be sufficient in quantity and nature to accurately define the extent of contamination.

All soil samples shall be analyzed by a California Department of Health Services certified laboratory equipped for the type of analysis to be conducted. Soil samples must be analyzed individually without compositing. All soil and groundwater samples to be analyzed for total petroleum hydrocarbons shall be prepared using EPA Method 5020 or 5030 and analyzed using EPA Method 8015, except EPA Method 418.1 shall be used for waste oil and may be used for diesel fuel or other heavier petroleum products. Groundwater samples, and soil samples close to the water table, shall also be analyzed using EPA Method 8020 or 8240.

If groundwater is encountered at any time during the site assessment, a groundwater monitoring well shall be established at a downgradient location. A permit for either the construction or destruction of a groundwater monitoring well is required from the Los Angeles County Department of Health Services. After proper development (four well volumes minimum), a groundwater sample shall be obtained and analyzed for all past tank constituents and results reported as parts per billion.

If you have any questions concerning this matter, please contact Mr. John Awujo at (818) 458-3507.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

By John Awujo
Waste Management Division

cc: EMCON

SI101 3/88
104158

Sanwa Bank
California

1977 Saturn Street
Monterey Park, California 91754

August 22, 1991

Chief Kurt Latipow, Fire Marshall
Monterey Park Fire Department
320 West Newmark Street
Monterey Park, Ca., 91754

Re: Temporary Repair Activities
UST Fuel Line Excavation

Dear Chief Latipow,

As you requested during telephone conversations with our consultant, David Reveley, EMCON Associates, Sanwa Bank would like to inform you of the intended temporary repair of the damaged fuel line for the west underground storage tank at the Sanwa Bank Operations Center, 1977 Saturn St., Monterey Park.

The damaged single-walled copper fuel line was discovered following use of west fuel tank on July 28, 1991. The damaged line has been uncovered, and there currently is an excavation pit at the site. The purpose of the intended temporary repair is to reduce the potential for an accident occurring at the excavation pit.

The C. E. Thomas Company has been contracted to perform the repair measures which include the capping of the damaged fuel line, and the backfilling of the excavation pit with clean stockpiled soil currently adjacent to the excavation.

Following the temporary repair, Sanwa will submit a report to the Los Angeles County Department of Public Works, (LACDPW) regarding the nature of the release incident and the mitigation measures performed thus far. Sanwa will then submit a request to the LACDPW to obtain a permit to remove the entire damaged fuel line and replace it with a double walled fuel line meeting the appropriate Uniform Fire Code standards. Sanwa will also perform any additional site assessment measures, if any, as requested by the LACDPW.

We appreciate the cooperation and patient assistance you have demonstrated on our behalf in helping us resolve this matter.

Please give me a call at (213) 727-3264 if you have any questions.

Fred Adams
Facility Manager
Sanwa Bank Operations Center

cc: John Awujo LACDPW
David Reveley, EMCON

Sanwa Bank
California

Interoffice Correspondence

To: Joan Ring
Manager of Security

Date: October 12, 1991

From: Bank Properties

Re: Security Building Rounds

Mail Sort: 0A-2 Ext: 3264

cc: Joe Rebelo

The utility building is very close to being on line. The equipment is powered up and is being tested. As such we are now at the point where I would like to request that the building and some of the remote alarms be included in the building rounds by the Security Officers.

There are three areas that should be included in the rounds.

1. Warehouse--There is an additional fuel leak detector system installed in the warehouse adjacent to the "leak sensor jr." panel. The new panel is a "trace-tek" system, and monitors the fuel line between the main building and the new generators.

   Since you are already monitoring the original "leak sensor jr." panel during your rounds, please add the "trace-tek" panel.

2. The Main Switchgear Room in the main building contains a number of remote panels. Two of these panels are not remoted to the security console. Please include this room on your regular building rounds.

   a. The remote fuel panel contains a number of red lights, all labeled, a very loud alarm and a silence button. If you hear the alarm, silence the alarm and notify the engineer on duty advising what lights are on.

   b. The air conditioning remote panel--DATA AIRE is also located in this room. If there is an alarm, silence the alarm and advise the engineer on duty.

3. The Utility Building--There are four rooms in this building, I have attached a drawing of the building with the layout of the equipment. You should monitor for:

   audible alarms

   continuous fuel spills

smoke and fire

halon discharge

Air conditioning--at least one unit on the east walls of the UPS roomshould be on at all times.

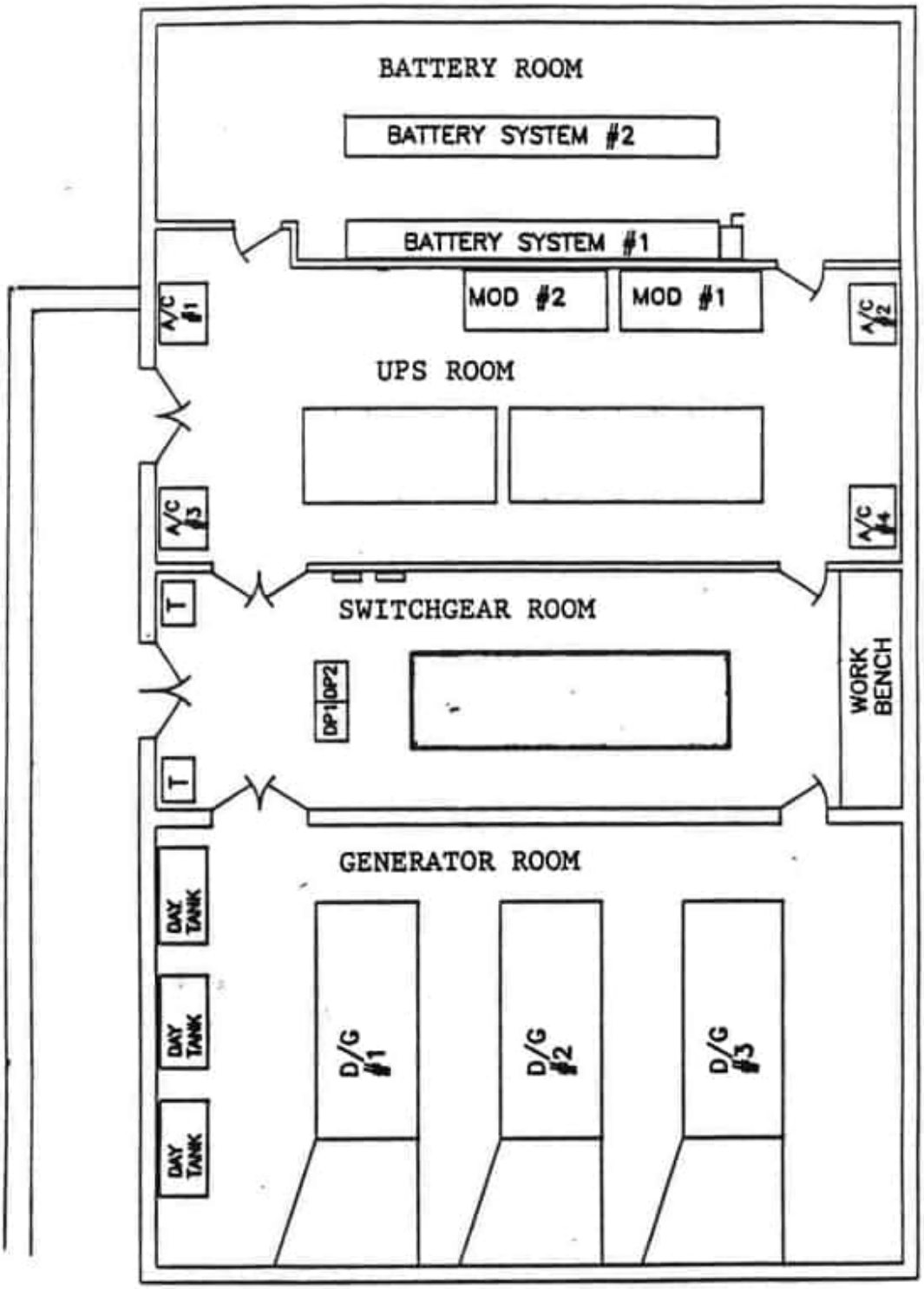
Doors--all five doors to/from the UPS room should be closed at all times, unless otherwise advised by the building engineers.

Battery room--temperature should be comfortable to cool.

Please give me a call to discuss this request. We will be happy to set up a time for an instructional tour for your supervisors and lead men.

Fred Adams
Facility Manager, MPOC

PROJECT:	SANWA OPERATIOI CENTER MANUAL	FIGURE #5	DATE: 10/15/91
TITLE:	UTILITY BUILDING PLAN – ROOM LAYOUT	BY: A. CHALK	JOB NO: 89–195H



UTILITY BUILDING PLAN

SCALE: 3/32" = 1'–0"

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100

HARRY W. STONE, Director

ADDRESS ALL CORRESPONDENCE TO
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE
REFER TO FILE: EP-1
006994-I07311

December 7, 1998

Mr. Jerry Wombacher
Fire Marshal
City of Monterey Park
320 West Newmark Avenue
Monterey Park, CA 91754

Dear Mr. Wombacher:

INDUSTRIAL WASTEWATER DISCHARGE PERMIT(S) NO. 9805
CLOSURE AUTHORIZATION

Enclosed is a copy of authorization #242142, submitted for the closure of industrial waste disposal permit #9805. Original documents were handed to the applicant at our public counter on December 2, 1998.

If you have any questions regarding this matter, please contact Ms. Nardy Drew of this office at (626) 458-3511, Monday through Thursday, 7:00 a.m. to 5:30 p.m.

Very truly yours,

HARRY W. STONE
Director of Public Works

Hossein Torabzadeh

HOSSEIN TORABZADEH
Supervising Civil Engineer I
Environmental Programs Division

ND:nh
MIC11\WOMB

Enc.

Attch.

MONTEREY PARK CITY HALL

1:02PM Dec 2/98
0-0000 001 CASH 2
30095

TYPE DESCRIPTION
1977 SATURN ST B LVL
REF REFERENCE 6235
7310010068S
WASTE FE$225.00

CITY OF MONTEREY PARK

FIRE DEPARTMENT

PERMIT / PLAN CHECK

PERMIT Nº 6235

STALLATION _____

M _____

ECK _____

4. FLAMMABLE LIQUIDS STORAGE _____

5. FUMIGATION _____

6. HAZARDOUS MATERIALS _____

Other: APPLICATION FOR CLOSURE

ION: 1977 SATURN ST B LEVEL IN _____ OUT _____

D: (name) WILSON CONSTRUCTION CO PHONE _____

12382 GARDEN GROVE BLVD City GARDEN GROVE Zip 92843

ATTN: F

BRIEFLY DESCRIBE OPERATION(S). IF APPLYING FOR A FUMIGATI(

APPLICATION FOR CLOSURE

Sanwa Bank California

Fernando Garza
Project Management Consultant
Bank Properties Department

Monterey Park Service Center
1977 Saturn Street
Monterey Park, CA 91755
213/727-3363 Fax 213/727-6688
Pager 213/969-3218

The conditions, surroundings, and arrangements shall be according to Fi
shall be subject to periodic inspection for compliance of those regulations
subject to revocation for failure to comply with those fire regulations and c
inspection. This permit is not an approval where Zoning, Planning or Building Regulations are concerned. This permit is not transferable and must be posted in a conspicuous place on premises designated herein. Any change in use, occupancy, or capacity shall require a new permit.

Applicant's Signature

n/a
Expiration Date:

FOR CASHIER'S USE ONLY

Dec 2/98 001#80095 CASH 2
IND/WASTE FE$225.00

FIRE DEPARTMENT USE ONLY

THIS PERMIT IS: APPROVED (XX DENIED ( )

AMOUNT COLLECTED: $225.00

CHRISTINE BRAVO 626 307-1308
Fire Department Rep. (title)

Date 12/2/98

City Acct. # 10-685

White - Applicant -- Yellow - Fire Department -- Pink Finance

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100

HARRY W. STONE, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

DEC 02 1998

Ms. Patricia Moore
Sanwa Bank of California
1977 Saturn St, MC OA2
Monterey Park, CA 91755

IN REPLY PLEASE
REFER TO FILE: EP-1
006994-107311

CLOSURE AUTHORIZATION A242142
INDUSTRIAL WASTE FACILITY
1977 Saturn St, Monterey Park (3M)

Enclosed is your copy of closure authorization for the removal/closure in place of the industrial waste facility named thereon. Compliance with conditions listed on the reverse side of the authorization is necessary to ensure proper closure. You will need to contact the office indicated on the enclosed list no later than 72-hours prior to the start of work. Please note that inspectors can be contacted from 8:00 a.m. to 9:30 a.m. Monday through Friday only.

If you have any questions regarding this matter, please contact Nardy Drew of this office at (626) 458-3511, Monday through Thursday, 7:00 a.m. to 5:30 p.m.

Very truly yours,

HARRY W. STONE
Director of Public Works

Nardy K Drew

for HOSSEIN TORABZADEH
Supervising Civil Engineer I
Environmental Programs Division

IW1\CLOSURE

Enc.

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC
WA MANAGEMENT DIVISION–INDUSTRIAL WASTE CONTROL GRAM
900 S. FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331

A242142

APPLICATION FOR CLOSURE

FILE 6994-17311	R/C 3M
FEE $ 225.00	
CHECK ☐	CASH ☐

FACILITY/SITE INFORMATION & ADDRESS

FACILITY/SITE NAME SANWA BANK CALIFORNIA	C/O PAT MONROE
ADDRESS 1977 SATURN ST. ('B' LEVEL)	CROSS STREET POTRERO GRANDE
CITY MONTEREY PARK STATE CA ZIPCODE 91755	PHONE (213) - 727-3265
EMERGENCY CONTACT SAME	PHONE (909) - 591-7597

PROPERTY OWNER INFORMATION & ADDRESS

FACILITY/SITE NAME SANWA BANK CALIFORNIA	C/O PATRICIA MONROE
MAILING ADDRESS 1977 SATURN ST. MAIL CODE OA2	ASSISTANT V.P, SR. FACILITY MANAGER
CITY MONTEREY PARK STATE CA ZIPCODE 91755	PHONE ( ) -

CONTRACTOR INFORMATION & ADDRESS — OWNER/OPERATOR AS CONTRACTOR ☐

FACILITY/SITE NAME WILSON CONSTRUCTION CO.	C/O JAMES WILSON
MAILING ADDRESS 12382 GARDEN GROVE BLVD.	CONTRACTOR LICENSE NO. 617078
CITY GARDEN GROVE STATE CA ZIPCODE 92843	PHONE (714) - 539 - 8956

CLOSURE REQUESTED

☐ PERMANENT, FACILITY REMOVAL (SEE CONDITIONS A, B, C, E and F on back)

☒ PERMANENT, CLOSURE IN PLACE (SEE CONDITIONS A, B, C, D and F on back)

DESCRIPTION OF WASTE GENERATING OPERATIONS TO BE CLOSED

TYPE OF BUSINESS OPERATIONS CTR/OFFICE	IW PERMIT NUMBER 9805
FEDERAL SIC CODE	WASTEWATER PRODUCTING OPERATIONS FILM PROCESSING
FACILITY(S) TO BE CLOSED FLOOR SINK -	

COMPLETE THE FOLLOWING:

	YES	NO
HAS AN UNAUTHORIZED RELEASE EVER OCCURRED AT THIS SITE?	☐	☒
HAVE STRUCTURAL REPAIRS EVER BEEN MADE TO THIS FACILITY?	☐	☒
WILL NEW FACILITIES BE INSTALLED AFTER CLOSURE?	☐	☒
WILL INDUSTRIAL WASTE GENERATING OPERATION REMAIN AFTER CLOSURE?	☐	☒

>> IF THE ANSWER TO ANY QUESTION ABOVE IS YES, ATTACH EXPLANATION <<

NOTICE: WASTEWATER, RESIDUES THAT MAY BE LEFT IN FACILITIES TO BE CLOSED AND CONTAMINATED SOILS MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

BY SIGNATURE BELOW AND UNDER PENALTY OF PURGERY, THE APPLICANT CERTIFIES THAT ALL STATEMENTS AND DISCLOSURES ABOVE ARE TRUE AND CORRECT AND THAT THEY HAVE READ AND AGREE TO ABIDE BY THIS CLOSURE AUTHORIZATION AND ALL CONDITIONS AND LIMITATIONS ON THE REVERSE SIDE OF THIS FORM AND ADDITIONAL CONDITIONS THAT MAY BE ATTACHED.

APPLICANTS SIGNATURE Patricia A. Monroe	DATE 12/2/98
(PRINT NAME) PATRICIA A. MONROE	PHONE (213) - 727-3265
AS: OWNER ☐ OPERATOR ☐ CONTRACTOR ☐	

To be completed by the Department of Public Works

PURSUANT TO SECTION 20.36.220, LOS ANGELES COUNTY CODE*, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS. THIS AUTHORIZATION EXPIRES 180 DAYS FROM THE DATE BELOW.

T. A. TIDEMANSON
Director of Public Works

BY Marilyn K. Dyer DATE 12/2/98

MC, Chapt 14.04

* ☒ CITY MUNICIPAL CODE SECTIONS APPLY.

38-0028 DPW 1/92

AUTHORIZATION FOR CLOSURE
INDUSTRIAL WASTE CONTROL PROGRAM
CONDITIONS AND LIMITATIONS

A - GENERAL

1. This closure authorization is limited to closure of industrial wastewater pretreatment facilities NOT permitted as hazardous waste treatment units pursuant to Chapter 6.5, California Health & Safety Code, or underground storage tanks pursuant to Title 11, Division 4, Los Angeles County Code.
2. All work shall be carried out in full compliance with all applicable Federal, State and local laws, ordinances, rules and regulations.
3. The Waste Management Division (WMD) shall be notified in writing 30 days in advance of any facility closure unless this requirement is specifically waved by the Director of Public Works.
4. The applicant shall demonstrate that no pollution or nuisance will be created by the proposed closure.
5. All fees due to WMD for the operation and/or maintenance of the facility subject to closure through the date of closure shall be paid.
6. A fee pursuant to Section 20.36.270, Los Angeles County Code, or applicable city code shall accompany this application.

B - PRIOR TO STARTING WORK

1. All wastewater generating operations tributary to the facility to be closed shall be terminated or directed to alternative approved facilities.
2. All accumulated industrial and/or hazardous wastes shall be removed from the industrial waste pretreatment facility.
3. All required plumbing and/or sewer abandonment permits shall be obtained from the Building Official prior to capping any drains, sewers or private sewer systems.
4. Inspection notification(s) shall be made as directed by this approval.

C - APPLICABLE TO ALL CLOSURES

1. Sewer laterals serving the wastewater pretreatment facility to be closed and any open sewer connections shall be removed or severed and capped immediately downstream from such facility and shall include the removal of sample box, cleanout, trap and vent associated with the facility.
2. The severed outlet line shall be capped off with a fast-setting cement or other approved equivalent material.
3. All inlets, floor sinks, drains, trenches or other fixtures tributary to the pretreatment facility shall be removed or permanently sealed with a fast-setting cement or other approved equivalent material.
4. If at any time evidence of an unauthorized discharge from the facility or tributary facilities is discovered, the applicant shall notify WMD within 24 working hours and shall take all necessary steps to secure any contaminated soils or residues.
5. No work shall be covered until all required inspections have been made.

D - PERMANENT CLOSURE IN PLACE

1. Closure in place is allowed only when specified by this authorization.
2. Prior to backfill, any samples required by this approval shall be taken.
3. Upon completion of all work required above, the pretreatment facility shall be backfilled with sand, pea gravel or other approved material and compacted to within a maximum of 4 inches below grade.
4. The remaining 4 inches (minimum) shall be filled with concrete or equivalent approved material.
5. All backfill operations shall be carried out in compliance in accordance with applicable Building Code requirements.

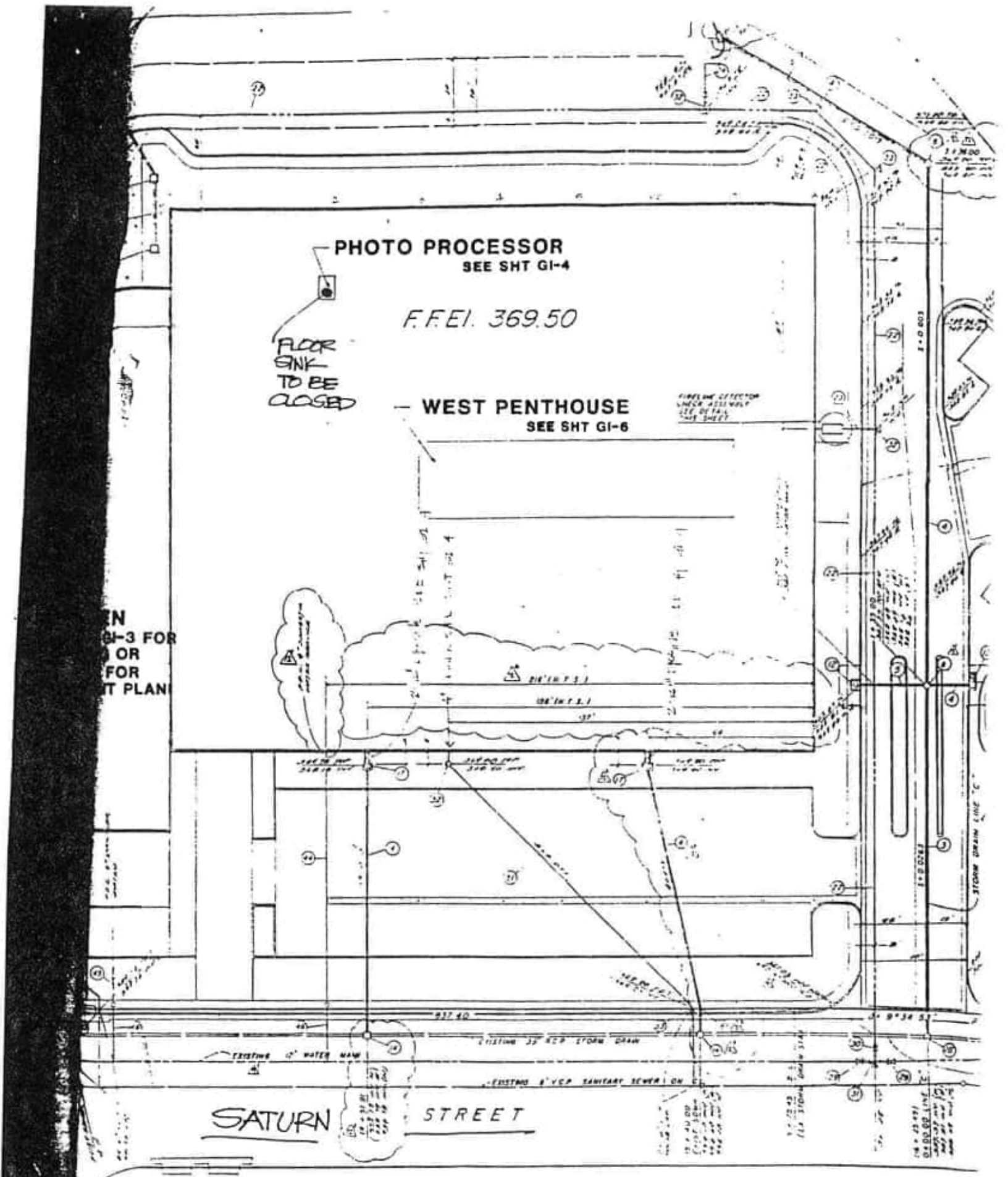
E - PERMANENT CLOSURE BY REMOVAL

1. Upon completion of all work required by Conditions A through C above, the pretreatment facility shall be excavated and transported to a legal point of disposal.
2. Prior to backfill, any samples required by this approval shall be taken.
3. All excavation and backfill operations shall be carried out in compliance with applicable Building Code requirements.

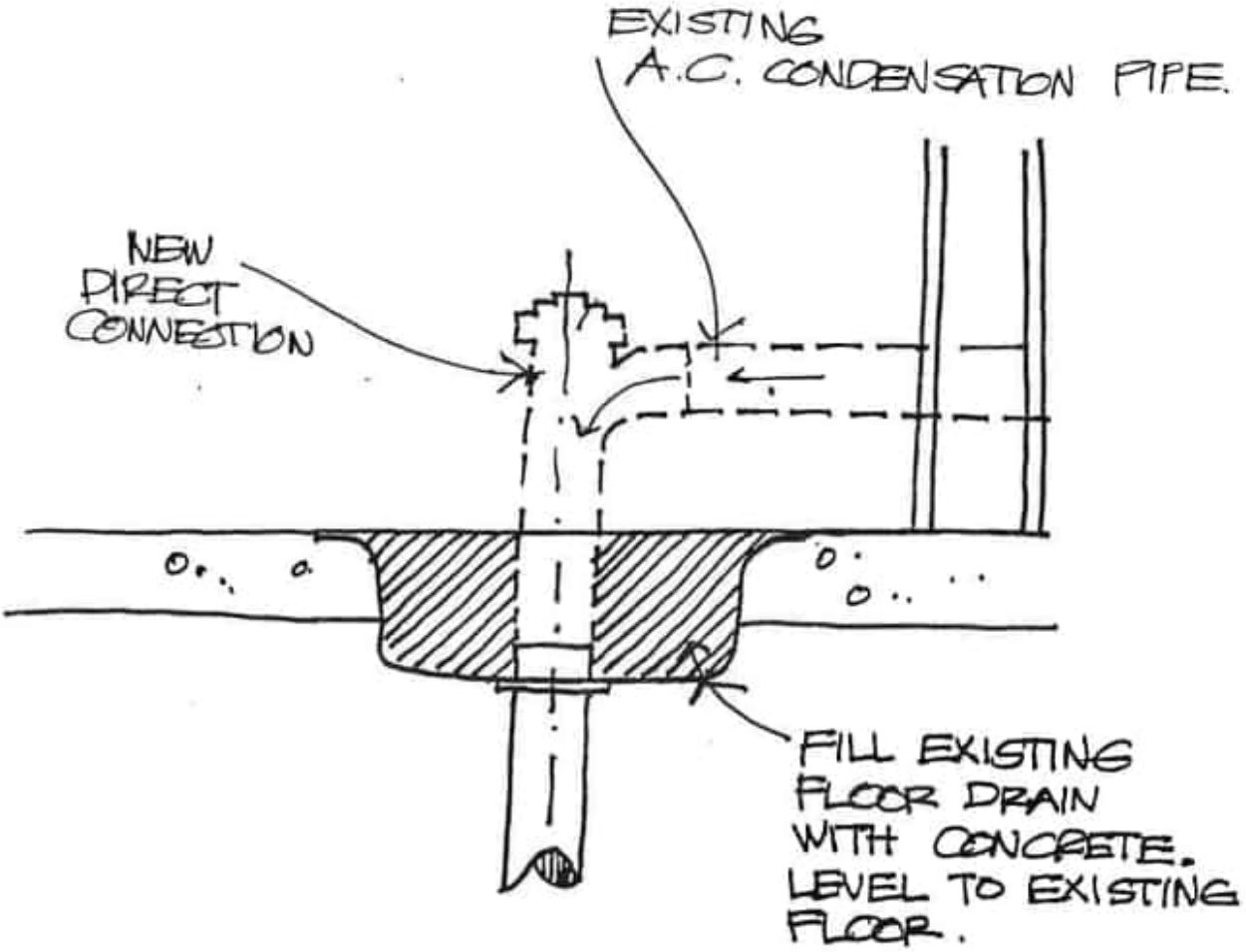
F - REQUIRED REPORTS

1. Within 30 days of the date of closure, the applicant shall furnish WMD a closure report describing all work done, results of any required sampling, disposition of any contaminated soils or materials found and evidence of compliance with Conditions B1, B2, B3, C4, D2, E1 and E2.
2. The closure report shall include any additional requirements made a part of this approval.
3. The closure report shall be submitted to:

Department of Public Works
Waste Management Division
900 South Fremont Avenue
Alhambra, CA 91803-1331



NOTE:
SEE PLUMBING DRAWINGS FOR UTILITY LINE CONNECTIONS TO THE BUILDING



CLOSE INDUSTRIAL WASTE FLOOR DRAIN

12.2.98

SANWA BANK CALIFORNIA
M.P.S.C.

INSPECTION NOTIFICATION REQUIREMENTS

Pursuant to Los Angeles County Code, Section 20.36.220, and the Conditions and Limitations of the attached Industrial Wastewater Pretreatment Facilities Closure Authorization, you are required to complete the following notifications indicated below within the time period specified prior to commencement of work on this closure.

ALL REQUIRED PLUMBING AND/OR SEWER ABANDONMENT PERMITS, SHALL BE OBTAINED FROM THE BUILDING OFFICIAL (APPROPRIATE CITY OR COUNTY) PRIOR TO CAPPING ANY DRAINS, SEWER OR PRIVATE SEWER SYSTEM.

72 HOURS - DEPARTMENT OF PUBLIC WORKS WASTE CONTROL ENGINEERING INSPECTOR:

>>Unless otherwise noted DPW inspectors are available at the following offices between 8:00 a.m. and 9:30 a.m. **ONLY.**<<

[ ] WHITTIER DISTRICT - (562) 906-8426
13523 E. Telegraph Rd., Whittier, CA 90605

[ ] CENTINELA VALLEY REGION - (310) 534-4862
24320 S. Narbonne Ave., Lomita, CA 90717

[ ] LENNOX DISTRICT - (310) 534-4862
24320 S. Narbonne Ave., Lomita, CA 90717

[ ] SAN GABRIEL VALLEY DISTRICT - (626) 574-0962
125 S. Baldwin Ave., Arcadia, CA 91007

[ ] SAN DIMAS REGION - M, W, & Fri. - (626) 574-0961
- T & TH - (818) 961-9611
125 S. Baldwin Ave., Arcadia, CA 91007

[X] EAST LOS ANGELES DISTRICT - (213) 260-3466
5119 E. Beverly Blvd., Los Angeles, CA 90022

[ ] NEWHALL REGION - (805) 253-7207
23757 W. Valencia Blvd., Santa Clarita, CA 91355

FAILURE TO PROVIDE NOTICE AS REQUIRED ABOVE MAY RESULT IN CLOSURE AUTHORIZATION REVOCATION, ADDITIONAL SITE ASSESSMENT REQUIREMENTS, AND/OR ADMINISTRATIVE PENALTIES AS PROVIDED BY LAW.

CITY OF MONTEREY PARK

REQUEST FOR INDUSTRIAL WASTE SERVICE

TO:	Date:	Receipt #:
Waste Management Division	12/2/98	
Firm/Complaint:	**Address:**	**Phone:**
SANWA BANK CALIFORNIA	1977 SATURN ST	

We request the following service from your Division:

( ) Industrial waste plan check service for the above firm.
( ) Process and return Industrial Waste Disposal Permit (application attached). Required fees and deposits have been paid. The following information is furnished for your use:
  ( ) Requested peak flow discharge rate to sewer of _____ GPM is available.
  ( ) The discharger shall be limited to a peak flow discharge rate of _____ GPM.
  ( ) Other _____
( ) Investigate the following complaint and take appropriate action:

( ) Other: APPLICATION FOR CLOSURE

By:	Title:
JERRY WOMBACHER, FIRE MARSHAL	

Division reply:

The above requested action has been completed as follows:

( ) Industrial waste plans have been reviewed and approved. Time charges are noted below. Please inform this Division when plans have been issued to applicant.
( ) Industrial Waste Disposal Permit No. _____ has been processed and issued to applicant.
( ) Investigation completed per attached report.
( ) Follow-up action pending.
(X) Other: Closure authorization has been issued. See attached copy.

Time was charged as follows:

By	For	
		hrs
ND	Public Assistance	1 1/2 hrs
		hrs
	Total	1 1/2 hrs

By:	Title:	Date:
Maridy K Drew	SR. CIVIL ENG ASST	12/2/98

MONTEREY PARK BUILDING DEPARTMENT

Permit No.	Status	Record Type	#	Street Nam	Street	Opened Date	Application	Related Re	Balance Du
B06-1232	Expired P	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	08/31/2006	replace diesel line for generator		0
B06-1076	Expired P	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	08/10/2006	elec. Sump sensors		0
B05-0714	Final	Building/Non-Residential/New/NA	1977	SATURN	ST	06/09/2005			0
B03-0692	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	11/07/2003	ATF Water heater fr Bank of West (Bow)		
MECH030042	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	04/28/2003	Reroof		0
ELEC030075	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	04/17/2003	T.I. 1 mech fr office		0
ELEC030074	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	04/17/2003	T.I. Elec fr bank offices		0
COMB030065	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	03/28/2003	" "		0
BLDG030094	Expired P	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	03/26/2003	T-I. for offices		0
BLDG030093	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	03/26/2003	" "		0
MECH030018	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	03/10/2003	" "		0
ELEC030027	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	02/19/2003	mech T-I. fr document Center		0
COMB030035	Expired P	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	02/18/2003	Elec. work for T-I.		228.84
BLDG030005	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	01/09/2003	T.I. + document Center		0
ELEC010173	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	09/06/2001	T-I. fr document Center		0
MECH010113	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	08/28/2001	T.I office		0
ELEC010163	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	08/28/2001	mech. equipment T.I.		0
							Electrical T-I. South lobby		

880 debts

Bank of West 2001-2003

Sumwa - ~~2007~~ 1986-2001

Lloyd's Bank 1979-1986



BLDG010240	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	05/30/2001	0
ELEC010032	Final	Building/Residential/Alteration-Repair/NA	1977	SATURN	ST	02/22/2001	0
BLDG010039	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	01/23/2001	0
BLDG000099	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	04/04/2000	0
ELEC990065	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	04/19/1999	0
PLMB980171	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	12/07/1998	0
MECH980105	Expired P	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	12/07/1998	21
ELEC980252	Expired P	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	12/07/1998	25
BLDG980597	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	12/07/1998	0
ELEC980232	Issued	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	11/06/1998	-80
ELEC980231	Expired P	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	11/05/1998	0
BLDG980473	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	10/08/1998	0
COMB970110	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	05/14/1997	215
ELEC970007	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	01/09/1997	0
ELEC970006	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	01/09/1997	0
ELEC960033	Plan Chec	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	12/09/1996	0
BLDG960162	Final	Building/Non-Residential/Alteration-Repair/NA	1977	SATURN	ST	12/09/1996	0

T. I. for Print Shop

electrial fixtures

T. I. for Sanwa Bank

Enlarge Photo Room 16 x 20 Station on level B, Sanwa, South Lobby T.I.

T-I. Bathroom

Plumbing Alt. T/I

2 diffusers

Bathroom + Shower rm T/I

SAA

Electrical T/I

replacing receptacles, switches, junction boxes

T-I.

T-I. for offices

Electrical operations.

T.I. Bldg

E.P. T.I.

T-I. Sanwa Bank

No details

No details

BLDG960161	Final	Building/Non-Residential/Alteration-Repair/NA	1977 SATURN	ST	12/09/1996 Sanwa T-I. B bldg	0
BH-005537		Building/Historical Documents/NA/NA	1977 SATURN	ST	06/19/1979 No description	0

Lloyds Bank - E.P. 11/13/79

Lloyds Bank

m.p. 11/7/79

10/16/79 Install sprinklers & fuel oil line

E.P. 10/26/79

10/16/79 B.P. Illegible -

m.p. 11/28/80

9/23/80 - Install Sprinklers & fuel oil line

m.p. 5/12/80 Boiler, cooling Tower

4/15/80 Plan check app

1/12/81 - ~~Install~~ Install 30' expired Flagpole

E.P. 7/8/80

New Utility Map - map for fire sprinklers

P.P. 7/16/80

Sanwa - Utility Site plan & Utility Bldg

E.P. " "

Part Plan: 9/19/91 ?? Joint Bldg

P.P. 6/2/80

Maybe use fill size of new.

E.P. 5/13/80

B.P. ~~4/18/~~ 5/13/80 Install fire sprinklers

B.P. Office Bldg (remaining structure) 5/13/80 approved
10/1/80 - Completed
1/29/80 Sprinklers

B. P. 10/16/79 Office Bldg Shell only
6/19/79 SAA

m.p. 10/1/81

81 -

Compacted fill - for floor lab support for proposed operations center as approved on 10/9/79

Foundation investigation report 5/15/79. Compacted to 95%. bldg supported on drilled piers.

M. P. - Mechanical Permit
E P. - Electrical
P P - Plumbing
T. I. - Tenant Improvement

11/8/12 - Cut O - 1977 Saturn, LLC

12/3/95 M. P. - Sanwa Bank
T. I.
E P.

1/19/95 T. I. " "
M. P.

1/30/95 T. I. " " Level D-improvements North central part of bldg

6/9/95 M. P. " "

5/31/95 T. I.
E P.

Additional '94 '95 permits for Sanwa Bank '95, '94, '93, 91, 90, 88, 87, 86 (1 1986 Permit (E. P.) for Sanwa 12/2/86

8/24/94 - Structural reinforcement for Seismic (rooftop)

2/5/91 - Plancheck App - Electrical - New 4,000 S. F. Utility Bldg, one-story, 16' high

12/20/90 B. P. - New 4,000 ft² utility Bldg, 1 story 200,000 bldg area
Plancheck App SANWA Bank CA

B. P. - for SAA - 2/28/91. 12/20/97 - final inspection

3/14/91 - Certificate of Compliance - Sanwa Bank, Utility Bldg, 3970 ft²

12/20/91 - P.P. - Commercial grease interceptor
12/16/88 " " + misc plumbing
4/18/87 - Grease interceptor, 1500 Gallons, approved

2/18/88 - Sanwa Bank - Industrial waste interceptor (IWD Permit) Photographic equipment & supplies (132 2 C)

6/27/86 - Lloyds Bank - T. I. Lloyds Bank - permits 86, 84, 83, 82, 81, 80

7/2/86 - E P.

10/17/84 T. I.

9/24/84 - E. P.

2/23/83 T. I.

6/2/83 - E P.

3/3/83 A. C.

9/8/82 - interior partition walls for Photo-lab Microfilm - Add

10/[illegible]/1980 - Lloyds Bank - B. P - office bldg, shell, New. final Bldg inspection 6/3/81
10/15/79 - Plan storage
Work completed

CALIFORNIA DEPARTMENT OF CONSERVATION, DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES (DOGGR)

FORM 159

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT OF WELL ABANDONMENT

Inglewood, California

August 9, 1967

Mr. H. Tom Smith
209 Fair Oaks Avenue, Suite 407
South Pasadena, California
Agent for BRADFORD BISHOP, OPERATOR

DEAR SIR:

Your report of abandonment of Well No. (037-20192) "Monterey Park" 1,
Sec. 35, T. 1 S., R. 12 W., S. B. B. & M., - - - field,
Los Angeles County, dated August 2, 1967, received August 3, 1967,
has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

VFG:cs
cc - Mr. E. R. Murray-Aaron
Mr. Dave Adkinson
Production Dept.
Conservation Comm.
Mr. E. S. Doc
Fire Prevention Bureau

Bond No. 1410890
Dated 6-22-67

E. R. MURRAY-AARON
State Oil and Gas Supervisor

By _____
Deputy Supervisor

30948-708 3-67 10M ⓒ CBP

WORK PERFORMED:

Drill ✓ Redrill ____ Deepen ____

Plug ____ Alter casing ____

Water flood ____ Water disposal ____

Abandon ✓

Other ____

STATUS: (Date)

Producing ____

Recomp. prod. ____

Water flood ____

Water disposal ____

Abandoned 7-22-67

Other ____

MAP AND BOOK 103 RJ ϕ 8-10

RECORDS FILED & DATE: Clerk MT

✓ Summary (dup.) 8/3/67

✓ Log & Core (dup.) 8/3/67

✓ History (dup.) 8/3/67 8/8/67

✓ E-log ~~Sonic~~ GR-L 7920' 8/2/67

Radio log ____

D. Survey ____

Other ____

(Check records for signature and correct name of operator or well, S.T.R. and field.)

Location ok Notice states ____

Elevation ok Notice states ____

Production Reports ____

(If production reports not received, make notation and inform Sr. Steno. when rec'd.)

If stimulation or disposal well:
Form 121 ____ Folder ____

RECORDS & REQUIREMENTS CHECKED: Eng. WB

✓

✓

✓

✓

Surface inspection O.K.

Data needed None Clerk:

Request records ____ F 170 ____

Correct records ____ F 165 ____
(Specify) 165A ____

CARDS ____

BOND: No. 1410890 dated 6-22-67

Hold ____ Reason ____

Release ✓ Date elig. 8-8-67 F 150b ab

End premium year ____
Release requested ____ (Check)
Bond superseded ____ (one)
Well abandoned ✓

FINAL LETTER ✓ F 159 lcw
and
FILE CLEARED ✓ F 121 ab

Form 19-A

Form 100
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE
FILL THIS BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

WELL SUMMARY REPORT

Operator BRADFORD BISHOP, Opns. Mgr. Field ---- Ft. Ord County

Well No. "Monterey Park" 1 Sec. 35, T. 1 S, R. 12 W, S.B. B. & M.

Location 2150' N along W ln. of Sec.35 and 435' at right angles to sd. ln. from SW corner of Sec.35, T1S R12W, SBB&M. Elevation of ground above sea level 343 feet.

All depth measurements taken from top of KB, which is 12 feet above ground.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date August 2, 1967 Signed Bradford Bishop

Dean Shepard, Engr. (Engineer or Geologist) ---- (Superintendent) Title Operator (President, Secretary or Agent)

Commenced drilling June 29, 1967 Completed drilling July 20, 1967 Drilling tools ~~Cable~~ Rotary

Total depth 7920 ft. Plugged depth 3550 ft.

Junk None

GEOLOGICAL MARKERS	DEPTH

Commenced producing Never produced (date) Flowing/gas-lift/pumping (cross out unnecessary words)

	Clean Oil bbl. per day	Gravity Clean Oil	Per Cent Water including emulsion	Gas Mcf. per day	Tubing Pressure	Casing Pressure
Initial production						
Production after 30 days						

CASING RECORD (Present Hole)

Size of Casing (A. P. I.)	Depth of Shoe	Top of Casing	Weight of Casing	New or Second Hand	Seamless or Lapweld	Grade of Casing	Size of Hole Drilled	Number of Sacks of Cement	Depth of Cementing if through perforations
9-5/8"	610'	--	32.30#	New	Seamless	H-40	13-3/4"	338	

PERFORATIONS

Size of Casing	From	To	Size of Perforations	Number of Rows	Distance Between Centers	Method of Perforations
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				

DIVISION OF OIL AND GAS
RECEIVED
AUG 8 1967
INGLEWOOD, CALIFORNIA

Electrical Log Depths I-E Log enclosed (Attach Copy of Log)

FORM 103

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
AUG 8 1967
INGLEWOOD, CALIFORNIA

History of Oil or Gas Well

OPERATOR BRADFORD BISHOP, Operator (FIELD) Los Angeles County

Well No. "Monterey Park" 1, Sec. 35, T. 1 S, R. 12 W, S.B. B. & M.

Date August 2, 1967 Signed Bradford Bishop

209 Fair Oaks Ave., Suite 407
So. Pasadena, Calif. 91030 682-3674 Title Operator
(Address) (Telephone Number) (President, Secretary or Agent)

It is of the greatest importance, to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

Date	
6/29/67	Spudded at 7:00 P.M. - Santa Fe Drilling, Contractors Drilled 600' Preparing to run IES Log
6/30/67	Ran IES Log - Opened 10-5/8" hole to 13-3/4" to 610' Ran 16 joints of 9-5/8" 32.20#, H-40, new, seamless casing. Shoe at 610' Rigging up and running 9-5/8" casing.
7/1/67	Placed 50 cu.ft. of water ahead of cement. Cemented with 208 sacks of Class G cement, treated with 4% gel and followed with 130 sacks of Class G cement, treated with 2% $CaCl_2$, displaced with 260 cu.ft. of mud. Bumped plug - valve held Good cement returns - landed casing - tested flange weld to 2500 psi. Installing BOPE.
7/2/67	Drilling - Installed BOPE - Tested pipe and BOPE to 1200 psi- Drilled out shoe with 8 3/4" bit.
7/3/67 thru 7/5/67	Drilling
7/6/67	Drilling - Make up Dyna drill - Orient Dyna drill.
7/7/67	Drilling - Ran Dyna drill at 3728' with sealed bearing bit.
7/8/67 thru 7/19/67	Drilling
7/20/67	Drilling - Ran IES Log and Dipmeter to T.D.
7/21/67 thru 7/22/67	Plug #1 - Hung pipe at 3550'. Displaced 50 sacks of Class G cement treated with 2% $CaCl_2$ with 255 cu.ft. of mud. Placed 40 cu.ft. of H_2O ahead. Found top of plug at 3480'. Plug #2 - Hung pipe at 1,000'. Displaced 75 sacks of Class G cement treated with 3% $CaCl_2$ with 55 cu.ft. of mud. Placed 40 cu.ft. of H_2O ahead. Found top of cement at 800'. Plub #3 - Hung pipe at 638'. Displaced 60 sacks of Class G cement treated with 3% $CaCl_2$. Found top at 520'. Removed BOPE - Placed to 25' plug. Welded steel plate on top. Rig

FORM 101
48128 8-61 10M ⓓ BPO

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

LOG AND CORE RECORD OF OIL OR GAS WELL

Operator BRADFORD BISHOP Field ----

Well No. "Monterey Park" 1 Sec. 35, T. 1 S, R. 12 W, S.B. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO Top of Formation	DEPTH TO Bottom of Formation	Thickness	Drilled or Cored	Recovery	DESCRIPTION
0 ft.	196 ft.	196 ft.	drilled		Sand-gravel
196	610	414	"		Sand-gravel
610	645	35	"		Sand
645	3346	2701	"		Sand-shale
3346	4024	678	"		Sand
4024	5172	1148	"		Sand-shale
5172	5304	132	"		Sand
5304	5680	376	"		Sand-clay
5680	6123	443	"		Sand-shale
6123	6298	175	"		Sand-clay
6298	6578	280	"		Sand-shale
6578	6645	67	"		Shale
6645	7029	384	"		Sand-shale
7029	7194	165	"		Sand
7194	7856	662	"		Sand-shale
7856	7920	64	"		Siltstone

DIVISION OF OIL AND GAS
RECEIVED
AUG 8 1967
HOLLYWOOD, CALIFORNIA

FORM 111

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS No. P 167-837

Mr. H. Tom Smith
209 Fair Oaks Ave, Suite 407
South Pasadena, California
Agent for BRADFORD BISHOP, OPERATOR

Inglewood, Calif.
August 2, 1967

DEAR SIR:

Your proposal to abandon (037-20192) Well No. "Monterey Park" 1,
Section 35, T. 1 S., R. 12 W., S.B. B. & M., ---------- Field, Los Angeles County,
dated July 20, 1967, received July 31, 1967, has been examined in conjunction with records filed in this office.
Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES
"THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 7920
2. Complete casing record, including plugs:
   50" of 16" conductor pipe cemented to surface
   610' of 9-5/8" casing cemented to surface
3. Last Produced never produced

ADDITIONAL DATA FOR DRY HOLE

4. Oil or Gas showings and results of tests: None
5. Stratigraphic markers and depths: None
6. Formation at bottom: Repetto
7. Base of fresh water sands: 3550 ft."

PROPOSAL
"THE PROPOSED WORK IS
Place cement plug at 3550'-3480'
Place cement plug at 640'-520'
Place 25' cement plug at top of surface casing"

DECISION
THE PROPOSAL, COVERING WORK ALREADY COMPLETED IN ACCORDANCE WITH PRIOR AGREEMENT, IS APPROVED.

VFG:mw

cc Dave Adkinson

Bond No. 1410890
Dated 6-22-67

7/26/67
Rw Rotherwood
Surface Insp. No evidence oil, gas or water seepage. Surface not graded
over.

E. R. MURRAY-AARON, State Oil and Gas Supervisor

By ---------- Deputy

9/2/

T8867-708 7-66 80M ① △ OSP

FORM 108, 3-61 (60 ICH) (1) SPO

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JUL 31 1967
INGLEWOOD, CALIFORNIA

Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin; one copy only

South Pasadena, Calif. July 20, 1967

DIVISION OF OIL AND GAS

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon

Well No. "Monterey Park" 1 (037-20142), Sec. 35, T. 1S,

R. 12 W, S.B.B. & M., ------- Field, Los Angeles County,

commencing work on July 21, 1967.

THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 7920

2. Complete casing record, including plugs:
50' of 16" conductor pipe cemented to surface
610' of 9-5/8" casing cemented to surface

3. Last Produced never produced
(Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)

ADDITIONAL DATA FOR DRY HOLE

4. Oil or Gas showings and results of tests:
None

5. Stratigraphic markers and depths:
None

6. Formation at bottom: Repetto

7. Base of fresh water sands: 3550 ft.

THE PROPOSED WORK IS

Place cement plug at 3550'-3480'
Place cement plug at 640'-520'
Place 25' cement plug at top of surface casing

MAP	MAP BOOK	CARDS	BOND	FORMS 114	FORMS 121
		AB	#1410890 6-22-67	AB	AB

209 Fair Oaks Ave., Suite 407
South Pasadena, Calif. 91030
(Address)

682-3674
(Telephone No.)

BRADFORD BISHOP, OPERATOR
(Name of Operator)

By Bradford Bishop

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 109-D

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 167-663

Mr. Bradford Bishop
209 Fair Oaks Ave., Suite 407
South Pasadena, California 91030

Inglewood, Calif.
July 26, 1967

Agent for BRADFORD BISHOP, OPERATOR

DEAR SIR: (037-20192)

Operations at well No. "Monterey Park" 1 Sec. 35, T. 1 S, R. 12 W, S.B. B & M.
Field, in Los Angeles County, were witnessed
on July 21, 1967. Mr. L. Axtell, Engineer, representative of the supervisor was present
from 4:30 p.m. to 5:15 p.m. There were also present D. Shepard, Drilling Foreman

Present condition of well: 16" cem. 50'; 9-5/8" cem. 610'. TD 7920', plugged w/cem. 3550'-3480' & 640'-520'.
1000'-800' - see history

The operations were performed for the purpose of witnessing the plugging operations in the process of abandonment.

Mr. reported:

MR. R. ROTHERMEL, ENGINEER, WAS PRESENT AT THE WELL FROM 5:45 A.M. TO 6:45 A.M. ON JULY 21, 1967 AND MR. SHEPARD REPORTED:

1. An 8-3/4" hole was drilled from 610' to 7920'.
2. On July 21, 1967, 50 sacks of cement was pumped into the hole through 4-1/2" drill pipe hanging at 3550'.

THE ENGINEER NOTED THAT the cement plug at the reported depth of 3480' supported 1/2 of the weight of the drill pipe.

MR. L. AXTELL, ENGINEER, WAS PRESENT AT THE WELL FROM 4:30 P.M. TO 5:15 P.M. ON JULY 21, 1967 AND MR. SHEPARD REPORTED THAT on July 21, 1967, 60 sacks of cement was pumped into the hole through 4-1/2" drill pipe hanging at 640'.
THE ENGINEER NOTED THAT the cement plug at the reported depth of 520' supported 1/4 of the weight of the drill pipe.

THE PLUGGING OPERATIONS AS WITNESSED AND REPORTED ARE APPROVED.

LA:mw

cc Company
Prod. Dept.

E. R. MURRAY-AARON
State Oil and Gas Supervisor

By C. Bailey Deputy

9/27

90947-709 8-67 10M ⓒ OSP

FORM 109-D

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 167-591

Mr. Bradford Bishop
209 Fair Oaks Ave., Suite 407
South Pasadena, California 91030

Inglewood, Calif.
July 7, 1967

~~Supervisor~~ for BRADFORD BISHOP, OPERATOR

DEAR SIR: (037-20192)

Operations at well No. "Monterey Park" 1, Sec. 35, T. 1 S, R. 12 W, S.B. B & M. ~~_____~~ Field, in Los Angeles County, were witnessed on July 3, 1967, Mr. L. Axtell, Engineer, representative of the supervisor was present from 2:30 p.m. to 3:00 p.m. There were also present V. Stinnett, Drilling Foreman

Present condition of well: 16" cem. 50'; 9-5/8" cem. 610'. TD 2610'± Drilling

The operations were performed for the purpose of inspecting the blowout prevention equipment and installation.

Mr. ~~_____~~ reported:

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

LA:cm

cc Company

E. R. MURRAY-AARON
State Oil and Gas Supervisor

By [signature] Deputy

AG/NW

S1847-708 3-67 10M ⓢ CSP

Form 109-D (BOPE Memo)

B. O. P. E. MEMO No. T_____

Company BRADFORD BISHOP, OPERATOR Date 7/5 19 67

Operations at well No. "MONTEREY PARK" 1 (037-20192) Sec. 35 T. 1S R. 12W SB B&M.
Field L.A. County, were witnessed

on 7/3/67. Mr. L. AXTELL, representative of the supervisor was present from 2^30 PM to 3^00 PM. There was also present V. STINNETT, DF

Present condition of well: 16" CEM 50'; 9 5/8" CEM 610', TD 2610' ± DRLG

Operations were performed for purpose of inspecting BOP equipment and installation.

Mr. STINNETT reported:

1. On JULY 1 1967, 9 7/8", 32 lb. casing was cemented in a 13 3/4" hole at 610' with 338 sacks/~~cu.ft.~~ of cement.
2. Cement returned/~~did not return~~ to the surface.
__. An additional _____ sacks/cu.ft. of cement was placed around the _____" casing from the surface.
3. The BLIND RAMS, the PIPE RAMS, and the BAG were each tested with a closed-in pressure of 1200 psi for 15 minutes, _____ ~~psi for ____ minutes, and _____ psi for ____ minutes~~, respectively.
4. A 8 3/4" hole was being drilled ahead at 2610±'.

THE ENGINEER NOTED that the well was equipped with the following BOP equipment:

1. A SHAFFER manually and hydraulically operated double control gate for closing in the well with the drill pipe/~~tubing~~ out of the hole, and for closing around the 4 1/2" drill pipe/~~tubing~~.
2. A HYDRIL blow-out preventer for closing in the well with the drill pipe/~~tubing~~ out of the hole, and for closing around the 4 1/2" drill pipe/~~tubing~~.
__. A _____ manually and hydraulically operated control gate for closing in the well with the drill pipe/tubing out of the hole.
__. A _____ manually and hydraulically operated control gate for closing around the _____" drill pipe/tubing.
__. A _____ blow-out preventer for closing around the _____" drill pipe/tubing.
3. The controls for the above equipment were located outside the derrick and on the derrick floor.
4. A 2" mud fill-up line with a 2" high-pressure stopcock into the 9 5/8" casing below the above equipment.
5. A high-pressure STOPCOCK on the kelly/~~goose-neck/stand-pipe~~.

__. Remarks _____

THE BLOW-OUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

FORM 111

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS No. P.167-709

Mr. Bradford Bishop
209 Fair Oaks Ave., Suite 407
South Pasadena, California 91030
Agent for BRADFORD BISHOP, OPERATOR

121

Inglewood, Calif.
July 5, 1967

DEAR SIR: (037-20192)

Your proposal to drill Well No. "Monterey Park" 1,
Section 35, T. 1 S., R. 12 W., S.B. B. & M., ---------- Field, Los Angeles County,
dated June 27, 1967, received June 28, 1967, has been examined in conjunction with records filed in this office.
Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES
"Legal description of mineral-right lease, consisting of 100 acres, is as follows:
Portions of Sections 34 and 35, T1S, R12W, as shown on Plat attached hereto
Do mineral and surface leases coincide? Yes X No
Location of Well: 2150 feet North along west line of Sec. 35, 435 feet at right angles to said line from the southwest corner of section 35, T1S, T12W.
Elevation of ground above sea level 343 feet datum.
All depth measurements taken from top of KB which is 12 feet above ground."

PROPOSAL
"PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade and Type	Top	Bottom	Cementing Depths
9-5/8	32.30	H-40	0	600	600 to surface
	15.50	J-55			
5-1/2	17.00	J-55	0	8000	-

Intended zone of completion: Miocene Estimated total depth 8000 ft.
It is understood that if changes in this plan become necessary we are to notify you immediately."

DECISION
THE PROPOSAL IS APPROVED PROVIDED:

1. Fluid consistent with good drilling practice shall be used, and the column of fluid maintained at all times to the surface, particularly while pulling the drill pipe.
2. Adequate blowout prevention equipment shall be installed and maintained in operating condition at all times.
3. THIS DIVISION SHALL BE NOTIFIED:
   a. To inspect the installed blowout prevention equipment before drilling below 1500'.
   b. To witness a test of the effectiveness of the 5-1/2" water shut-off above any zone to be produced.

VPG:mw

cc Company

Bond No. 1410890
Dated 6-22-67

E. R. MURRAY-AARON, State Oil and Gas Supervisor

By ----------, Deputy

W/S

18755-705 5-64 80M ⓘT O&P

FORM 105

STATE OF CALIFORNIA
THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS RECEIVED
JUN 28 1967
INGLEWOOD, CALIFORNIA

DIVISION OF OIL AND GAS

Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

037-20192

E/

South Pasadena, Calif. June 27, 1967

DIVISION OF OIL AND GAS "Monterey Park" 1

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence drilling well No. "Monterey Park" 1@ (037-20192), Sec. 35, T. 1 S, R. 12 W, S.B. B. & M., (North) (Montebello) Field, Los Angeles County.

Legal description of mineral-right lease, consisting of 100 acres, is as follows: Portions of Sections 34 and 35, T1S, R12W, as shown on Plat attached hereto (Attach map or plat to scale)

Do mineral and surface leases coincide? Yes X No ____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 2150 feet North (Direction) along ~~property~~ line and 435 (E) feet (Direction) West line of Sec. 35, at right angles to said line from the southwest ~~property~~ corner of section 35, T1S, T12W.

Elevation of ground above sea level 343 feet ____ datum.

All depth measurements taken from top of KB (Derrick Floor, Rotary Table or Kelly Bushing) which is 12 feet above ground.

PROPOSED CASING PROGRAM

SIZE OF CASING INCHES A.P.I.	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS
9-5/8	32.30	H-40	0	600	600 to surface
5-1/2	15.50 ~~17.00~~	J-55 ~~J-55~~	0	8000	-

Intended zone(s) of completion: Miocene (Name) Estimated total depth 8000 ft. (Depth, top and bottom)

Bope cadmark

MAP	MAP BOOK	CARDS	BOND	FORMS 114	FORMS 121
193 W1-1 RJ	6-29	ab2	#1410890 6-22-67	ab2	ab2

It is understood that if changes in this plan become necessary we are to notify you immediately.

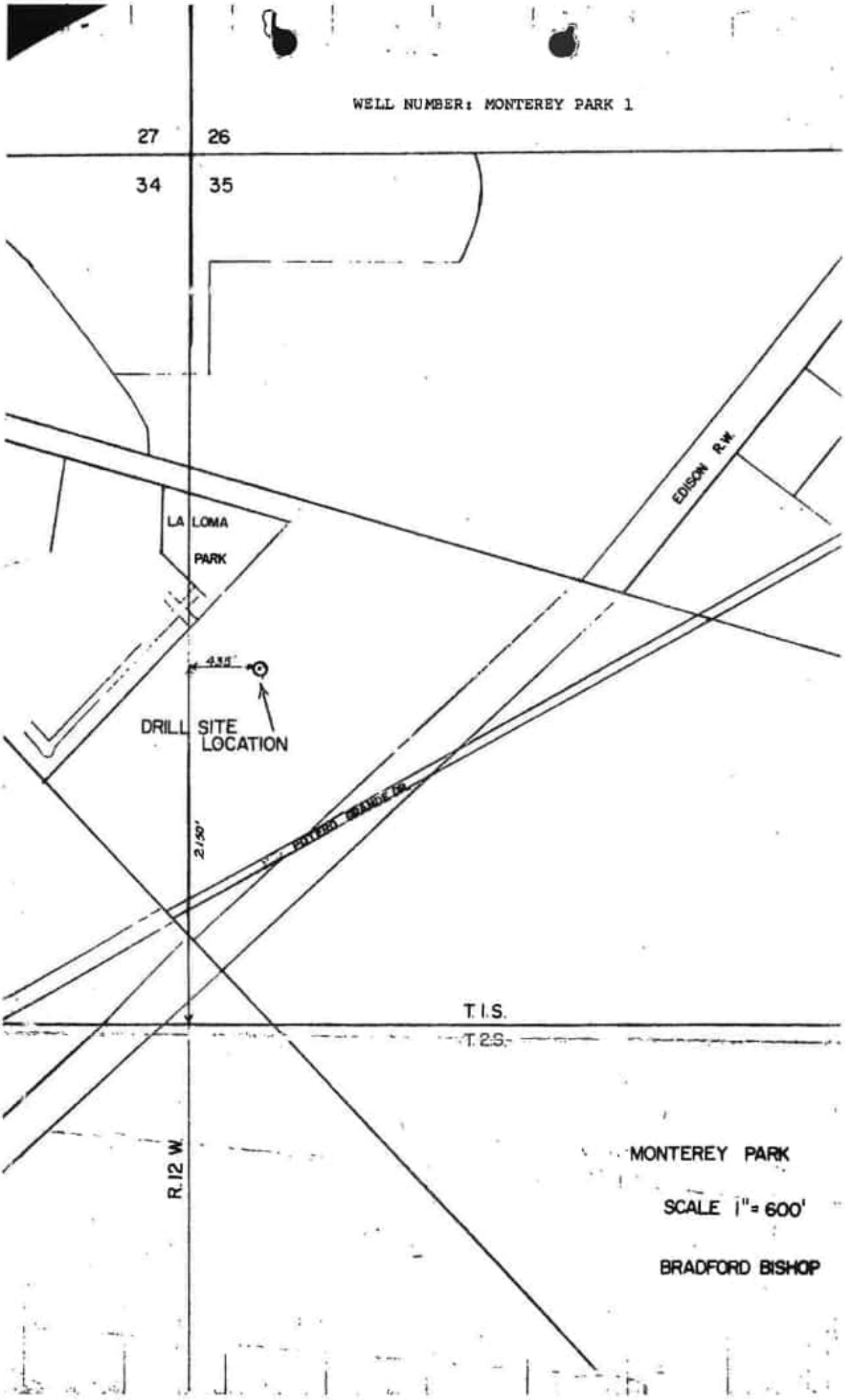
Address 209 Fair Oaks Ave., Suite 407
South Pasadena, Calif. 91030

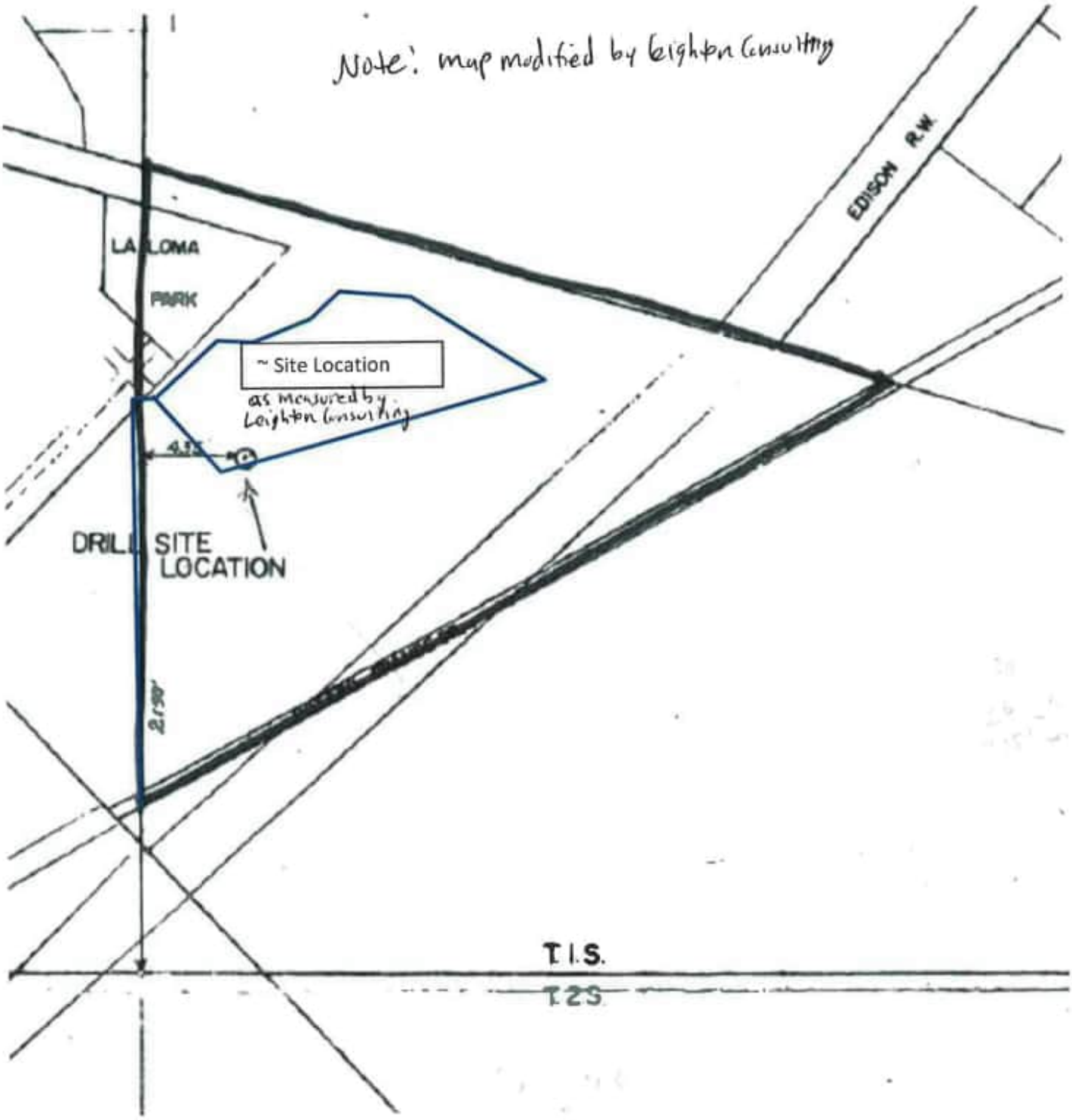
Telephone Number 682-3674

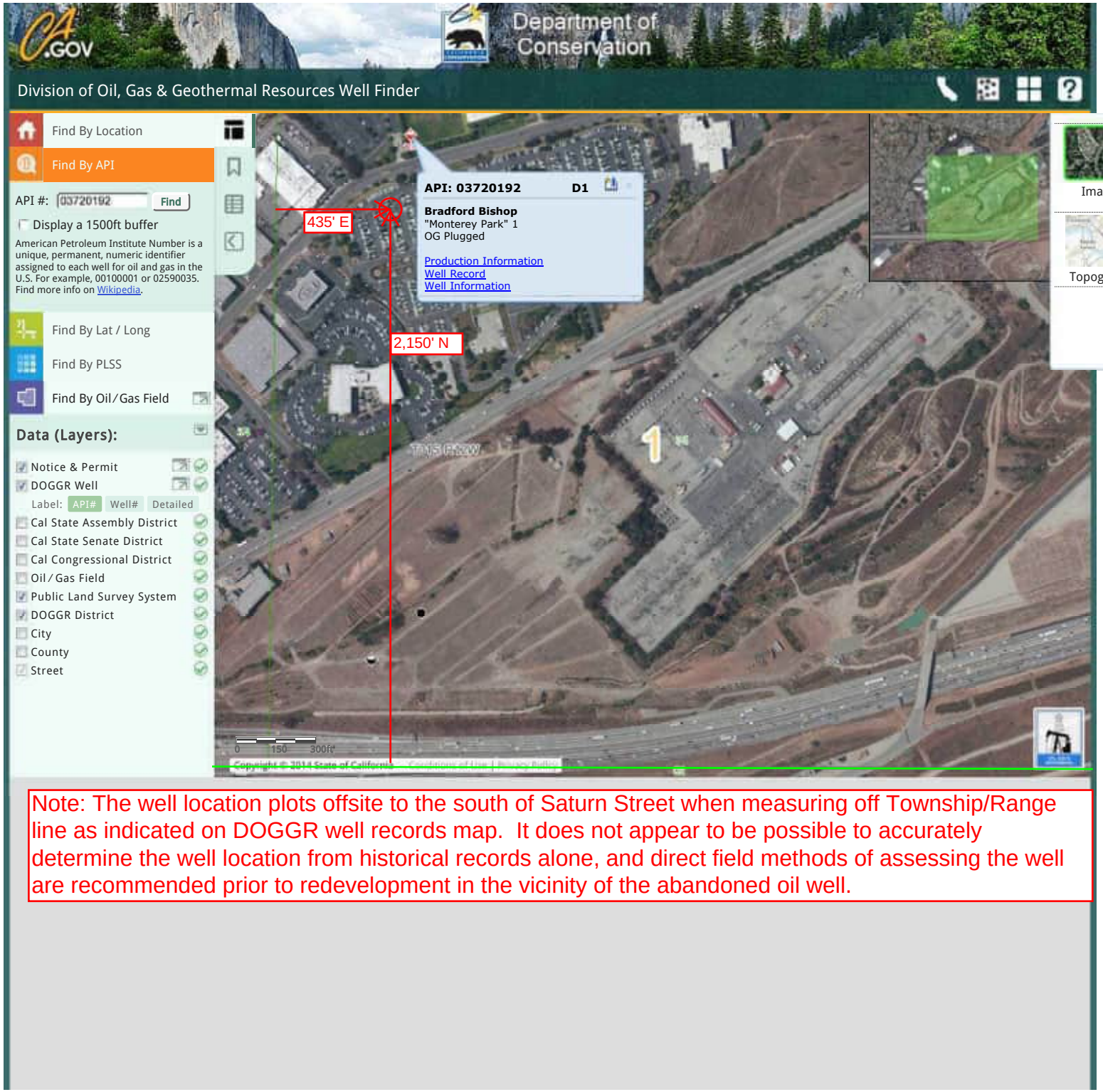
BRADFORD BISHOP, OPERATOR (Name of Operator)

By Bradford Bishop

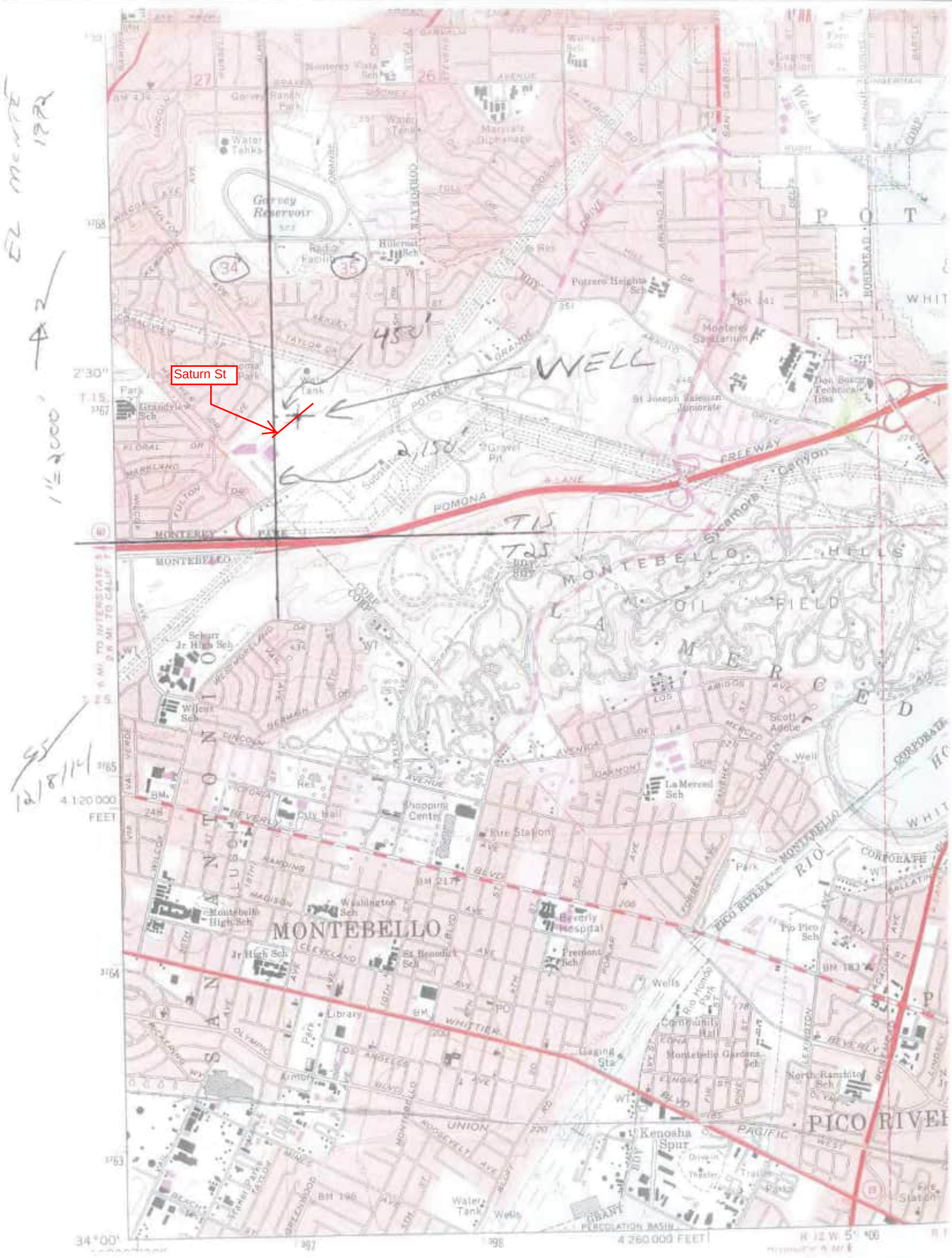
Type of Organization Individual (Corporation, Partnership, Individual, etc.)


WELL NUMBER: MONTEREY PARK 1
27
26
34
35
EDISON R.W.
LA LOMA
PARK
435'
DRILL SITE
LOCATION
2150'
T.1.S.
T.2.S.
R.12 W.
MONTEREY PARK
SCALE 1"= 600'
BRADFORD BISHOP


Note: map modified by Leighton Consulting
EDISON R.W.
LA LOMA
PARK
~ Site Location
as measured by
Leighton Consulting
DRILL SITE
LOCATION
T.1.S.
T.2S.



Note: The well location plots offsite to the south of Saturn Street when measuring off Township/Range line as indicated on DOGGR well records map. It does not appear to be possible to accurately determine the well location from historical records alone, and direct field methods of assessing the well are recommended prior to redevelopment in the vicinity of the abandoned oil well.


Saturn St
WELL
4521'
2,150'
POMONA FREEWAY
MONTEBELLO
MONTEBELLO OIL FIELD
LA MERCED
MONTEBELLO
PICO RIVER
Garvey Reservoir
Potrero Heights Sch
Grandview Sch
Schurr Jr High Sch
Wilcox Sch
City Hall
Shopping Center
Fire Station
Montebello High Sch
Washington Sch
Jr High Sch
St Benedict Sch
Beverly Hospital
Fremont Sch
La Merced Sch
Scott Adobe
Library
Community Hall
Montebello Gardens Sch
Pio Pico Sch
North Ramona Sch
Kenosha Spur
Water Tanks
Water Tank
Gravel Pit
Wells
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PERCOLATION BASIN
Rio Hondo Park
Park
Fire Station
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4 260 000 FEET
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SCHLUMBERGER INDUCTION-ELECTRICAL LOG

COUNTY LOS ANGELES
FIELD or LOCATION MONTEREY PARK
WELL MONTEREY PARK #1
COMPANY BRADFORD BISHOP

COMPANY BRADFORD BISHOP
(037-20782)
WELL MONTEREY PARK #1
FIELD MONTEREY PARK
COUNTY LOS ANGELES STATE CALIFORNIA

DIVISION OF OIL AND GAS RECEIVED AUG 3 1967 LOS ANGELES, CALIFORNIA

LOCATION
Sec. 35 Twp. 1S Rge. 12W

Other Services: (COM)

Elev.: K.B.
D.F.
G.L.

Permanent Datum: GL Elev.
Log Measured From KB Ft. Above Perm. Datum
Drilling Measured From KB

Date	6-30-67	7-19-67
Run No.	ONE	TWO
Depth—Driller	6000	7930
Depth—Logger	6027	7921
Btm. Log Interval	6001	7920
Top Log Interval	54'	612
Casing—Driller	16 @ 50'	9⅝ @ 610
Casing—Logger	54	617
Bit Size	10¾	8¾
Type Fluid in Hole	CLAY	CLAY BASE
Dens. / Visc.	74 55	72.5 40
pH / Fluid Loss	- ml	9.4 6.2 ml
Source of Sample	CIRC	CIRC
R_m @ Meas. Temp.	6.5@78 °F	3.5 @ 90 °F
R_{mf} @ Meas. Temp.	6.0@84 °F	3.3 @ 90 °F
R_{mc} @ Meas. Temp.	- @ - °F	1.5 @ 180 °F
Source: R_{mf} R_{mc}	C C	M C
R_m @ BHT	6.0@84 °F	1.8 @ 180 °F
Time Since Circ.	1 HR.	3 HRS.
Max. Rec. Temp.	84 °F	180 °F
Equip. Location	4563 L.B.	4510 L.B.
Recorded By	WHITE	PASSEY
Witnessed By	SHEPARD	SHEPARD

FOLD HERE

The well name, location and borehole reference data were furnished by the customer.

REMARKS

Changes in Mud Type or Additional Samples

Date	Sample No.		
Depth—Driller			
Type Fluid in Hole			
Dens. / Visc.			
pH / Fluid Loss	ml		ml
Source of Sample			
R_m @ Meas. Temp.	@ °F	@ °F	
R_{mf} @ Meas. Temp.	@ °F	@ °F	
R_{mc} @ Meas. Temp.	@ °F	@ °F	
Source: R_{mf} / R_{mc}			
R_m @ BHT	@ °F	@ °F	
R_{mf} @ BHT	@ °F	@ °F	
R_{mc} @ BHT	@ °F	@ °F	

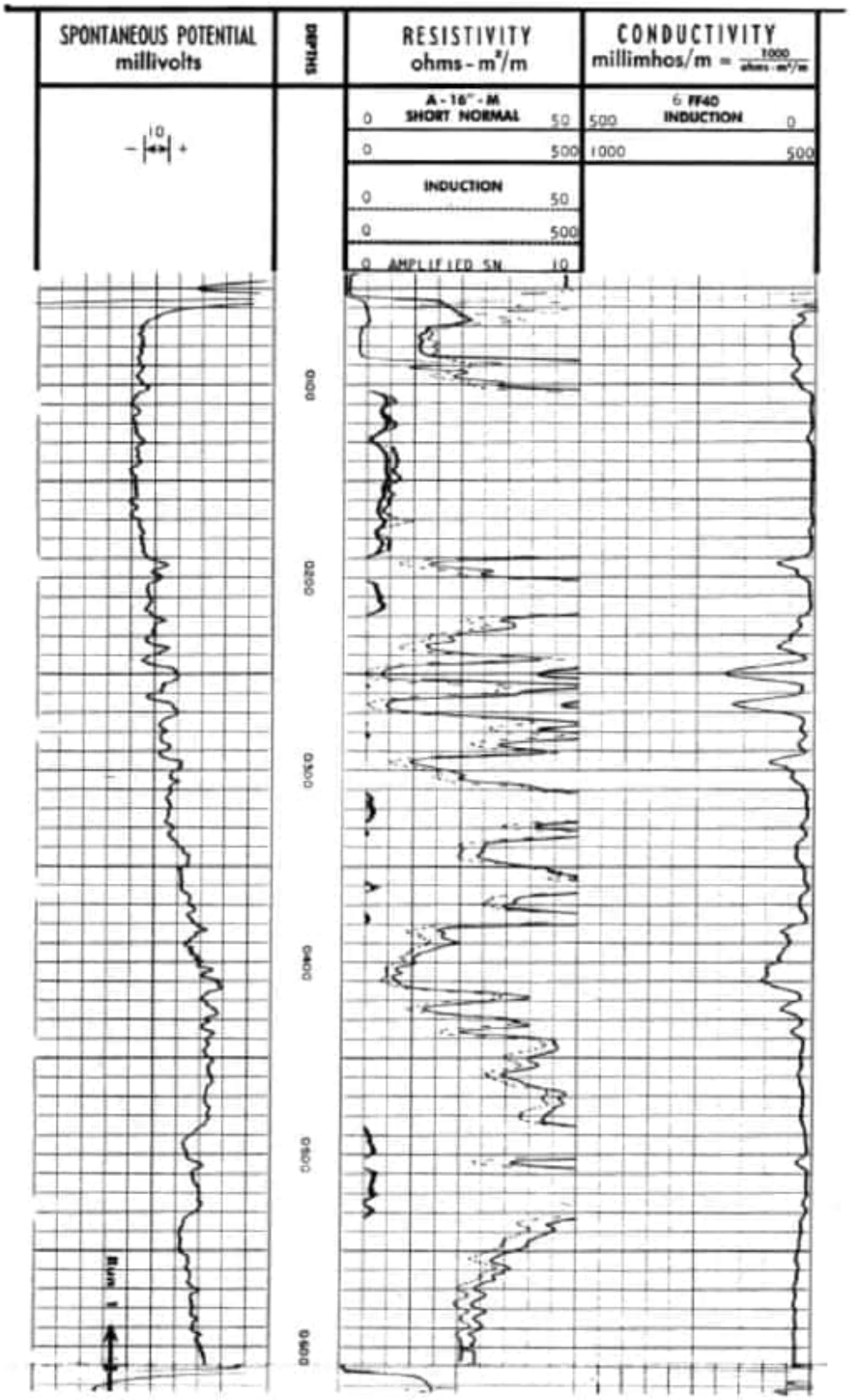
Scale Changes

Type Log	Depth	Scale Up Hole	Scale Down Hole

Equipment Data

Run No.	Tool Type	Tool Position	Other
1	6FF40	STANDOFF	
2	6FF40	STANDOFF	

Run No.:	ONE	TWO
C.D.:	USED	USED
S.O.:	1.5"	1"
Equip. Used: CART. No.:	IRC-E-19	IFC-E-19
PANEL No.:	IRP-H-379	IRP-J-459
SONDE No.:	IRS-M-303	IRS-M-303
S.B.R.:	2	2

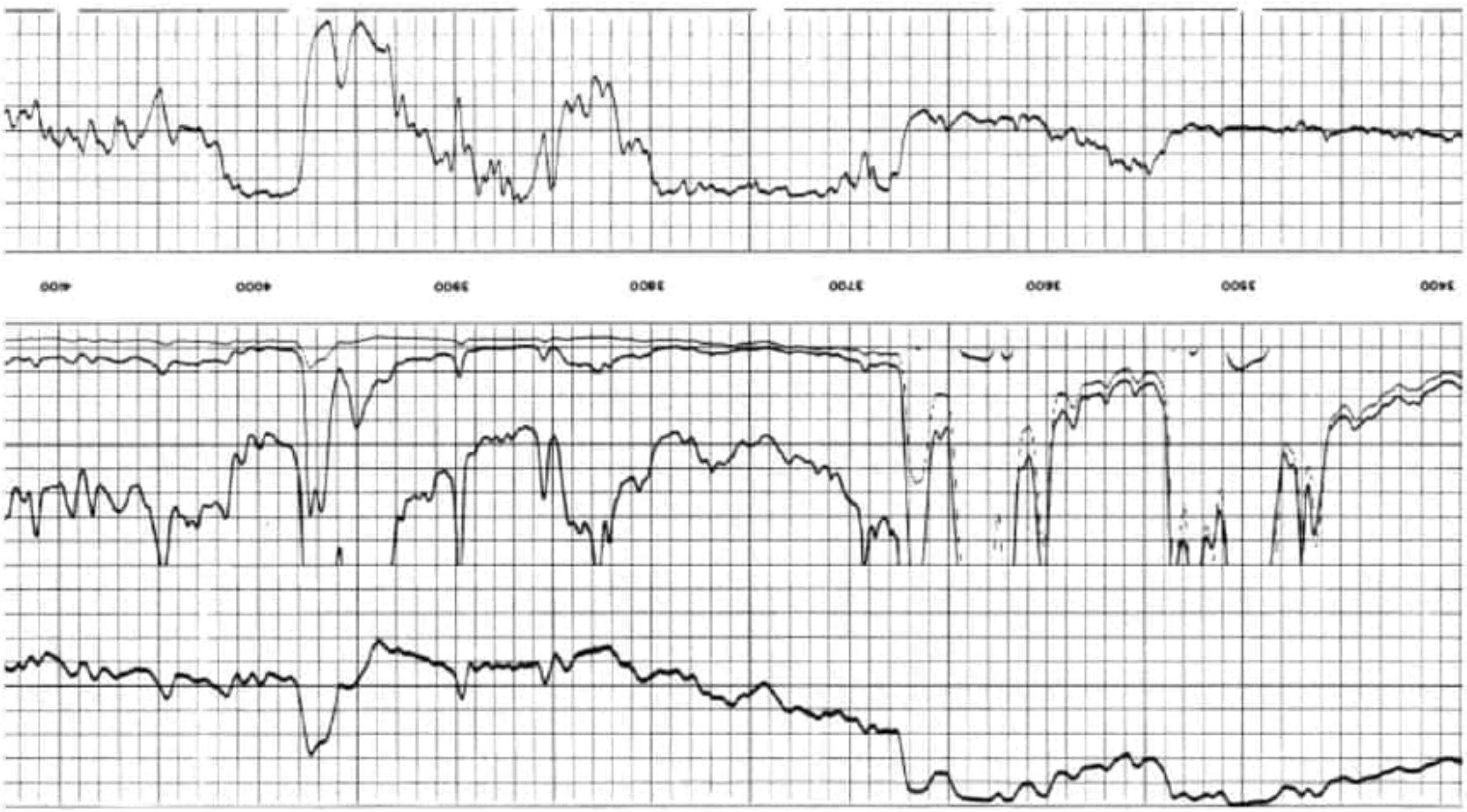

SPONTANEOUS POTENTIAL
millivolts
DEPTHS
RESISTIVITY
ohms - m²/m
A - 16" - N
SHORT NORMAL
INDUCTION
AMPLIFIED SN
CONDUCTIVITY
millimhos/m
6 FF40
INDUCTION
Run 1

Run 2
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0900
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1100
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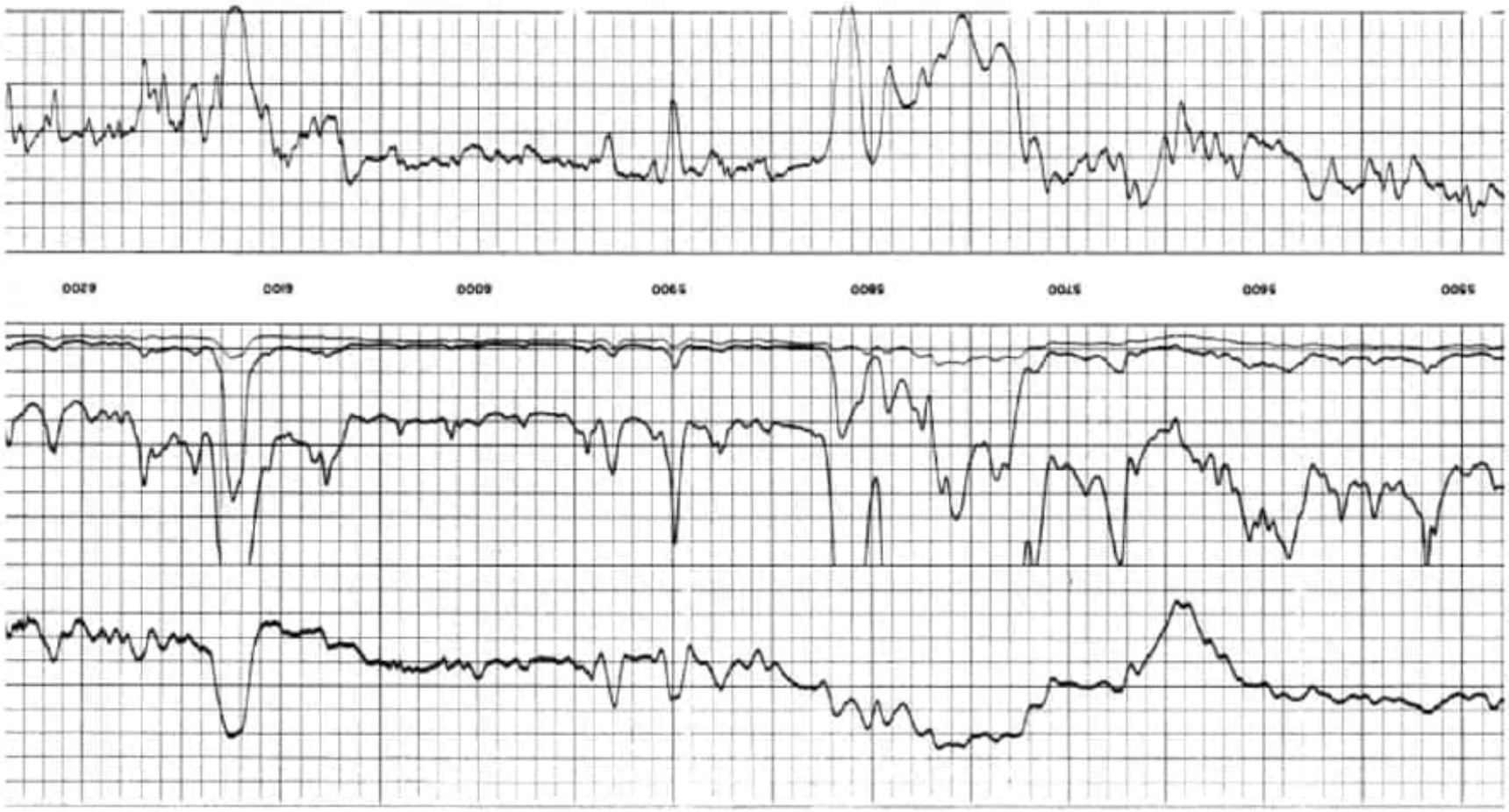
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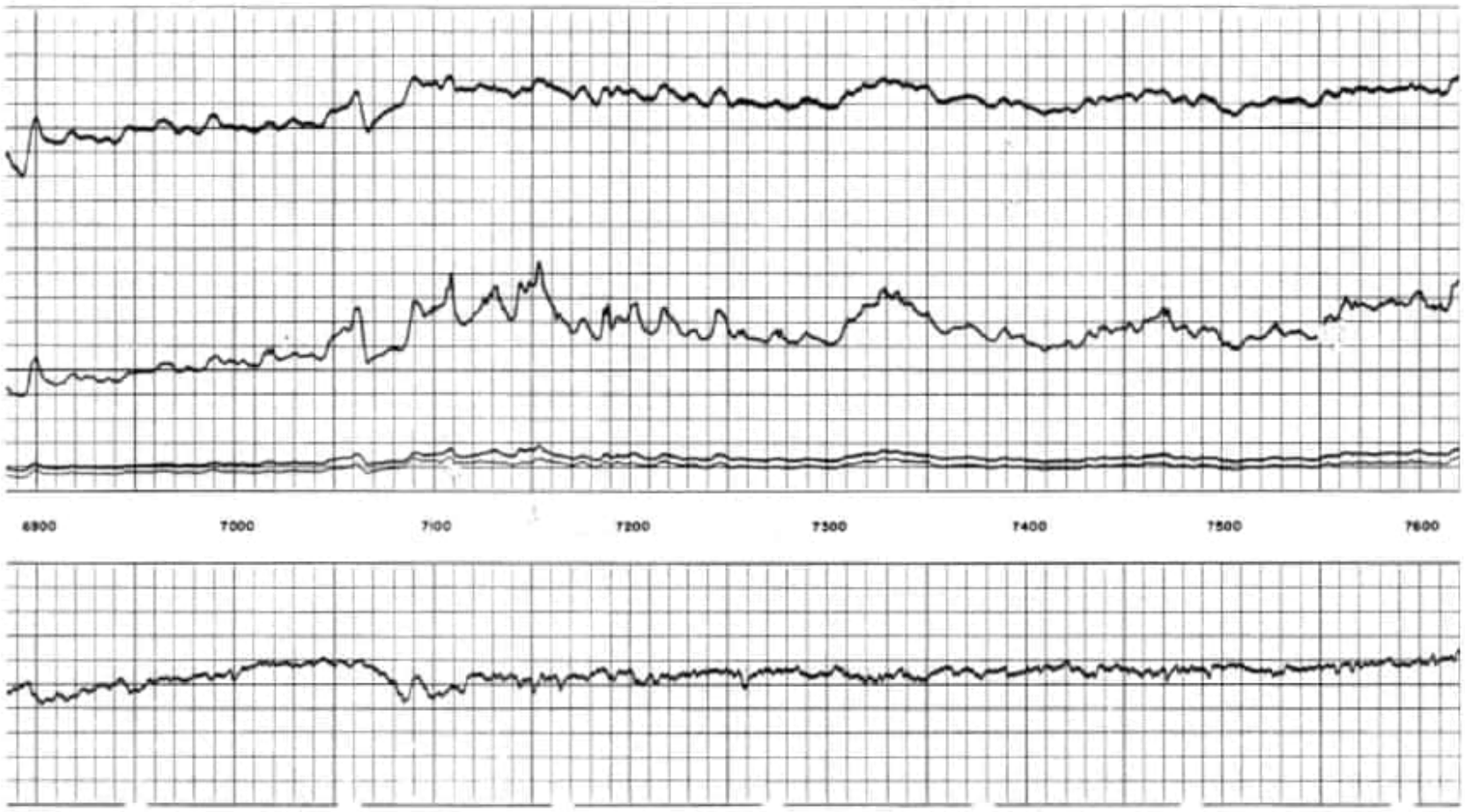

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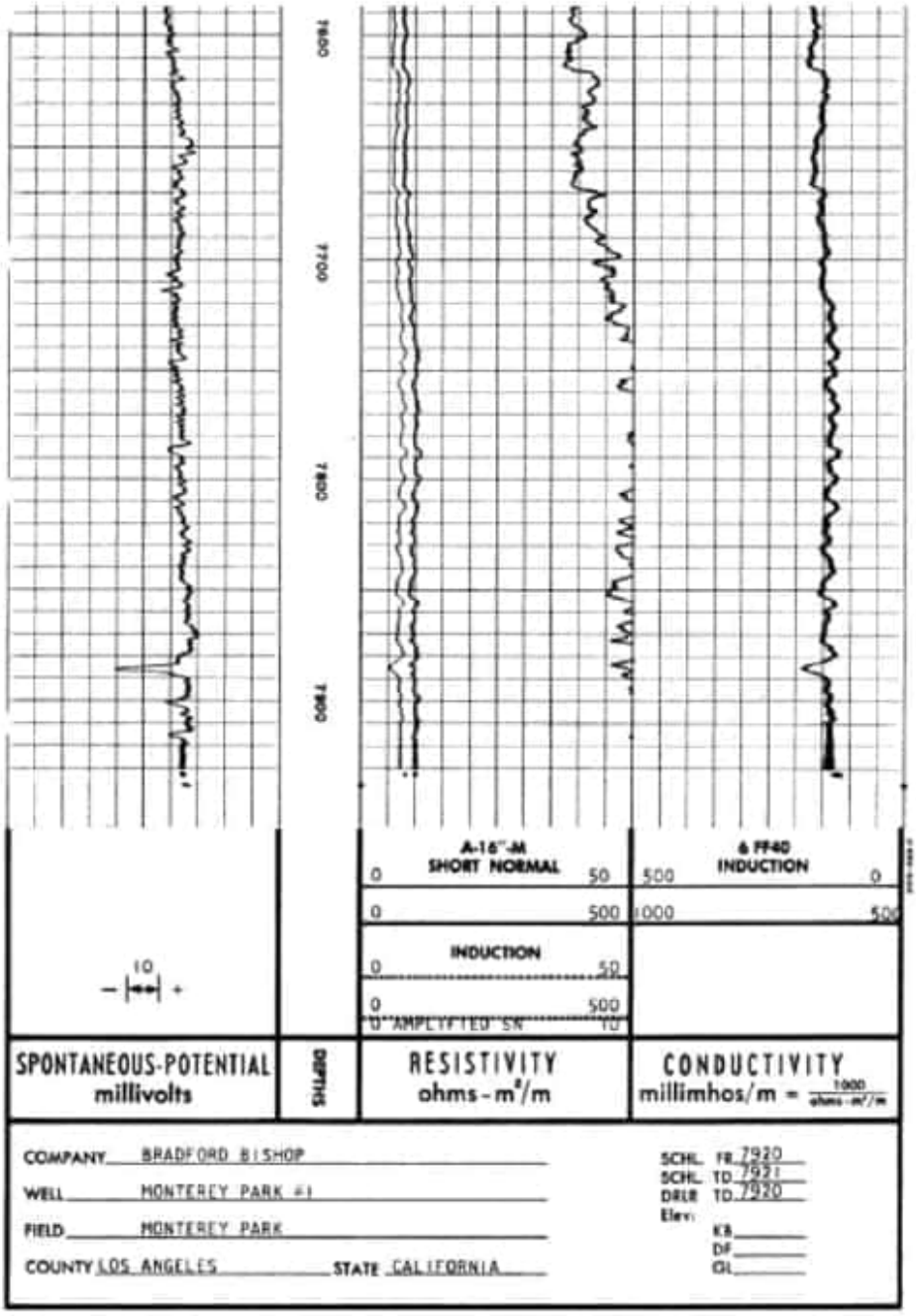
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COMPANY BRADFORD BISHOP

WELL MONTEREY PARK #1

FIELD MONTEREY PARK

COUNTY LOS ANGELES STATE CALIFORNIA

SCHL. FR. 7920

SCHL. TD. 7921

DRLR TD. 7920

Elev.:

KB

DF

GL

APPENDIX K

Important Information About Your

Geoenvironmental Report

Geoenvironmental studies are commissioned to gain information about environmental conditions on and beneath the surface of a site. The more comprehensive the study, the more reliable the assessment is likely to be. But remember: Any such assessment is to a greater or lesser extent based on professional opinions about conditions that cannot be seen or tested. Accordingly, no matter how many data are developed, risks created by unanticipated conditions will always remain. *Have realistic expectations.* Work with your geoenvironmental consultant to manage known and unknown risks. Part of that process should already have been accomplished, through the risk allocation provisions you and your geoenvironmental professional discussed and included in your contract's general terms and conditions. This document is intended to explain some of the concepts that may be included in your agreement, and to pass along information and suggestions to help you manage your risk.

Beware of Change; Keep Your Geoenvironmental Professional Advised

The design of a geoenvironmental study considers a variety of factors that are subject to change. Changes can undermine the applicability of a report's findings, conclusions, and recommendations. *Advise your geoenvironmental professional about any changes you become aware of.* Geoenvironmental professionals cannot accept responsibility or liability for problems that occur because a report fails to consider conditions that did not exist when the study was designed. Ask your geoenvironmental professional about the types of changes you should be particularly alert to. Some of the most common include:

- modification of the proposed development or ownership group,
- sale or other property transfer,
- replacement of or additions to the financing entity,
- amendment of existing regulations or introduction of new ones, or
- changes in the use or condition of adjacent property.

Should you become aware of any change, *do not rely on a geoenvironmental report.* Advise your geoenvironmental professional immediately; follow the professional's advice.

Recognize the Impact of Time

A geoenvironmental professional's findings, recommendations, and conclusions cannot remain valid indefinitely. The more time that passes, the more likely it is that important latent changes will occur. *Do not rely on a geoenvironmental report if too much time has elapsed since it was completed.* Ask your environmental professional to define "too much time." In the case of Phase I Environmental Site Assessments (ESAs), for example, more than 180 days after submission is generally considered "too much."

Prepare To Deal with Unanticipated Conditions

The findings, recommendations, and conclusions of a Phase I ESA report typically are based on a review of historical information, interviews, a site "walkover," and other forms of noninvasive research. When site subsurface conditions are not sampled in any way, the risk of unanticipated conditions is higher than it would otherwise be.

While borings, installation of monitoring wells, and similar invasive test methods can help reduce the risk of unanticipated conditions, *do not overvalue the effectiveness of testing.* Testing provides information about actual conditions only at the precise locations where samples are taken, and only when they are taken. Your geoenvironmental professional has applied that specific information to develop a general opinion about environmental conditions. *Actual conditions in areas not sampled may differ (sometimes sharply) from those predicted in a report.* For example, a site may contain an unregistered underground storage tank that shows no surface trace of its existence. *Even conditions in areas that were tested can change,* sometimes suddenly, due to any number of events, not the least of which include occurrences at

adjacent sites. Recognize, too, that *even some conditions in tested areas may go undiscovered*, because the tests or analytical methods used were designed to detect only those conditions assumed to exist.

Manage your risks by retaining your geoenvironmental professional to work with you as the project proceeds. Establish a contingency fund or other means to enable your geoenvironmental professional to respond rapidly, in order to limit the impact of unforeseen conditions. And to help prevent any misunderstanding, identify those empowered to authorize changes and the administrative procedures that should be followed.

Do Not Permit Any Other Party To Rely on the Report

Geoenvironmental professionals design their studies and prepare their reports to meet the specific needs of the clients who retain them, in light of the risk management methods that the client and geoenvironmental professional agree to, and the statutory, regulatory, or other requirements that apply. The study designed for a developer may differ sharply from one designed for a lender, insurer, public agency...or even another developer. *Unless the report specifically states otherwise, it was developed for you and only you.* Do not unilaterally permit any other party to rely on it. The report and the study underlying it may not be adequate for another party's needs, and you could be held liable for shortcomings your geoenvironmental professional was powerless to prevent or anticipate. Inform your geoenvironmental professional when you know or expect that someone else—a third-party—will want to use or rely on the report. *Do not permit third-party use or reliance until you first confer with the geoenvironmental professional who prepared the report.* Additional testing, analysis, or study may be required and, in any event, appropriate terms and conditions should be agreed to so both you and your geoenvironmental professional are protected from third-party risks. *Any party who relies on a geoenvironmental report without the express written permission of the professional who prepared it and the client for whom it was prepared may be solely liable for any problems that arise.*

Avoid Misinterpretation of the Report

Design professionals and other parties may want to rely on the report in developing plans and specifications. They need to be advised, in writing, that their needs may not have been considered when the study's scope was developed, and, even if their needs were considered, they might misinterpret geoenvironmental findings, conclusions, and recommendations. *Commission your geoenvironmental professional to explain pertinent elements of the report to others who are permitted to rely on it, and to review any plans, specifications or other instruments of professional service that incorporate any of the report's findings, conclusions, or recommendations.* Your geoenvironmental professional has the best understanding of the issues involved, including the fundamental assumptions that underpinned the study's scope.

Give Contractors Access to the Report

Reduce the risk of delays, claims, and disputes by giving contractors access to the full report, *providing that it is accompanied by a letter of transmittal that can protect you* by making it unquestionably clear that: 1) the study was not conducted and the report was not prepared for purposes of bid development, and 2) the findings, conclusions, and recommendations included in the report are based on a variety of opinions, inferences, and assumptions and are subject to interpretation. Use the letter to also advise contractors to consult with your geoenvironmental professional to obtain clarifications, interpretations, and guidance (a fee may be required for this service), and that—in any event—they should conduct additional studies to obtain the specific type and extent of information each prefers for preparing a bid or cost estimate. Providing access to the full report, with the appropriate caveats, helps prevent formation of adversarial attitudes and claims of concealed or differing conditions. If a contractor elects to ignore the warnings and advice in the letter of transmittal, it would do so at its own risk. Your geoenvironmental professional should be able to help you prepare an effective letter.

Do Not Separate Documentation from the Report

Geoenvironmental reports often include supplemental documentation, such as maps and copies of regulatory files, permits, registrations, citations, and correspondence with regulatory agencies. If subsurface explorations were performed, the report may contain final boring logs and copies of laboratory data. If remediation activities occurred on site, the report may include: copies of daily field reports; waste manifests; and information about the disturbance of subsurface materials, the type and thickness of any fill placed on site, and fill placement practices, among other types of documentation. *Do not separate supplemental documentation from the report. Do not, and do not permit any other party to redraw or modify any of the supplemental documentation for incorporation into other professionals' instruments of service.*

Understand the Role of Standards

Unless they are incorporated into statutes or regulations, standard practices and standard guides developed by the American Society for Testing and Materials (ASTM) and other recognized standards-developing organizations (SDOs) are little more than aspirational methods agreed to by a consensus of a committee. The committees that develop standards may not comprise those best-qualified to establish methods and, no matter what, no standard method can possibly consider the infinite client- and project-specific variables that fly in the face of the theoretical "standard conditions" to which standard practices and standard guides apply. In fact, these variables can be so pronounced that geoenvironmental professionals who comply with every directive of an ASTM or other standard procedure could run afoul of local custom and practice, thus violating the standard of care.

Accordingly, when geoenvironmental professionals indicate in their reports that they have performed a service "in general compliance" with one standard or another, it means they have applied professional judgement in creating and implementing a scope of service designed for the specific client and project involved, and which follows some of the general precepts laid out in the referenced standard. To the extent that a report indicates "general compliance" with a standard, you may wish to speak with your geoenvironmental professional to learn more about what was and was not done. *Do not assume a given standard was followed to the letter.* Research indicates that that seldom is the case.

Realize That Recommendations May Not Be Final

The technical recommendations included in a geoenvironmental report are based on assumptions about actual conditions, and so are preliminary or tentative. Final recommendations can be prepared only by observing actual conditions as they are exposed. For that reason, you should retain the geoenvironmental professional of record to observe construction and/or remediation activities on site, to permit rapid response to unanticipated conditions. *The geoenvironmental professional who prepared the report cannot assume responsibility or liability for the report's recommendations if that professional is not retained to observe relevant site operations.*

Understand That Geotechnical Issues Have Not Been Addressed

Unless geotechnical engineering was specifically included in the scope of professional service, a report is not likely to relate any findings, conclusions, or recommendations about the suitability of subsurface materials for construction purposes, especially when site remediation has been accomplished through the removal, replacement, encapsulation, or chemical treatment of on-site soils. The equipment, techniques, and testing used by geotechnical engineers differ markedly from those used by geoenvironmental professionals; their education, training, and experience are also significantly different. If you plan to build on the subject site, but have not yet had a geotechnical engineering study conducted, your geoenvironmental professional should be able to provide guidance about the next steps you should take. The same firm may provide the services you need.

Read Responsibility Provisions Closely

Geoenvironmental studies cannot be exact; they are based on professional judgement and opinion. Nonetheless, some clients, contractors, and others assume geoenvironmental reports are or certainly should be unerringly precise. Such assumptions have created unrealistic expectations that have led to wholly unwarranted claims and disputes. To help prevent such problems, geoenvironmental professionals have developed a number of report provisions and contract terms that explain who is responsible for what, and how risks are to be allocated. Some people mistake these for "exculpatory clauses," that is, provisions whose purpose is to transfer one party's rightful responsibilities and liabilities to someone else. Read the responsibility provisions included in a report and in the contract you and your geoenvironmental professional agreed to. *Responsibility provisions are not "boilerplate."* They are important.

Rely on Your Geoenvironmental Professional for Additional Assistance

Membership in ASFE exposes geoenvironmental professionals to a wide array of risk management techniques that can be of genuine benefit for everyone involved with a geoenvironmental project. Confer with your ASFE-member geoenvironmental professional for more information.

ASFE
THE BEST PEOPLE ON EARTH

8811 Colesville Road/Suite G106, Silver Spring, MD 20910
Telephone: 301/565-2733 Facsimile: 301/589-2017
e-mail: info@asfe.org www.asfe.org

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IGR06055.0M

VIA ELECTRONIC MAIL

December 11, 2014

Mr. Pritesh Patel
Senior Asset Manager
17911 Von Karmen Avenue
Irvine, CA 92614-6209
pritesh.patel@gecapital.com

Re: URS Project No. 14966609
Observation of Limited Subsurface Investigation Activities
1977 Saturn
Monterey Park, California

Dear Mr. Patel:

URS is pleased to provide this letter summarizing our observations of a Limited Subsurface Investigation (LSI) conducted by the County of Los Angeles at the subject property and presenting the results of split soil samples collected during the completion of the LSI.

BACKGROUND

The scope of work included making observations and documenting the LSI field activities conducted by the County of Los Angeles at the site. Observed site activities were compared to standard industry practices for conducting Phase II Environmental Site Investigations (ESIs) (such as decontamination procedures, sample screening, sample collection, etc.). The County of Los Angeles collected up to eight soil samples per boring for laboratory analysis. URS split two of these soil samples per boring for laboratory analysis.

Soil samples were submitted by URS for analysis of total petroleum hydrocarbons in the diesel range (TPH-D) and volatile organic compounds (VOCs).

URS Corporation
525 Vine Street, Suite 1800
Cincinnati, Ohio 45202
Tel: 513.651.3440
Fax: 877.660.7727

DISCUSSION

URS was present during the field activities on October 4 and 5, 2014. The completed scope of work was consistent with the scope of work proposed by the County of Los Angeles with the following exceptions:

- Soil borings B-1, B-2, and B-4 were advanced to a terminal depth of 40 feet below grade. The proposed terminal depth was 50 feet below grade. The decision to terminate the borings at 40 feet below grade was made by County of Los Angeles personnel as there was no field observed evidence of impacts to the terminal depth.

- Soil samples from boring B-3 were not collected due to the presence of pea gravel in the entire boring. A decision was made by County of Los Angeles personnel to not to advance this boring through the pea gravel material as to not compromise the integrity of the overlying parking lot. Therefore, soil samples were not collected from this boring.

In general, the methods employed by the County of Los Angeles were considered consistent with those that would be typically used in the environmental industry.

Soil samples from borings B-1 and B-2 were collected by URS from 15 and 25 feet below grade and soil samples from boring B-4 were collected from 10 and 20 feet below grade. These soil intervals were selected based on the professional judgment of the URS geologist on site and were considered to be below the base of the underground storage tanks (USTs). URS submitted these soil samples to Eurofins/Calscience for analysis of VOCs and TPH-D on a 3–business day turnaround from laboratory receipt of samples. The County of Los Angeles collected eight soil samples from boring B-1, seven soil samples from boring B-2, and eight soil samples from boring B-3 and submitted the samples to American Environmental Testing Laboratory, Inc. for analysis of VOCs and TPH-D.

A copy of the laboratory report for soil samples collected by URS is included as Attachment A and the results are summarized in Table 1. VOCs and TPH-D were not reported above their respective minimum laboratory reporting limits in any of the soil

samples submitted for analysis. Sample analysis did not require sample dilutions and reporting limits were considered typical.

A copy of the laboratory report for samples collected by the County of Los Angeles is included as Attachment B. VOCs and TPH-D were not reported above their respective minimum laboratory reporting limits in any of the soil samples submitted by the County of Los Angeles for analysis. Sample analysis did not require sample dilutions and reporting limits were considered typical.

— ooOoo —

URS appreciates the opportunity to propose on this project. If there are any questions or comments regarding the proposal or if you desire additional information regarding the project approach, please call.

Very truly yours,
URS Corporation

Ben Mignery
Project Manager

Donald Brice, C.P.G.
Principal Geologist

Attachments

cc: Heidi Dolan, via e-mail heidi.dolan@ge.com

14966609

TABLE 1
SOIL ANALYTICAL RESULTS

1977 Saturn
Monterey Park, California

Sample Reference:		B-1	B-1	B-2	B-25	B-4	B-4
Sample Depth (ft):		15	25	15	25	10	20
Date Sampled:		3/14/2013	3/14/2013	10/4/2014	10/4/2014	10/4/2014	10/4/2014
Matrix:		Soil	Soil	Soil	Soil	Soil	Soil
Analyte Name	**Units**	**Value**	**Value**	**Value**	**Value**	**Value**	**Value**
VOCs	mg/kg	ND	ND	ND	ND	ND	ND
TPH - Diesel	mg/kg	ND	ND	ND	ND	ND	ND

VOCs = Volatile organic compounds
TPH = Total Petroleum Hydrocarbons Diesel Range Organics
mg/kg = milligrams per kilogram or parts per million (ppm)
ND = Indicates that the compound was analysed for but not detected

ATTACHMENT A

URS LABORATORY RESULTS

eurofins | Calscience

WORK ORDER NUMBER: 14-10-0387

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: URS Corporation

Client Project Name: GE Capital Phase II

Attention: Ben Migney
310 Golden Shore, Suite 100
Long Beach, CA 90802-4240

Vikas Patel

Approved for release on 10/09/2014 by:
Vikas Patel
Project Manager

ResultLink

Email your PM

nelac

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

eurofins | Calscience

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Work Order Number: 14-10-0387

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4 Sample Analysis Summary. 18

5 Glossary of Terms and Qualifiers. 19

6 Chain-of-Custody/Sample Receipt Form. 20

eurofins | Calscience

Work Order Narrative

Work Order: 14-10-0387 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 10/04/14. They were assigned to Work Order 14-10-0387.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

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Analytical Report

URS Corporation
310 Golden Shore, Suite 100
Long Beach, CA 90802-4240

Project: GE Capital Phase II

Date Received: 10/04/14
Work Order: 14-10-0387
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-4-10-URS	**14-10-0387-1-A**	**10/04/14 08:58**	**Solid**	**GC 49**	**10/06/14**	**10/06/14 19:14**	**141006B03A**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	ND	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	106	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-4-20-URS	**14-10-0387-2-A**	**10/04/14 09:21**	**Solid**	**GC 49**	**10/06/14**	**10/06/14 19:31**	**141006B03A**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	ND	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	102	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-2-15-URS	**14-10-0387-3-A**	**10/04/14 13:18**	**Solid**	**GC 49**	**10/06/14**	**10/06/14 19:47**	**141006B03A**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	ND	4.9	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	105	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-2-25-URS	**14-10-0387-4-A**	**10/04/14 13:40**	**Solid**	**GC 49**	**10/06/14**	**10/06/14 20:04**	**141006B03A**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	ND	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	108	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-422-1402**	**N/A**	**Solid**	**GC 49**	**10/06/14**	**10/06/14 11:00**	**141006B03A**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	ND	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	92	61-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

URS Corporation
310 Golden Shore, Suite 100
Long Beach, CA 90802-4240

Project: GE Capital Phase II

Date Received: 10/04/14
Work Order: 14-10-0387
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-4-10-URS	**14-10-0387-1-C**	**10/04/14 08:58**	**Solid**	**GC/MS OO**	**10/04/14**	**10/04/14 16:39**	**141004L003**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	46	1.00	
Benzene	ND	0.93	1.00	
Bromobenzene	ND	0.93	1.00	
Bromochloromethane	ND	1.9	1.00	
Bromodichloromethane	ND	0.93	1.00	
Bromoform	ND	4.6	1.00	
Bromomethane	ND	19	1.00	
2-Butanone	ND	19	1.00	
n-Butylbenzene	ND	0.93	1.00	
sec-Butylbenzene	ND	0.93	1.00	
tert-Butylbenzene	ND	0.93	1.00	
Carbon Disulfide	ND	9.3	1.00	
Carbon Tetrachloride	ND	0.93	1.00	
Chlorobenzene	ND	0.93	1.00	
Chloroethane	ND	1.9	1.00	
Chloroform	ND	0.93	1.00	
Chloromethane	ND	19	1.00	
2-Chlorotoluene	ND	0.93	1.00	
4-Chlorotoluene	ND	0.93	1.00	
Dibromochloromethane	ND	1.9	1.00	
1,2-Dibromo-3-Chloropropane	ND	4.6	1.00	
1,2-Dibromoethane	ND	0.93	1.00	
Dibromomethane	ND	0.93	1.00	
1,2-Dichlorobenzene	ND	0.93	1.00	
1,3-Dichlorobenzene	ND	0.93	1.00	
1,4-Dichlorobenzene	ND	0.93	1.00	
Dichlorodifluoromethane	ND	1.9	1.00	
1,1-Dichloroethane	ND	0.93	1.00	
1,2-Dichloroethane	ND	0.93	1.00	
1,1-Dichloroethene	ND	0.93	1.00	
c-1,2-Dichloroethene	ND	0.93	1.00	
t-1,2-Dichloroethene	ND	0.93	1.00	
1,2-Dichloropropane	ND	0.93	1.00	
1,3-Dichloropropane	ND	0.93	1.00	
2,2-Dichloropropane	ND	4.6	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

URS Corporation
310 Golden Shore, Suite 100
Long Beach, CA 90802-4240

Date Received: 10/04/14
Work Order: 14-10-0387
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: GE Capital Phase II

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.9	1.00	
c-1,3-Dichloropropene	ND	0.93	1.00	
t-1,3-Dichloropropene	ND	1.9	1.00	
Ethylbenzene	ND	0.93	1.00	
2-Hexanone	ND	19	1.00	
Isopropylbenzene	ND	0.93	1.00	
p-Isopropyltoluene	ND	0.93	1.00	
Methylene Chloride	ND	9.3	1.00	
4-Methyl-2-Pentanone	ND	19	1.00	
Naphthalene	ND	9.3	1.00	
n-Propylbenzene	ND	1.9	1.00	
Styrene	ND	0.93	1.00	
1,1,1,2-Tetrachloroethane	ND	0.93	1.00	
1,1,2,2-Tetrachloroethane	ND	1.9	1.00	
Tetrachloroethene	ND	0.93	1.00	
Toluene	ND	0.93	1.00	
1,2,3-Trichlorobenzene	ND	1.9	1.00	
1,2,4-Trichlorobenzene	ND	1.9	1.00	
1,1,1-Trichloroethane	ND	0.93	1.00	
1,1,2-Trichloroethane	ND	0.93	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.3	1.00	
Trichloroethene	ND	1.9	1.00	
Trichlorofluoromethane	ND	9.3	1.00	
1,2,3-Trichloropropane	ND	1.9	1.00	
1,2,4-Trimethylbenzene	ND	1.9	1.00	
1,3,5-Trimethylbenzene	ND	1.9	1.00	
Vinyl Acetate	ND	9.3	1.00	
Vinyl Chloride	ND	0.93	1.00	
p/m-Xylene	ND	1.9	1.00	
o-Xylene	ND	0.93	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.9	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	100	80-120	
Dibromofluoromethane	110	79-133	
1,2-Dichloroethane-d4	120	71-155	
Toluene-d8	102	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

URS Corporation
310 Golden Shore, Suite 100
Long Beach, CA 90802-4240

Date Received: 10/04/14
Work Order: 14-10-0387
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: GE Capital Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-4-20-URS	**14-10-0387-2-C**	**10/04/14 09:21**	**Solid**	**GC/MS OO**	**10/04/14**	**10/04/14 17:07**	**141004L003**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	48	1.00	
Benzene	ND	0.97	1.00	
Bromobenzene	ND	0.97	1.00	
Bromochloromethane	ND	1.9	1.00	
Bromodichloromethane	ND	0.97	1.00	
Bromoform	ND	4.8	1.00	
Bromomethane	ND	19	1.00	
2-Butanone	ND	19	1.00	
n-Butylbenzene	ND	0.97	1.00	
sec-Butylbenzene	ND	0.97	1.00	
tert-Butylbenzene	ND	0.97	1.00	
Carbon Disulfide	ND	9.7	1.00	
Carbon Tetrachloride	ND	0.97	1.00	
Chlorobenzene	ND	0.97	1.00	
Chloroethane	ND	1.9	1.00	
Chloroform	ND	0.97	1.00	
Chloromethane	ND	19	1.00	
2-Chlorotoluene	ND	0.97	1.00	
4-Chlorotoluene	ND	0.97	1.00	
Dibromochloromethane	ND	1.9	1.00	
1,2-Dibromo-3-Chloropropane	ND	4.8	1.00	
1,2-Dibromoethane	ND	0.97	1.00	
Dibromomethane	ND	0.97	1.00	
1,2-Dichlorobenzene	ND	0.97	1.00	
1,3-Dichlorobenzene	ND	0.97	1.00	
1,4-Dichlorobenzene	ND	0.97	1.00	
Dichlorodifluoromethane	ND	1.9	1.00	
1,1-Dichloroethane	ND	0.97	1.00	
1,2-Dichloroethane	ND	0.97	1.00	
1,1-Dichloroethene	ND	0.97	1.00	
c-1,2-Dichloroethene	ND	0.97	1.00	
t-1,2-Dichloroethene	ND	0.97	1.00	
1,2-Dichloropropane	ND	0.97	1.00	
1,3-Dichloropropane	ND	0.97	1.00	
2,2-Dichloropropane	ND	4.8	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

URS Corporation	Date Received:	10/04/14
310 Golden Shore, Suite 100	Work Order:	14-10-0387
Long Beach, CA 90802-4240	Preparation:	EPA 5035
	Method:	EPA 8260B
	Units:	ug/kg
Project: GE Capital Phase II		Page 4 of 10

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.9	1.00	
c-1,3-Dichloropropene	ND	0.97	1.00	
t-1,3-Dichloropropene	ND	1.9	1.00	
Ethylbenzene	ND	0.97	1.00	
2-Hexanone	ND	19	1.00	
Isopropylbenzene	ND	0.97	1.00	
p-Isopropyltoluene	ND	0.97	1.00	
Methylene Chloride	ND	9.7	1.00	
4-Methyl-2-Pentanone	ND	19	1.00	
Naphthalene	ND	9.7	1.00	
n-Propylbenzene	ND	1.9	1.00	
Styrene	ND	0.97	1.00	
1,1,1,2-Tetrachloroethane	ND	0.97	1.00	
1,1,2,2-Tetrachloroethane	ND	1.9	1.00	
Tetrachloroethene	ND	0.97	1.00	
Toluene	ND	0.97	1.00	
1,2,3-Trichlorobenzene	ND	1.9	1.00	
1,2,4-Trichlorobenzene	ND	1.9	1.00	
1,1,1-Trichloroethane	ND	0.97	1.00	
1,1,2-Trichloroethane	ND	0.97	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.7	1.00	
Trichloroethene	ND	1.9	1.00	
Trichlorofluoromethane	ND	9.7	1.00	
1,2,3-Trichloropropane	ND	1.9	1.00	
1,2,4-Trimethylbenzene	ND	1.9	1.00	
1,3,5-Trimethylbenzene	ND	1.9	1.00	
Vinyl Acetate	ND	9.7	1.00	
Vinyl Chloride	ND	0.97	1.00	
p/m-Xylene	ND	1.9	1.00	
o-Xylene	ND	0.97	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.9	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	80-120	
Dibromofluoromethane	106	79-133	
1,2-Dichloroethane-d4	117	71-155	
Toluene-d8	102	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

URS Corporation
310 Golden Shore, Suite 100
Long Beach, CA 90802-4240

Project: GE Capital Phase II

Date Received: 10/04/14
Work Order: 14-10-0387
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-2-15-URS	**14-10-0387-3-C**	**10/04/14 13:18**	**Solid**	**GC/MS OO**	**10/04/14**	**10/04/14 17:34**	**141004L003**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	46	1.00	
Benzene	ND	0.92	1.00	
Bromobenzene	ND	0.92	1.00	
Bromochloromethane	ND	1.8	1.00	
Bromodichloromethane	ND	0.92	1.00	
Bromoform	ND	4.6	1.00	
Bromomethane	ND	18	1.00	
2-Butanone	ND	18	1.00	
n-Butylbenzene	ND	0.92	1.00	
sec-Butylbenzene	ND	0.92	1.00	
tert-Butylbenzene	ND	0.92	1.00	
Carbon Disulfide	ND	9.2	1.00	
Carbon Tetrachloride	ND	0.92	1.00	
Chlorobenzene	ND	0.92	1.00	
Chloroethane	ND	1.8	1.00	
Chloroform	ND	0.92	1.00	
Chloromethane	ND	18	1.00	
2-Chlorotoluene	ND	0.92	1.00	
4-Chlorotoluene	ND	0.92	1.00	
Dibromochloromethane	ND	1.8	1.00	
1,2-Dibromo-3-Chloropropane	ND	4.6	1.00	
1,2-Dibromoethane	ND	0.92	1.00	
Dibromomethane	ND	0.92	1.00	
1,2-Dichlorobenzene	ND	0.92	1.00	
1,3-Dichlorobenzene	ND	0.92	1.00	
1,4-Dichlorobenzene	ND	0.92	1.00	
Dichlorodifluoromethane	ND	1.8	1.00	
1,1-Dichloroethane	ND	0.92	1.00	
1,2-Dichloroethane	ND	0.92	1.00	
1,1-Dichloroethene	ND	0.92	1.00	
c-1,2-Dichloroethene	ND	0.92	1.00	
t-1,2-Dichloroethene	ND	0.92	1.00	
1,2-Dichloropropane	ND	0.92	1.00	
1,3-Dichloropropane	ND	0.92	1.00	
2,2-Dichloropropane	ND	4.6	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

URS Corporation	Date Received:	10/04/14
310 Golden Shore, Suite 100	Work Order:	14-10-0387
Long Beach, CA 90802-4240	Preparation:	EPA 5035
	Method:	EPA 8260B
	Units:	ug/kg
Project: GE Capital Phase II		Page 6 of 10

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.8	1.00	
c-1,3-Dichloropropene	ND	0.92	1.00	
t-1,3-Dichloropropene	ND	1.8	1.00	
Ethylbenzene	ND	0.92	1.00	
2-Hexanone	ND	18	1.00	
Isopropylbenzene	ND	0.92	1.00	
p-Isopropyltoluene	ND	0.92	1.00	
Methylene Chloride	ND	9.2	1.00	
4-Methyl-2-Pentanone	ND	18	1.00	
Naphthalene	ND	9.2	1.00	
n-Propylbenzene	ND	1.8	1.00	
Styrene	ND	0.92	1.00	
1,1,1,2-Tetrachloroethane	ND	0.92	1.00	
1,1,2,2-Tetrachloroethane	ND	1.8	1.00	
Tetrachloroethene	ND	0.92	1.00	
Toluene	ND	0.92	1.00	
1,2,3-Trichlorobenzene	ND	1.8	1.00	
1,2,4-Trichlorobenzene	ND	1.8	1.00	
1,1,1-Trichloroethane	ND	0.92	1.00	
1,1,2-Trichloroethane	ND	0.92	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.2	1.00	
Trichloroethene	ND	1.8	1.00	
Trichlorofluoromethane	ND	9.2	1.00	
1,2,3-Trichloropropane	ND	1.8	1.00	
1,2,4-Trimethylbenzene	ND	1.8	1.00	
1,3,5-Trimethylbenzene	ND	1.8	1.00	
Vinyl Acetate	ND	9.2	1.00	
Vinyl Chloride	ND	0.92	1.00	
p/m-Xylene	ND	1.8	1.00	
o-Xylene	ND	0.92	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.8	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	80-120	
Dibromofluoromethane	108	79-133	
1,2-Dichloroethane-d4	120	71-155	
Toluene-d8	102	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

URS Corporation		Date Received:	10/04/14
310 Golden Shore, Suite 100		Work Order:	14-10-0387
Long Beach, CA 90802-4240		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg
Project: GE Capital Phase II			Page 7 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-2-25-URS	**14-10-0387-4-C**	**10/04/14 13:40**	**Solid**	**GC/MS OO**	**10/04/14**	**10/04/14 18:02**	**141004L003**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	44	1.00	
Benzene	ND	0.88	1.00	
Bromobenzene	ND	0.88	1.00	
Bromochloromethane	ND	1.8	1.00	
Bromodichloromethane	ND	0.88	1.00	
Bromoform	ND	4.4	1.00	
Bromomethane	ND	18	1.00	
2-Butanone	ND	18	1.00	
n-Butylbenzene	ND	0.88	1.00	
sec-Butylbenzene	ND	0.88	1.00	
tert-Butylbenzene	ND	0.88	1.00	
Carbon Disulfide	ND	8.8	1.00	
Carbon Tetrachloride	ND	0.88	1.00	
Chlorobenzene	ND	0.88	1.00	
Chloroethane	ND	1.8	1.00	
Chloroform	ND	0.88	1.00	
Chloromethane	ND	18	1.00	
2-Chlorotoluene	ND	0.88	1.00	
4-Chlorotoluene	ND	0.88	1.00	
Dibromochloromethane	ND	1.8	1.00	
1,2-Dibromo-3-Chloropropane	ND	4.4	1.00	
1,2-Dibromoethane	ND	0.88	1.00	
Dibromomethane	ND	0.88	1.00	
1,2-Dichlorobenzene	ND	0.88	1.00	
1,3-Dichlorobenzene	ND	0.88	1.00	
1,4-Dichlorobenzene	ND	0.88	1.00	
Dichlorodifluoromethane	ND	1.8	1.00	
1,1-Dichloroethane	ND	0.88	1.00	
1,2-Dichloroethane	ND	0.88	1.00	
1,1-Dichloroethene	ND	0.88	1.00	
c-1,2-Dichloroethene	ND	0.88	1.00	
t-1,2-Dichloroethene	ND	0.88	1.00	
1,2-Dichloropropane	ND	0.88	1.00	
1,3-Dichloropropane	ND	0.88	1.00	
2,2-Dichloropropane	ND	4.4	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

URS Corporation	Date Received:	10/04/14
310 Golden Shore, Suite 100	Work Order:	14-10-0387
Long Beach, CA 90802-4240	Preparation:	EPA 5035
	Method:	EPA 8260B
	Units:	ug/kg
Project: GE Capital Phase II		Page 8 of 10

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.8	1.00	
c-1,3-Dichloropropene	ND	0.88	1.00	
t-1,3-Dichloropropene	ND	1.8	1.00	
Ethylbenzene	ND	0.88	1.00	
2-Hexanone	ND	18	1.00	
Isopropylbenzene	ND	0.88	1.00	
p-Isopropyltoluene	ND	0.88	1.00	
Methylene Chloride	ND	8.8	1.00	
4-Methyl-2-Pentanone	ND	18	1.00	
Naphthalene	ND	8.8	1.00	
n-Propylbenzene	ND	1.8	1.00	
Styrene	ND	0.88	1.00	
1,1,1,2-Tetrachloroethane	ND	0.88	1.00	
1,1,2,2-Tetrachloroethane	ND	1.8	1.00	
Tetrachloroethene	ND	0.88	1.00	
Toluene	ND	0.88	1.00	
1,2,3-Trichlorobenzene	ND	1.8	1.00	
1,2,4-Trichlorobenzene	ND	1.8	1.00	
1,1,1-Trichloroethane	ND	0.88	1.00	
1,1,2-Trichloroethane	ND	0.88	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.8	1.00	
Trichloroethene	ND	1.8	1.00	
Trichlorofluoromethane	ND	8.8	1.00	
1,2,3-Trichloropropane	ND	1.8	1.00	
1,2,4-Trimethylbenzene	ND	1.8	1.00	
1,3,5-Trimethylbenzene	ND	1.8	1.00	
Vinyl Acetate	ND	8.8	1.00	
Vinyl Chloride	ND	0.88	1.00	
p/m-Xylene	ND	1.8	1.00	
o-Xylene	ND	0.88	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.8	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	80-120	
Dibromofluoromethane	108	79-133	
1,2-Dichloroethane-d4	121	71-155	
Toluene-d8	103	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

URS Corporation
310 Golden Shore, Suite 100
Long Beach, CA 90802-4240

Project: GE Capital Phase II

Date Received: 10/04/14
Work Order: 14-10-0387
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**095-01-025-25653**	**N/A**	**Solid**	**GC/MS OO**	**10/04/14**	**10/04/14 12:56**	**141004L003**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	50	1.00	
Benzene	ND	1.0	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	2.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	20	1.00	
2-Butanone	ND	20	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	1.0	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	2.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	20	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	2.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	2.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	1.0	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	5.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

URS Corporation
310 Golden Shore, Suite 100
Long Beach, CA 90802-4240

Date Received: 10/04/14
Work Order: 14-10-0387
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: GE Capital Phase II

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	2.0	1.00	
c-1,3-Dichloropropene	ND	1.0	1.00	
t-1,3-Dichloropropene	ND	2.0	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	20	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	20	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	2.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	2.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	2.0	1.00	
1,2,4-Trichlorobenzene	ND	2.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
Trichloroethene	ND	2.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	2.0	1.00	
1,2,4-Trimethylbenzene	ND	2.0	1.00	
1,3,5-Trimethylbenzene	ND	2.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	1.0	1.00	
p/m-Xylene	ND	2.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	2.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	104	79-133	
1,2-Dichloroethane-d4	106	71-155	
Toluene-d8	102	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

URS Corporation		Date Received:	10/04/14
310 Golden Shore, Suite 100		Work Order:	14-10-0387
Long Beach, CA 90802-4240		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: GE Capital Phase II			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
14-10-0358-1	**Sample**	**Solid**	**GC 49**	**10/06/14**	**10/06/14 12:08**	**141006S03**
14-10-0358-1	**Matrix Spike**	**Solid**	**GC 49**	**10/06/14**	**10/06/14 11:35**	**141006S03**
14-10-0358-1	**Matrix Spike Duplicate**	**Solid**	**GC 49**	**10/06/14**	**10/06/14 11:51**	**141006S03**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	28.96	400.0	410.2	95	361.5	83	64-130	13	0-15	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

URS Corporation	Date Received: 10/04/14
310 Golden Shore, Suite 100	Work Order: 14-10-0387
Long Beach, CA 90802-4240	Preparation: EPA 3550B
	Method: EPA 8015B (M)
Project: GE Capital Phase II	Page 1 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-422-1402	**LCS**	**Solid**	**GC 49**	**10/06/14**	**10/06/14 11:18**	**141006B03A**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Diesel	400.0	361.3	90	75-123	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

URS Corporation
310 Golden Shore, Suite 100
Long Beach, CA 90802-4240

Project: GE Capital Phase II

Date Received: 10/04/14
Work Order: 14-10-0387
Preparation: EPA 5035
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-25653	**LCS**	**Solid**	**GC/MS OO**	**10/04/14**	**10/04/14 10:35**	**141004L003**
095-01-025-25653	**LCSD**	**Solid**	**GC/MS OO**	**10/04/14**	**10/04/14 11:22**	**141004L003**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	53.25	107	52.91	106	80-120	73-127	1	0-20	
Carbon Tetrachloride	50.00	57.22	114	59.42	119	65-137	53-149	4	0-20	
Chlorobenzene	50.00	49.09	98	49.62	99	80-120	73-127	1	0-20	
1,2-Dibromoethane	50.00	51.26	103	52.11	104	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	50.00	48.81	98	49.03	98	80-120	73-127	0	0-20	
1,2-Dichloroethane	50.00	53.54	107	52.85	106	80-120	73-127	1	0-20	
1,1-Dichloroethene	50.00	52.27	105	54.89	110	68-128	58-138	5	0-20	
Ethylbenzene	50.00	51.74	103	51.89	104	80-120	73-127	0	0-20	
Toluene	50.00	53.44	107	53.17	106	80-120	73-127	1	0-20	
Trichloroethene	50.00	45.32	91	44.91	90	80-120	73-127	1	0-20	
Vinyl Chloride	50.00	56.34	113	58.26	117	67-127	57-137	3	0-20	
p/m-Xylene	100.0	104.6	105	104.1	104	75-125	67-133	0	0-25	
o-Xylene	50.00	53.32	107	53.02	106	75-125	67-133	1	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	54.37	109	55.55	111	70-124	61-133	2	0-20	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 14-10-0387 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 8015B (M)	EPA 3550B	628	GC 49	1
EPA 8260B	EPA 5035	849	GC/MS OO	2

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Glossary of Terms and Qualifiers

Work Order: 14-10-0387 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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CHAIN-OF-CUSTODY RECORD

14-10-0387

REQUESTED ANALYSES

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WORK ORDER #: 14-10-

SAMPLE RECEIPT FORM

Cooler ___ of ___

CLIENT: _____ DATE: 10/24/14

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Temperature 2.9 °C - 0.2 °C (CF) = 2.7 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (but received on ice/chilled on same day of sampling).

☐ Sample(s) outside temperature criteria. Client approved.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature ☐ Air ☐ Filter Checked by: SCC

CUSTODY SEALS INTACT:

☐ Cooler ☐ _____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Checked by: SCC

☐ Sample ☐ _____ ☐ No (Not Intact) ☑ Not Present Checked by: SCC

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collector name, matrix, and preservation on containers logged in based on sample labels.			
☐ Turnaround time requested ☐ Rush turnaround time requested ☐ No dates/times relinquished			
Sampler's name indicated on COC	☑	☐	
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑		
Aqueous samples received within 15-minute holding time			
☐ pH ☐ Dissolved Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen		☐	☑
Proper preservation noted on COC or sample container	☐		☑
☐ Unpreserved vials received for Volatile analyses			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid ☐ 4oz JGJ ☐ 8oz JGJ ☐ 16oz JGJ ☑ Sleeve (5) ☑ EnCores® (3) TerraCores® ☐ _____

Aqueous: ☐ VOA ☐ VOAh ☐ VOAna2 ☐ 100AGB ☐ 125AGBh ☐ 125AGBp ☐ 1AGB ☐ 1AGBna2 ☐ 1AGBs

☐ 500AGB ☐ 500AGJ ☐ 500AGJs ☐ 250AGB ☐ 250CGB ☐ 250CGBs ☐ 1PB ☐ 1PBna ☐ 500PB

☐ 250PB ☐ 250PBn ☐ 125PB ☐ 125PBznna ☐ 100PJ ☐ 100PJna2 ☐ _____ ☐ _____ ☐ _____

Air: ☐ Tedlar® ☐ Canister Other: ☐ _____ Trip Blank Lot#: _____ Labeled/Checked by: SCC

Container: C: Clear, A: Amber, P: Plastic, G: Glass, J: Jar, B: Bottle Z: Ziploc/Resealable Bag E: Encore/Envelope Reviewed by: _____

Preservation: h: HCl, n: HNO3, na: NaOH, na2: NaOH+ZnAc, p: H3PO4, s: H2SO4, u: Ultrapure, x: Na2SO3+NaHSO4•H2O, znna: ZnAc2+NaOH Scanned by: _____

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WORK ORDER NUMBER: 14-10-0390

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: URS Corporation

Client Project Name: GE Capital Real Estate Ph II

Attention: Ben Migney
310 Golden Shore, Suite 100
Long Beach, CA 90802-4240

Vikas Patel

Approved for release on 10/09/2014 by:
Vikas Patel
Project Manager

ResultLink

Email your PM

nelac

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 14-10-0390

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Work Order Narrative

Work Order: 14-10-0390 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 10/06/14. They were assigned to Work Order 14-10-0390.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

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Analytical Report

URS Corporation
310 Golden Shore, Suite 100
Long Beach, CA 90802-4240

Date Received: 10/06/14
Work Order: 14-10-0390
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: GE Capital Real Estate Ph II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-15-URS	**14-10-0390-1-A**	**10/05/14 10:58**	**Solid**	**GC 49**	**10/06/14**	**10/06/14 20:21**	**141006B03A**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	ND	4.9	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	101	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-25-URS	**14-10-0390-2-A**	**10/05/14 11:30**	**Solid**	**GC 49**	**10/06/14**	**10/06/14 20:37**	**141006B03A**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	ND	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	104	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-422-1402**	**N/A**	**Solid**	**GC 49**	**10/06/14**	**10/06/14 11:00**	**141006B03A**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	ND	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	92	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

URS Corporation
310 Golden Shore, Suite 100
Long Beach, CA 90802-4240

Date Received: 10/06/14
Work Order: 14-10-0390
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: GE Capital Real Estate Ph II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-15-URS	**14-10-0390-1-C**	**10/05/14 10:58**	**Solid**	**GC/MS RR**	**10/06/14**	**10/06/14 22:27**	**141006L016**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	47	1.00	
Benzene	ND	0.93	1.00	
Bromobenzene	ND	0.93	1.00	
Bromochloromethane	ND	1.9	1.00	
Bromodichloromethane	ND	0.93	1.00	
Bromoform	ND	4.7	1.00	
Bromomethane	ND	19	1.00	
2-Butanone	ND	19	1.00	
n-Butylbenzene	ND	0.93	1.00	
sec-Butylbenzene	ND	0.93	1.00	
tert-Butylbenzene	ND	0.93	1.00	
Carbon Disulfide	ND	9.3	1.00	
Carbon Tetrachloride	ND	0.93	1.00	
Chlorobenzene	ND	0.93	1.00	
Chloroethane	ND	1.9	1.00	
Chloroform	ND	0.93	1.00	
Chloromethane	ND	19	1.00	
2-Chlorotoluene	ND	0.93	1.00	
4-Chlorotoluene	ND	0.93	1.00	
Dibromochloromethane	ND	1.9	1.00	
1,2-Dibromo-3-Chloropropane	ND	4.7	1.00	
1,2-Dibromoethane	ND	0.93	1.00	
Dibromomethane	ND	0.93	1.00	
1,2-Dichlorobenzene	ND	0.93	1.00	
1,3-Dichlorobenzene	ND	0.93	1.00	
1,4-Dichlorobenzene	ND	0.93	1.00	
Dichlorodifluoromethane	ND	1.9	1.00	
1,1-Dichloroethane	ND	0.93	1.00	
1,2-Dichloroethane	ND	0.93	1.00	
1,1-Dichloroethene	ND	0.93	1.00	
c-1,2-Dichloroethene	ND	0.93	1.00	
t-1,2-Dichloroethene	ND	0.93	1.00	
1,2-Dichloropropane	ND	0.93	1.00	
1,3-Dichloropropane	ND	0.93	1.00	
2,2-Dichloropropane	ND	4.7	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

URS Corporation
310 Golden Shore, Suite 100
Long Beach, CA 90802-4240

Date Received: 10/06/14
Work Order: 14-10-0390
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: GE Capital Real Estate Ph II

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.9	1.00	
c-1,3-Dichloropropene	ND	0.93	1.00	
t-1,3-Dichloropropene	ND	1.9	1.00	
Ethylbenzene	ND	0.93	1.00	
2-Hexanone	ND	19	1.00	
Isopropylbenzene	ND	0.93	1.00	
p-Isopropyltoluene	ND	0.93	1.00	
Methylene Chloride	ND	9.3	1.00	
4-Methyl-2-Pentanone	ND	19	1.00	
Naphthalene	ND	9.3	1.00	
n-Propylbenzene	ND	1.9	1.00	
Styrene	ND	0.93	1.00	
1,1,1,2-Tetrachloroethane	ND	0.93	1.00	
1,1,2,2-Tetrachloroethane	ND	1.9	1.00	
Tetrachloroethene	ND	0.93	1.00	
Toluene	ND	0.93	1.00	
1,2,3-Trichlorobenzene	ND	1.9	1.00	
1,2,4-Trichlorobenzene	ND	1.9	1.00	
1,1,1-Trichloroethane	ND	0.93	1.00	
1,1,2-Trichloroethane	ND	0.93	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.3	1.00	
Trichloroethene	ND	1.9	1.00	
Trichlorofluoromethane	ND	9.3	1.00	
1,2,3-Trichloropropane	ND	1.9	1.00	
1,2,4-Trimethylbenzene	ND	1.9	1.00	
1,3,5-Trimethylbenzene	ND	1.9	1.00	
Vinyl Acetate	ND	9.3	1.00	
Vinyl Chloride	ND	0.93	1.00	
p/m-Xylene	ND	1.9	1.00	
o-Xylene	ND	0.93	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.9	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	80-120	
Dibromofluoromethane	98	79-133	
1,2-Dichloroethane-d4	102	71-155	
Toluene-d8	99	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

URS Corporation
310 Golden Shore, Suite 100
Long Beach, CA 90802-4240

Date Received: 10/06/14
Work Order: 14-10-0390
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: GE Capital Real Estate Ph II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-25-URS	**14-10-0390-2-C**	**10/05/14 11:30**	**Solid**	**GC/MS RR**	**10/06/14**	**10/06/14 22:55**	**141006L016**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	44	1.00	
Benzene	ND	0.88	1.00	
Bromobenzene	ND	0.88	1.00	
Bromochloromethane	ND	1.8	1.00	
Bromodichloromethane	ND	0.88	1.00	
Bromoform	ND	4.4	1.00	
Bromomethane	ND	18	1.00	
2-Butanone	ND	18	1.00	
n-Butylbenzene	ND	0.88	1.00	
sec-Butylbenzene	ND	0.88	1.00	
tert-Butylbenzene	ND	0.88	1.00	
Carbon Disulfide	ND	8.8	1.00	
Carbon Tetrachloride	ND	0.88	1.00	
Chlorobenzene	ND	0.88	1.00	
Chloroethane	ND	1.8	1.00	
Chloroform	ND	0.88	1.00	
Chloromethane	ND	18	1.00	
2-Chlorotoluene	ND	0.88	1.00	
4-Chlorotoluene	ND	0.88	1.00	
Dibromochloromethane	ND	1.8	1.00	
1,2-Dibromo-3-Chloropropane	ND	4.4	1.00	
1,2-Dibromoethane	ND	0.88	1.00	
Dibromomethane	ND	0.88	1.00	
1,2-Dichlorobenzene	ND	0.88	1.00	
1,3-Dichlorobenzene	ND	0.88	1.00	
1,4-Dichlorobenzene	ND	0.88	1.00	
Dichlorodifluoromethane	ND	1.8	1.00	
1,1-Dichloroethane	ND	0.88	1.00	
1,2-Dichloroethane	ND	0.88	1.00	
1,1-Dichloroethene	ND	0.88	1.00	
c-1,2-Dichloroethene	ND	0.88	1.00	
t-1,2-Dichloroethene	ND	0.88	1.00	
1,2-Dichloropropane	ND	0.88	1.00	
1,3-Dichloropropane	ND	0.88	1.00	
2,2-Dichloropropane	ND	4.4	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

URS Corporation	Date Received:	10/06/14
310 Golden Shore, Suite 100	Work Order:	14-10-0390
Long Beach, CA 90802-4240	Preparation:	EPA 5035
	Method:	EPA 8260B
	Units:	ug/kg
Project: GE Capital Real Estate Ph II		Page 4 of 6

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	1.8	1.00	
c-1,3-Dichloropropene	ND	0.88	1.00	
t-1,3-Dichloropropene	ND	1.8	1.00	
Ethylbenzene	ND	0.88	1.00	
2-Hexanone	ND	18	1.00	
Isopropylbenzene	ND	0.88	1.00	
p-Isopropyltoluene	ND	0.88	1.00	
Methylene Chloride	ND	8.8	1.00	
4-Methyl-2-Pentanone	ND	18	1.00	
Naphthalene	ND	8.8	1.00	
n-Propylbenzene	ND	1.8	1.00	
Styrene	ND	0.88	1.00	
1,1,1,2-Tetrachloroethane	ND	0.88	1.00	
1,1,2,2-Tetrachloroethane	ND	1.8	1.00	
Tetrachloroethene	ND	0.88	1.00	
Toluene	ND	0.88	1.00	
1,2,3-Trichlorobenzene	ND	1.8	1.00	
1,2,4-Trichlorobenzene	ND	1.8	1.00	
1,1,1-Trichloroethane	ND	0.88	1.00	
1,1,2-Trichloroethane	ND	0.88	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.8	1.00	
Trichloroethene	ND	1.8	1.00	
Trichlorofluoromethane	ND	8.8	1.00	
1,2,3-Trichloropropane	ND	1.8	1.00	
1,2,4-Trimethylbenzene	ND	1.8	1.00	
1,3,5-Trimethylbenzene	ND	1.8	1.00	
Vinyl Acetate	ND	8.8	1.00	
Vinyl Chloride	ND	0.88	1.00	
p/m-Xylene	ND	1.8	1.00	
o-Xylene	ND	0.88	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.8	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	80-120	
Dibromofluoromethane	99	79-133	
1,2-Dichloroethane-d4	103	71-155	
Toluene-d8	100	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

URS Corporation
310 Golden Shore, Suite 100
Long Beach, CA 90802-4240

Date Received: 10/06/14
Work Order: 14-10-0390
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: GE Capital Real Estate Ph II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**095-01-025-25656**	**N/A**	**Solid**	**GC/MS RR**	**10/06/14**	**10/06/14 18:44**	**141006L016**

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	50	1.00	
Benzene	ND	1.0	1.00	
Bromobenzene	ND	1.0	1.00	
Bromochloromethane	ND	2.0	1.00	
Bromodichloromethane	ND	1.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	20	1.00	
2-Butanone	ND	20	1.00	
n-Butylbenzene	ND	1.0	1.00	
sec-Butylbenzene	ND	1.0	1.00	
tert-Butylbenzene	ND	1.0	1.00	
Carbon Disulfide	ND	10	1.00	
Carbon Tetrachloride	ND	1.0	1.00	
Chlorobenzene	ND	1.0	1.00	
Chloroethane	ND	2.0	1.00	
Chloroform	ND	1.0	1.00	
Chloromethane	ND	20	1.00	
2-Chlorotoluene	ND	1.0	1.00	
4-Chlorotoluene	ND	1.0	1.00	
Dibromochloromethane	ND	2.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	1.0	1.00	
Dibromomethane	ND	1.0	1.00	
1,2-Dichlorobenzene	ND	1.0	1.00	
1,3-Dichlorobenzene	ND	1.0	1.00	
1,4-Dichlorobenzene	ND	1.0	1.00	
Dichlorodifluoromethane	ND	2.0	1.00	
1,1-Dichloroethane	ND	1.0	1.00	
1,2-Dichloroethane	ND	1.0	1.00	
1,1-Dichloroethene	ND	1.0	1.00	
c-1,2-Dichloroethene	ND	1.0	1.00	
t-1,2-Dichloroethene	ND	1.0	1.00	
1,2-Dichloropropane	ND	1.0	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
2,2-Dichloropropane	ND	5.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

URS Corporation
310 Golden Shore, Suite 100
Long Beach, CA 90802-4240

Date Received: 10/06/14
Work Order: 14-10-0390
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: GE Capital Real Estate Ph II

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	2.0	1.00	
c-1,3-Dichloropropene	ND	1.0	1.00	
t-1,3-Dichloropropene	ND	2.0	1.00	
Ethylbenzene	ND	1.0	1.00	
2-Hexanone	ND	20	1.00	
Isopropylbenzene	ND	1.0	1.00	
p-Isopropyltoluene	ND	1.0	1.00	
Methylene Chloride	ND	10	1.00	
4-Methyl-2-Pentanone	ND	20	1.00	
Naphthalene	ND	10	1.00	
n-Propylbenzene	ND	2.0	1.00	
Styrene	ND	1.0	1.00	
1,1,1,2-Tetrachloroethane	ND	1.0	1.00	
1,1,2,2-Tetrachloroethane	ND	2.0	1.00	
Tetrachloroethene	ND	1.0	1.00	
Toluene	ND	1.0	1.00	
1,2,3-Trichlorobenzene	ND	2.0	1.00	
1,2,4-Trichlorobenzene	ND	2.0	1.00	
1,1,1-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloroethane	ND	1.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.00	
Trichloroethene	ND	2.0	1.00	
Trichlorofluoromethane	ND	10	1.00	
1,2,3-Trichloropropane	ND	2.0	1.00	
1,2,4-Trimethylbenzene	ND	2.0	1.00	
1,3,5-Trimethylbenzene	ND	2.0	1.00	
Vinyl Acetate	ND	10	1.00	
Vinyl Chloride	ND	1.0	1.00	
p/m-Xylene	ND	2.0	1.00	
o-Xylene	ND	1.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	2.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	80-120	
Dibromofluoromethane	102	79-133	
1,2-Dichloroethane-d4	105	71-155	
Toluene-d8	98	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

URS Corporation
310 Golden Shore, Suite 100
Long Beach, CA 90802-4240

Project: GE Capital Real Estate Ph II

Date Received: 10/06/14
Work Order: 14-10-0390
Preparation: EPA 3550B
Method: EPA 8015B (M)
Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
14-10-0358-1	**Sample**	**Solid**	**GC 49**	**10/06/14**	**10/06/14 12:08**	**141006S03**
14-10-0358-1	**Matrix Spike**	**Solid**	**GC 49**	**10/06/14**	**10/06/14 11:35**	**141006S03**
14-10-0358-1	**Matrix Spike Duplicate**	**Solid**	**GC 49**	**10/06/14**	**10/06/14 11:51**	**141006S03**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	28.96	400.0	410.2	95	361.5	83	64-130	13	0-15	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

URS Corporation	Date Received: 10/06/14
310 Golden Shore, Suite 100	Work Order: 14-10-0390
Long Beach, CA 90802-4240	Preparation: EPA 3550B
	Method: EPA 8015B (M)
Project: GE Capital Real Estate Ph II	Page 1 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-422-1402	**LCS**	**Solid**	**GC 49**	**10/06/14**	**10/06/14 11:18**	**141006B03A**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Diesel	400.0	361.3	90	75-123	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

URS Corporation
310 Golden Shore, Suite 100
Long Beach, CA 90802-4240

Date Received: 10/06/14
Work Order: 14-10-0390
Preparation: EPA 5035
Method: EPA 8260B

Project: GE Capital Real Estate Ph II

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-25656	**LCS**	**Solid**	**GC/MS RR**	**10/06/14**	**10/06/14 17:14**	**141006L016**
095-01-025-25656	**LCSD**	**Solid**	**GC/MS RR**	**10/06/14**	**10/06/14 17:42**	**141006L016**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	50.00	51.87	104	54.94	110	80-120	73-127	6	0-20	
Carbon Tetrachloride	50.00	52.68	105	55.22	110	65-137	53-149	5	0-20	
Chlorobenzene	50.00	51.56	103	54.32	109	80-120	73-127	5	0-20	
1,2-Dibromoethane	50.00	51.74	103	55.94	112	80-120	73-127	8	0-20	
1,2-Dichlorobenzene	50.00	49.46	99	53.20	106	80-120	73-127	7	0-20	
1,2-Dichloroethane	50.00	51.22	102	54.52	109	80-120	73-127	6	0-20	
1,1-Dichloroethene	50.00	48.03	96	51.68	103	68-128	58-138	7	0-20	
Ethylbenzene	50.00	52.77	106	56.05	112	80-120	73-127	6	0-20	
Toluene	50.00	51.07	102	54.43	109	80-120	73-127	6	0-20	
Trichloroethene	50.00	49.20	98	53.07	106	80-120	73-127	8	0-20	
Vinyl Chloride	50.00	45.90	92	49.04	98	67-127	57-137	7	0-20	
p/m-Xylene	100.0	107.7	108	114.3	114	75-125	67-133	6	0-25	
o-Xylene	50.00	55.24	110	58.46	117	75-125	67-133	6	0-25	
Methyl-t-Butyl Ether (MTBE)	50.00	53.80	108	55.81	112	70-124	61-133	4	0-20	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 14-10-0390 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 8015B (M)	EPA 3550B	628	GC 49	1
EPA 8260B	EPA 5035	796	GC/MS RR	2

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Glossary of Terms and Qualifiers

Work Order: 14-10-0390 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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CHAIN-OF-CUSTODY RECORD

14-10-0390

REQUESTED ANALYSES

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Calscience

WORK ORDER #: 14-10-

SAMPLE RECEIPT FORM

Cooler ___ of ___

CLIENT: ___ DATE: 10/06/14

TEMPERATURE: Thermometer ID: SC2 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 2.2 °C - 0.2 °C (CF) = 2.0 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: ___)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☐ Air ☐ Filter Checked by: ___

CUSTODY SEALS INTACT:

☐ Cooler ☐ ___ ☐ No (Not Intact) ☑ Not Present ☐ N/A Checked by: ___

☐ Sample(s) ☐ ___ ☐ No (Not Intact) ☑ Not Present Checked by: ___

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) properly completed	☑	☐	☐
☐ Custody seal(s) not intact and/or ☐ other discrepancies noted on sample labels			
☐ Analysis requested ☐ Not relinquished ☐ No date/time relinquished			
Sampler's name indicated on COC	☑	☐	☐
Sample container(s) and/or matrix(s) consistent with COC	☑	☐	☐
Sample containers intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
☐ Unpreserved aqueous VOC samples received > 48 hours from sampling time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved aqueous VOC(s) received for metals analysis			
Volatile analysis containers free of headspace		☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solids: ☐ 4ozCG ☐ 8ozCG ☐ 16ozCG ☐ Sleeve ___ ☑ En Cores® ☐ TerraCores® ☐ ___

Aqueous: ☐ VOA ☐ VOAh ☐ VOAna2 ☐ 125AGB ☐ 125AGBh ☐ 125AGBp ☐ 1AGB ☐ 1AGBna2 ☐ 1AGBs

☐ 500AGB ☐ 500AGJ ☐ 500AGJs ☐ 250AGB ☐ 250CGB ☐ 250CGBs ☐ 1PB ☐ 1PBna ☐ 500PB

☐ 250PB ☐ 250PBn ☐ 125PB ☐ 125PBznna ☐ 100PJ ☐ 100Pna2 ☐ ___ ☐ ___ ☐ ___

Air: ☐ Tedlar® ☐ Canister Other: ☐ ___ Trip Blank Lot#: ___ Labeled/Checked by: ___

Container: C-Clear; A-Amber; P-Plastic; G-Glass; B-Bottle; J-Jar; E-Encore®; S-Sleeve; T-EnCore® Sampler; B-Unknown

Preservative: h-HCl, n-HNO3, na2-Na2S2O3, na-NaOH, p-H3PO4, s-H2SO4, u-Ultra-pure, znna-Zn(C2H3O2)2+NaOH, f-Field-Filtered

Reviewed by: ___

Scanned by: ___

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ATTACHMENT B

CITY OF LOS ANGELES LABORATORY RESULTS

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

LA County Dept. of Public Works
GMED Materials Lab 900 S. Fremont Ave, 4th Floor
Alhambra, CA 91803-

Telephone: (626)458-5100
Attention: Gregory Sena

Number of Pages 12
Date Received 10/05/2014
Date Reported 10/08/2014

Job Number	Order Date	Client
74628	10/05/2014	LACDPW

Project ID: GMSATURNST
Project Name: 1977 Saturn Street
Site: 1977 Saturn Street
Monterey Park, CA 91755

Enclosed please find results of analyses of 8 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

American Environmental Testing Laboratory Inc.

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CHAIN OF CUSTODY RECORD

№ 69541

COMPANY: [illegible]
COMPANY ADDRESS: [illegible]
PROJECT NAME: [illegible]
PROJECT MANAGER: [illegible]
PHONE: [illegible]
FAX: [illegible]
PROJECT #: [illegible]
SITE NAME AND ADDRESS: [illegible]
P.O.#:
AETLJOB No.: 74628
Page 1 of 1

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
B-1-1	74628.01	10/15/14	10:30	S	5 TUBES	ICE
B-1-2	74628.02		10:45			
B-1-3	74628.03		11:00			
B-1-4	74628.04		11:30			
B-1-5	74628.05		11:35			
B-1-6	74628.06		11:40			
B-1-7	74628.07		11:50			
B-1-8	74628.08		11:55			

ANALYSIS REQUESTED: [illegible]

TEST INSTRUCTIONS & COMMENTS

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: 40
CUSTODY SEALS: Y (N) NA
RECEIVED IN GOOD COND.: (Y) N
PROPERLY COOLED: (Y) N NA
SAMPLES INTACT: (Y) N NA
SAMPLES ACCEPTED: (Y) N

RELINQUISHED BY: 1. [illegible] Date: 10-15-14 Time: 1440
RECEIVED BY: 1. [illegible] Date: 10-15-14 Time: 1440
RELINQUISHED BY: 2. [illegible] Date: [illegible] Time: [illegible]
RECEIVED BY: 2. [illegible] Date: [illegible] Time: [illegible]
RELINQUISHED BY: 3. [illegible] Date: 10-15-14 Time: 1530
RECEIVED BY: 3. [illegible] Date: 10/15/14 Time: 1530

TURN AROUND TIME

☐ NORMAL ☒ RUSH ☐ SAME DAY ☐ NEXT DAY ☒ 3 DAYS ☐ 5 DAYS

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

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Ordered By

LA County Dept. of Public Works
GMED Materials Lab 900 S. Fremont Ave, 4th Floor
Alhambra, CA 91803-

Telephone: (626)458-5100
Attention: Gregory Sena

Project ID: GMSATURNST
Date Received 10/05/2014
Date Reported 10/08/2014

Job Number	Order Date	Client
74628	10/05/2014	LACDPW

CERTIFICATE OF ANALYSIS
CASE NARRATIVE

AETL received 8 samples with the following specification on 10/05/2014.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
74628.01	B-1-1	10/05/2014	Soil	5
74628.02	B-1-2	10/05/2014	Soil	5
74628.03	B-1-3	10/05/2014	Soil	5
74628.04	B-1-4	10/05/2014	Soil	5
74628.05	B-1-5	10/05/2014	Soil	5
74628.06	B-1-6	10/05/2014	Soil	5
74628.07	B-1-7	10/05/2014	Soil	5
74628.08	B-1-8	10/05/2014	Soil	5

Method ^ Submethod	Req Date	Priority	TAT	Units
(8260B) ^ +OXY5035	10/07/2014	3	Rush	ug/Kg
(M8015D)	10/07/2014	3	Rush	mg/Kg

The samples were analyzed as specified on the enclosed chain of custody.
No analytical non-conformances were encountered.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

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ANALYTICAL RESULTS

Ordered By

LA County Dept. of Public Works
GMED Materials Lab
900 S. Fremont Ave, 4th Floor
Alhambra, CA 91803-

Telephone: (626)458-5100
Attn: Gregory Sena
Page: **2**

Site

1977 Saturn Street
Monterey Park, CA 91755

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74628	10/05/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006141A2

Our Lab I.D.			Method Blank	74628.01	74628.02	74628.03	74628.04
Client Sample I.D.				B-1-1	B-1-2	B-1-3	B-1-4
Date Sampled				10/05/2014	10/05/2014	10/05/2014	10/05/2014
Date Prepared			10/06/2014	10/06/2014	10/06/2014	10/06/2014	10/06/2014
Preparation Method			5030	5035A	5035A	5035A	5035A
Date Analyzed			10/06/2014	10/06/2014	10/06/2014	10/06/2014	10/06/2014
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Acetone	25	50	ND	ND	ND	ND	ND
Benzene	1.0	10.0	ND	ND	ND	ND	ND
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND	ND	ND	ND
Bromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromodichloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	25	50	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	15	30	ND	ND	ND	ND	ND
2-Butanone (MEK)	25	50	ND	ND	ND	ND	ND
n-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
sec-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
tert-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Carbon Disulfide	25	50	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	10.0	ND	ND	ND	ND	ND
Chlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
Chloroethane	15	30	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	50	50	ND	ND	ND	ND	ND
Chloroform (Trichloromethane)	5.0	10.0	ND	ND	ND	ND	ND
Chloromethane (Methyl chloride)	15	30	ND	ND	ND	ND	ND
2-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane (DBCP)	25	50	ND	ND	ND	ND	ND
Dibromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND	ND	ND	ND
Dibromomethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND

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ANALYTICAL RESULTS

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74628	10/05/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006141A2

Our Lab I.D.			Method Blank	74628.01	74628.02	74628.03	74628.04
Client Sample I.D.				B-1-1	B-1-2	B-1-3	B-1-4
Date Sampled				10/05/2014	10/05/2014	10/05/2014	10/05/2014
Date Prepared			10/06/2014	10/06/2014	10/06/2014	10/06/2014	10/06/2014
Preparation Method			5030	5035A	5035A	5035A	5035A
Date Analyzed			10/06/2014	10/06/2014	10/06/2014	10/06/2014	10/06/2014
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Dichlorodifluoromethane	15	30	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
2,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
Ethylbenzene	1.0	10.0	ND	ND	ND	ND	ND
Hexachlorobutadiene	15	30	ND	ND	ND	ND	ND
2-Hexanone	25	50	ND	ND	ND	ND	ND
Isopropylbenzene	5.0	10.0	ND	ND	ND	ND	ND
p-Isopropyltoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND	ND	ND	ND
Methylene chloride (DCM)	25	50	ND	ND	ND	ND	ND
Naphthalene	5.0	10.0	ND	ND	ND	ND	ND
n-Propylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Styrene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
Tetrachloroethene	2.0	10.0	ND	ND	ND	ND	ND
Toluene (Methyl benzene)	1.0	10.0	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
Trichloroethene	1.5	10.0	ND	ND	ND	ND	ND
Trichlorofluoromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND

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ANALYTICAL RESULTS

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74628	10/05/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006141A2

Our Lab I.D.			Method Blank	**74628.01**	**74628.02**	**74628.03**	**74628.04**
Client Sample I.D.				B-1-1	B-1-2	B-1-3	B-1-4
Date Sampled				**10/05/2014**	**10/05/2014**	**10/05/2014**	**10/05/2014**
Date Prepared			**10/06/2014**	**10/06/2014**	**10/06/2014**	**10/06/2014**	**10/06/2014**
Preparation Method			**5030**	**5035A**	**5035A**	**5035A**	**5035A**
Date Analyzed			**10/06/2014**	**10/06/2014**	**10/06/2014**	**10/06/2014**	**10/06/2014**
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
1,3,5-Trimethylbenzene	**5.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
Vinyl Acetate	**25**	**50**	**ND**	**ND**	**ND**	**ND**	**ND**
Vinyl chloride (Chloroethene)	**5.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
o-Xylene	**1.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
m,p-Xylenes	**1.0**	**20.0**	**ND**	**ND**	**ND**	**ND**	**ND**
tert-Butyl alcohol (TBA)	**20**	**500**	**ND**	**ND**	**ND**	**ND**	**ND**
Diisopropyl ether (DIPE)	**2.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
Ethyl alcohol (Ethanol)	**100**	**500**	**ND**	**ND**	**ND**	**ND**	**ND**
Ethyl-tert-butyl ether (ETBE)	**2.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
Methyl-tert-butyl ether (MTBE)	**2.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
tert-Amyl methyl ether (TAME)	**2.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
Our Lab I.D.			Method Blank	**74628.01**	**74628.02**	**74628.03**	**74628.04**
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Bromofluorobenzene	**75-125**		**109**	**111**	**108**	**108**	**109**
Dibromofluoromethane	**75-125**		**94.8**	**108**	**109**	**106**	**109**
Toluene-d8	**75-125**		**108**	**104**	**104**	**103**	**104**

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ANALYTICAL RESULTS

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Page: **5**

Site

1977 Saturn Street
Monterey Park, CA 91755

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74628	10/05/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006141A2

Our Lab I.D.			74628.05	74628.06	74628.07	74628.08	
Client Sample I.D.			B-1-5	B-1-6	B-1-7	B-1-8	
Date Sampled			10/05/2014	10/05/2014	10/05/2014	10/05/2014	
Date Prepared			10/06/2014	10/06/2014	10/06/2014	10/06/2014	
Preparation Method			5035A	5035A	5035A	5035A	
Date Analyzed			10/06/2014	10/06/2014	10/06/2014	10/07/2014	
Matrix			Soil	Soil	Soil	Soil	
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	
Dilution Factor			1	1	1	1	
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	
Acetone	25	50	ND	ND	ND	ND	
Benzene	1.0	10.0	ND	ND	ND	ND	
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND	ND	ND	
Bromochloromethane	5.0	10.0	ND	ND	ND	ND	
Bromodichloromethane	5.0	10.0	ND	ND	ND	ND	
Bromoform (Tribromomethane)	25	50	ND	ND	ND	ND	
Bromomethane (Methyl bromide)	15	30	ND	ND	ND	ND	
2-Butanone (MEK)	25	50	ND	ND	ND	ND	
n-Butylbenzene	5.0	10.0	ND	ND	ND	ND	
sec-Butylbenzene	5.0	10.0	ND	ND	ND	ND	
tert-Butylbenzene	5.0	10.0	ND	ND	ND	ND	
Carbon Disulfide	25	50	ND	ND	ND	ND	
Carbon tetrachloride	5.0	10.0	ND	ND	ND	ND	
Chlorobenzene	5.0	10.0	ND	ND	ND	ND	
Chloroethane	15	30	ND	ND	ND	ND	
2-Chloroethyl vinyl ether	50	50	ND	ND	ND	ND	
Chloroform (Trichloromethane)	5.0	10.0	ND	ND	ND	ND	
Chloromethane (Methyl chloride)	15	30	ND	ND	ND	ND	
2-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	
4-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	
1,2-Dibromo-3-chloropropane (DBCP)	25	50	ND	ND	ND	ND	
Dibromochloromethane	5.0	10.0	ND	ND	ND	ND	
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND	ND	ND	
Dibromomethane	5.0	10.0	ND	ND	ND	ND	
1,2-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	
1,3-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	
1,4-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	

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ANALYTICAL RESULTS

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74628	10/05/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006141A2

Our Lab I.D.			74628.05	74628.06	74628.07	74628.08	
Client Sample I.D.			B-1-5	B-1-6	B-1-7	B-1-8	
Date Sampled			10/05/2014	10/05/2014	10/05/2014	10/05/2014	
Date Prepared			10/06/2014	10/06/2014	10/06/2014	10/06/2014	
Preparation Method			5035A	5035A	5035A	5035A	
Date Analyzed			10/06/2014	10/06/2014	10/06/2014	10/07/2014	
Matrix			Soil	Soil	Soil	Soil	
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	
Dilution Factor			1	1	1	1	
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	
Dichlorodifluoromethane	15	30	ND	ND	ND	ND	
1,1-Dichloroethane	5.0	10.0	ND	ND	ND	ND	
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND	ND	ND	
1,1-Dichloroethene	5.0	10.0	ND	ND	ND	ND	
cis-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	
trans-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	
1,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	
1,3-Dichloropropane	5.0	10.0	ND	ND	ND	ND	
2,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	
1,1-Dichloropropene	5.0	10.0	ND	ND	ND	ND	
cis-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	
trans-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	
Ethylbenzene	1.0	10.0	ND	ND	ND	ND	
Hexachlorobutadiene	15	30	ND	ND	ND	ND	
2-Hexanone	25	50	ND	ND	ND	ND	
Isopropylbenzene	5.0	10.0	ND	ND	ND	ND	
p-Isopropyltoluene	5.0	10.0	ND	ND	ND	ND	
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND	ND	ND	
Methylene chloride (DCM)	25	50	ND	ND	ND	ND	
Naphthalene	5.0	10.0	ND	ND	ND	ND	
n-Propylbenzene	5.0	10.0	ND	ND	ND	ND	
Styrene	5.0	10.0	ND	ND	ND	ND	
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	
Tetrachloroethene	2.0	10.0	ND	ND	ND	ND	
Toluene (Methyl benzene)	1.0	10.0	ND	ND	ND	ND	
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	
1,1,1-Trichloroethane	5.0	10.0	ND	ND	ND	ND	
1,1,2-Trichloroethane	5.0	10.0	ND	ND	ND	ND	
Trichloroethene	1.5	10.0	ND	ND	ND	ND	
Trichlorofluoromethane	5.0	10.0	ND	ND	ND	ND	
1,2,3-Trichloropropane	5.0	10.0	ND	ND	ND	ND	
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	

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ANALYTICAL RESULTS

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74628	10/05/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006141A2

Our Lab I.D.			74628.05	74628.06	74628.07	74628.08	
Client Sample I.D.			B-1-5	B-1-6	B-1-7	B-1-8	
Date Sampled			10/05/2014	10/05/2014	10/05/2014	10/05/2014	
Date Prepared			10/06/2014	10/06/2014	10/06/2014	10/06/2014	
Preparation Method			5035A	5035A	5035A	5035A	
Date Analyzed			10/06/2014	10/06/2014	10/06/2014	10/07/2014	
Matrix			Soil	Soil	Soil	Soil	
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	
Dilution Factor			1	1	1	1	
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	
1,3,5-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	
Vinyl Acetate	25	50	ND	ND	ND	ND	
Vinyl chloride (Chloroethene)	5.0	10.0	ND	ND	ND	ND	
o-Xylene	1.0	10.0	ND	ND	ND	ND	
m,p-Xylenes	1.0	20.0	ND	ND	ND	ND	
tert-Butyl alcohol (TBA)	20	500	ND	ND	ND	ND	
Diisopropyl ether (DIPE)	2.0	10.0	ND	ND	ND	ND	
Ethyl alcohol (Ethanol)	100	500	ND	ND	ND	ND	
Ethyl-tert-butyl ether (ETBE)	2.0	10.0	ND	ND	ND	ND	
Methyl-tert-butyl ether (MTBE)	2.0	10.0	ND	ND	ND	ND	
tert-Amyl methyl ether (TAME)	2.0	10.0	ND	ND	ND	ND	
Our Lab I.D.			74628.05	74628.06	74628.07	74628.08	
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	
Bromofluorobenzene	75-125		110	111	111	111	
Dibromofluoromethane	75-125		111	106	107	108	
Toluene-d8	75-125		104	104	104	104	

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ANALYTICAL RESULTS

Ordered By

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Telephone: (626)458-5100
Attn: Gregory Sena

Site

1977 Saturn Street
Monterey Park, CA 91755

Page: **8**

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74628	10/05/2014	LACDPW

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 100614DB1

Our Lab I.D.			Method Blank	**74628.01**	**74628.02**	**74628.03**	**74628.04**
Client Sample I.D.				B-1-1	B-1-2	B-1-3	B-1-4
Date Sampled				**10/05/2014**	**10/05/2014**	**10/05/2014**	**10/05/2014**
Date Prepared			**10/06/2014**	**10/06/2014**	**10/06/2014**	**10/06/2014**	**10/06/2014**
Preparation Method			**3550B**	**3550B**	**3550B**	**3550B**	**3550B**
Date Analyzed			**10/06/2014**	**10/07/2014**	**10/07/2014**	**10/07/2014**	**10/07/2014**
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Diesel (C9-C22)	**1.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
TPH as Heavy Hydrocarbons (C23-C40)	**1.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
TPH Total as Diesel and Heavy HC. C9-C40	**1.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
Our Lab I.D.			Method Blank	**74628.01**	**74628.02**	**74628.03**	**74628.04**
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Chlorobenzene	**75-125**		**120**	**124**	**120**	**117**	**116**

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Site

1977 Saturn Street
Monterey Park, CA 91755

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74628	10/05/2014	LACDPW

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 100614DB1

Our Lab I.D.			74628.05	74628.06	74628.07	74628.08	
Client Sample I.D.			B-1-5	B-1-6	B-1-7	B-1-8	
Date Sampled			10/05/2014	10/05/2014	10/05/2014	10/05/2014	
Date Prepared			10/06/2014	10/06/2014	10/06/2014	10/06/2014	
Preparation Method			3550B	3550B	3550B	3550B	
Date Analyzed			10/07/2014	10/07/2014	10/07/2014	10/07/2014	
Matrix			Soil	Soil	Soil	Soil	
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	1	1	1	
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	
TPH as Diesel (C9-C22)	1.0	10.0	ND	ND	ND	ND	
TPH as Heavy Hydrocarbons (C23-C40)	1.0	10.0	ND	ND	ND	ND	
TPH Total as Diesel and Heavy HC. C9-C40	1.0	10.0	ND	ND	ND	ND	
Our Lab I.D.			74628.05	74628.06	74628.07	74628.08	
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	
Chlorobenzene	75-125		115	116	124	124	

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QUALITY CONTROL RESULTS

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Page: **10**

Site

1977 Saturn Street
Monterey Park, CA 91755

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74628	10/05/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006141A2; Dup or Spiked Sample: 74628.01; LCS: Clean Sand; QC Prepared: 10/06/2014;MS Analyzed: 10/07/2014; LCS Analyzed: 10/06/2014; Units: ug/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Benzene	0.00	50.0	45.3	90.6	50.0	45.2	90.4	<1	75-125	<20
Chlorobenzene	0.00	50.0	48.2	96.4	50.0	47.3	94.6	1.88	75-125	<20
1,1-Dichloroethene	0.00	50.0	48.6	97.2	50.0	47.9	95.8	1.45	75-125	<20
Toluene (Methyl benzene)	0.00	50.0	48.4	96.8	50.0	47.8	95.6	1.25	75-125	<20
Trichloroethene	0.00	50.0	48.0	96.0	50.0	49.4	98.8	2.87	75-125	<20
Methyl-tert-butyl ether (MTBE)	0.00	50.0	46.0	92.0	50.0	45.7	91.4	<1	75-125	<20
Surrogates										
Bromofluorobenzene	0.00	50.0	49.9	99.8	50.0	49.5	99.0	<1	75-125	<20
Dibromofluoromethane	0.00	50.0	53.5	107	50.0	53.5	107	<1	75-125	<20
Toluene-d8	0.00	50.0	53.0	106	50.0	51.5	103	2.83	75-125	<20

QC Batch No: 1006141A2; Dup or Spiked Sample: 74628.01; LCS: Clean Sand; QC Prepared: 10/06/2014;MS Analyzed: 10/07/2014; LCS Analyzed: 10/06/2014; Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Benzene	50.0	49.4	98.8	50.0	48.5	97.0	1.84	75-125	<20	
Chlorobenzene	50.0	54.7	109	50.0	54.2	108	<1	75-125	<20	
1,1-Dichloroethene	50.0	53.1	106	50.0	49.6	99.2	6.63	75-125	<20	
Toluene (Methyl benzene)	50.0	56.1	112	50.0	54.3	109	2.71	75-125	<20	
Trichloroethene	50.0	56.0	112	50.0	53.8	108	3.64	75-125	<20	
Methyl-tert-butyl ether (MTBE)	50.0	43.9	87.8	50.0	43.3	87.0	<1	75-125	<20	
LCS										
Chloroform (Trichloromethane)	50.0	45.9	91.8	50.0	44.3	88.6	3.55	75-125	<20	
Ethylbenzene	50.0	56.3	113	50.0	55.0	110	2.69	75-125	<20	
1,1,1-Trichloroethane	50.0	56.0	112	50.0	53.0	106	5.50	75-125	<20	
o-Xylene	50.0	55.9	112	50.0	54.7	109	2.71	75-125	<20	
m,p-Xylenes	100	115	115	100	112	112	2.64	75-125	<20	
Surrogates										
Bromofluorobenzene	50.0	47.8	95.7	50.0	47.4	94.9	<1	75-125	<20	
Dibromofluoromethane	50.0	48.2	96.4	50.0	48.4	96.8	<1	75-125	<20	

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QUALITY CONTROL RESULTS

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74628	10/05/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006141A2; Dup or Spiked Sample: 74628.01; LCS: Clean Sand; QC Prepared: 10/06/2014;MS Analyzed: 10/07/2014; LCS Analyzed: 10/06/2014; Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Toluene-d8	**50.0**	**54.5**	**109**	**50.0**	**53.6**	**107**	**1.83**	**75-125**	**<20**	

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QUALITY CONTROL RESULTS

Ordered By

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Attn: Gregory Sena
Page: **12**

Site

1977 Saturn Street
Monterey Park, CA 91755

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74628	10/05/2014	LACDPW

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 100614DB1; Dup or Spiked Sample: 74619.04; LCS: Clean Sand; QC Prepared: 10/06/2014;MS Analyzed: 10/07/2014; LCS Analyzed: 10/06/2014; Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Diesel (C9-C22)	0.00	500	535	107	500	530	106	<1	75-125	<20
Surrogates										
Chlorobenzene	0.00	100	115	115	100	120	120	4.35	75-125	<20

QC Batch No: 100614DB1; Dup or Spiked Sample: 74619.04; LCS: Clean Sand; QC Prepared: 10/06/2014;MS Analyzed: 10/07/2014; LCS Analyzed: 10/06/2014; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
TPH as Diesel (C9-C22)	500	530	106	75-125						
Surrogates										
Chlorobenzene	100	119	119	75-125						

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Data Qualifiers and Descriptors

Data Qualifiers:

*	Recovery is not within acceptable control limits.
#	In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
B	Analyte was present in the Method Blank.
D	Results from a diluted analysis.
E	Result is beyond calibration limits and is estimated.
H	Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
J	Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
M	Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
MCL	Maximum Contaminant Level
N/A	Not Available
NS	Surrogate recovery is outside control limits due to matrix interference.
SS	The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
X	Results represent LCS and LCSD data.

Definition:

CL	Percent acceptable limits.
%REC	Percent recovery.
QC LL	Acceptable Control Limits.
Spike	Added concentration to the sample.
LCS	Laboratory Control Sample.
MDL	Method Detection Limit is a statistically derived minimum which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.

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Data Qualifiers and Descriptors

MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Analyte was not detected in the sample at or above MDL
PQL	Practical Quantitation Limit or ML (Minimum Level as per EPA QC's) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Result	Reported concentration in the sample
RPD	Relative Percent Difference

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Attention: Gregory Sena

Number of Pages 22
Date Received 10/04/2014
Date Reported 10/08/2014

Job Number	Order Date	Client
74627	10/04/2014	LACDPW

Project ID: GMSATURNST
Project Name: 1977 Saturn Street
Site: 1977 Saturn Street
Monterey Park, CA 91755

Enclosed please find results of analyses of 15 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

American Environmental Testing Laboratory Inc.

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CHAIN OF CUSTODY RECORD

No. 69540

AETL JOB No. 14627

Page 1 of 1

COMPANY: [illegible]

PROJECT MANAGER: [illegible]

COMPANY ADDRESS: [illegible]

PHONE: [illegible]

FAX: [illegible]

PROJECT NAME: [illegible]

PROJECT #: [illegible]

SITE NAME AND ADDRESS: [illegible]

PO #: 13CW-220286

ANALYSIS REQUESTED

TEST INSTRUCTIONS & COMMENTS

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
B-4-1	14627.01	10/4/14	08:45	S	5/4oz	✓
B-4-2	14627.02		08:55			
B-4-3	14627.03		09:10			
B-4-4	14627.04		09:20			
B-4-5	14627.05		09:30			
B-4-6	14627.06		09:40			
B-4-7	14627.07		10:00			
B-4-8	14627.08		10:15			
B-3-1	14627.09		10:00			
B-3-2	14627.10		10:10			
B-3-3	14627.11		10:30			
B-3-4	14627.12		10:30			
B-3-5	14627.13		10:40			
B-3-6	14627.14		10:50			
B-3-7	14627.15	↓	11:00	↓	↓	↓

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: 15

PROPERLY COOLED: Y / N / NA

CUSTODY SEALS: Y / N / NA

SAMPLES INTACT: Y / N / NA

RECEIVED IN GOOD COND.: Y / N

SAMPLES ACCEPTED: Y / N

RELINQUISHED BY SAMPLER: 1.

Signature: [illegible]

Print Name: [illegible]

Date/Time: 10/4/14 1715

RELINQUISHED BY: 2.

Signature: [illegible]

Print Name: [illegible]

Date/Time: [illegible]

RECEIVED BY: 3.

Signature: [illegible]

Print Name: [illegible]

Date/Time: 10/4/14 1715

RECEIVED BY: 1.

Signature: [illegible]

Print Name: [illegible]

Date/Time: 10-4-14 1720

RECEIVED BY: 2.

Signature: [illegible]

Print Name: [illegible]

Date/Time: [illegible]

RELINQUISHED BY LABORATORY: 3.

Signature: [illegible]

Print Name: [illegible]

Date/Time: 10/4/14 1730

TURN AROUND TIME

☐ NORMAL ☒ RUSH ☐ SAME DAY ☐ NEXT DAY ☐ 2 DAYS ☐ 3 DAYS

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sample/Originator

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Telephone: (626)458-5100
Attention: Gregory Sena

Project ID: GMSATURNST
Date Received 10/04/2014
Date Reported 10/08/2014

Job Number	Order Date	Client
74627	10/04/2014	LACDPW

CERTIFICATE OF ANALYSIS
CASE NARRATIVE

AETL received 15 samples with the following specification on 10/04/2014.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
74627.01	B-4-1	10/04/2014	Soil	5
74627.02	B-4-2	10/04/2014	Soil	5
74627.03	B-4-3	10/04/2014	Soil	5
74627.04	B-4-4	10/04/2014	Soil	5
74627.05	B-4-5	10/04/2014	Soil	5
74627.06	B-4-6	10/04/2014	Soil	5
74627.07	B-4-7	10/04/2014	Soil	5
74627.08	B-4-8	10/04/2014	Soil	5
74627.09	B-2-1	10/04/2014	Soil	5
74627.10	B-2-2	10/04/2014	Soil	5
74627.11	B-2-3	10/04/2014	Soil	5
74627.12	B-2-4	10/04/2014	Soil	5
74627.13	B-2-5	10/04/2014	Soil	5
74627.14	B-2-6	10/04/2014	Soil	5
74627.15	B-2-7	10/04/2014	Soil	5

Method ^ Submethod	*Req Date*	*Priority*	*TAT*	*Units*
(8260B) ^ +OXY5035	10/06/2014	3	Rush	ug/Kg
(M8015D)	10/06/2014	3	Rush	mg/Kg

The samples were analyzed as specified on the enclosed chain of custody. Analytical non-conformances have been noted on the report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

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ANALYTICAL RESULTS

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Attn: Gregory Sena
Page: **2**

Site

1977 Saturn Street
Monterey Park, CA 91755

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74627	10/04/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006142A1

Our Lab I.D.			Method Blank	74627.01	74627.02	74627.03	74627.04
Client Sample I.D.				B-4-1	B-4-2	B-4-3	B-4-4
Date Sampled				10/04/2014	10/04/2014	10/04/2014	10/04/2014
Date Prepared			10/06/2014	10/06/2014	10/06/2014	10/06/2014	10/06/2014
Preparation Method			5030	5035A	5035A	5035A	5035A
Date Analyzed			10/06/2014	10/06/2014	10/06/2014	10/06/2014	10/06/2014
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Acetone	25	50	ND	ND	ND	ND	ND
Benzene	1.0	10.0	ND	ND	ND	ND	ND
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND	ND	ND	ND
Bromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromodichloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	25	50	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	15	30	ND	ND	ND	ND	ND
2-Butanone (MEK)	25	50	ND	ND	ND	ND	ND
n-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
sec-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
tert-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Carbon Disulfide	25	50	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	10.0	ND	ND	ND	ND	ND
Chlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
Chloroethane	15	30	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	50	50	ND	ND	ND	ND	ND
Chloroform (Trichloromethane)	5.0	10.0	ND	ND	ND	ND	ND
Chloromethane (Methyl chloride)	15	30	ND	ND	ND	ND	ND
2-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane (DBCP)	25	50	ND	ND	ND	ND	ND
Dibromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND	ND	ND	ND
Dibromomethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND

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ANALYTICAL RESULTS

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74627	10/04/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006142A1

Our Lab I.D.			Method Blank	74627.01	74627.02	74627.03	74627.04
Client Sample I.D.				B-4-1	B-4-2	B-4-3	B-4-4
Date Sampled				10/04/2014	10/04/2014	10/04/2014	10/04/2014
Date Prepared			10/06/2014	10/06/2014	10/06/2014	10/06/2014	10/06/2014
Preparation Method			5030	5035A	5035A	5035A	5035A
Date Analyzed			10/06/2014	10/06/2014	10/06/2014	10/06/2014	10/06/2014
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Dichlorodifluoromethane	15	30	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
2,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
Ethylbenzene	1.0	10.0	ND	ND	ND	ND	ND
Hexachlorobutadiene	15	30	ND	ND	ND	ND	ND
2-Hexanone	25	50	ND	ND	ND	ND	ND
Isopropylbenzene	5.0	10.0	ND	ND	ND	ND	ND
p-Isopropyltoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND	ND	ND	ND
Methylene chloride (DCM)	25	50	ND	ND	ND	ND	ND
Naphthalene	5.0	10.0	ND	ND	ND	ND	ND
n-Propylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Styrene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
Tetrachloroethene	2.0	10.0	ND	ND	ND	ND	ND
Toluene (Methyl benzene)	1.0	10.0	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
Trichloroethene	1.5	10.0	ND	ND	ND	ND	ND
Trichlorofluoromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND

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ANALYTICAL RESULTS

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74627	10/04/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006142A1

Our Lab I.D.			Method Blank	**74627.01**	**74627.02**	**74627.03**	**74627.04**
Client Sample I.D.				B-4-1	B-4-2	B-4-3	B-4-4
Date Sampled				**10/04/2014**	**10/04/2014**	**10/04/2014**	**10/04/2014**
Date Prepared			**10/06/2014**	**10/06/2014**	**10/06/2014**	**10/06/2014**	**10/06/2014**
Preparation Method			**5030**	**5035A**	**5035A**	**5035A**	**5035A**
Date Analyzed			**10/06/2014**	**10/06/2014**	**10/06/2014**	**10/06/2014**	**10/06/2014**
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
1,3,5-Trimethylbenzene	**5.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
Vinyl Acetate	**25**	**50**	**ND**	**ND**	**ND**	**ND**	**ND**
Vinyl chloride (Chloroethene)	**5.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
o-Xylene	**1.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
m,p-Xylenes	**1.0**	**20.0**	**ND**	**ND**	**ND**	**ND**	**ND**
tert-Butyl alcohol (TBA)	**20**	**500**	**ND**	**ND**	**ND**	**ND**	**ND**
Diisopropyl ether (DIPE)	**2.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
Ethyl alcohol (Ethanol)	**100**	**500**	**ND**	**ND**	**ND**	**ND**	**ND**
Ethyl-tert-butyl ether (ETBE)	**2.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
Methyl-tert-butyl ether (MTBE)	**2.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
tert-Amyl methyl ether (TAME)	**2.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
Our Lab I.D.			Method Blank	**74627.01**	**74627.02**	**74627.03**	**74627.04**
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Bromofluorobenzene	**75-125**		**101**	**99.5**	**99.1**	**97.6**	**99.5**
Dibromofluoromethane	**75-125**		**104**	**121**	**118**	**115**	**112**
Toluene-d8	**75-125**		**104**	**95.4**	**96.3**	**96.4**	**98.5**

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Site

1977 Saturn Street
Monterey Park, CA 91755

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74627	10/04/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006145A1

Our Lab I.D.			Method Blank	74627.05	74627.06	74627.07	74627.08
Client Sample I.D.				B-4-5	B-4-6	B-4-7	B-4-8
Date Sampled				10/04/2014	10/04/2014	10/04/2014	10/04/2014
Date Prepared			10/06/2014	10/06/2014	10/06/2014	10/06/2014	10/06/2014
Preparation Method			5030	5035A	5035A	5035A	5035A
Date Analyzed			10/06/2014	10/06/2014	10/06/2014	10/06/2014	10/06/2014
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Acetone	25	50	ND	ND	ND	ND	ND
Benzene	1.0	10.0	ND	ND	ND	ND	ND
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND	ND	ND	ND
Bromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromodichloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	25	50	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	15	30	ND	ND	ND	ND	ND
2-Butanone (MEK)	25	50	ND	ND	ND	ND	ND
n-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
sec-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
tert-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Carbon Disulfide	25	50	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	10.0	ND	ND	ND	ND	ND
Chlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
Chloroethane	15	30	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	50	50	ND	ND	ND	ND	ND
Chloroform (Trichloromethane)	5.0	10.0	ND	ND	ND	ND	ND
Chloromethane (Methyl chloride)	15	30	ND	ND	ND	ND	ND
2-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane (DBCP)	25	50	ND	ND	ND	ND	ND
Dibromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND	ND	ND	ND
Dibromomethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND

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ANALYTICAL RESULTS

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74627	10/04/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006145A1

Our Lab I.D.			Method Blank	74627.05	74627.06	74627.07	74627.08
Client Sample I.D.				B-4-5	B-4-6	B-4-7	B-4-8
Date Sampled				10/04/2014	10/04/2014	10/04/2014	10/04/2014
Date Prepared			10/06/2014	10/06/2014	10/06/2014	10/06/2014	10/06/2014
Preparation Method			5030	5035A	5035A	5035A	5035A
Date Analyzed			10/06/2014	10/06/2014	10/06/2014	10/06/2014	10/06/2014
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Dichlorodifluoromethane	15	30	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
2,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
Ethylbenzene	1.0	10.0	ND	ND	ND	ND	ND
Hexachlorobutadiene	15	30	ND	ND	ND	ND	ND
2-Hexanone	25	50	ND	ND	ND	ND	ND
Isopropylbenzene	5.0	10.0	ND	ND	ND	ND	ND
p-Isopropyltoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND	ND	ND	ND
Methylene chloride (DCM)	25	50	ND	ND	ND	ND	ND
Naphthalene	5.0	10.0	ND	ND	ND	ND	ND
n-Propylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Styrene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
Tetrachloroethene	2.0	10.0	ND	ND	ND	ND	ND
Toluene (Methyl benzene)	1.0	10.0	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
Trichloroethene	1.5	10.0	ND	ND	ND	ND	ND
Trichlorofluoromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND

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ANALYTICAL RESULTS

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74627	10/04/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006145A1

Our Lab I.D.			Method Blank	**74627.05**	**74627.06**	**74627.07**	**74627.08**
Client Sample I.D.				B-4-5	B-4-6	B-4-7	B-4-8
Date Sampled				**10/04/2014**	**10/04/2014**	**10/04/2014**	**10/04/2014**
Date Prepared			**10/06/2014**	**10/06/2014**	**10/06/2014**	**10/06/2014**	**10/06/2014**
Preparation Method			**5030**	**5035A**	**5035A**	**5035A**	**5035A**
Date Analyzed			**10/06/2014**	**10/06/2014**	**10/06/2014**	**10/06/2014**	**10/06/2014**
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
1,3,5-Trimethylbenzene	**5.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
Vinyl Acetate	**25**	**50**	**ND**	**ND**	**ND**	**ND**	**ND**
Vinyl chloride (Chloroethene)	**5.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
o-Xylene	**1.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
m,p-Xylenes	**1.0**	**20.0**	**ND**	**ND**	**ND**	**ND**	**ND**
tert-Butyl alcohol (TBA)	**20**	**500**	**ND**	**ND**	**ND**	**ND**	**ND**
Diisopropyl ether (DIPE)	**2.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
Ethyl alcohol (Ethanol)	**100**	**500**	**ND**	**ND**	**ND**	**ND**	**ND**
Ethyl-tert-butyl ether (ETBE)	**2.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
Methyl-tert-butyl ether (MTBE)	**2.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
tert-Amyl methyl ether (TAME)	**2.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
Our Lab I.D.			Method Blank	**74627.05**	**74627.06**	**74627.07**	**74627.08**
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Bromofluorobenzene	**75-125**		**107**	**107**	**100**	**104**	**107**
Dibromofluoromethane	**75-125**		**96.6**	**102**	**107**	**106**	**106**
Toluene-d8	**75-125**		**92.7**	**95.8**	**92.3**	**93.2**	**91.7**

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Site

1977 Saturn Street
Monterey Park, CA 91755

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74627	10/04/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006145A1

Our Lab I.D.			74627.09	74627.10	74627.11	74627.12	74627.13
Client Sample I.D.			B-2-1	B-2-2	B-2-3	B-2-4	B-2-5
Date Sampled			10/04/2014	10/04/2014	10/04/2014	10/04/2014	10/04/2014
Date Prepared			10/06/2014	10/06/2014	10/06/2014	10/06/2014	10/06/2014
Preparation Method			5035A	5035A	5035A	5035A	5035A
Date Analyzed			10/06/2014	10/06/2014	10/06/2014	10/06/2014	10/06/2014
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Acetone	25	50	ND	ND	ND	ND	ND
Benzene	1.0	10.0	ND	ND	ND	ND	ND
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND	ND	ND	ND
Bromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromodichloromethane	5.0	10.0	ND	ND	ND	ND	ND
Bromoform (Tribromomethane)	25	50	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	15	30	ND	ND	ND	ND	ND
2-Butanone (MEK)	25	50	ND	ND	ND	ND	ND
n-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
sec-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
tert-Butylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Carbon Disulfide	25	50	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	10.0	ND	ND	ND	ND	ND
Chlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
Chloroethane	15	30	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	50	50	ND	ND	ND	ND	ND
Chloroform (Trichloromethane)	5.0	10.0	ND	ND	ND	ND	ND
Chloromethane (Methyl chloride)	15	30	ND	ND	ND	ND	ND
2-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Chlorotoluene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane (DBCP)	25	50	ND	ND	ND	ND	ND
Dibromochloromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND	ND	ND	ND
Dibromomethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND

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ANALYTICAL RESULTS

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74627	10/04/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006145A1

Our Lab I.D.			74627.09	74627.10	74627.11	74627.12	74627.13
Client Sample I.D.			B-2-1	B-2-2	B-2-3	B-2-4	B-2-5
Date Sampled			10/04/2014	10/04/2014	10/04/2014	10/04/2014	10/04/2014
Date Prepared			10/06/2014	10/06/2014	10/06/2014	10/06/2014	10/06/2014
Preparation Method			5035A	5035A	5035A	5035A	5035A
Date Analyzed			10/06/2014	10/06/2014	10/06/2014	10/06/2014	10/06/2014
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Dichlorodifluoromethane	15	30	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	10.0	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,3-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
2,2-Dichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,1-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	10.0	ND	ND	ND	ND	ND
Ethylbenzene	1.0	10.0	ND	ND	ND	ND	ND
Hexachlorobutadiene	15	30	ND	ND	ND	ND	ND
2-Hexanone	25	50	ND	ND	ND	ND	ND
Isopropylbenzene	5.0	10.0	ND	ND	ND	ND	ND
p-Isopropyltoluene	5.0	10.0	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND	ND	ND	ND
Methylene chloride (DCM)	25	50	ND	ND	ND	ND	ND
Naphthalene	5.0	10.0	ND	ND	ND	ND	ND
n-Propylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Styrene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND	ND	ND	ND
Tetrachloroethene	2.0	10.0	ND	ND	ND	ND	ND
Toluene (Methyl benzene)	1.0	10.0	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	10.0	ND	ND	ND	ND	ND
Trichloroethene	1.5	10.0	ND	ND	ND	ND	ND
Trichlorofluoromethane	5.0	10.0	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5.0	10.0	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND

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ANALYTICAL RESULTS

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74627	10/04/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006145A1

Our Lab I.D.			74627.09	74627.10	74627.11	74627.12	74627.13
Client Sample I.D.			B-2-1	B-2-2	B-2-3	B-2-4	B-2-5
Date Sampled			10/04/2014	10/04/2014	10/04/2014	10/04/2014	10/04/2014
Date Prepared			10/06/2014	10/06/2014	10/06/2014	10/06/2014	10/06/2014
Preparation Method			5035A	5035A	5035A	5035A	5035A
Date Analyzed			10/06/2014	10/06/2014	10/06/2014	10/06/2014	10/06/2014
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
1,3,5-Trimethylbenzene	5.0	10.0	ND	ND	ND	ND	ND
Vinyl Acetate	25	50	ND	ND	ND	ND	ND
Vinyl chloride (Chloroethene)	5.0	10.0	ND	ND	ND	ND	ND
o-Xylene	1.0	10.0	ND	ND	ND	ND	ND
m,p-Xylenes	1.0	20.0	ND	ND	ND	ND	ND
tert-Butyl alcohol (TBA)	20	500	ND	ND	ND	ND	ND
Diisopropyl ether (DIPE)	2.0	10.0	ND	ND	ND	ND	ND
Ethyl alcohol (Ethanol)	100	500	ND	ND	ND	ND	ND
Ethyl-tert-butyl ether (ETBE)	2.0	10.0	ND	ND	ND	ND	ND
Methyl-tert-butyl ether (MTBE)	2.0	10.0	ND	ND	ND	ND	ND
tert-Amyl methyl ether (TAME)	2.0	10.0	ND	ND	ND	ND	ND
Our Lab I.D.			74627.09	74627.10	74627.11	74627.12	74627.13
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Bromofluorobenzene	75-125		99.0	102	114	104	97.9
Dibromofluoromethane	75-125		115	102	105	113	98.5
Toluene-d8	75-125		97.1	91.7	93.0	95.6	92.9

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Site

1977 Saturn Street
Monterey Park, CA 91755

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74627	10/04/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006145A1

Our Lab I.D.			74627.14	74627.15			
Client Sample I.D.			B-2-6	B-2-7			
Date Sampled			10/04/2014	10/04/2014			
Date Prepared			10/06/2014	10/06/2014			
Preparation Method			5035A	5035A			
Date Analyzed			10/06/2014	10/06/2014			
Matrix			Soil	Soil			
Units			ug/Kg	ug/Kg			
Dilution Factor			1	1			
Analytes	**MDL**	**PQL**	**Results**	**Results**			
Acetone	25	50	ND	ND			
Benzene	1.0	10.0	ND	ND			
Bromobenzene (Phenyl bromide)	5.0	10.0	ND	ND			
Bromochloromethane	5.0	10.0	ND	ND			
Bromodichloromethane	5.0	10.0	ND	ND			
Bromoform (Tribromomethane)	25	50	ND	ND			
Bromomethane (Methyl bromide)	15	30	ND	ND			
2-Butanone (MEK)	25	50	ND	ND			
n-Butylbenzene	5.0	10.0	ND	ND			
sec-Butylbenzene	5.0	10.0	ND	ND			
tert-Butylbenzene	5.0	10.0	ND	ND			
Carbon Disulfide	25	50	ND	ND			
Carbon tetrachloride	5.0	10.0	ND	ND			
Chlorobenzene	5.0	10.0	ND	ND			
Chloroethane	15	30	ND	ND			
2-Chloroethyl vinyl ether	50	50	ND	ND			
Chloroform (Trichloromethane)	5.0	10.0	ND	ND			
Chloromethane (Methyl chloride)	15	30	ND	ND			
2-Chlorotoluene	5.0	10.0	ND	ND			
4-Chlorotoluene	5.0	10.0	ND	ND			
1,2-Dibromo-3-chloropropane (DBCP)	25	50	ND	ND			
Dibromochloromethane	5.0	10.0	ND	ND			
1,2-Dibromoethane (EDB)	5.0	10.0	ND	ND			
Dibromomethane	5.0	10.0	ND	ND			
1,2-Dichlorobenzene	5.0	10.0	ND	ND			
1,3-Dichlorobenzene	5.0	10.0	ND	ND			
1,4-Dichlorobenzene	5.0	10.0	ND	ND			

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ANALYTICAL RESULTS

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74627	10/04/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006145A1

Our Lab I.D.			74627.14	74627.15			
Client Sample I.D.			B-2-6	B-2-7			
Date Sampled			10/04/2014	10/04/2014			
Date Prepared			10/06/2014	10/06/2014			
Preparation Method			5035A	5035A			
Date Analyzed			10/06/2014	10/06/2014			
Matrix			Soil	Soil			
Units			ug/Kg	ug/Kg			
Dilution Factor			1	1			
Analytes	**MDL**	**PQL**	**Results**	**Results**			
Dichlorodifluoromethane	15	30	ND	ND			
1,1-Dichloroethane	5.0	10.0	ND	ND			
1,2-Dichloroethane (EDC)	5.0	10.0	ND	ND			
1,1-Dichloroethene	5.0	10.0	ND	ND			
cis-1,2-Dichloroethene	5.0	10.0	ND	ND			
trans-1,2-Dichloroethene	5.0	10.0	ND	ND			
1,2-Dichloropropane	5.0	10.0	ND	ND			
1,3-Dichloropropane	5.0	10.0	ND	ND			
2,2-Dichloropropane	5.0	10.0	ND	ND			
1,1-Dichloropropene	5.0	10.0	ND	ND			
cis-1,3-Dichloropropene	5.0	10.0	ND	ND			
trans-1,3-Dichloropropene	5.0	10.0	ND	ND			
Ethylbenzene	1.0	10.0	ND	ND			
Hexachlorobutadiene	15	30	ND	ND			
2-Hexanone	25	50	ND	ND			
Isopropylbenzene	5.0	10.0	ND	ND			
p-Isopropyltoluene	5.0	10.0	ND	ND			
4-Methyl-2-pentanone (MIBK)	25	50	ND	ND			
Methylene chloride (DCM)	25	50	ND	ND			
Naphthalene	5.0	10.0	ND	ND			
n-Propylbenzene	5.0	10.0	ND	ND			
Styrene	5.0	10.0	ND	ND			
1,1,1,2-Tetrachloroethane	5.0	10.0	ND	ND			
1,1,2,2-Tetrachloroethane	5.0	10.0	ND	ND			
Tetrachloroethene	2.0	10.0	ND	ND			
Toluene (Methyl benzene)	1.0	10.0	ND	ND			
1,2,3-Trichlorobenzene	5.0	10.0	ND	ND			
1,2,4-Trichlorobenzene	5.0	10.0	ND	ND			
1,1,1-Trichloroethane	5.0	10.0	ND	ND			
1,1,2-Trichloroethane	5.0	10.0	ND	ND			
Trichloroethene	1.5	10.0	ND	ND			
Trichlorofluoromethane	5.0	10.0	ND	ND			
1,2,3-Trichloropropane	5.0	10.0	ND	ND			
1,2,4-Trimethylbenzene	5.0	10.0	ND	ND			

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ANALYTICAL RESULTS

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74627	10/04/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006145A1

Our Lab I.D.			**74627.14**	**74627.15**			
Client Sample I.D.			B-2-6	B-2-7			
Date Sampled			**10/04/2014**	**10/04/2014**			
Date Prepared			**10/06/2014**	**10/06/2014**			
Preparation Method			**5035A**	**5035A**			
Date Analyzed			**10/06/2014**	**10/06/2014**			
Matrix			Soil	Soil			
Units			ug/Kg	ug/Kg			
Dilution Factor			1	1			
Analytes	**MDL**	**PQL**	**Results**	**Results**			
1,3,5-Trimethylbenzene	**5.0**	**10.0**	**ND**	**ND**			
Vinyl Acetate	**25**	**50**	**ND**	**ND**			
Vinyl chloride (Chloroethene)	**5.0**	**10.0**	**ND**	**ND**			
o-Xylene	**1.0**	**10.0**	**ND**	**ND**			
m,p-Xylenes	**1.0**	**20.0**	**ND**	**ND**			
tert-Butyl alcohol (TBA)	**20**	**500**	**ND**	**ND**			
Diisopropyl ether (DIPE)	**2.0**	**10.0**	**ND**	**ND**			
Ethyl alcohol (Ethanol)	**100**	**500**	**ND**	**ND**			
Ethyl-tert-butyl ether (ETBE)	**2.0**	**10.0**	**ND**	**ND**			
Methyl-tert-butyl ether (MTBE)	**2.0**	**10.0**	**ND**	**ND**			
tert-Amyl methyl ether (TAME)	**2.0**	**10.0**	**ND**	**ND**			
Our Lab I.D.			**74627.14**	**74627.15**			
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**			
Bromofluorobenzene	**75-125**		**107**	**103**			
Dibromofluoromethane	**75-125**		**116**	**110**			
Toluene-d8	**75-125**		**90.7**	**94.1**			

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Site

1977 Saturn Street
Monterey Park, CA 91755

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74627	10/04/2014	LACDPW

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 100614DB2

Our Lab I.D.			Method Blank	**74627.01**	**74627.02**	**74627.03**	**74627.04**
Client Sample I.D.				B-4-1	B-4-2	B-4-3	B-4-4
Date Sampled				**10/04/2014**	**10/04/2014**	**10/04/2014**	**10/04/2014**
Date Prepared			**10/06/2014**	**10/06/2014**	**10/06/2014**	**10/06/2014**	**10/06/2014**
Preparation Method			**3550B**	**3550B**	**3550B**	**3550B**	**3550B**
Date Analyzed			**10/06/2014**	**10/06/2014**	**10/06/2014**	**10/06/2014**	**10/07/2014**
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Diesel (C9-C22)	**1.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
TPH as Heavy Hydrocarbons (C23-C40)	**1.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
TPH Total as Diesel and Heavy HC. C9-C40	**1.0**	**10.0**	**ND**	**ND**	**ND**	**ND**	**ND**
Our Lab I.D.			Method Blank	**74627.01**	**74627.02**	**74627.03**	**74627.04**
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Chlorobenzene	**75-125**		**110**	**107**	**106**	**98.0**	**106**

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Site

1977 Saturn Street
Monterey Park, CA 91755

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74627	10/04/2014	LACDPW

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 100614DB2

Our Lab I.D.			74627.05	74627.06	74627.07	74627.08	74627.09
Client Sample I.D.			B-4-5	B-4-6	B-4-7	B-4-8	B-2-1
Date Sampled			10/04/2014	10/04/2014	10/04/2014	10/04/2014	10/04/2014
Date Prepared			10/06/2014	10/06/2014	10/06/2014	10/06/2014	10/06/2014
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			10/07/2014	10/07/2014	10/07/2014	10/07/2014	10/07/2014
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Diesel (C9-C22)	1.0	10.0	ND	ND	ND	ND	ND
TPH as Heavy Hydrocarbons (C23-C40)	1.0	10.0	ND	ND	ND	ND	ND
TPH Total as Diesel and Heavy HC. C9-C40	1.0	10.0	ND	ND	ND	ND	ND
Our Lab I.D.			74627.05	74627.06	74627.07	74627.08	74627.09
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Chlorobenzene	75-125		102	106	103	106	104

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Monterey Park, CA 91755

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74627	10/04/2014	LACDPW

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 100614DB2

Our Lab I.D.			74627.10	74627.11	74627.12	74627.13	74627.14
Client Sample I.D.			B-2-2	B-2-3	B-2-4	B-2-5	B-2-6
Date Sampled			10/04/2014	10/04/2014	10/04/2014	10/04/2014	10/04/2014
Date Prepared			10/06/2014	10/06/2014	10/06/2014	10/06/2014	10/06/2014
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			10/07/2014	10/07/2014	10/07/2014	10/07/2014	10/07/2014
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
TPH as Diesel (C9-C22)	1.0	10.0	ND	ND	ND	ND	ND
TPH as Heavy Hydrocarbons (C23-C40)	1.0	10.0	ND	ND	ND	ND	ND
TPH Total as Diesel and Heavy HC. C9-C40	1.0	10.0	ND	ND	ND	ND	ND
Our Lab I.D.			74627.10	74627.11	74627.12	74627.13	74627.14
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Chlorobenzene	75-125		107	103	103	104	103

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Site

1977 Saturn Street
Monterey Park, CA 91755

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74627	10/04/2014	LACDPW

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 100614DB2

Our Lab I.D.			**74627.15**				
Client Sample I.D.			B-2-7				
Date Sampled			**10/04/2014**				
Date Prepared			**10/06/2014**				
Preparation Method			**3550B**				
Date Analyzed			**10/07/2014**				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	**MDL**	**PQL**	**Results**				
TPH as Diesel (C9-C22)	**1.0**	**10.0**	**ND**				
TPH as Heavy Hydrocarbons (C23-C40)	**1.0**	**10.0**	**ND**				
TPH Total as Diesel and Heavy HC. C9-C40	**1.0**	**10.0**	**ND**				
Our Lab I.D.			**74627.15**				
Surrogates	**%Rec.Limit**		**% Rec.**				
Chlorobenzene	**75-125**		**113**				

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GMED Materials Lab
900 S. Fremont Ave, 4th Floor
Alhambra, CA 91803-

Telephone: (626)458-5100
Attn: Gregory Sena

Site

1977 Saturn Street
Monterey Park, CA 91755

Page: **18**

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74627	10/04/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006142A1; Dup or Spiked Sample: 74631.04; LCS: Clean Sand; QC Prepared: 10/06/2014; QC Analyzed: 10/06/2014; Units: ug/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Benzene	0.00	50.0	34.7 #	69.4	50.0	38.4	76.8	10.1	75-125	<20
Chlorobenzene	0.00	50.0	30.6 #	61.2	50.0	34.4 #	68.8	11.7	75-125	<20
1,1-Dichloroethene	0.00	50.0	33.7 #	67.4	50.0	38.3	76.6	12.8	75-125	<20
Toluene (Methyl benzene)	0.00	50.0	32.9 #	65.8	50.0	36.6 #	73.2	10.6	75-125	<20
Trichloroethene	0.00	50.0	34.0 #	68.0	50.0	39.0	78.0	13.7	75-125	<20
Methyl-tert-butyl ether (MTBE)	0.00	50.0	39.0	78.0	50.0	40.5	81.0	3.77	75-125	<20
Surrogates										
Bromofluorobenzene	0.00	50.0	50.0	100	50.0	51.0	102	2.00	75-125	<20
Dibromofluoromethane	0.00	50.0	46.7	93.3	50.0	47.8	95.5	2.36	75-125	<20
Toluene-d8	0.00	50.0	49.4	98.8	50.0	50.0	100	1.21	75-125	<20

QC Batch No: 1006142A1; Dup or Spiked Sample: 74631.04; LCS: Clean Sand; QC Prepared: 10/06/2014; QC Analyzed: 10/06/2014; Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Benzene	50.0	51.0	102	50.0	51.3	103	<1	75-125	<20	
Chlorobenzene	50.0	50.0	100	50.0	48.8	98.0	2.02	75-125	<20	
1,1-Dichloroethene	50.0	53.4	107	50.0	51.6	103	3.81	75-125	<20	
Toluene (Methyl benzene)	50.0	52.1	104	50.0	51.4	103	<1	75-125	<20	
Trichloroethene	50.0	53.2	106	50.0	50.9	102	3.85	75-125	<20	
Methyl-tert-butyl ether (MTBE)	50.0	52.0	104	50.0	52.9	106	1.90	75-125	<20	
LCS										
Chloroform (Trichloromethane)	50.0	51.0	102	50.0	50.2	100	1.98	75-125	<20	
Ethylbenzene	50.0	52.2	104	50.0	51.3	103	<1	75-125	<20	
1,1,1-Trichloroethane	50.0	57.5	115	50.0	56.9	114	<1	75-125	<20	
o-Xylene	50.0	50.3	101	50.0	49.2	98.0	3.02	75-125	<20	
m,p-Xylenes	100	107	107	100	107	107	<1	75-125	<20	
Surrogates										
Bromofluorobenzene	50.0	51.1	102	50.0	50.7	101	<1	75-125	<20	
Dibromofluoromethane	50.0	47.1	94.1	50.0	44.7	89.5	4.89	75-125	<20	

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QUALITY CONTROL RESULTS

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74627	10/04/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006142A1; Dup or Spiked Sample: 74631.04; LCS: Clean Sand; QC Prepared: 10/06/2014; QC Analyzed: 10/06/2014; Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Toluene-d8	**50.0**	**48.4**	**96.7**	**50.0**	**47.7**	**95.5**	**1.24**	**75-125**	**<20**	

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Page: **20**

Site

1977 Saturn Street
Monterey Park, CA 91755

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74627	10/04/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006145A1; Dup or Spiked Sample: 74627.10; LCS: Clean Sand; QC Prepared: 10/06/2014;MS Analyzed: 10/07/2014; LCS Analyzed: 10/06/2014; Units: ug/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Benzene	0.00	50.0	42.4	84.8	50.0	45.7	91.4	7.49	75-125	<20
Chlorobenzene	0.00	50.0	42.6	85.2	50.0	40.1	80.2	6.05	75-125	<20
1,1-Dichloroethene	0.00	50.0	49.5	99.0	50.0	44.7	89.4	10.2	75-125	<20
Toluene (Methyl benzene)	0.00	50.0	41.9	83.8	50.0	41.7	83.4	<1	75-125	<20
Trichloroethene	0.00	50.0	53.5	107	50.0	50.5	101	5.77	75-125	<20
Methyl-tert-butyl ether (MTBE)	0.00	50.0	42.6	85.2	50.0	40.8	81.6	4.32	75-125	<20
Surrogates										
Bromofluorobenzene	0.00	50.0	47.0	94.0	50.0	47.1	94.2	<1	75-125	<20
Dibromofluoromethane	0.00	50.0	51.0	102	50.0	51.0	102	<1	75-125	<20
Toluene-d8	0.00	50.0	47.4	94.7	50.0	50.5	101	6.65	75-125	<20

QC Batch No: 1006145A1; Dup or Spiked Sample: 74627.10; LCS: Clean Sand; QC Prepared: 10/06/2014;MS Analyzed: 10/07/2014; LCS Analyzed: 10/06/2014; Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Benzene	50.0	47.3	94.6	50.0	46.1	92.0	2.79	75-125	<20	
Chlorobenzene	50.0	43.1	86.2	50.0	43.9	88.0	2.07	75-125	<20	
1,1-Dichloroethene	50.0	51.9	104	50.0	53.8	108	3.77	75-125	<20	
Toluene (Methyl benzene)	50.0	43.3	86.6	50.0	44.0	88.0	1.60	75-125	<20	
Trichloroethene	50.0	54.7	109	50.0	51.8	104	4.69	75-125	<20	
Methyl-tert-butyl ether (MTBE)	50.0	43.2	86.4	50.0	46.6	93.0	7.36	75-125	<20	
LCS										
Chloroform (Trichloromethane)	50.0	50.0	100	50.0	51.3	103	2.96	75-125	<20	
Ethylbenzene	50.0	43.8	87.6	50.0	43.9	88.0	<1	75-125	<20	
1,1,1-Trichloroethane	50.0	54.5	109	50.0	54.8	110	<1	75-125	<20	
o-Xylene	50.0	44.0	88.0	50.0	44.8	90.0	2.25	75-125	<20	
m,p-Xylenes	100	86.2	86.2	100	88.7	88.7	2.86	75-125	<20	
Surrogates										
Bromofluorobenzene	50.0	46.8	93.6	50.0	46.9	93.8	<1	75-125	<20	
Dibromofluoromethane	50.0	49.5	99.0	50.0	50.3	101	2.02	75-125	<20	

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QUALITY CONTROL RESULTS

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74627	10/04/2014	LACDPW

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 1006145A1; Dup or Spiked Sample: 74627.10; LCS: Clean Sand; QC Prepared: 10/06/2014;MS Analyzed: 10/07/2014; LCS Analyzed: 10/06/2014; Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Toluene-d8	**50.0**	**46.1**	**92.2**	**50.0**	**46.2**	**92.4**	**<1**	**75-125**	**<20**	

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Page: **22**

Site

1977 Saturn Street
Monterey Park, CA 91755

Project ID: GMSATURNST
Project Name: 1977 Saturn Street

AETL Job Number	Submitted	Client
74627	10/04/2014	LACDPW

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 100614DB2; Dup or Spiked Sample: 74627.01; LCS: Clean Sand; QC Prepared: 10/06/2014; QC Analyzed: 10/06/2014; Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Diesel (C9-C22)	0.00	500	497	99.4	500	530	106	6.4	75-125	<20
Surrogates										
Chlorobenzene	0.00	100	105	105	100	108	108	2.8	75-125	<20

QC Batch No: 100614DB2; Dup or Spiked Sample: 74627.01; LCS: Clean Sand; QC Prepared: 10/06/2014; QC Analyzed: 10/06/2014; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
TPH as Diesel (C9-C22)	500	473	94.6	500	515	103	8.5	75-125	<20	
Surrogates										
Chlorobenzene	100	106	106	100	106	106	<1	75-125	<20	

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Data Qualifiers and Descriptors

Data Qualifiers:

*	Recovery is not within acceptable control limits.
#	In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
B	Analyte was present in the Method Blank.
D	Results from a diluted analysis.
E	Result is beyond calibration limits and is estimated.
H	Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
J	Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
M	Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
MCL	Maximum Contaminant Level
N/A	Not Available
NS	Surrogate recovery is outside control limits due to matrix interference.
SS	The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
X	Results represent LCS and LCSD data.

Definition:

CL	Percent acceptable limits.
%REC	Percent recovery.
QC LL	Acceptable Control Limits.
Spike	Added concentration to the sample.
LCS	Laboratory Control Sample.
MDL	Method Detection Limit is a statistically derived minimum which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.

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Data Qualifiers and Descriptors

MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Analyte was not detected in the sample at or above MDL
PQL	Practical Quantitation Limit or ML (Minimum Level as per EPA QC's) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Result	Reported concentration in the sample
RPD	Relative Percent Difference

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ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

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December 7, 2018

Via US Mail First Class

Count of Los Angeles Department of Public Works
Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802-1460

RECEIVED
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DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS

SUBJECT: **UST SOIL SAMPLING/ CLOSURE REPORT**
1977 SATURN STREET
MONTEREY PARK, CA 91755
SITE FILE NO. 6994-62151 / APP NO. 905166

To whom it may concern:

Attached is one hard copy of the subject report for your review. Please contact the undersigned if you have any additional questions.

Very Truly Yours,
ALTA EM, Inc.

REGISTERED GEOLOGIST
ROBERT B. HANSEN
No. 5839
STATE OF CALIFORNIA

ROBERT B. HANSEN
Senior Env. Geologist
California PG #5839

A 905166

cc: File no. 18738-01
Ron Franklin, George Bryant Construction

006994-065226

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December 5, 2018

Los Angeles County Department of Public Works
Environmental Programs Division
P.O. Box 1460
Alhambra, CA 91802-1460

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DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS

SUBJECT: SOIL SAMPLING RESULTS RELATED TO UST SYSTEM REMOVALS
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

Dear Sirs:

This report summarizes the results of tank system removals, and associated soil sampling activities, completed at the subject site in Monterey Park, California (see attached Site Location Map - **Figure 1**).

The soil sampling activities were completed in general accordance with guidelines of Los Angeles County Department of Public Works (LADPW) and the Los Angeles Regional Water Quality Control Board (LARWQCB).

A copy of the UST removal permit is provided in attached **Appendix A**.

The tank removal activities were conducted by George Bryant Construction of Alta Loma, California (contractor). Soil sampling was completed by ALTA EM, Inc. (environmental consultant). A representative of the LACDPW (Mr. William Edwards) was scheduled to be on-site, but called the site contractor on-site within a few minutes of the scheduled inspection time, indicating he would not be able to be on site. Mr. Edwards authorized the UST removals and soil sampling to commence without his presence. A representative of ALTA EM, Inc. also spoke with Mr. Edwards verifying these approvals, and provided him our contact info, and the license number of the responsible Professional Geologist prior to proceeding.

Site Setting / Hydrogeology

The site is located at the northern edge of the Coastal Plain of Los Angeles County, in the Merced / Montebello Hills. These hills consist of sedimentary rocks of the Pico Formation, and the site area is dominated by the structural feature known as the Montebello Anticline. The site area is not known to contain large-scale regional aquifers, as is the nearby/adjoining LA County Coastal Plain just to the south. The site is located just north and outside of the Montebello Forebay Area of the LA Coastal Plain Groundwater basin (DWR, 1961).

A review of the LACDPW water well database revealed no listed wells within one mile of the subject site (LACDPW, 2018). ALTA EM, Inc. also contacted a nearby cemetery east of the subject site (see **Figure 1**) asking about any potential well information at this location. The cemetery staff reported they have no wells (Resurrection Cemetery, 2018). A review of the Geotracker database for nearby LUST cases, with well data, revealed one facility approximately 0.5 miles south-southwest of the site with groundwater at approximately 70 feet deep in 2005. All other LUST sites with groundwater well data were greater than 0.75 miles away (Geotracker, 2018).

The site is located at the foot of a small hill, on a large graded earthen pad built for the construction of the commercial-office complex which occupies the property. Atop the hill overlooking the site are large municipal water storage tanks, a landscaping nursery (Chuys Nuersery), and a community park (La Loma Park) (see attached **Figure 2**).

While a regional aquifer is not anticipated beneath the site area, an accumulation of relatively shallow groundwater *does* exists beneath the site. The source of this groundwater is unknown (i.e. from nearby or on-site irrigation water? an accumulation of natural precipitation? an on-site water leak? combination of these sources?). Groundwater was initially encountered in the larger UST pit at approximately 5 feet, but stabilized at approximately 11.5 feet bgs overnight after it was pumped out to facility the UST removals. It is noted that groundwater appeared to be shallowest in the western-most portion of the area of investigation, even being encountered in a couple of the piping trench soil samples at 4 feet bgs.

Three monitoring wells were noted around the perimeter of the larger UST pit. All three wells appeared to have been partially destroyed (i.e. cement backfilled in their wells boxes). During excavation, the upper three to five feet of several of the wells was exposed and observed to be 4" PVC casing (presumed to also be backfilled). It is unknown if these wells were installed as groundwater monitoring wells, or possibly vadose wells when groundwater was absent or deeper.

In summary, while a regional aquifer is not anticipated beneath the site area, an accumulation of relatively shallow groundwater exists beneath the site at 4 to 11.5 feet bgs. The direction of groundwater flow is unknown, though topography of the site would strongly indicate it is likely toward the west to southwest. This is contradicted by on-site observations indicating the shallowest groundwater is in the western-most portion of the area investigated.

Tank Contents, Capacity, Construction

Details of the removed tanks were reported by the contractor as follows:

	Content	Capacity	Size	Construction
Tank #1	Diesel Fuel	10,000 gals	34' by 8'	Single-wall fiberglass w/rounded ends
Tank #2	Diesel Fuel	10,000 gals	34' by 8'	Single-wall fiberglass w/rounded ends
Tank #3	Diesel Fuel	2,500 gals	12' by 6'	Double-wall fiberglass coated steel

Larger Tanks 1 & 2 were located in a cluster, while Tank 3 was located approximately 140 feet east of the others. All three tanks contained diesel fuel, and were used to supply emergency generators. All three thanks were buried 3 to 4 feet bgs.

Attached **Figure 3** and **Photo nos. 1 and 2** show the two tank pit areas.

Soil Sampling Methods & Locations

All samples were collected on November 8, 2018.

Samples along the fuel product lines were collected at depths ranging from 3.5 to 5 feet bgs (at least 2 feet beneath removed lines), and were designated as samples no. PS1 to PS13. Attached **Photo nos. 3 through 7** show the various product line trenches which were sampled.

The Tanks 1 & 2 pit contained groundwater at approximately 11.5 feet bgs, and a large concrete pad underlying the tanks at approximately 13.5 feet bgs, precluding reasonable soil sampling. Attached **Photo no. 8** shows groundwater in the tank pit and the concrete pad depth. Given soil samples could not reasonably be collected, alternative groundwater samples were collected from this UST pit with a disposable polyethylene sampling bailer. Attached **Figure no. 3** shows the approximate locations of these two groundwater samples, designated TPGW1 and TPGW2.

The Tank 3 pit also contained an underlying concrete pad throughout the pit bottom at approximately 11.5 feet bgs, but no groundwater. This pad also precluded the reasonable collection of soil samples beneath

the concrete. Alternatively, soil samples were collected from the pit sidewalls, just above the concrete pad level, at diagonally opposing corners of the former tank. The locations of these soil samples, designated T3-1-10 and T3-2-10, are shown on attached **Figure 3**.

Soil samples were obtained with the aid of a hand auger or backhoe. Samples were retained in general accordance with EPA method no. 5035 protocol. An additional amount of each sample (for non-VOC analyses) was also collected in laboratory approved 4-oz. glass jars. **Appendix B** includes further details of the sampling procedures.

Attached **Photos 9 & 10** show both UST pits after the tanks had been removed.

Field Observations

During the soil sampling, olfactory and visual observations, as well as soil types, were recorded and are summarized in the table below:

SAMPLE NO.	SAMPLE LOCATION	SAMPLE DEPTH (feet bgs)	ODOR	COLOR	SOIL TYPE
PS1-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, damp, clayey F. SAND
PS2-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, silty F. SAND
PS3-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, F. SAND; with trace silt
PS4-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, wet, F. SAND; with trace silt
PS5-5	Pipingt rench	5	No Odor	No Discoloration	Yellowish brown, damp to moist, clayey gravelly F. SAND
PS6-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist, F. SAND
PS7-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist, gravelly F. SAND
PS8-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, most , F. SAND
PS9-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, moist to wet, silty F. SAND
PS10-3.5	Piping trench	3.5	No Odor	No Discoloration	Yellowish brown, moist to wet, silty F. SAND
PS11-4	Piping trench	4	No Odor	No Discoloration	Yellowish brown, saturated, clayey silty F. SAND
PS12-3.5	Piping trench	3.5	No Odor	No Discoloration	Yellowish brown, damp to moist, clayey silty F. SAND
PS13-4	Piping trench	4	Very slight HC odor	No Discoloration	Yellowish brown w/olive mottling, moist, sandy SILT; with trace clay
T3-1-10	Tank #3 pit	10	No Odor	No Discoloration	Yellowish orange brown, damp, clayey F. SAND
T3-2-10	Tank #3 pit	10	No Odor	No Discoloration	Yellowish brown, damp, F. SAND; with trace silt and Med Sand

During the groundwater sampling, olfactory and visual observations were recorded and are also summarized in the table below:

SAMPLE NO.	SAMPLE LOCATION	SAMPLE DEPTH (feet bgs)	ODOR & VISUAL OBSERVATIONS	COMMENT
TPGW1	Tank #1 pit - North	11.5	No odor or sheen	Groundwater sample
TPGW2	Tank #1 pit - South	11.5	No odor or sheen	Groundwater sample

Analytical Methods / Results

All soil and groundwater samples were analyzed for TPH diesel (C_{10}-C_{28}), BTEX and Fuel Oxygenates. The UST removal permit initially indicated that organic lead analyses were also required; however follow-up communications with Kattya Batres of the LACDPW confirmed the lead analyses were not required if the USTs historically only contained diesel fuel (which is the case) (see Appendix A).

The analyses were completed in general accordance with modified EPA method no. 8015 (for TPH diesel) and EPA method no. 5035/8260B (for BTEX & FUEL OXYENATES). Results are summarized as follows:

SOIL SAMPLES (all results in mg/kg)				
SAMPLE NO.	**SAMPLE DEPTH (feet bgs)**	**TPH DIESEL (C_{10}-C_{28})**	**BTEX**	**FUEL OXYGENATES (MTBE, ETBE, DIPE, TAME, TBA)**
PS1-4	4	ND	ND	ND
PS2-4	4	ND	ND	ND
PS3-4	4	ND	ND	ND
PS4-4	4	ND	ND	ND
PS5-5	5	ND	ND	ND
PS6-4	4	ND	ND	ND
PS7-4	4	ND	ND	ND
PS8-4	4	ND	ND	ND
PS9-4	4	ND	ND	ND
PS10-3.5	3.5	ND	ND	ND
PS11-4	4	ND	ND	ND
PS12-3.5	3.5	ND	ND	ND
PS13-4	4	**15.2**	ND	ND
T3-1-10	10	**10.5**	ND	ND
T3-2-10	10	ND	ND	ND
PQLs	**N/A**	**10**	**0.005-0.01**	**0.005 - 0.05**

GROUNDWATER SAMPLES (all results in ug/L)				
SAMPLE NO.	**SAMPLE DEPTH (feet bgs)**	**TPH DIESEL (C_{10}-C_{28})**	**BTEX**	**FUEL OXYGENATES (MTBE, ETBE, DIPE, TAME, TBA)**
TPGW1	11.5	ND	ND	ND
TPGW2	11.5	ND	ND	ND
PQLs	**N/A**	500	1-3	3-50

In summary, no significant TPH (C_{10}-C_{28}), BTEX or Fuel Oxygenates were detected in any of the soil or groundwater samples. Two soil samples were reported to contain minor detected TPH (C_{10}-C_{28}) at concentration of 15.2 and 10.5 mg/kg. No field evidence indicating major fuel impacts was observed at or nearby these two samples with detections. A laboratory report further detailing the results of the soil/water sample analyses is provided in attached **Appendix C**.

Other Documentation

Provide in attached **Appendix D** are copies of the tank cleaning rinsate manifest, and the tank destruction/recycling certificates.

Conclusions

Three USTs were removed from the subject site. Two UST were located in one pit, and the third was approximately 140 feet away. Soil samples PS13-4 (piping trench) and T3-1-10 (Tank 3 pit) were reported to contain 15.2 and 10.5 mgkg of TPH (C_{10}-C_{28}), but no detected BTEX or Fuel Oxygenates. Every other soil sample was reported to contain no detected TPH (C_{10}-C_{28}), BTEX or Fuel Oxygenates.

Shallow groundwater was encountered in the Tank 1 & 2 pit, as well as a concrete pad underlying the tanks. Two groundwater samples collected from this tank pit were also reported to contain no detected TPH (C_{10}-C_{28}), BTEX or Fuel Oxygenates.

Based on the field observations and laboratory data, there is no evidence to indicate a significant release of diesel fuel from the removed UST systems. No further action is recommended, and a no further action letter is requested from the responsible party. At the time of this report, the site had no Geotracker case or global ID assigned, so this report and associated data could not be uploaded.

The opportunity to be of service is greatly appreciated. If you have any questions or comments, please do nothesitate to contact the office at (909) 476-2120.

Very Truly Yours,
ALTA EM, INC.



ROBERT B. HANSEN
Project Environmental Geologist
California P.G. #5839

cc: File No.: 18738-01

REFERENCES

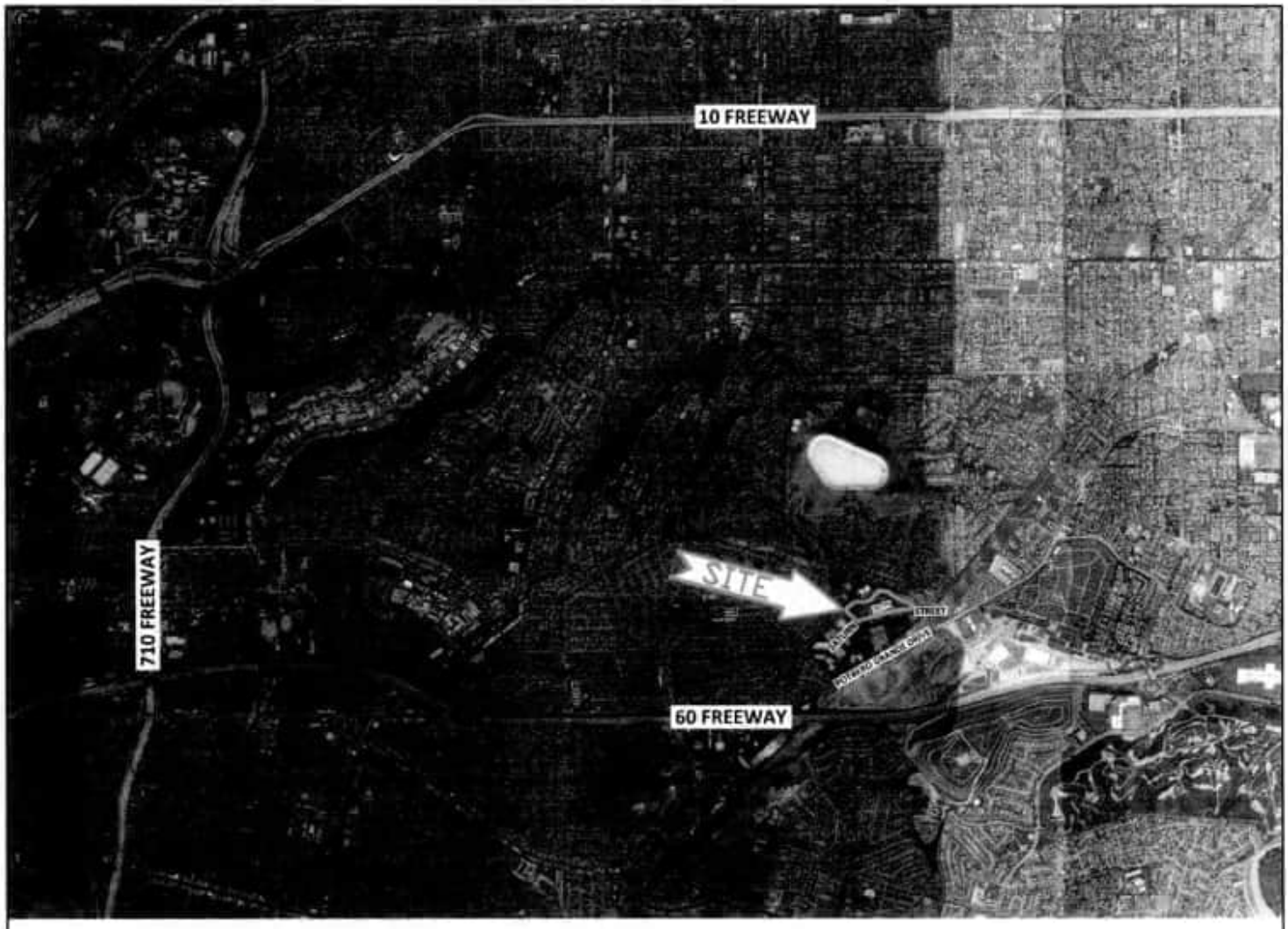
DWR (State of California Department of Water Resources), 1961, Bulletin No. 104, Planned Utilization of the Ground Water Basins of the Coastal Plain of Los Angeles, Appendix A Groundwater Geology, dated June 1961, reprinted April 1988.

Geotracker, 2018, State of California Water Resource Control Board Geotracker Database, reviewed November 9, 2018, source:http://geotracker.waterboards.ca.gov.

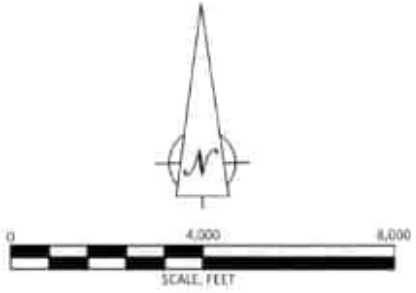
LACDPW (Los Angeles County Department of Public Works), 2018, Water Well Database (http://dpw.lacounty.gov/general/wells/) reviewed on November 9, 2018.

Resurrection Cemetery, 2018, telecommunication with cemetery staff on November 9, 2018.

USGS (United States Geological Survey), 1966, El Monte Quadrangle, 7.5-minute series topographic map, dated 1966, photorevised 1981.







Note:

Base imagery taken from Google Earth, dated 12/03/17.

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

TITLE: SITE LOCATION MAP

PROJECT: GBC-MONTEREY PARK
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

DRAWN BY:	CHECKED BY:	FIGURE NO.:
J. PETITJEAN	R. HANSEN	1
PROJ. NO.:	DATE:	
18738-01	NOV 2018	



0 200 400
Scale: Feet

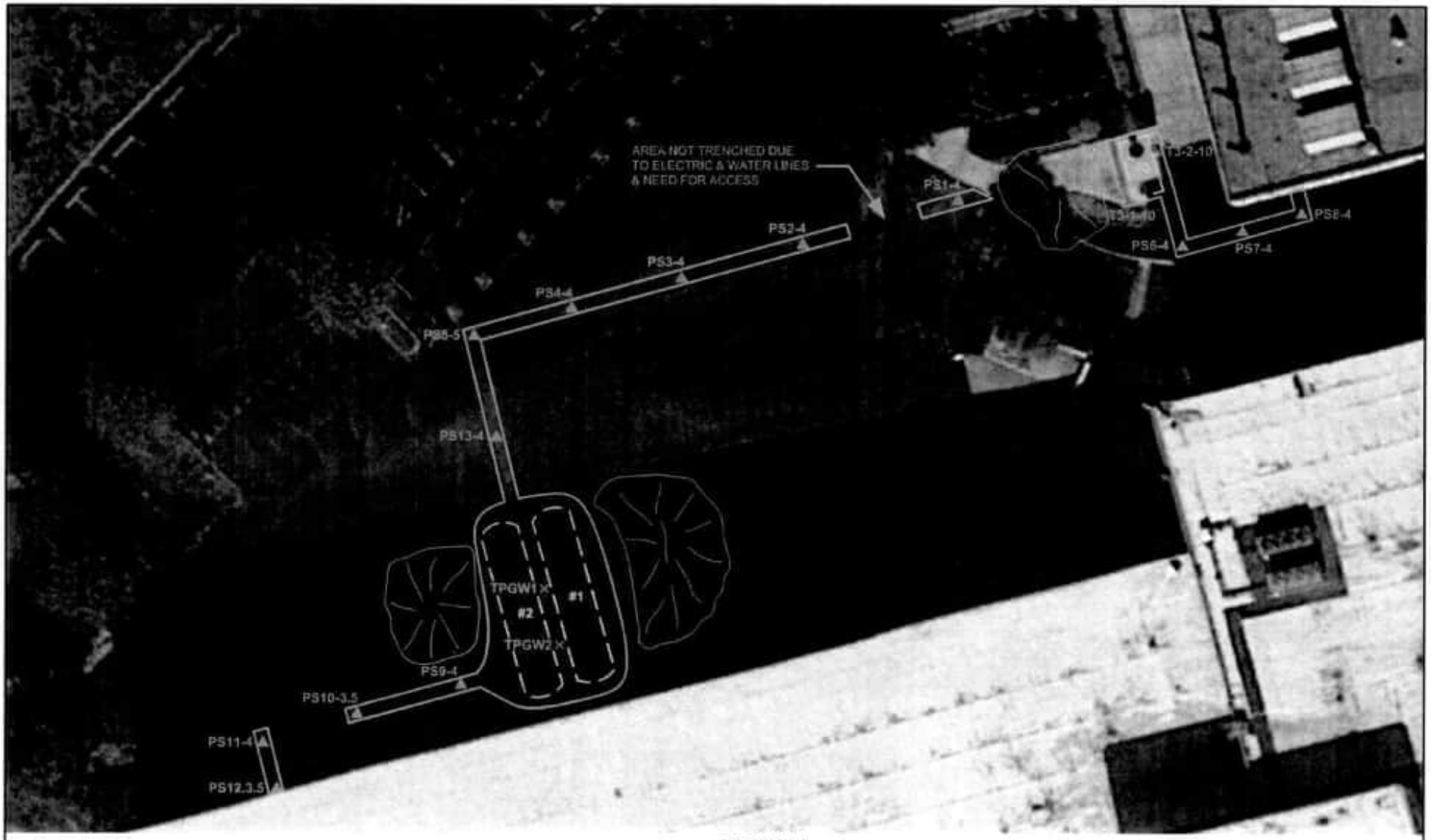
NOTES:
1) All locations and dimensions are approximate.
2) Base imagery taken from Google Earth, dated 12/03/17.

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

PROJECT:
GBC-MONTEREY PARK
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

TITLE: SITE PLAN

DRAWN BY:	CHECKED BY:	FIGURE NO.:
J. PETITJEAN	R. HANSEN	2
PROJ. NO.: 18758-01	DATE: NOV 2018	



EXPLANATION

PS1-4 ▲ Soil Sample Location and Designation
└ Approximate Sample Depth Below Ground Surface (feet)

TPGW1 × Groundwater Sample Location and Designation

Removed UST
└ Tank No.

Pea Gravel Stockpile

Exposed Piping Trench

0 30 60
Scale, Feet

NOTES:
1) All locations and dimensions are approximate.
2) Base imagery taken from Google Earth, dated 12/03/17.

ALTA EM, INC.
EXPERT ENVIRONMENTAL SOLUTIONS

TITLE: SOIL SAMPLING LOCATIONS

PROJECT:
GBC-MONTEREY PARK
1977 SATURN STREET
MONTEREY PARK, CALIFORNIA 91755

DRAWN BY:	CHECKED BY:	FIGURE NO.:
J. PETITJEAN	R. HANSEN	3
PROJ. NO.: 18738-01	DATE: NOV 2018	



Photo 1: (looking S) Tanks 1 & 2 pit prior to UST removals. Note evidence of prior (partially destroyed) monitoring wells in background).



Photo 2: (looking N) Tank 3 pit.



Photo 3: (looking W) Product line trench section in which sample nos. PS1, PS2, PS3, PS4 and PS5 were collected.



Photo 4: (looking S) Product line trench section in which sample nos. PS5 and PS13 were collected.



Photo 5: (looking W) Product line trench section in which sample nos. PS9 and PS10 were collected..

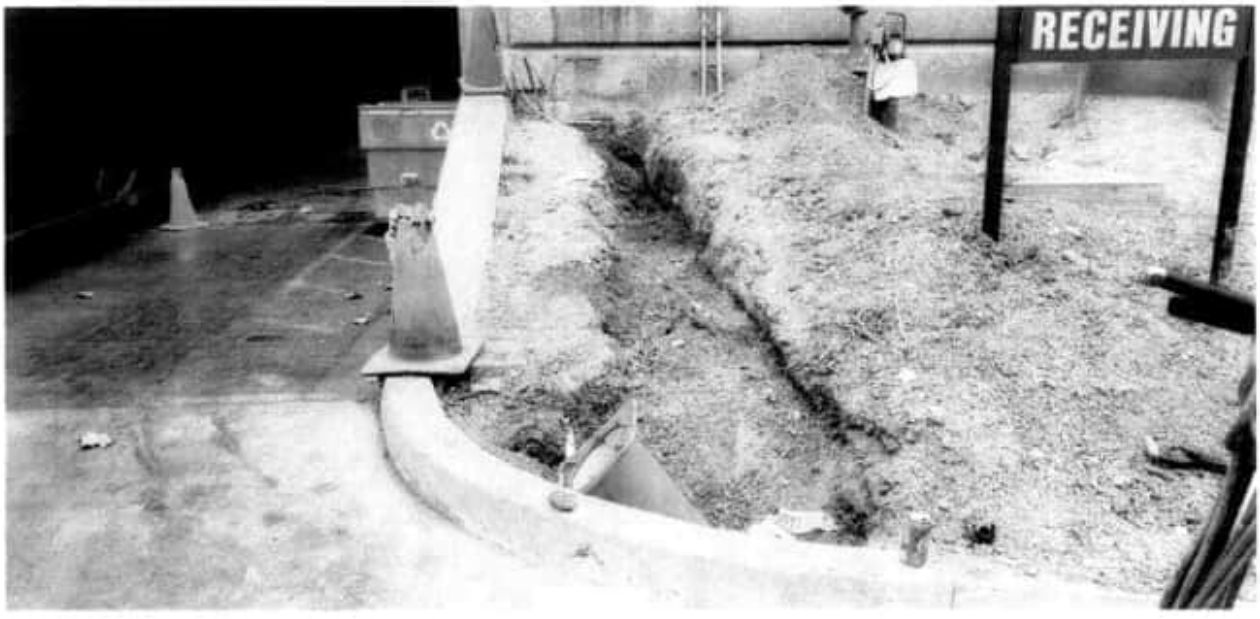


Photo 6: (looking S) Product line trench section in which sample nos. PS11 and PS12 were collected.



Photo 7: (looking E) Product line trench section in which sample nos. PS6, PS7, and PS8 were collected.



Photo 8: (looking E) Tank #1 and #2 pit after USTs have been removed. Note groundwater in bottom of the pit at 11.5 feet. Excavator bucket teeth are extending through this groundwater and touching an underlying concrete pad at approximately 13.5 feet bgs.



Photo 9: (looking W) Tank 1 and 2 pit after USTs have been removed.



Photo 10: (looking W) Tank 3 pit after UST had been removed. Concrete pad underlying pea gravel.

APPENDIX A

LACDPW UST REMOVAL PERMIT

FORM VALID JULY 1, 2018 TO JUNE 30, 2019

DPW USE ONLY:
SITE-FILE NO. 6994 - 65226
APP NO. 1905766 AREA 3M
CHECK [X] CASH [ ] OTHER [ ]
FEE $ 1667.00

CLOSURE AUTHORIZATION FOR HAZARDOUS SUBSTANCE UNDERGROUND STORAGE TANKS

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS (DPW)
Environmental Programs Division
900 South Fremont Avenue, 3rd Floor Annex Building
Alhambra, CA 91803-1331
Phone Number (626) 458-3517, Fax Number (626) 458-3569
Www.CleanLA.com

Removal Information must be submitted to CERS. Refer to attached forms.

CLOSURE REQUESTED:

- [X] PERMANENT, UST REMOVAL
- [ ] PERMANENT, UST CLOSURE IN-PLACE - Attach Justification Statement
- [ ] TEMPORARY CLOSURE
- [ ] OTHER (ONLY PIPING, UNDER DISPENSER CONTAINMENT, ETC), EXPLAIN: _____

ATTACH PLOT PLAN Show existing tanks, piping and dispenser locations, etc. (to scale).

FACILITY California Environmental Reporting System (CERS) ID: _____ DATE INFORMATION SUBMITTED TO CERS: _____

HOW MANY UNDERGROUND STORAGE TANKS WILL REMAIN AFTER THIS CLOSURE? 0 **EXISTING HSUSP NUMBER:** 842830

Who is closing the UST(s)? [ ] UST OWNER/OPERATOR OR [X] CONTRACTOR

Email address of UST owner/operator or recipient: ron@georgebrysonconst.com

FACILITY TO BE CLOSED (VERIFICATION FOR NOTIFICATIONS):

Facility Name: Equity office Phone: 909 944 3517
Facility Address: 1977 Saturn St City: Monterey Park Zip: 91755
Tank Owner/Contact: Maya Collins Title: Property Manager
Contractor Name: George Bryson Construction Phone: 909 944 3517
Contractor License No.: 718466 Class(s): A B C21 C22 HAZ

Contractors Shall Be Hazardous Substance Removal Certified "HAZ" per California Business & Professions Code Division 3, Chapter 9, Article 4, §7058.7 (e)

NUMBER OF UST's TO BE CLOSED	UST ID NO. (DPW USE ONLY)	CAPACITY GALLONS	SUBSTANCES STORED (PAST/PRESENT)	CLOSURE FEE
1				$1,143.00
2				$1,405.00
3				$1,667.00
4				$1,929.00
5				$2,191.00
5 (+ ATTACH LIST)				$881.00 + $262.00 per UST =

Closure of Underground Storage Tanks (USTs) shall be in compliance with Los Angeles County Code Title 11, Division 4

COMPLETE SURVEY:

	YES	NO
Has an unauthorized release ever occurred at this site?	[ ]	[X]
Has a structural repair ever been made to these underground storage tanks?	[ ]	[X]
Will new underground storage tanks be installed after closure?	[ ]	[X]
Will any wells, including monitoring wells, be abandoned?	[ ]	[X]

NOTICE: CONTAMINATED TANKS AND RESIDUES IN TANKS TO BE CLOSED, MAY BE HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE DIVISON 20, CHAPTER 6.5 AND MUST BE REPORTED IN THE CLOSURE REPORT. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below, you certify that all statements and disclosures above are true and correct.
You have read and agree to abide by this authorization and all conditions and limitations on the back and attached:

Authorization Recipient (Print Name) Ronald Franklin Phone 909 944 3517
Recipient's Signature _____ Date 10/25/18
Recipient is: **UST Owner** [ ] **UST Operator** [ ] or **Contractor** [X] Written authorization is required for submittals made on behalf of owner/operator.

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS

PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS.

THIS AUTHORIZATION EXPIRES: 04/25/2019 *****SEE ATTACHMENTS*****

MARK PESTRELLA
Director of Public Works

By: gkh Date: 10/25/2018

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the County of Los Angeles Department of Public Works, Environmental Programs Division, P.O. Box 1460, Alhambra, California 91802-1460, containing:

1. File number of facility and closure permit number.
2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.
3. Description of methods for obtaining, handling, and transporting samples.
4. Time and date samples were obtained.
5. Soil sampling certification (including but not limited to soils classification, boring logs, sample procedures, sample locations, initiating chain-of-custody, and groundwater location) for Underground Storage Tank closure shall be certified by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils. The certification must clearly state that all work was performed under the supervision of the person signing.
6. Chain-of-custody documentation initiated by person obtaining sample through person at a California Department of Health Services certified laboratory.
7. Disposal destination of tanks and evidence of legal disposal.
8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction, and methods of analysis.
9. Documentation as to depth of groundwater at facility.
10. Manifests to document hazardous waste disposal of any removed soil and tank rinsate.
11. Evidence of legal disposal of soils designated as nonhazardous.
12. Any observations of site contamination.
13. Report to be signed by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils.
14. Submit to the California Environmental Reporting System (CERS) the date the UST was permanently closed for all tanks removed or closed in-place.

Print Name Ronald Frazier

Signature _____ Date 10/25/16

CERS Business

Home | Submittals | Facilities | Compliance | My Business

UST Facility Operating Permit Application:

Home » Prepare Submittal » UST: UST Facility Operating Permit Application (Draft)

Instructions/Help

You must complete this form withing 30 days of all new permits, permit changes, or facility information changes. You will also need to update/confirm your tank, monitoring plan, and other pertinent UST-related forms.

All facilities **must** provide a BOE Number--valid numbers are 8 digits long starting with the numbers 44... State and federal facilities should use 44032062. If **ALL** underground tanks at your facility **ONLY** contain NON-petroleum productions, you can provide this generic BOE Number: 44000000. Contact your local regulator if you are unsure what number to provide.

The former paper version of this form was called "UST Operating Permit Application-Facility Information" (Form A).

More information about UST Financial Responsibility Mechanisms is available at the Water Board's Underground Storage Tank Cleanup Fund Financial Responsibility web page.

Click this field to reflect permanent UST closure.

Save | Cancel

Type of Action

○ Confirmed/Updated Information ○ New Permit ○ Renewal Permit ○ Temporary Facility Closure ◉ Permanent Facility Closure ○ Transfer Permit

Facility Information

EXAMPLE FACILITY

Facility Type *

○ Motor Vehicle Fueling ○ Fuel Distribution ○ Farm ○ Processor ○ Other

BOE Number *

Is the facility located on Indian Reservation/Trust lands? *

○ Yes ○ No

Property Owner

Owner Name * Phone *

Tank Operator

Tank Operator Name * Phone *

Mailing Address *

City State ZIP/Postal Code

Country *

United States For International Address

Tank Owner

Owner Name * Phone *

CERS Business

Home | Submittals | Facilities | Compliance | My Business

UST Tank Information/Monitoring Plan:

Home » Prepare Submittal » UST: UST Tank Information/Monitoring Plan (Draft)

Instructions/Help

Use this form to enter data for new UST systems or revise data for an existing UST system. You must complete a separate form for each affected tank. For tanks that are part of a compartmentalized unit, each compartment is considered a separate tank. This information is required within 30 days of permit or facility information changes, unless your local agency requires approval prior to making the changes.
The former paper version of this form was called "UST Operating Permit Application-Tank Information" (Form B).

Copy from Other UST Tank | Save | Cancel

Type of Action

Type of Action (UST Tank) *

( ) Confirmed/Updated Information ( ) New Permit ( ) Renewal Permit ( ) Temporary UST Closure ( ) UST Permanent Closure on Site (•) UST Removal

Facility Information

EXAMPLE FACILITY

Enter this date after the UST has been removed.

Click this field to reflect permanent removal of the UST.

Tank Description

Tank ID # *

Tank Manufacturer *

Tank Capacity In Gallons *

Date UST System Installed *

Date Existing UST Discovered *

Date UST Permanently Closed *

Tank Configuration *
( ) A Stand-alone Tank ( ) One in a Compartmented Unit

Number of Compartments in the Unit *

Additional Description *

Tank Use and Contents

Tank Use *
- Motor Vehicle Fueling
- Marina Fueling

Tank Contents * Read This First
- Regular Unleaded
- Premium Unleaded

Tank Construction

Type of Tank * Read This First
Single Wall Double Wall Unknown

CERS Help | Settings | My Business: *Test Facility* | Select Business

CLOSURE – UNDERGROUND STORAGE TANKS

CONDITIONS A – GENERAL

1. Closures shall be carried out such that all applicable regulations from the following agencies are complied with: Los Angeles County, Department of County Engineer – Facilities; Los Angeles County Fire Department, Fire Prevention Division or the appropriate City Fire Department; South Coast Air Quality Management District; and Los Angeles County Department of Health Services.

2. The County Engineer and Fire Departments shall be notified in advance of any closure in accordance with the following:

   a. Removal of tank shall require a three (3)-business day advance notification.
   b. Permanent closure of a tank in place or a temporary closure shall require a 30-written notification.

3. Consult current fee schedule for costs.

4. All abandoned wells shall be destroyed in such a way that they will not produce water or act as a channel for interchange of water, when such interchange may result in deterioration of the quality of water in any or all water bearing formations penetrated, or present a hazard to the safety and well-being of people and animals.

5. A well destruction permit issued by the Los Angeles Department of Health Services shall be required for all wells requiring a permit for their initial construction.

6. Well destruction shall be accomplished according to methods described in the latest "Water Well Standards: State of California" by the Department of Water Resources, contained in Bulletin 74 – 81, December 1981, or any other methods that will provide equivalent or better protection.

7. Plans for the decontamination of a facility shall be submitted to the County Engineer for approval no later than 30 days before the commencement of such operations. Other agencies having jurisdiction shall also be notified. These agencies the California Regional Water Quality Board, the Los Angeles County Department of Health Services, and the South Coast Air Quality Management District.

8. Decontamination shall require the following, as a minimum:

   a. Cleaning operation shall be done under the supervision of persons who understand the hazardous potential of the original liquid stored and its components.
   b. The personnel shall be sufficiently skilled to safely carry out such operation.
   c. Contaminated materials removed from such facility shall be disposed of at legal point of discharge.
   d. The operation shall be carried out in a manner that will not endanger the health of the public and the environment.

CONDITIONS B – TEMPORARY

1. All temporary closures shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, "Abandonment or Removal of Underground Tanks, "Part A and any other applicable Parts.

2. A temporary closure shall not exceed 180 days.

CONDITION C – PERMANENT TANK (S) REMOVAL

1. All tank removals shall be carried out as indicated in Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Part D and any other applicable Parts.

2. Owners/operators shall notify the Building Department having jurisdiction at the place of removal if a grading permit is necessary.

3. Removed tanks shall not be transported away from the site until an inspection to establish site integrity is carried by the County Engineer.

4. If an appointment has been arranged with a County Engineer Inspector to inspect the removal of a tank, the inspector will only wait at the site a reasonable amount of time (approximately one hour) after arriving for the removal to commence. Another closure fee may be charged if the inspector has to return to the site.

5. After inspection, tank shall be transpoited to a legal disposal point.

6. If the tank has stored materials other than motor fuel, fuel oil or waste oil, site integrity shall be demonstrated using the soil sampling and analysis procedures described in CONDITIONS D below.

7. The site shall be filled and re-compacted to a relative compaction of 90%.

CONDITIONS D – PERMANENT

1. All permanent closures of tanks in place shall comply with Los Angeles County Fire Department, Fire Prevention Division, Supplement #A – Inspection Guide #6, Parts B or C, and any other applicable Parts.

2. Owners/operators shall demonstrate part site integrity as follows:

   a. Test borings shall be slant drilled to intercept a point beneath the center of the tank, if possible. If slant drilling is not feasible, the test boring may be drilled vertically and the reason stated in the report in 2.b. below.
   b. For single tanks, a minimum of two test borings will be required, each located on opposite sides of the tank along the major axis of the tank.
   c. For multiple tanks, as a minimum, boring shall be placed at 20-foot intervals around the tank cluster. The actual number and location of borings shall be evaluated on a case-by-case basis. Tanks separated by 20 feet or more shall be considered single tanks for the purposes of test location and placement.
   d. Soil samples shall be taken at depths of 5, 10, 20, 30 and 40 feet below grade level.
   e. A Shelby Tube or a Modified California Sampler shall be utilized for taking all soil samples.
   f. Soil samples shall not be extruded in the field but are to be immediately placed in a refrigerated ice chest and transported to a state certified laboratory for analysis, using suitable methods.
   g. A report containing the results of the above analysis shall be submitted to the County Engineer.

3. If the soil analysis in 2. above indicates the presence of contaminants, the County Engineer shall require a site investigation as described in Chapter V of the County's "Underground Storage of Hazardous Materials – Guidelines."

4. A report shall be submitted to the County Engineer containing the results of the site investigation.

CLOSURE APPLICATION SUPPLEMENT **PART 1 OF 3**
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

DPW USE ONLY:
SITE-FILE NO. 6994-62151
APPLICATION NO. 905099

To satisfy the permanent closure requirements for underground storage tanks storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

***** Soil sampling will be required for Vent and Vapor Recovery piping for UST systems installed after July 1, 2003. *****

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1A, 1B	2-4 feet beneath	TPHD	→ 8015M
2A, 2B	tank invert	BTEX, MTBE	→ 8260B
3A, 3B		Fuel Oxygenates	→ 8260B
		# Organic Lead	→ DOHS Method
1 sample	2-4 feet below	same as	same as
	each UDC	above	above
1 sample	2-4 feet below	Same as	Same as
	piping, every 20 feet	above	above
	starting from UDCs		

° Apply EPA Method 5035 for soil sample collection, preparation and preservation.

~~# Test for organic lead if past UST contents were tested, or if it is unknown whether past UST contents were leaded.~~

Continued on Page 2

3. All soil samples obtained shall be discrete, undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date/time of sampling shall be included in the final report.

4. Conform to the analytical requirements table below for petroleum hydrocarbon sites. Apply EPA Method 5035 specified in the USEPA SW-846, version III (12/1996) for soil sample preparation and preservation in order to minimize volatile organic losses. Use the sample collection devices, or equivalent, specified in the method (e.g., the Encore™ sampler). If the Encore™ sampler is used, analyze sample within 48 hours from the collection. Analyze sample within 10 days for soil samples stored under frozen conditions.

UST CONTENTS	Analyte	Analytical Method	Required MDL	
			Soil (ug/kg)	Water (ug/L)
GASOLINE OR DIESEL	Totoal Petroleum Hydrocarbons(TPH) - Gasoline	EPA Method 8015 (M)	100-200	50-100
	Total Petroleum Hydrocarbons (TPH) - Diesel	EPA Method 8015 (M)	1000	500
	Benzene	EPA Method 8260B (8021B)	1	0.5
	Toluene	EPA Method 8260B (8021B)	1	0.5
	Ethylbenzene	EPA Method 8260B (8021B)	1	0.5
	Xylenes (Total)	EPA Method 8260B (8021B)	1	0.5
	Methyl Tertiary Butyl Ether (MTBE)	EPA Method 8260B	2	1
	Di-isopropyl ether (DIPE)	EPA Method 8260B	2	1
	Ethyl tertiary butyl ether (ETBE)	EPA Method 8260B	2	1
	Tertiary amyl methyl ether (TAME)	EPA Method 8260B	2	1
	Tertiary butyl alcohol (TBA)	EPA Method 8260B	20	10
	Ethanol	EPA Method 8260B	500	250
	Methanol	EPA Method 8015 (M)	1000	500
WASTE OIL	Total Recoverable Petroleum Hydrocarbons (TRPH) - Waste Oil	EPA Method 418 + EPA Method 8260B	1000	500
OTHER, UNKNOWN	UST Permitted Contents, all VOC's (EPA Method 8260) + To Be Determined			

Continued on Page 3

5. All soil/groundwater samples shall be analyzed by a laboratory approved by the California Environmental Accreditation Laboratory Program (ELAP).

6. Analytical results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) Detection limits for each analytical procedure and determination; d) The method of analysis; e) Signature of chemist certifying results.

7. All soil/groundwater samples obtained shall be handled and transported to laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.

8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.

9. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.

10. A final report that contains all of the above required information shall be submitted to the office above within one (1) month form the sampling date or 180 days from the date of this permit, whichever is earlier.

11. All electronic data shall be submitted to the State Water Resources Control Board Geotracker database.

Subject: Fwd: 1977 Saturn St
From: Ron Franklin <ron@georgebryantconst.com>
Date: 11/14/2018, 3:10 PM
To: Rob Hansen - Aem <rhansen@altaem.com>

Here is the reply for the lead samples. The tanks were always permitted as diesel fuel

Ron Franklin
George Bryant Construction Inc
(909) 944-3517 office
(909)215-4428 cell

Begin forwarded message:

From: "Kattya Batres" <GBATRES@dpw.lacounty.gov>
To: "Ron Franklin" <ron@georgebryantconst.com>
Subject: 1977 Saturn St

Ron,

Attached you can find the pdf copy of the approved tank removal permit. In the soil sample laboratory analysis specification sheet, you can see that we require the samples to be analyzed for Organic Lead, with a note clarifying to test for it if the tanks' contents used to be leaded or if it is unknown whether they were leaded or not.
If the owner is sure these tanks never contained leaded fuel, the Organic Lead analysis can be disregarded. If there is some doubt, then it has to be included.

Best regards,
Kattya Batres
Los Angeles County Public Works
Office: (626) 458-3526

ATT00001.htm

Attachments:

1977 Saturn UST closure permit.pdf	2.9 MB
ATT00001.htm	178 bytes

CLOSURE APPLICATION SUPPLEMENT **PART 1 OF 3**
HAZARDOUS MATERIALS UNDERGROUND STORAGE
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION
900 S. FREMONT AVENUE
ALHAMBRA, CA 91803

DPW USE ONLY
SITE-FILE NO 6994-62151
APPLICATION NO 905099

To satisfy the permanent closure requirements for underground storage tanks storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

***** Soil sampling will be required for Vent and Vapor Recovery piping for UST systems installed after July 1, 2003. *****

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
1A, 1B	2-4 feet beneath	TPHD	→ 8015M
2A, 2B	tank invert	BTEX, MTBE	
3A, 3B		Fuel Oxygenates	→ 8260B
		* Organic Lead	→ DOHS Method
1 sample	2-4 feet below	Same as	Same as
	each UDC	above	above
1 sample	2-4 feet below	Same as	Same as
	piping, every 20 feet	above	above
	starting from UDCs		

° Apply EPA Method 5035 for soil sample collection, preparation and preservation

* Test for organic lead if past UST contents were leaded, or if it is unknown whether past UST contents were leaded.

Continued on Page 2

APPENDIX B

SOIL & GROUNDWATER SAMPLING PROCEDURES

APPENDIX B

SOIL & GROUNDWATER SAMPLING PROCEDURES

Soil Samples

- Soil samples collected from the piping trenches were obtained using a hand auger. Soil samples collected from the tank pit were obtained with a backhoe.
- A relatively undisturbed portion of each sample was also retained in general accordance with EPA method no. 5035 protocol, using an EASYDRAW® syringe. An approximate five gram sample was collected with the syringe and ejected each into four pre-tared, 40 ml glass VOA vials (two vials containing pre-measured quantities of $NaHSO_4$, one vial containing MeOH, and one vial with no preservative).
- Additional sample (for non VOC anlayses) was also collected in a laboratory approved, 4-Oz. glass jar at each location.
- All collected samples was labeled with the sample number, date and project number.
- All samples were stored in an ice chest kept at approximately 40 to 50 degrees Fahrenheit prior to transportation to a State of California, Department of Health Services certified laboratory under strict chain-of-custody procedures.
- All re-usable soil sampling equipment was washed prior to each sampling events with a solution of LIQUINOX (a phosphate free detergent), rinsed with potable tap water, and then rinsed again with de-ionized water.

Groundwater Samples

- Groundwater samples were obtained with a disposable polyethylene sampling bailer lowered into the groundwater in the bottom of the UST pit.
- The groundwater samples were each retained in a 1-liter amber glass bottle containing H_2SO_4, and three 40-ml glass VOA vials with no preservative.
- All collected samples was labeled with the sample number, date and project number.
- All samples were stored in an ice chest kept at approximately 40 to 50 degrees Fahrenheit prior to transportation to a State of California, Department of Health Services certified laboratory under strict chain-of-custody procedures.

APPENDIX C

LABORATORY REPORT

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: November 15, 2018

Mr. Robert Hansen
Alta EM, Inc.
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

Project: **GBC - Monterey Park / 18738-01**
Lab I.D.: **181109-36 through -52**

Dear Mr. Hansen:

The **analytical results** for the soil and water samples, received by our laboratory on November 9, 2018, are attached. The samples were received chilled, intact, and accompanying chain of custody record.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manager

Andy Wang
Laboratory Manager

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**

MATRIX:SOIL
SAMPLING DATE:11/08/18
REPORT TO:MR. ROBERT HANSEN

DATE RECEIVED:11/09/18
DATE EXTRACTED:11/12/18
DATE ANALYZED:11/13/18
DATE REPORTED:11/15/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B; PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
PS1-4	181109-36	ND	1
Method Blank		ND	1
	PQL	**10**	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**

MATRIX:SOIL
SAMPLING DATE:11/08/18
REPORT TO:MR. ROBERT HANSEN

DATE RECEIVED:11/09/18
DATE EXTRACTED:11/13/18
DATE ANALYZED:11/13-14/18
DATE REPORTED:11/15/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B; PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
PS2-4	181109-37	ND	1
PS3-4	181109-38	ND	1
PS4-4	181109-39	ND	1
PS5-5	181109-40	ND	1
PS6-4	181109-41	ND	1
PS7-4	181109-42	ND	1
PS8-4	181109-43	ND	1
PS9-4	181109-44	ND	1
PS10-3.5	181109-45	ND	1
PS11-4	181109-46	ND	1
PS12-3.5	181109-47	ND	1
PS13-4	181109-48	15.2 *	1
T3-1-10	181109-49	10.5 *	1
T3-2-10	181109-50	ND	1
Method Blank		ND	1
	PQL	**10**	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
* = PEAKS IN DIESEL RANGE BUT CHROMATOGRAM DOES NOT MATCH THAT OF DIESEL STANDARD

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 11/13/2018 **Units:** mg/Kg (ppm)

Matrix: **Soil/Solid/Sludge/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **181113-LCS1/2**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10~C28 Range	0	200	153	**77%**	151	**76%**	**1%**	**75-125**	**0-20%**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10~C28 Range	200	178	**89%**	**75-125**

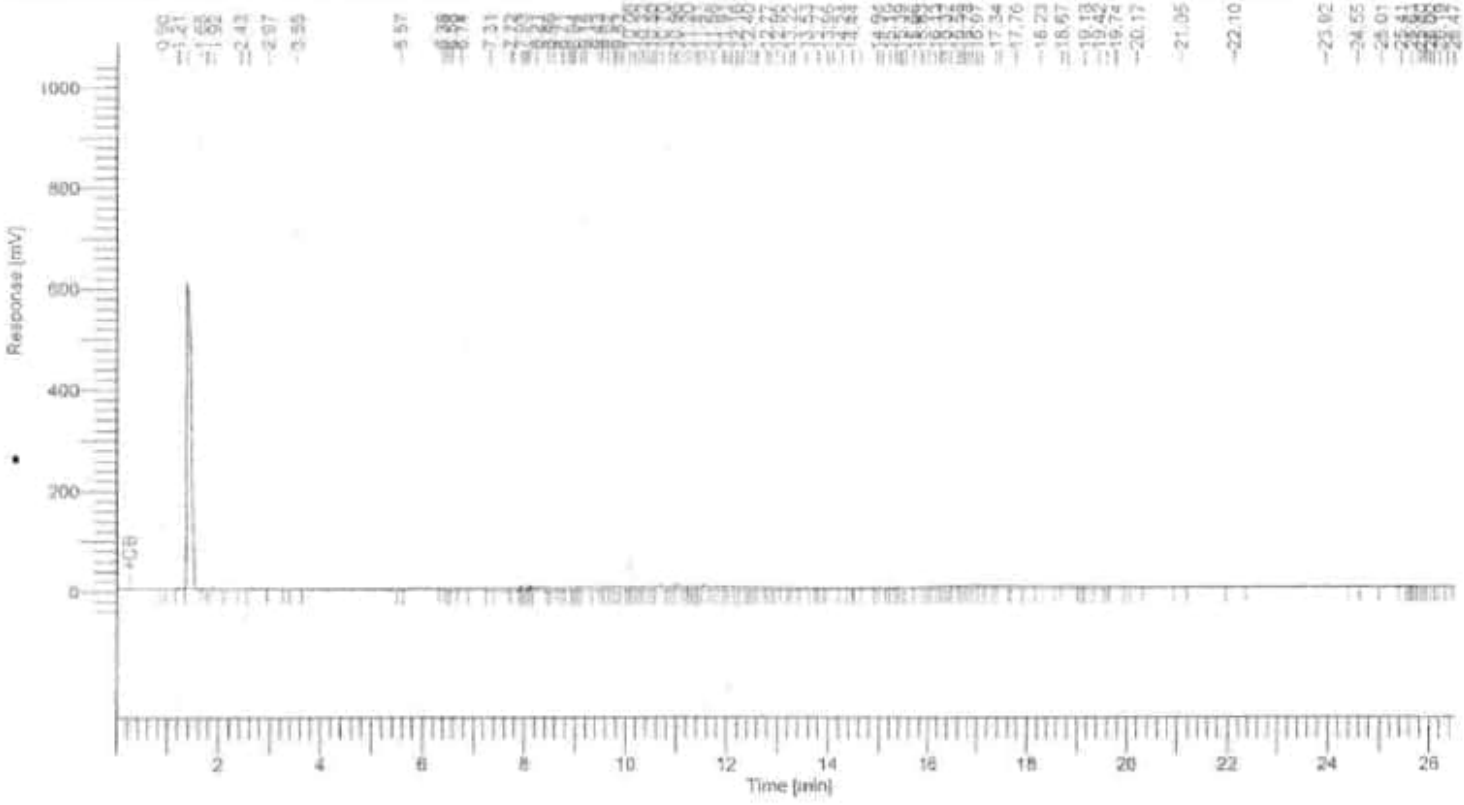
Analyzed and Reviewed By: _____

Final Reviewer: _____

Software Version : 6.3.2.0646
Sample Name : 181109-48 20/2.0
Instrument Name : GC H
Rack/Vial : 0/26
Sample Amount : 1.000000
Cycle : 1

Date : 11/14/2018 1:33:32 PM
Data Acquisition Time : 11/14/2018 5:22:21 AM
Channel : A
Operator : Administrator
Dilution Factor : 1.000000

Result File :
Sequence File : E:\GC DATA\GC-NH\2018\H1803\HB1113\H181113.seq



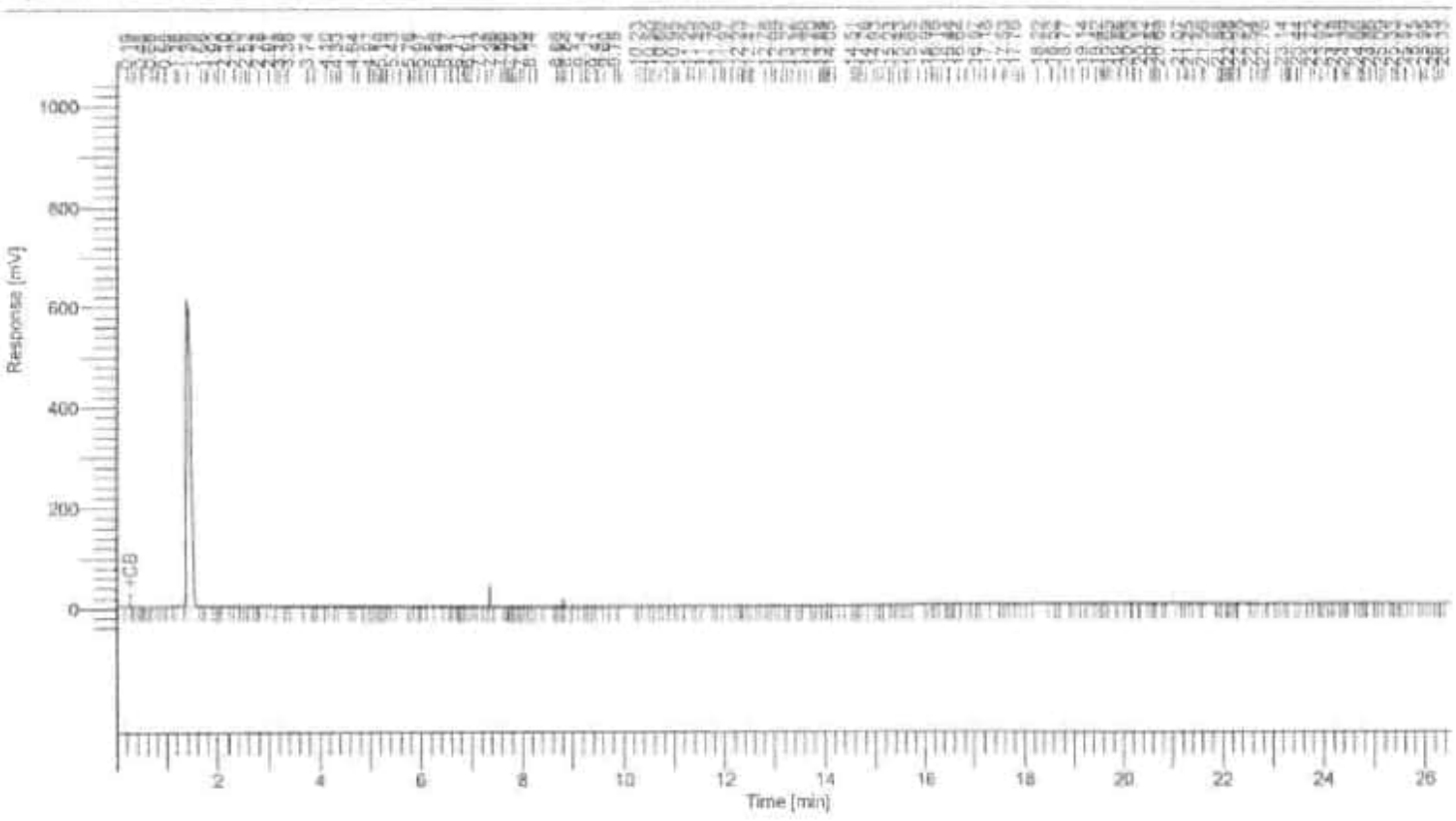
8015 Results

Component Name	Area [uV*sec]	Adjusted Amount
C4-C10	152343	26.2
C10-C23	2297450	151.9
C23-C35	1464079	103.9
	3913872	282.0

Software Version : 6.3.2.0648
Sample Name : 181109-49 20/2 D
Instrument Name : GC-H
Rack/Vial : 0/27
Sample Amount : 1.000000
Cycle : 1

Date : 11/14/2018 1:33:44 PM
Data Acquisition Time : 11/14/2018 5:59:05 AM
Channel : A
Operator : Administrator
Dilution Factor : 1.000000

Result File :
Sequence File : E:\GC DATA\GC-H\G018\H1803\HB1113\H181113.seq



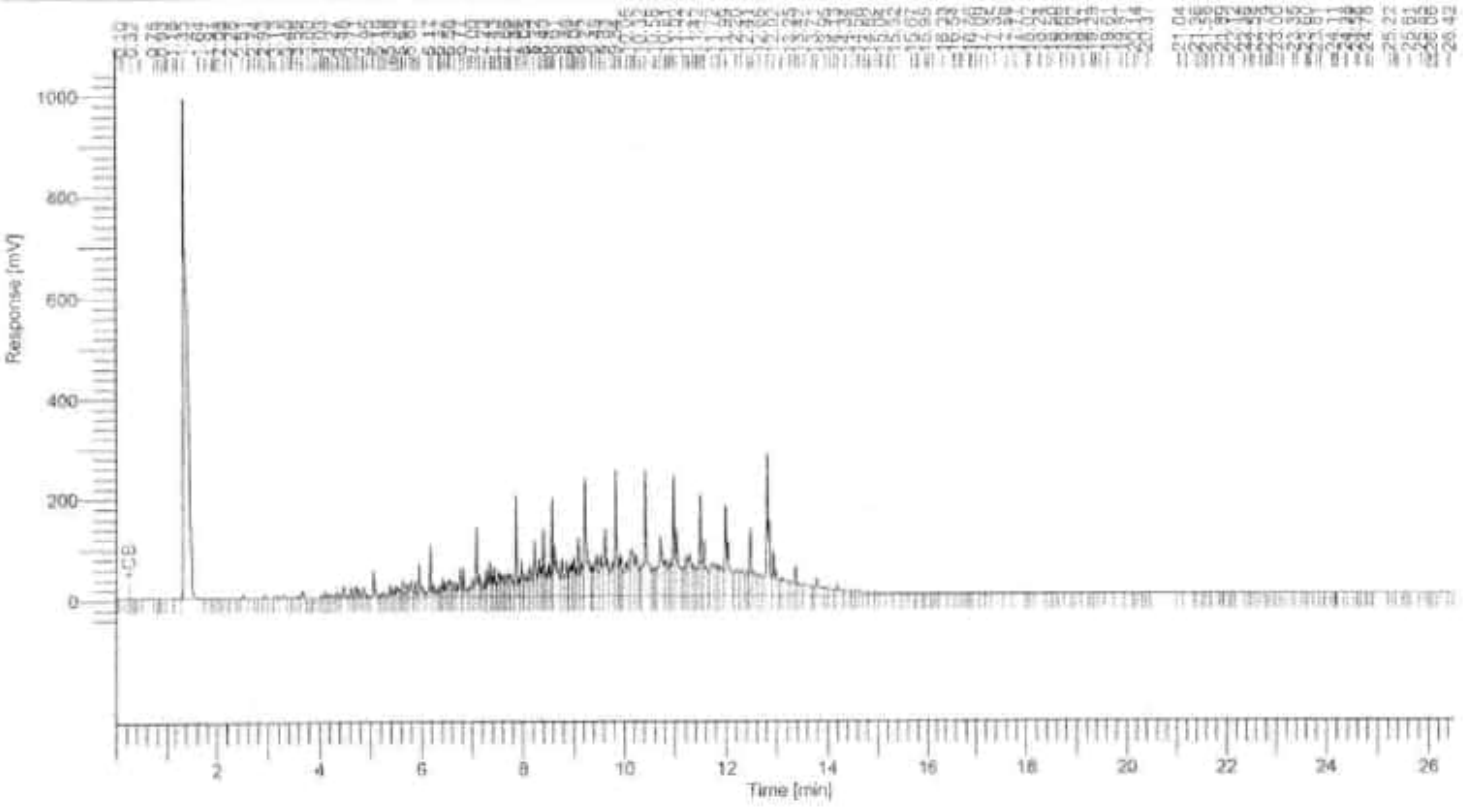
8015 Results

Component Name	Area [uV*sec]	Adjusted Amount
C4-C10	548773	94.4
C10-C23	1580119	104.5
C23-C35	1546784	109.7
	3675675	308.6

Software Version : 6.3.2.0546
Sample Name : DIESEL CCV 2000PPM (GC-3634)
Instrument Name : GC-H
Rack/Vial : 0/3
Sample Amount : 1.000000
Cycle : 1

Date : 11/14/2018 1:40:39 PM
Data Acquisition Time : 11/13/2018 3:59:12 PM
Channel : A
Operator : Administrator
Dilution Factor : 1.000000

Result File :
Sequence File : E:\GC DATA\GC-HH\2018\H1803\HB1113\H181113.seq



8015 Results

Component Name	Area [µV*sec]	Adjusted Amount
C4-C10	1619882	278.8
C10-C23	23699721	1566.8
C23-C35	1413294	100.3
	26732898	1945.8

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 11/13-14/2018 **Units:** mg/Kg (ppm)

Matrix: **Soil/Solid/Sludge/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **181109-37 MS/MSD**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10~C28 Range	0	200	175	**88%**	159	**80%**	**10%**	**75-125**	**0-20%**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10~C28 Range	200	195	**98%**	**75-125**

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**

MATRIX:WATER
SAMPLING DATE:11/08/18
REPORT TO:MR. ROBERT HANSEN

DATE RECEIVED:11/09/18
DATE EXTRACTED:11/09/18
DATE ANALYZED:11/11-12/18
DATE REPORTED:11/15/18

C10-C28 HYDROCARBONS
METHOD: EPA 8015B
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	C10-C28 RESULT	DF
TP GW1	181109-51	ND	1
TP GW2	181109-52	ND	1
Method Blank		ND	1
	PQL	500	

COMMENTS
C10-C28 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:_____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B QA/QC Report

Date Analyzed: 11/11-12/2018 **Units:** ug/L (PPB)

Matrix: **Water/Liquid**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 181111-LCS3/4

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C10-C28 RANGE	0	12000	14100	**118%**	13900	**116%**	**1%**	**75-125**	**0-20%**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C10-C28 RANGE	12000	10900	**91%**	**75-125**

Analyzed and Reviewed by: _____

Final Reviewer: _____

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LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**
MATRIX: SOIL
SAMPLING DATE: 11/08/18
REPORT TO: MR. ROBERT HANSEN
DATE RECEIVED: 11/09/18
DATE ANALYZED: 11/10/18
DATE REPORTED: 11/15/18

EPA 5035/8260B FOR BTEX
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	DF
PS1-4	181109-36	ND	ND	ND	ND	1
PS2-4	181109-37	ND	ND	ND	ND	1
PS3-4	181109-38	ND	ND	ND	ND	1
PS4-4	181109-39	ND	ND	ND	ND	1
PS5-5	181109-40	ND	ND	ND	ND	1
PS6-4	181109-41	ND	ND	ND	ND	1
PS7-4	181109-42	ND	ND	ND	ND	1
PS8-4	181109-43	ND	ND	ND	ND	1
PS9-4	181109-44	ND	ND	ND	ND	1
PS10-3.5	181109-45	ND	ND	ND	ND	1
PS11-4	181109-46	ND	ND	ND	ND	1
PS12-3.5	181109-47	ND	ND	ND	ND	1
PS13-4	181109-48	ND	ND	ND	ND	1
T3-1-10	181109-49	ND	ND	ND	ND	1
T3-2-10	181109-50	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	1
PQL		0.005	0.005	0.005	0.010	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**
MATRIX: SOIL — DATE RECEIVED: 11/09/18
SAMPLING DATE: 11/08/18 — DATE ANALYZED: 11/10/18
REPORT TO: MR. ROBERT HANSEN — DATE REPORTED: 11/15/18

EPA 5035/8260B FOR FUEL OXYGENATES
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
PS1-4	181109-36	ND	ND	ND	ND	ND	1
PS2-4	181109-37	ND	ND	ND	ND	ND	1
PS3-4	181109-38	ND	ND	ND	ND	ND	1
PS4-4	181109-39	ND	ND	ND	ND	ND	1
PS5-5	181109-40	ND	ND	ND	ND	ND	1
PS6-4	181109-41	ND	ND	ND	ND	ND	1
PS7-4	181109-42	ND	ND	ND	ND	ND	1
PS8-4	181109-43	ND	ND	ND	ND	ND	1
PS9-4	181109-44	ND	ND	ND	ND	ND	1
PS10-3.5	181109-45	ND	ND	ND	ND	ND	1
PS11-4	181109-46	ND	ND	ND	ND	ND	1
PS12-3.5	181109-47	ND	ND	ND	ND	ND	1
PS13-4	181109-48	ND	ND	ND	ND	ND	1
T3-1-10	181109-49	ND	ND	ND	ND	ND	1
T3-1-10	181109-50	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
PQL		0.01	0.01	0.005	0.01	0.05	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL tert-BUTYL ETHER DIPE = ISOPROPYL ETHER
MTBE = METHYL tert-BUTYL ETHER TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 11/10/2018 **Matrix:** Solid/Soil/Liquid
Machine: C **Unit:** mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)
Spiked Sample Lab I.D.: 181109-50 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.045	90%	0.045	90%	0%	75-125	0-20
Chlorobenzene	0	0.050	0.049	98%	0.050	100%	2%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.041	82%	0.043	86%	4%	75-125	0-20
Toluene	0	0.050	0.047	94%	0.047	94%	0%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.044	88%	0.045	90%	2%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.044	88%	75-125
Chlorobenzene	0.050	0.058	116%	75-125
Chloroform	0.050	0.039	78%	75-125
1,1-Dichlorothene	0.050	0.043	86%	75-125
Ethylbenzene	0.050	0.053	106%	75-125
o-Xylene	0.050	0.054	108%	75-125
m,p-Xylene	0.100	0.105	105%	75-125
Toluene	0.050	0.047	94%	75-125
1,1,1-Trichloroethane	0.050	0.040	80%	75-125
Trichloroethene (TCE)	0.050	0.051	102%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			**M-BLK**	**181109-36**	**181109-37**	**181109-38**	**181109-39**	**181109-40**	**181109-41**
Dibromofluoromethane	50.0	70-130	84%	90%	91%	93%	93%	99%	98%
Toluene-d8	50.0	70-130	94%	96%	95%	96%	96%	97%	98%
4-Bromofluorobenzene	50.0	70-130	104%	106%	100%	103%	99%	101%	98%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			**181109-42**	**181109-43**	**181109-44**	**181109-45**	**181109-46**	**181109-47**	**181109-48**
Dibromofluoromethane	50.0	70-130	100%	100%	101%	104%	101%	104%	103%
Toluene-d8	50.0	70-130	98%	98%	99%	97%	100%	98%	99%
4-Bromofluorobenzene	50.0	70-130	102%	100%	100%	98%	99%	102%	97%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			**181109-49**	**181109-50**					
Dibromofluoromethane	50.0	70-130	100%	102%					
Toluene-d8	50.0	70-130	99%	100%					
4-Bromofluorobenzene	50.0	70-130	98%	100%					

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*
S.R. = Sample Results *%RC = Percent Recovery*
spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*
MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By: _____

Final Reviewer: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**
MATRIX:WATER DATE RECEIVED:11/09/18
SAMPLING DATE:11/08/18 DATE ANALYZED:11/13/18
REPORT TO:MR. ROBERT HANSEN DATE REPORTED:11/15/18

EPA 5030B/8260B FOR BTEX
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	DF
TP GW1	181109-51	ND	ND	ND	ND	1
TP GW2	181109-52	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	1
	PQL	1.00	1.00	1.00	3.00	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: **Alta EM, Inc.**
8280 Utica Avenue, Suite 200
Rancho Cucamonga, CA 91730
Tel(909)476-2120 Fax(909)476-6819

PROJECT: **GBC - Monterey Park / 18738-01**
MATRIX:WATER DATE RECEIVED:11/09/18
SAMPLING DATE:11/08/18 DATE ANALYZED:11/13/18
REPORT TO:MR. ROBERT HANSEN DATE REPORTED:11/15/18

EPA 5030B/8260B FOR FUEL OXYGENATES
UNIT: uG/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
TP GW1	181109-51	ND	ND	ND	ND	ND	1
TP GW2	181109-52	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
	PQL	5.00	5.00	3.00	5.00	50.0	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL tert-BUTYL ETHER DIPE = ISOPROPYL ETHER
MTBE = METHYL tert-BUTYL ETHER TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 11/13/2018 Matrix: Water/Liquid
Machine: B Unit: ug/L (PPB)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)
Spiked Sample Lab I.D.: 181109-35 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	25.0	22.9	92%	23.8	95%	4%	75-125	0-20
Chlorobenzene	0	25.0	22.4	90%	23.7	95%	5%	75-125	0-20
1,1-Dichloroethene	0	25.0	22.2	89%	18.8	75%	14%	75-125	0-20
Toluene	0	25.0	22.4	90%	23.6	94%	5%	75-125	0-20
Trichloroethene (TCE)	0	25.0	22.7	91%	24.5	98%	7%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	25.0	21.6	86%	75-125
Chlorobenzene	25.0	21.5	86%	75-125
Chloroform	25.0	22.0	88%	75-125
1,1-Dichloroethene	25.0	21.4	86%	75-125
Ethylbenzene	25.0	20.9	84%	75-125
o-Xylene	25.0	21.8	87%	75-125
m,p-Xylene	50.0	44.2	88%	75-125
Toluene	25.0	21.6	86%	75-125
1,1,1-Trichloroethane	25.0	20.9	84%	75-125
Trichloroethene (TCE)	25.0	20.7	83%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			**M-BLK**	**181109-35**	**181109-25**	**181108-20**	**181108-21**	**181108-22**	**181108-23**
Dibromofluoromethane	25.0	70-130	96%	84%	84%	87%	87%	92%	86%
Toluene-d8	25.0	70-130	102%	100%	99%	100%	101%	101%	101%
4-Bromofluorobenzene	25.0	70-130	93%	89%	89%	94%	91%	90%	91%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			**181108-24**	**181108-25**	**181108-26**	**181109-62**	**181109-51**	**181109-52**	
Dibromofluoromethane	25.0	70-130	84%	79%	82%	82%	83%	86%	
Toluene-d8	25.0	70-130	110%	100%	100%	100%	99%	100%	
4-Bromofluorobenzene	25.0	70-130	87%	89%	90%	89%	90%	90%	

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.									
Dibromofluoromethane	25.0	70-130							
Toluene-d8	25.0	70-130							
4-Bromofluorobenzene	25.0	70-130							

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*
S.R. = Sample Results *%RC = Percent Recovery*
spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*
MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By: _____

Final Reviewer: _____

Gmail

Jessica Lin <envirocheminc@gmail.com>

GBC -Monterey Park

Rob Hansen - AEM <rhansen@altaem.com> Wed, Nov 14, 2018 at 4:22 PM
To: Jessica LIN <envirocheminc@gmail.com>
Cc: curt@enviro-chemlab.com

Jessica. Curt and I discussed putting the orgamic lead analyses on hold for these soil samples picked up last Friday. The Regulator has approved NOT doing this particular analysis, so please do not.

Enviro-Chem, Inc. Laboratories
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	TPH diesel (SOIL) / GTBX, FBZ, DIBROMOMETHANE (8260) / OXIGNATES + LEAD (OPHS only)	Misc./PO#	COMMENTS
PS1-4	181109-36	11/8/18	10:55	SOIL	1-5035 VIAL, 1-4oz GLASS JAR		BLUE ICE	X X X		
PS2-4	-37		11:09					X X X		
PS3-4	-38		11:15					X X X		
PS4-4	-39		11:23					X X X		
PS5-5	-40		11:32					X X X		
PS6-4	-41		11:43					X X X		
PS7-4	-42		12:08					X X X		
PS8-4	-43		11:55					X X X		
PS9-4	-44		13:56					X X X		
PS10-3.5	-45		12:43					X X X		
PS11-4	-46		12:15					X X X		
PS12-3.5	-47		12:33					X X X		
PS13-4	-48		13:40					X X X		
T3-1-10	-49		14:05					X X X		
T3-2-10	-50	✓	14:15	✓	✓		✓	X X X		

Analysis Required

Company Name: ALTA ENV INC	Project Contact: ROBERT HANSEN	Sampler's Signature:
Address: 8280 UTICA AVE, #200	Tel: (909) 476-2120	Project Name/ID: GBC-MONTEREY PARK / 18738-01
City/State/Zip: RANCHO CUCAMONGA, CA 91730	Fax/Email: (909) 476-6819	

Relinquished by:	Received by:	Date & Time: 11/9/18 0935	Instructions for Sample Storage After Analysis:
Relinquished by: ALTA	Received by:	Date & Time: 11/9/18 1520	O Dispose of O Return to Client O Store (30 Days)
Relinquished by:	Received by:	Date & Time:	O Other:

CHAIN OF CUSTODY RECORD

Date: 11/8/18

WHITE WITH SAMPLE - YELLOW TO CLIENT

Enviro-Chem, Inc. Laboratories
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
X 1 Week (Standard)
Other:

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	TPH as diesel (8015M)	BTEX, FIVE OXYGENATES (8260B)	ORGANIC LEAD (CAM17 METALS)								Misc./PO#	COMMENTS
								Analysis Required											
TPGW1	18110-51	11/8/18	13:10	WATER	3-1L Amber, 6-40ml VOAs		HCl	X	X										
TPGW2	-52	11/8/18	13:20	↓	"		"	X	X										

Company Name: ALTA EM INC	Project Contact: ROBERT HANSEN	Sampler's Signature:	
Address: 8280 UTICA RD, #200	Tel: (909) 476-2120	Project Name/ID: ESC-MONTEREY AREA 18738-01	
City/State/Zip: RANCHO CUCAMONGA CA 91730	Fax/Email: (909) 476-6819		

Relinquished by:	Received by:	Date & Time: 11/8/18 0935	Instructions for Sample Storage After Analysis:
Relinquished by:	Received by:	Date & Time: 11/8/18 1130	O Dispose of O Return to Client O Store (30 Days)
Relinquished by:	Received by:	Date & Time:	O Other:

CHAIN OF CUSTODY RECORD

Date: 11/8/18

WHITE WITH SAMPLE • YELLOW TO CLIENT

APPENDIX D

OTHER REMOVAL DOCUMENTATION
(RINSATE MANIFEST, TANK DESTRUCTION / RECYCLING CERTIFICATE)

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAC002986628	1	909 944-3517	019436560 JJK

GENERATOR

5. Generator's Name and Mailing Address

EQUITY OFFICE
1977 SATURN STREET
MONTEREY PARK, CA 91755

Generator's Phone: 323 430-7081 Attn.: ROBERT DEL HIERRO

Generator's Site Address (if different than mailing address)

EQUITY OFFICE
1977 SATURN STREET
MONTEREY PARK, CA 91755

6. Transporter 1 Company Name: ADAMS SERVICES, INC. — U.S. EPA ID Number: CAR000189431

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address

DEMENNO/KERDOON
2000 N. ALAMEDA STREET
COMPTON, CA 90222

U.S. EPA ID Number: CAT080013352

Facility's Phone: 310 537-7100

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA HAZARDOUS WASTE LIQUID (WATER WITH TRACE HYDROCARBONS)	1	TT		G	R41
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

AVOID EYE CONTACT & WEAR RUBBER GLOVES
ERG 128
CONTRACTOR: GEORGE BRYANT

1) WATER WITH HYDROCARBONS

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: ROBERT JORDAN | Signature | Month: 11 | Day: 08 | Year: 18

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

AZUSA LAND RECLAMATION

1211 W. Gladstone St, Azusa, CA 91702
Phone: 626-2249127 FAX: 626-8120801

Certificate of Material Destruction

THIS RECORD IS TO CERTIFY THAT MATERIAL RECEIVED ON NOVEMBER 08, 2018 AT 13:03 PM.
HAS BEEN DISPOSED OF ACCORDING TO LANDFILL BEST MANAGEMENT PRACTICES
AND ALL CIWMB AND LARWQCB REGULATIONS.

Generator:	Transporter	Disposal Site:
Equity Office	Adams Services, Inc.	Azusa Land Reclamation
1977 Saturn Street	1 – 10,000 gallon tank	1211 W. Gladstone St.
Monterey Park CA 91755		Azusa, CA 91702

Azusa Land Reclamation

AZUSA LAND RECLAMATION

1211 W. Gladstone St, Azusa, CA 91702
Phone: 626-2249127 FAX: 626-8120801

Certificate of Material Destruction

THIS RECORD IS TO CERTIFY THAT MATERIAL RECEIVED ON NOVEMBER 08, 2018 AT 13:49 PM.
HAS BEEN DISPOSED OF ACCORDING TO LANDFILL BEST MANAGEMENT PRACTICES
AND ALL CIWMB AND LARWQCB REGULATIONS.

Generator:	Transporter	Disposal Site:
Equity Office	Adams Services, Inc.	Azusa Land Reclamation
1977 Saturn Street	1 – 10,000 gallon tank	1211 W. Gladstone St.
Monterey Park CA 91755		Azusa, CA 91702

Azusa Land Reclamation

AMERICAN METAL RECYCLING

11150 REDWOOD AVE. • FONTANA, CA 92337
(909) 988-8000

Nº 65500

TANK DISPOSAL FORM

Date: 11/8/18
Job#
P.O.#

CONTRACTOR: Adams Services
ADDRESS: 406. E. Mondovi Blvd. Covedale, Ca 90248
JOB SITE: Equity Office
ADDRESS: 19777 Saturn St. Monterey Park, Ca 91755
DESTINATION: A.M.R. 11150 REDWOOD AVE., FONTANA, CA 92337

DATE	TIME	PROJECTED TANKS	ORDERED BY:	UC. NO.

SPECIAL INSTRUCTIONS: _____

TIME IN:
TIME OUT:

(1) 2000

✔	Services Rendered	Cost
___	Disposal Fee	
___	Extensive Loading Time	
___	Disposal Fee with Permit	
___	Fiberglass Tank Disposal Fee Per Tank	
___	Fiberglass Delivered	
___	Bobtail Disposal	
___	Cancellation Fee	

TOTAL CHARGES $

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice. Contractor's signature represents acceptance of terms for payment, and confirms that tank removal complies with State laws.

_____
CONTRACTOR'S SIGNATURE

TANKS RECEIVED

QTY	GALLONS	TYPE F*	TYPE S*	NET TONS	TOTAL
	280	☐	☐	.14	
	500	☐	☐	.21	
	550	☐	☐	.24	
	1000 - 12 ft.	☐	☐	.44	
	1000 - 6 ft.	☐	☐	.81	
	1500	☐	☐	.87	
	2000	☐	☒	.97	
	2500	☐	☐	1.14	
	3000	☐	☐	1.32	
	4000	☐	☐	1.64	
	5000	☐	☐	2.42	
	6000	☐	☐	2.84	
	7500	☐	☐	3.26	
	8000	☐	☐	3.44	
	9000	☐	☐	3.82	
	10000	☐	☐	4.33	
	12000	☐	☐	4.93	

NO. OF TANKS 1 TOTAL NET TONS

*F - FIBERGLASS *S - STEEL 105

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION

THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PUROSES ONLY.

Moises Rojo
AUTHORIZED REP.

11/8/18
DATE

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

MARK PESTRELLA, Director

900 South Fremont Avenue
Alhambra, California 91803-1331
Telephone: (626) 458-5100
http://dpw.lacounty.gov

IN REPLY PLEASE REFER TO FILE: EP-1
006994-065228

April 27, 2020

Mr. Yue Rong
California Regional Water
Quality Control Board
320 West 4th Street, Suite 200
Los Angeles, CA 90013-2343

Dear Mr. Rong:

HAZARDOUS SUBSTANCES UNDERGROUND STORAGE
CLOSURE/SITE ASSESSMENT REPORT
CLOSURE APPLICATION NO 905166
***977 SATURN STREET, MONTEREY PARK (3M)**

This office reviewed the soil sampling report dated December 7,2018, for the subject facility.

Pursuant to the California Health and Safety Code, Division 20, Chapter 6.7, Section 25297(b), and since the California Regional Water Quality Control Board is the lead agency for the subject facility mitigation, we are referring this matter to your agency for further action. We request that all future correspondence regarding this matter be sent to your office with a copy sent to this office.

If you have any questions, please contact me or your staff may contact Mr. John Awuja at (626) 458-3507 or JAWUJC@pw.lacounty.gov, Monday through Thursday, 7 a.m. to 5:30 p.m.

Very truly yours,

MARK PESTRELLA
Director of Public Works

T M SMITH
Senior Civil Engineer
Environmental Programs Division

TSS:ck
P:\epd\CHRON\2020\042120.docx

cc: AECOM (Robert Hansen)

APPENDIX I

ENVIRONMENTAL PROFESSIONAL QUALIFICATIONS

DERRICK S. WILLIS
PRINCIPAL III

Mr. Willis has over 30 years' experience serving both public sector and private clients in California and Canada on a wide variety of environmental projects. For the last several years, Mr. Willis' focus has been on formulating and facilitating closure and development strategies for large, complex, high profile, environmental projects for aerospace, industrial, and real estate development firms. Mr. Willis has extensive experience with due diligence/property transfer and development issues in a wide variety of industrial and regulatory settings. He is familiar with the industrial processes that generate environmental wastes, the fate and transport of chemicals in the environment, the potential adverse effects of these substances on human and ecological receptors, compliance challenges faced by business operators, the performance of remedial technologies, implementation of remedial approaches in an efficient and protective manner, and how these issues play into site acquisition, development, and divestiture.

REPRESENTATIVE EXPERIENCE

Site Investigation and Remediation

- ***Former Riverton Steel Facility, Southgate, California*** – Project manager on the investigation and remediation of a former steel production facility that is now currently adjacent to a residential development and a newly developed school. Developed remedial approach for lead impacted soil and concrete and air monitoring program (in accordance with SCAQMD Rule 1466) so that demo and concrete crushing operations were protective of adjacent receptors. CMS/RAP for remedial program, which dovetails remediation and development, is currently pending agency approval.
- ***Baker Cold Storage, Port of Long Beach Pier B Facility, California –*** Serves as project manager for investigation, remediation and redevelopment support of a 12-acre former wood treatment facility in the Port of Long Beach. The site is impacted with pentachlorophenol (PCP), metals, VOCs, and dioxins/furans. In addition, tidally influenced groundwater is impacted with PCP and petroleum hydrocarbons and methane charged from oilfield operations. Mr. Willis evaluated investigation data, managed a groundwater investigation program and developed a remedial approach for soil and groundwater. Mr. Willis successfully streamlined the regulatory process by aggregating the remedial work plans including RCRA closure of a drip pad, into one encompassing work plan (Soil and Groundwater Response Plan), which included an air monitoring program during earthmoving of the contaminants on Site, and one Remedial Design Document ([RDD] that incorporated the facility design components into building mitigation design), and securing agency approvals on components of site construction concurrent with development of the RDD. Site is currently being developed with a 250,000 square-foot cold storage facility.
- ***Black Mountain Industrial Complex Remedial Design and Implementation, Nevada*** – Served as project manager for expedited investigation and remediation program for the Tronox industrial facility within the BMI Complex. Previously the world's largest magnesium production facility during World War II, the site was later utilized for the manufacture of rocket fuel, other

products, and most recently alkali and manganese oxide-based chemicals. Historical Industrial operations resulted in subsurface impacts from heavy metals, perchlorate, pesticides, chlorinated solvents, asbestos, radionuclides, and other chemicals. Developed streamlined investigation and remedial approach, prepared remedial plans, including a comprehensive air and dust monitoring program, and rapidly mobilized and managed a team of staff and subcontractors to remove approximately 800,000 cubic yards of soil from the site to meet commercial soil cleanup goals for direct contact exposure in an expedited timeframe.

- ***Kimco Realty Corporation, multiple locations in California and Nevada, –*** Serves Principal-in-Charge and program manager for investigation and remediation of several dry-cleaner sites in California (Cupertino, Daly City, Lakewood, and LaVerne) and Reno, Nevada. Projects range from investigation of soil impact to remediation of soil and groundwater. Mr. Willis is responsible for developing remedial strategies, negotiating with regulatory agencies, and providing technical direction to staff in order to evaluate and remediate site impacts, and bring sites to regulatory closure.
- ***RREEF, Villa Marina Marketplace, Marina Del Rey, California —*** Mr. Willis managed the design and installation of a groundwater treatment system to treat groundwater impacted from metals and selenium to meet NPDES discharge requirements for a basement dewatering system for a shopping center. He currently manages the operation, maintenance and reporting associated with the ongoing dewatering system.
- ***Hawaii Wood Preserving Company Treatment Facility, Maui, Hawaii –*** Served as project manager, for decommissioning, investigation, remediation, and closure for a former wood treatment facility to allow for redevelopment. The site operated as from 1972 to 2001 to treat lumber with PCP, chromated copper arsenate (CCA), permithrin, and disodium octoborate. Chemicals were profiled, all equipment was decontaminated and decommissioned, and verification sampling was conducted as part of decommissioning. A remedial investigation and remedial alternatives analysis was developed and implemented to investigate and develop a path-forward to closure. The implemented remedial approach consisted of site capping and long-term groundwater monitoring.
- ***Lockheed Martin Former International Light Metals Facility, Torrance, California —*** Served as project manager and principal investigator for a 67-acre aerospace facility where client objective was expedited redevelopment. The project included facility demolition, preparation and implementation of a Resource Conservation and Recovery Act (RCRA) closure plan for 11 permitted RCRA units, negotiations with the Department of Toxic Substance Control (DTSC), preparation of a RCRA Facility Assessment (RFA) (210 features identified that required intrusive investigation), implementation of a RCRA Facility Investigation (RFI) for soil and groundwater, preparation of a health-based risk assessment, and implementation of soil remediation. Site closure for soil was granted only three years after project initiation, in contrast to the normal six to eight year process, and has been used as an example by head DTSC officials as an example of industry and the regulatory community working together to achieve expedited site closures for property redevelopment purposes. Mr. Willis also developed strategy for groundwater investigation and remediation and negotiated the corrective action consent agreement (CACA) with DTSC.
- ***Playa Capital Corporation, Playa Vista Development Project, Los Angeles, California —*** Mr. Willis served as program manager for the Playa Vista project, one of the largest and most visible brownfield development projects in the country. At 1,100 acres, it is the largest underway in Los Angeles County. His primary responsibility included environmental program management (including scoping, developing, scheduling, and tracking environmental activities for the

development project), risk management (including developing and negotiating with agencies for appropriate cleanup criteria), remedial strategy/management (including development and implementation of pilot tests and oversight of investigation and remediation activities), agency/RP/buyer negotiations, consultant and contractor selection/oversight, coordination with Playa's infrastructure group on the development/implementation of integrated remedial approach where appropriate, litigation support, data management, and transactional support with respect to the sale of remediated parcels.

- ***Project Manager, Confidential Client, Buena Park, California —*** Served as project manager for multi-media remediation project at a commercial development in Buena Park, California. The site was a former food processing facility that was redeveloped into commercial offices and warehouse space. Evaluated the environmental liability for a Real Estate Investment Trust (REIT) that subsequently purchased the property, and managed remediation program in conjunction with site redevelopment.
- ***Project Manager, Brownfield Redevelopment, Torrance, California —*** Served as project manager for site redevelopment project for a PacTrust. Evaluated environmental liabilities associated with a 12-acre parcel that was part of a butadiene plant (Del Amo Superfund Site) left undeveloped as a brownfield, and formulated a strategy to expedite regulatory closure and redevelopment. A comprehensive investigation was completed on the parcel, and the report submitted to the Environmental Protection Agency (EPA) for review. Successfully negotiated with EPA to conduct a non-Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) closure program. Conducted soil remediation program under EPA oversight in conjunction with site construction activities.
- ***Project Manager, Investigation and Remediation Program, Safety Kleen, Vancouver, British Columbia, Canada —*** Managed remediation of former solvent recycler transfer stations in British Columbia and Alberta, Canada. Sites involved characterization and remediation of soil and perched groundwater zones. Assessed feasibility of vapor extraction for cleanup of vadose zone contamination, and designed and installed a dewatering system for perched water in former tank cavities and surficial saturated zone for Vancouver transfer station. Achieved regulatory site closure two years faster than previous consultant's estimate.
- ***Cupples Manufacturing, Investigation and Remediation Program, La Mirada, California —*** Project manager for soil/groundwater characterization and remediation program at a truck maintenance facility in La Mirada, California. Conducted an underground storage tank and clarifier removal program in conjunction with site characterization activities. Implemented remediation of soil and groundwater impacted with petroleum hydrocarbons. Negotiated and received closure from Regional Water Quality Control Board (RWQCB).
- ***Alberta Environment, Abandoned Wood Treatment Sites, Various Locations, Alberta, Canada —*** Project manager for the Wood Preserving Sites Characterization Program for Alberta Environment. Performed site characterization of four former wood preservation sites in Alberta, Canada. The sites had been used for many years for treating wood poles and railroad ties with a pentachlorophenol/diesel mixture. Soil and/or groundwater were impacted at the sites. Soil borings and groundwater monitoring wells were installed, and laboratory analysis of soil and groundwater was performed, to help determine the lateral and vertical migration of dissolved-phase hydrocarbons in the groundwater and dense non-aqueous phase liquids (DNAPLs) through glacial tills and several non-confining layers. Detailed drilling and sampling plans were necessary to ensure correct evaluation of vertical DNAPL migration. Aquifer tests were performed and receptor

data were collected in order to formulate a quantitative assessment of both health-based and environmental risk.

- ***Texaco Refining and Marketing Inc., Investigation and Remediation Programs, Various Locations, Southern California —*** Responsible for remediation programs at several petroleum retail outlets for Texaco in the southern California area. Projects included soil and groundwater investigation programs, underground storage tank (UST) removals, remedial design (including design and implementation of vapor extraction and aquifer tests), implementation of remedial program, and operation and maintenance of remediation systems. This included designing, specifying, permitting, and installing of all equipment (including piping, downhole pumps, off-gas treatment, and water treatment).
- ***Groundwater Contamination Investigation and Analysis, Technisol, Raymond, Alberta, Canada —*** Conducted a groundwater investigation program at a solvent recycling facility located in southern Alberta, Canada. The program was implemented to determine the lateral and vertical extent of several species of chlorinated volatile organic compounds present in the confined aquifer beneath the facility. Aquifer testing was performed to estimate migration rates and to provide preliminary data for remedial action. Successfully negotiated with Alberta Environment (lead regulatory agency) for monitored natural attenuation approach.
- ***Pier A Railyard, Port of Los Angeles, Los Angeles, California —*** Managed a soil and groundwater investigation program at a Port of Los Angeles rail transfer yard. The objective of the project was to characterize previously identified polynuclear aromatic compounds, volatile organic compounds, and petroleum hydrocarbons in the soil and groundwater, and identify any regulated building materials in the site structures in order to facilitate an expedited redevelopment program. The project was finished ahead of schedule and under budget.
- ***Soil and Groundwater Remediation, Texaco, Various Locations, Southern California —*** Conducted vapor extraction tests, performed data analysis, and generated recommendations for an industrial manufacturing facility to determine the viability of using vapor extraction for remediating chlorinated solvents, primarily tetrachloroethene (PCE), present in the soil beneath the facility. Each test was designed to assess air flow rates and vacuums, vertical interference and crossflow, radii of influence, potential for water upwelling, and effectiveness of vapor extraction in both vadose and capillary zones. Extracted vapors were collected to determine volatile organic compound concentrations. Data were used to determine well spacing and slotting intervals, optimum flow rate/vacuum combinations, extraction blower sizing, and vapor treatment equipment.
- ***Texaco, Various Locations, Southern California—*** Responsible for preparation of South Coast Air Quality Management District (SCAQMD) permitting, installation, operation and maintenance of thermal and catalytic oxidizers/vapor extraction systems for the remediation of soil (containing petroleum hydrocarbons) beneath operating service stations.

Environmental Site Assessments

- ***RREEF, Multiple Sites, Southern California —*** Mr. Willis serves as client director for RREEF on multiple projects including acquisition studies (which include mold, asbestos and indoor air quality surveys), tenant audit programs, soil remediation, groundwater investigation and remediation, third party oversight, agency negotiation, and mold and asbestos abatement programs.

- ***Watson Land Company, Multiple Sites, Southern California —*** Mr. Willis has directed over 40 acquisition-related due diligence investigations for Watson Land Company (Watson). Scope of work has included Phase I ESAs, soil and groundwater investigations, risk evaluations, agency negotiation, and aiding Watson in evaluating and quantifying the potential risk associated with recognized environmental concerns.
- ***Various Clients, Various Locations, Southern California —*** Project manager for more than 200 Phase I environmental assessments (ESAs) for industrial facilities including aerospace, furniture and paper manufacturing factories; utility companies, vehicle and equipment maintenance facilities; and landfills as well former agricultural land. The objective of the ESAs was to evaluate and quantify potential liabilities associated with the acquisition and development of the properties.

Litigation Support

- ***Litigation Support, Confidential Client, City of Commerce, California –*** Conducted site review of historical records, developed and implemented soil, soil vapor, and groundwater investigation, and developed Site Conceptual Model (SCM) for former aerospace facility that was now developed as a multi-tenant warehouse. Successful in being able reconstruct historical SCM to show that environmental impacts were caused by historic aerospace operations from the 1940s to 1960s and not from the more recent tenant operations. Provided information and deposition for property management firm's counsel.
- ***Mediation Support, Confidential Client, Los Angeles, California –*** Project manager for mediation support of insurance claim for cost reimbursement for handling, transportation and disposal of petroleum contaminated soil encountered during development of a high rise on a former hospital site. Work consisted of using photogrammetry and historical records to develop a volume of contaminated soil and expert witness report using spatial data analysis, rebuttal of expert witness reports, and expert witness testimony as part of mediation where a judgement was made in favor of our client for the full reimbursement cost.

EDUCATION

B.S., Geology, University of Alberta, Alberta, 1988

PROFESSIONAL HISTORY

Northgate Environmental Management, Principal, 2006 to date
LFR Levine Fricke, Principal Geologist, 2002 – 2006
Integrated Environmental Services, Director of Operations/Senior Program Manager, 1999– 2002
ARCADIS Geraghty & Miller, Inc. Senior Geologist, 1993 – 1999
Environmental Design Corporation, Vice President, 1992
Environmental Science & Engineering, Inc., Staff Geologist, 1991
Terracon Geotechnique, Ltd., Geologist, 1989 – 1991
Contract Positions, Various Locations, Geologist, 1988

REGISTRATIONS

Certified Environmental Manager, Nevada, No. EM 2252

NICKY G. ROBINSON, PE, QSD, QSP
SENIOR I ENGINEER

Ms. Robinson is a Professional Engineer with a variety of experience serving both public sector and private clients. Her professional engineering and management experience has been focused in remediation design and construction site oversight, stormwater management, Phase I and II environmental site assessments, environmental field sampling and air monitoring, site inspections, and technical data review. Ms. Robinson's environmental field experience includes soil and groundwater sampling, soil vapor studies, stormwater sampling, indoor air quality studies, air monitoring activities, and site cleanups. She has considerable experience managing and performing environmental due diligence and property transfer projects. Ms. Robinson's project experience also includes management of Total Maximum Daily Loading (TMDL) studies in surface waters; collecting storm water samples to quantify "first-flush" impacts and composite samples for pollutant loading characterization; and obtaining NPDES permits and managing the water sample collection and analysis process to ensure permit compliance. Ms. Robinson is a licensed Civil Engineer in the state of California. She is a California licensed Qualified SWPPP Developer and Qualified SWPPP Practitioner and has received the OSHA 40 Hour HAZWOPER Training.

REPRESENTATIVE EXPERIENCE

Environmental Characterization and Remediation

- ***Southern California Edison (SCE) Power Pole Relocation into Closed and Capped Landfill, Carson, California –*** Ms. Robinson was the project manager for the environmental component of a power pole relocation project that required removing two power poles and installing two new power poles with associated anchors and wires into a closed and capped landfill under the regulatory oversight of the DTSC. Ms. Robinson was responsible for providing environmental and engineering direction to SCE to guide their overall design and construction sequencing, soil handling and monitoring procedures, and air monitoring program. On behalf of SCE, she obtained necessary permits including a Rule 1150 permit from the AQMD, developed soil handling and monitoring procedures, prepared work plans for a field investigation program to obtain environmental and geotechnical design data to direct the final power pole design and for the final power pole installation work, and developed an air monitoring activities related to operations at the landfill. Ms. Robinson provided direct field oversight of the field investigation program and the final power pole relocation work, which included air monitoring for SCAQMD Rules 1150, 402, and 403. She coordinated with various entities including the DTSC, the client, the landowner, the site occupant, the engineer of record for the landfill, and the AQMD for the various components of this project. Ms. Robinson was also responsible for preparing technical documents including work plans and completion reports and management to ensure the overall project success and quality.
- ***Former Riverton Steel Facility, Southgate, California –*** Ms. Robinson performed initial due diligence and reviewed field data for the investigation and remediation of a former steel production facility that is now currently adjacent to a residential development and a newly developed school. She assisted with scoping for remediation of leak impacted soil and concrete. Ms. Robinson

developed and oversaw the implementation of an air monitoring program during demolition and concrete crushing operations to ensure protection of adjacent receptors. The CMS/RAP for the remedial approach at the facility, which dovetails remediation and development, is currently pending agency approval. The remedial activities will include perimeter dust monitoring in addition to air monitoring in compliance with SCAQMD Rules 1166 and 1466 permits and SCAQMD Rules 401, 402, and 403. Ms. Robinson is responsible for the management and oversight of these air monitoring activities in addition to review and submittal of data and documentation to the agency.

- ***Baker Cold Storage Facility Brownfield Clean-up, Long Beach, California –*** Ms. Robinson is the engineer of record for the remedial design for a site that is impacted with pentachlorophenol (PCP), metals, VOCs, and dioxins/furans and under the regulation of the DTSC. She assisted with the development of the Soil and Groundwater Response Plan and the Remedial Design Document for the site that is developed with a 250,000 square-foot cold storage facility. During development, Ms. Robinson conducted oversight of the site activities, including soil import/export, excavation, construction, and the installation of a methane barrier, and she has performed work zone and perimeter air monitoring. She also prepared daily activity reports including the analysis of air monitoring and Rule 1166 monitoring data to submit to the DTSC. Ms. Robinson coordinated field activities including the decontamination and sampling of former drip pads, air monitoring activities, and wastewater sampling. She managed the data obtained from daily field activities and trained the field staff. Ms. Robinson prepared the Remedial Action Completion Report and the Operation and Maintenance Plan for the remedial activities.
- ***Black Mountain Industrial Complex, Henderson, Nevada –*** Ms. Robinson was a field engineer on site for the remediation of Tronox's industrial facility in Henderson, Nevada in which approximately 800,000 cubic yards of impacted soil were removed. Previously the world's largest magnesium production facility during World War II, the site was later utilized for the manufacture of rocket fuel, other products, and most recently alkali and manganese oxide-based chemicals. Historical industrial operations resulted in subsurface impacts from heavy metals, perchlorate, pesticides, chlorinated solvents, asbestos, radionuclides, and other chemicals. Her responsibilities included providing technical oversight of excavation, construction, and groundwater pumping well installation activities; collecting groundwater samples; obtaining soil and air samples; monitoring dust levels; overseeing the perimeter and work zone air monitoring programs; and conducting weekly site inspections for SWPPP compliance. Ms. Robinson coordinated with design engineers to oversee the installation of their remediation and monitoring systems and provide field support and input for design revisions.

Environmental Assessments, Investigations, and Characterization

- ***CenterCal Development, Long Beach, California –*** Ms. Robinson is the engineer of record for the remedial design of a property in Long Beach that was formerly partially occupied by a gasoline service station with documented leaking underground storage tanks (USTs) impacting the subsurface. Historic site operations also included oil wells and crude oil pipelines. Ms. Robinson assisted with the design of an excavation program to remove impacted materials to accommodate the development of a mixed-use commercial and residential facility. Her work included analyzed historic investigation results and analytical data to determine the remediation program and provide support for the engineering decisions to reach a settlement agreement with the responsible party for the contamination present at the Site. Ms. Robinson also assisted with the preparation of various

documents and reports for the site including a Remedial Action Plan, remedial costing analysis, and responses to questions from regulators and the responsible party.

- ***Kimco Lakewood Plaza, Bellflower, California –*** Ms. Robinson conducted soil and indoor air sampling to help determine a remedial design for soil impacts with VOCs from a former dry cleaning operation. She oversaw excavation activities and collected confirmation samples. Ms. Robinson managed the data and documents associated with the project and assisted with the preparation of final reports.

- ***Historic Oil Fields, Brea, California –*** Ms. Robinson conducted a Phase I ESA of historic oil fields spanning over 3,000 acres in Brea with operations still active across portions of the site. She coordinated a limited Phase II investigation across the site and utilized the results to prepare remedial cost documents, estimate of impacted material, and recommendations for areas of potential concern for redevelopment. She prepared all documentation, figures, and spreadsheets for meetings with developers interested in redeveloping the site.

- ***Park and Market Redevelopment, San Diego, California –*** Ms. Robinson managed and performed field activities, investigations, and oversight of the redevelopment of a property located in downtown San Diego that was formerly occupied by automobile repair facilities and several burn wells and pits associated with historic residential development. During excavation activities, impacted soils were encountered when former burn wells impacted with elevated concentrations of lead up to 60,000 parts per million. Ms. Robinson prepared environmental project documentation including a health and safety plan, a soil management plan, and completion report, collected samples and provided oversight of the handling and removal of lead impacted soil, and performed air monitoring during excavation and handling of lead impacted soil.

- ***Monsanto Former Detergent Manufacturing Facility, Carson, California –*** Ms. Robinson measured groundwater levels and collected groundwater samples to monitor for hydrocarbons, predominantly benzene, which migrated through the soil to the groundwater beneath the site and migrated downgradient. Some samples were collected on the adjacent oil refinery property and Ms. Robinson received the appropriate training to access the refinery.

- ***Oxygen Biosparge Pilot Scale Investigation, Carson, California –*** Ms. Robinson collected groundwater samples using low flow sampling techniques as part of an oxygen biosparge in situ treatment system. Work was performed using supplied air in Level B personal protective equipment. She also routinely works in conjunction with a mobile laboratory to simultaneously collect and analyze soil vapor samples to monitor benzene concentrations as part of the pilot scale investigation.

- ***Los Angeles World Airports, Los Angeles International Airport, Los Angeles, California –*** Ms. Robinson reviewed historical reports, documents, and data for multiple portions of the Los Angeles International Airport and prepared summary documents. She also managed the review of similar work by other consultants for the facility. Ms. Robinson utilized the results of these investigation efforts to develop a facility wide groundwater monitoring program.

- ***Former Paint Facility, City of Commerce, California –*** Ms. Robinson was responsible for coordinating the field activities associated with collecting soil vapor and LNAPL samples for a former paint facility. A soil vapor extraction system was operated on the site and sampling was performed to develop a conceptual site model to assess the effectiveness of continued remediation

at the Site. Ms. Robinson was responsible for coordinating the sample collection and analysis with the laboratory and worked to draft the analytical report.

- ***Port of Oakland Embarcadero Cove, Oakland, California –*** Ms. Robinson was a staff engineer on site to oversee the abandonment of existing groundwater monitoring wells and the installation and development of new groundwater monitoring wells. Her responsibilities also included annual groundwater sampling at the site that is known to have been impacted by VOCs, SVOCs, organochlorine pesticides, PCBs, dioxins, and furans from facilities that previously occupied the site that were known to have handled and stored solvents, refined petroleum products, wood, preservatives, pesticides, and herbicides. She also assisted the preparation of the annual report and five-year review for the site.
- ***Former Apartment Complex Close-Out, Carson, California –*** Ms. Robinson was responsible for the oversight of environmental field activities related to the demolition of an existing apartment complex for redevelopment. Field activities included asbestos and lead-based paint surveys and removal, hazardous waste packaging and disposal, geophysical surveys, and air monitoring. Ms. Robinson also prepared close out reports and documents for the site.
- ***Former Dry-Cleaning Facility, Santa Rosa, California –*** Ms. Robinson performed low flow groundwater sampling for quarterly reporting for a site containing both a dry cleaner and a residential apartment building to monitor impacts to the groundwater. The site is known to have existing soil and groundwater impacts from historic use and storage of petroleum products and other hazardous substances on surrounding sites.
- ***Wetland Restoration Project, San Francisco, California –*** Ms. Robinson reviewed contractor submittals, including dust control, decontamination, soil stabilization, and execution plans for compliance with the project specifications and regulatory requirements and prepared responses to requests for information for the restoration of 26.5 acres of tidal wetland habitat. The site is known to have soil containing naturally occurring asbestos, copper, lead, nickel, zinc, TPH, PAHs, pesticides, and PCBs and some metals impacting groundwater.
- ***Environmental Site Assessments, Various Locations, California, Nevada, and Texas –*** Ms. Robinson has managed and conducted dozens of Phase I and Phase II environmental site assessments for commercial, industrial, and residential properties. Her responsibilities included complete site history reviews, identifying recognized environmental conditions and areas of potential concern, as well as field sampling and analysis to investigate potential impacts to soil and groundwater quality. Ms. Robinson assisted with the design of investigation programs, coordinated with field staff and subcontractors, and analyzed results to determine remedial actions. She also managed budgets, schedules, and client communication. Work was performed in general conformance with the ASTM environmental assessment standard and the U.S. EPA *All Appropriate Inquiry* guidelines. She has also conducted and completed preliminary endangerment assessments and obtained necessary permits for construction (NPDES, Rule 1166, etc.) on behalf of the developer to support the redevelopment activities.

Stormwater Monitoring and Compliance

- ***Machado Lake Nutrient TMDL Sampling, Torrance, California –*** Ms. Robinson manages the stormwater monitoring, sampling, and reporting for the City of Torrance in accordance with the provisions of the Machado Lake TMDL Special Studies Work Plan and the Machado Lake

Eutrophic, Algae, Ammonia, and Odors (Nutrient) TMDL (established by the Los Angeles Regional Water Quality Control Board) to monitor nutrients, including nitrogen and phosphorous discharged from the City of Torrance to Machado Lake. She coordinates routine sampling activities and has been a field lead for activities that include rapid mobilization during wet weather and dry weather events on a monthly basis since 2012 and data collection from data loggers to calculate flow rate and discharge volume and to monitor storm events. Ms. Robinson is also responsible for maintaining a network of flow sensors in subsurface conveyances and storm drains to quantify hydrology of the storm drain system and determine mass-based discharge compliance. She maintains discharge flow and volume calculations for annual reporting and prepares the annual report document. Ms. Robinson is also responsible for communicating with the City of Torrance, maintaining the scheduling, and ensuring the project stays within budget.

- ***Walteria Lake Monitoring Program for Nutrients and Toxics, Torrance, California –*** Ms. Robinson manages a monitoring program for discharge from Walteria Lake in accordance with the Walteria Lake Monitoring Program Nutrients and Toxics Study Work Plan developed by the Los Angeles County Flood Control District. She coordinates with the City of Torrance to conduct field sampling activities during pumping events that discharge from Walteria Lake. Ms. Robinson also maintains and analyzes the analytical and flow data from the stormwater and dry weather flow in relation to the applicable nutrients and toxics TMDL waste load allocations to determine if the lake contributes or removes pollutant loading from the flow. She also maintains communication with the City of Torrance and manages the budget and reporting for the project.
- ***Stormwater Basins Enhancement Project Monitoring and Reporting, Torrance, California –*** Ms. Robinson manages a project for the City of Torrance that includes stormwater sampling and flow measurements at various locations within three stormwater basins. The work is conducted in accordance with a plan approved by the Los Angeles Regional Water Quality Control Board. Ms. Robinson manages communication with the client, field sampling events, the schedule, and the project budget.
- ***Nutrient TMDL Sampling, Peter Weber Equestrian Center, Rolling Hills Estates, California –*** Ms. Robinson manages a project involving the collection of stormwater samples and flow measurements to monitor nutrients, including nitrogen and phosphorous at an active equestrian facility in Rolling Hills Estates following facility upgrades designed to reduce surface water impacts.
- ***Machado Lake Nutrient TMDL Sampling, Rolling Hills Estates, California –*** Ms. Robinson was the field lead for the collection of stormwater samples and flow measurements in accordance with the Palos Verdes Peninsula Coordinated Monitoring Plan and the Machado Lake Eutrophic, Algae, Ammonia, and Odors (Nutrient) TMDL (established by the Los Angeles RWQCB) to monitor nutrients, including nitrogen and phosphorous discharged from Rolling Hills Estates to Machado Lake. Sampling activities included rapid mobilization during wet weather and dry weather events on a monthly basis between 2012 and 2016 to collect samples from surface waters and confined conveyance systems. She calculated monthly averages of total nitrogen and total phosphorous and compared the results to waste load allocations to determine attainment status.
- ***Anthropogenic Source Nutrient Assessment, Rolling Hills Estates, California –*** Ms. Robinson was a field lead for wet weather event stormwater sampling conducted for identification of nutrient sources to study nutrient load reduction at the Model Equestrian Center Project, Rolling Hills Estates, California.

Regulatory Compliance

- ***National Pollutant Discharge Elimination System Monitoring, Marina del Rey, California –*** Ms. Robinson coordinates field activities associated with water quality sampling and analysis, flow data collection and analysis, and system operation and maintenance for a groundwater treatment system for VOCs, selenium, and metals prior to discharge to the storm drain. Her responsibilities also include preparing quarterly and annual monitoring reports for the Regional Water Quality Control Board per requirements in the monitoring and reporting program of the NPDES permit for the project. She currently manages the testing, maintenance, and reporting associated with the ongoing dewatering system.
- ***Environmental Audits, Various Locations, California –*** Ms. Robinson has performed and managed multiple environmental audits at several commercial and industrial facilities in California. Her responsibilities included conducting interviews with current tenants, inspecting site facilities to determine environmental compliance or potential issues, and completing a final audit report of findings. She also managed budgets, schedules, and client communication.

EDUCATION

B.S., Civil and Environmental Engineering, University of California, Los Angeles, 2009

PROFESSIONAL HISTORY

Northgate Environmental Management, Inc., Senior Engineer, January 2020 to date
Northgate Environmental Management, Inc., Project Engineer, January 2015 to December 2019
Northgate Environmental Management, Inc., Staff Engineer, August 2010 to December 2014
Incledon Consulting Group, Civil Engineer, July 2009 to July 2010
Incledon Kirk Engineers, Engineering Intern, June to September 2007 and June to September 2008

REGISTRATIONS / CERTIFICATIONS

Professional Engineer, California, No. 83985
Qualified SWPPP Developer (QSD) and Practitioner (QSP), No. 27442
OSHA 40-hour HAZWOPER

PRESENTATIONS

Brown, D., Dettle, J., and Robinson (Galloway), N., 2016. *Update on City of Torrance Stormwater Quality Project*, presentation, poster, and proceedings for the California Stormwater Quality Association's 12th Annual Conference on Stormwater Evolution: Source to Resource, San Diego, California. September 12-14, 2016.

Robinson, N., and Willis, D. 2018. *Minimizing Environmental Exposure by Incorporating Redevelopment Design in Remediation of Former Wood Treatment Facility*, poster and proceedings for the Association for Environmental, Health and Sciences Foundation's Annual West Coast Conference. March 19-22, 2018.

APPENDIX C: REGULATORY DATABASE REPORT

DATABASE REPORT

Project Property:	*1977 Saturn* *1977 Saturn Street* *MONTEREY PARK CA 91755*
Project No:	*22-395605.1*
Report Type:	*Database Report*
Order No:	*23031600529*
Requested by:	*Partner Engineering and Science, Inc.*
Date Completed:	*March 17, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
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Executive Summary

Property Information:

Project Property:		*1977 Saturn* *1977 Saturn Street MONTEREY PARK CA 91755*
Project No:		*22-395605.1*
Coordinates:		
	Latitude:	*34.0403934*
	Longitude:	*-118.1140805*
	UTM Northing:	*3,767,202.30*
	UTM Easting:	*397,155.99*
	UTM Zone:	*11S*
Elevation:		*382 FT*

Order Information:

Order No:	*23031600529*
Date Requested:	*March 16, 2023*
Requested by:	*Partner Engineering and Science, Inc.*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials (with Project Boundaries)*
City Directory Search	*Smart CD Search*
ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Fire Insurance Maps	*US Fire Insurance Maps*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*
Topographic Map	*Topographic Maps*
Vapor Screening Tool	*Vapor Screening Tool*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	**1**	0	**1**
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	**1**	0	-	**1**
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	**1**	0	-	**1**
CERCLIS	Y	0.5	0	0	**1**	0	-	**1**
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	**1**	**1**
RCRA TSD	Y	0.5	0	**1**	0	**2**	-	**3**
RCRA LQG	Y	0.25	0	**1**	**2**	-	-	**3**
RCRA SQG	Y	0.25	**1**	**1**	**3**	-	-	**5**
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	**1**	**18**	**26**	-	-	**45**
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	**1**	0	-	**1**
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
FRP	Y	0.25	0	0	0	-	-	0
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	**1**	**1**
State								
RESPONSE	Y	1	0	0	0	0	0	0
ENVIROSTOR	Y	1	0	**2**	0	**3**	**1**	**6**
DELISTED ENVS	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	**1**	0	-	**1**
SWRCB SWF	Y	0.5	0	0	**1**	0	-	**1**
WMUD	Y	0.5	0	0	**1**	0	-	**1**
HWP	Y	1	0	0	0	**1**	0	**1**
SWAT	Y	0.5	0	0	0	**1**	-	**1**
C&D DEBRIS RECY	Y	0.5	0	0	0	0	-	0
RECYCLING	Y	0.5	0	0	0	0	-	0
PROCESSORS	Y	0.5	0	0	0	0	-	0
CONTAINER RECY	Y	0.5	0	0	0	0	-	0
LDS	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	**1**	0	**1**	**5**	-	**7**
DELISTED LST	Y	0.5	0	0	0	**1**	-	**1**
UST	Y	0.25	**1**	**1**	0	-	-	**2**
UST CLOSURE	Y	0.5	0	0	0	**1**	-	**1**
HHSS	Y	0.25	0	0	**2**	-	-	**2**
UST SWEEPS	Y	0.25	**1**	**2**	**1**	-	-	**4**
AST	Y	0.25	0	0	0	-	-	0
AST SWRCB	Y	0.25	0	0	0	-	-	0
TANK OIL GAS	Y	0.25	0	0	0	-	-	0
DELISTED TNK	Y	0.25	**1**	**1**	**1**	-	-	**3**
CERS TANK	Y	0.25	0	**1**	**1**	-	-	**2**
DELISTED CTNK	Y	0.25	**1**	**1**	0	-	-	**2**
HIST TANK	Y	0.25	0	0	**2**	-	-	**2**

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
LUR	Y	0.5	0	0	0	**1**	-	**1**
CALSITES	Y	0.5	0	0	**1**	0	-	**1**
HLUR	Y	0.5	0	0	0	0	-	0
DEED	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
CLEANUP SITES	Y	0.5	0	0	0	0	-	0
DELISTED CLEANUP	Y	0.5	0	0	0	0	-	0
DELISTED COUNTY	Y	0.25	0	0	**1**	-	-	**1**
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0
County								
SML LA	Y	0.5	0	**1**	**1**	**1**	-	**3**
SWF LA COUNTY	Y	0.5	0	0	**1**	0	-	**1**
CUPA LA COUNTY	Y	0.25	**1**	**6**	**8**	-	-	**15**
HMS LA	Y	0.25	**1**	**4**	**7**	-	-	**12**
UST SANTAFESP	Y	0.25	0	0	0	-	-	0
UST LONGB	Y	0.25	0	0	0	-	-	0
CUPA BURBANK	Y	0.25	0	0	0	-	-	0
UST ELSEGUNDO	Y	0.25	0	0	0	-	-	0
UST SANTA MONICA	Y	0.25	0	0	0	-	-	0
AST SANTAMON	Y	0.25	0	0	0	-	-	0
CUPA SANTAMON	Y	0.25	0	0	0	-	-	0
UST TORRANCE	Y	0.25	0	0	0	-	-	0
UST VERNON	Y	0.25	0	0	0	-	-	0
CUPA VERNON	Y	0.25	0	0	0	-	-	0
UST LA CITY	Y	0.25	0	0	0	-	-	0
AST LA CITY	Y	0.25	0	0	0	-	-	0
HAZMAT LA CITY	Y	0.125	0	0	-	-	-	0
Additional Environmental Records								
Federal								
FINDS/FRS	Y	PO	**3**	**2**	-	-	-	**5**

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
TRIS	Y	PO	0	-	-	-	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	**1**	0	**4**	**5**
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
State								
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DRYC GRANT	Y	0.25	0	0	0	-	-	0
PFAS	Y	0.5	0	0	0	0	-	0
PFAS GW	Y	0.5	0	0	0	0	-	0
HWSS CLEANUP	Y	0.5	0	0	0	**1**	-	**1**
TOXIC PITS	Y	1	0	0	0	0	0	0
DTSC HWF	Y	0.5	0	0	0	0	-	0
INSP COMP ENF	Y	1	0	0	0	0	0	0
SCH	Y	1	0	0	0	0	0	0
CHMIRS	Y	PO	0	-	-	-	-	0
HIST CHMIRS	Y	PO	0	-	-	-	-	0
HAZNET	Y	PO	0	**4**	-	-	-	**4**
HAZ GEN	Y	PO	**2**	**8**	-	-	-	**10**
HAZ TSD	Y	0.5	0	0	0	0	-	0
HIST MANIFEST	Y	PO	**1**	**2**	-	-	-	**3**
HW TRANSPORT	Y	0.125	0	0	-	-	-	0
WASTE TIRE	Y	PO	0	-	-	-	-	0
MEDICAL WASTE	Y	0.25	0	0	0	-	-	0
HIST CORTESE	Y	0.5	0	0	0	**1**	-	**1**
CDO/CAO	Y	0.5	0	0	0	0	-	0
CERS HAZ	Y	0.125	0	**1**	-	-	-	**1**
DELISTED HAZ	Y	0.5	0	0	0	**2**	-	**2**
GEOTRACKER	Y	0.125	**1**	0	-	-	-	**1**
MINE	Y	1	0	0	0	0	0	0
LIEN	Y	PO	0	-	-	-	-	0
WASTE DISCHG	Y	0.25	0	0	**1**	-	-	**1**
EMISSIONS	Y	0.25	**2**	**4**	**3**	-	-	**9**
CDL	Y	0.125	0	0	-	-	-	0
Tribal	***No Tribal additional environmental record sources available for this State.***							
County								
HAZMAT SANTAMON	Y	0.125	0	0	-	-	-	0
HAZ WST SANTAMON	Y	0.125	0	0	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Total:			18	61	70	21	7	177

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	RCRA SQG	SANWA BANK CALIFORNIA	1977 SATURN ST MONTEREY PARK CA 91754 ***EPA Handler ID:*** *CAD982463895*	NE	0.00 / 0.00	3	50
1	FINDS/FRS	UNITED CA BANK	1977 SATURN ST MONTEREY PARK CA 917540000 ***Registry ID:*** *110018947773*	NE	0.00 / 0.00	3	51
1	HMS LA		1977 SATURN ST MONTEREY PARK CA 917557418	NE	0.00 / 0.00	3	52
1	DELISTED TNK	SANWA BANK	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	3	52
1	HIST MANIFEST		1977 SATURN ST MONTEREY PARK CA 917557418	NE	0.00 / 0.00	3	53
1	FINDS/FRS	BANK OF THE WEST	1977 SATURN ST MONTEREY PARK CA 91755 ***Registry ID:*** *110065977090*	NE	0.00 / 0.00	3	54
1	UST	1977 Saturn	1977 SATURN ST MONTEREY PARK CA 91755 ***Facility ID:*** *LACoFA0024090* ***Tank ID No. | Tank Status | Tank Closure Date:*** *#2 | UST Removal | 11/8/2018 12:00:00 AM, #3 | UST Removal | 11/8/2018 12:00:00 AM, #1 | UST Removal | 11/8/2018 12:00:00 AM*	NE	0.00 / 0.00	3	55
1	EMISSIONS	SANWA BANK CALIFORNIA	1977 SATURN ST MONTEREY PARK CA 91754	NE	0.00 / 0.00	3	56
1	EMISSIONS	SANWA BANK	1977 SATURN STREET MONTEREY PARK CA 91754	NE	0.00 / 0.00	3	57
1	DELISTED CTNK	1977 Saturn	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	3	57
1	RCRA NON GEN	EQUITY OFFICE	1977 SATURN ST MONTEREY PARK CA 91755 ***EPA Handler ID:*** *CAC002986628*	NE	0.00 / 0.00	3	58
1	FINDS/FRS	EQUITY OFFICE	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	3	59

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			Registry ID: *110070439637*				
1	CUPA LA COUNTY	1977 SATURN	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	3	59
1	UST SWEEPS	SANWA BANK	1977 SATURN ST MONTEREY PARK CA	NE	0.00 / 0.00	3	59
			C C | Status: *A19-000-7311 | ACTIVE* ***Tank ID:*** *000003, 000002, 000001*				
1	LUST	BRE CA SATURN, LLC	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	3	60
			Global ID | Status Date | Status: *T10000018576 | | OPEN - INACTIVE*				
1	HAZ GEN	BRE CA OFFICE OWNER LLC.	1977 SATURN STREET MONTEREY PARK CA 91754	NE	0.00 / 0.00	3	62
1	HAZ GEN	BANK OF THE WEST	1977 SATURN ST MONTEREY PARK CA 917557418	NE	0.00 / 0.00	3	62
1	GEOTRACKER	BRE CA SATURN, LLC	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	3	63

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
2	CUPA LA COUNTY	T-MOBILE WEST SITE ID#IE04996A	1970 SATURN ST MONTEREY PARK CA 91755	ESE	0.01 / 44.71	5	65
3	DELISTED TNK	UNION BANK OPERATIONS CENTER	1980 SATURN ST MONTEREY PARK CA 91755	SSW	0.01 / 58.48	-33	65
3	HMS LA		1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	-33	66
3	HMS LA		1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	-33	66
3	HAZNET	UNION BANK OF CALIFORNIA	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	-33	66
3	HAZNET	1X UNION BANK	1980 SATURN ST MONTEREY PARK CA 917540000	SSW	0.01 / 58.48	-33	66
3	HIST MANIFEST		1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	-33	67
3	HIST MANIFEST		1980 SATURN ST MONTEREY PARK CA 917540000	SSW	0.01 / 58.48	-33	68
3	FINDS/FRS	UNION BANK	1980 SATURN ST MONTEREY PARK CA 91755 ***Registry ID:*** 110066549079	SSW	0.01 / 58.48	-33	68
3	HAZNET	UNION BANK	1980 SATURN STREET MONTEREY PARK CA 91755	SSW	0.01 / 58.48	-33	69
3	HAZNET	UNION BANK	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	-33	69
3	UST	UNION BANK	1980 SATURN ST MONTEREY PARK CA 91755	SSW	0.01 / 58.48	-33	70

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			Facility ID: LACoFA0024092 ***Tank ID No. | Tank Status | Tank Closure Date:*** 4 | Confirmed/Updated Information | , 1 | Confirmed/Updated Information |				
3	EMISSIONS	UNION BANK (VOLK CENTER)	1980 SATURN ST MONTEREY PARK CA 91754	SSW	0.01 / 58.48	-33	71
3	CERS TANK	UNION BANK	1980 SATURN ST MONTEREY PARK CA 91755 ***Site ID:*** 404823	SSW	0.01 / 58.48	-33	72
3	RCRA NON GEN	UNION BANK	1980 SATURN STREET MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC002971095	SSW	0.01 / 58.48	-33	93
3	CUPA LA COUNTY	UNION BANK	1980 SATURN ST MONTEREY PARK CA 91755	SSW	0.01 / 58.48	-33	94
3	RCRA NON GEN	DANIEL ROSALES	1980 SATURN STREET MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003062333	SSW	0.01 / 58.48	-33	95
3	FINDS/FRS	DANIEL ROSALES	1980 SATURN STREET MONTEREY PARK CA 91755 ***Registry ID:*** 110070805844	SSW	0.01 / 58.48	-33	96
3	UST SWEEPS	UNION BANK OPERATIONS CENTER	1980 SATURN ST MONTEREY PARK CA ***C C | Status:*** A19-000-8139 | ACTIVE ***Tank ID:*** 000001	SSW	0.01 / 58.48	-33	96
3	RCRA NON GEN	DANIEL ROSALES	1980 SATURN STREET MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003155280	SSW	0.01 / 58.48	-33	97
3	HAZ GEN	JONES LANGE LASALLE	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	-33	98
3	HAZ GEN	UNION BANK	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	-33	98
3	HAZ GEN	UNION BANK	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	-33	98
3	HAZ GEN	UNION BANK	1980 SATURN STREET MONTEREY PARK CA 91755	SSW	0.01 / 58.48	-33	98
3	HAZ GEN	UNION BANK	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	-33	98

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
3	HAZ GEN	UNION BANK OF CALIFORNIA	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	-33	99
3	HAZ GEN	UNION BANK	1980 SATURN STREET MONTEREY PARK CA 91755	SSW	0.01 / 58.48	-33	99
3	HAZ GEN	CBRE AGENT FOR UNION BANK	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	-33	99
3	RCRA NON GEN	DANIEL ROSALES	1980 SATURN STREET MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003192019	SSW	0.01 / 58.48	-33	99
4	RCRA TSD	JOSEPH DELGADILLO	2004 CLOVER DR MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003008782	W	0.03 / 141.16	-28	100
4	RCRA NON GEN	JOSEPH DELGADILLO	2004 CLOVER DR MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003008782	W	0.03 / 141.16	-28	101
5	RCRA NON GEN	NADJA CALDERON	2007 CLOVER DR MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003133573	W	0.04 / 185.60	-33	102
6	DELISTED CTNK	2001 Saturn St	2001 SATURN ST MONTEREY PARK CA 91755	SW	0.04 / 189.30	-41	103
6	CUPA LA COUNTY	UNION BANK	2001 SATURN ST MONTEREY PARK CA 91755	SW	0.04 / 189.30	-41	104
6	RCRA NON GEN	2001 SATURN LLC	2001 SATURN ST. MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003198580	SW	0.04 / 189.30	-41	104
6	RCRA NON GEN	2001 SATURN LLC	2001 SATURN ST MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003195784	SW	0.04 / 189.30	-41	105
7	RCRA NON GEN	NICOLE HUI	698 TAYLOR DRIVE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003021631	NNE	0.05 / 263.56	49	106
8	RCRA NON GEN	LAI MOY & CORY NAKAUCHI	598 TAYLOR DR MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003054997	N	0.05 / 272.45	73	107

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
9	RCRA NON GEN	JACK MIYAGAWA	651 TAYLOR DRIVE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC002977534	NNE	0.05 / 282.07	62	108
9	RCRA NON GEN	JACK MIYAGAWA	651 TAYLOR DR MONTEREY PARK CA 91755-6743 ***EPA Handler ID:*** CAC002978669	NNE	0.05 / 282.07	62	109
10	RCRA NON GEN	DAVE JONES	599 TAYLOR DRIVE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC002997454	N	0.06 / 292.01	75	110
11	RCRA NON GEN	RANDALL NAKASHIMA	763 TAYLOR DR MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003111304	NE	0.07 / 348.96	65	111
12	RCRA SQG	ALPHA PHOTONICS	2019 SATURN ST MONTEREY PARK CA 91754 ***EPA Handler ID:*** CAR000087692	SW	0.08 / 445.62	-60	112
12	SML LA	ALPHA PHOTONICS/LYLE OPTPELECTRONICS	2019 SATURN ST MONTEREY PARK CA 91754	SW	0.08 / 445.62	-60	114
12	ENVIROSTOR	ALPHA PHOTONICS, INC.	2019 SATURN STREET MONTEREY PARK CA 91754 ***Estor/EPA ID | Cleanup Status:*** 71003355 | REFER: OTHER AGENCY AS OF	SW	0.08 / 445.62	-60	114
12	HMS LA		2019 SATURN ST MONTEREY PARK CA 917557496	SW	0.08 / 445.62	-60	115
12	CUPA LA COUNTY	LYTE OPTOELECTRONICS	2019 SATURN ST MONTEREY PARK CA 91755	SW	0.08 / 445.62	-60	115
12	RCRA NON GEN	LEONARDO TIJERO	2019 SATURN STREET MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003204181	SW	0.08 / 445.62	-60	115
13	CUPA LA COUNTY	T-MOBILE WEST (SITE ID#IE05350D)	2001 S ORANGE AVE MONTEREY PARK CA 91755	NNE	0.09 / 491.74	52	117
14	RCRA NON GEN	DONALD AND JOAN KARY	599 HARRISON ROAD MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC002994334	N	0.10 / 529.13	76	117
15	RCRA NON GEN	ERLINDA SOSNOSKI	1981 FULTON AVE MONTEREY PARK CA 91755-6749 ***EPA Handler ID:*** CAC003036667	W	0.10 / 541.33	-46	118

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
16	ENVIROSTOR	ROSS NAMEPLATE CO.	RED PLUM CIRCLE, #2 MONTEREY PARK CA 91765 ***Estor/EPA ID	Cleanup Status:*** 71002913 | REFER: OTHER AGENCY AS OF	WSW	0.11 / 603.73	-59	119
16	HMS LA		2 RED PLUM CIR MONTEREY PARK CA 917547486		WSW	0.11 / 603.73	-59	119
16	EMISSIONS	ROSS NAME PLATE CO	NUMBER TWO RED PLUM CIRCLE MONTEREY PARK CA 91754		WSW	0.11 / 603.73	-59	120
16	EMISSIONS	ROSS NAME PLATE CO	2 RED PLUM CIR MONTEREY PARK CA 91754		WSW	0.11 / 603.73	-59	120
16	EMISSIONS	ROSS NAME PLATE CO	2 RED PLUM CIRCLE MONTEREY PARK CA 91754		WSW	0.11 / 603.73	-59	123
16	CERS HAZ	ROSS NAME PLATE COMPANY	2 RED PLUM CIR MONTEREY PARK CA 91755		WSW	0.11 / 603.73	-59	124
16	CUPA LA COUNTY	ROSS NAME PLATE COMPANY	2 RED PLUM CIR MONTEREY PARK CA 91755		WSW	0.11 / 603.73	-59	131
16	RCRA LQG	ROSS NAME PLATE CO	NUMBER 2 RED PLUM CR MONTEREY PARK CA 91754 ***EPA Handler ID:*** CAD981685373		WSW	0.11 / 603.73	-59	131
16	UST SWEEPS	ROSS NAME PLATE	2 RED PLUM MONTEREY PARK CA ***C C | Status:*** A19-000-7314 | ACTIVE ***Tank ID:*** 000001		WSW	0.11 / 603.73	-59	133
17	RCRA NON GEN	TMC POWER EQUIPMENT, INC.	2051 SATURN STREET MONTEREY PARK CA 91754 ***EPA Handler ID:*** CAL912605187		SW	0.12 / 658.97	-54	134
18	RCRA NON GEN	ANGEL SANCHEZ	624 ACKLEY STREET MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC002972501		NNE	0.14 / 745.03	75	135
19	RCRA NON GEN	WILDA LAW	509 TAYLOR DR. MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003083151		NW	0.14 / 745.46	24	136
20	HMS LA		601 POTRERO GRANDE DR MONTEREY PARK CA 917557430		SSW	0.14 / 759.15	-40	137

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
20	RCRA NON GEN	CARE1ST HEALTH PLAN	601 PORTRERO GRANDE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC002990067	SSW	0.14 / 759.15	-40	137
21	CERCLIS	OPERATING INDUSTRIES, INC., LANDFILL	900 N POTRERO GRANDE DR MONTEREY PARK CA 91754 ***Site EPA ID:*** CAT080012024	ESE	0.16 / 834.70	-21	139
21	FED ENG	OPERATING INDUSTRIES, INC., LANDFILL	900 N POTRERO GRANDE DR MONTEREY PARK CA 91754 ***EPA ID:*** CAT080012024	ESE	0.16 / 834.70	-21	155
21	RCRA SQG	GETTY SYNTHETIC FUELS INC	900 POTRERO GRANDE MONTEREY PARK CA 91754 ***EPA Handler ID:*** CAD980895478	ESE	0.16 / 834.70	-21	158
21	DELISTED COUNTY	OPERATING INDUSTRIES, LANDFILL	900 N POTRERO GRANDE DR MONTEREY PARK CA 91754	ESE	0.16 / 834.70	-21	159
21	SWF/LF	Operating Industries, Inc	900 Potrero Grande Drive Monterey Park CA 91754 ***Act Opl Status | Activity:*** Closed | Solid Waste Disposal Site	ESE	0.16 / 834.70	-21	159
21	SWF LA COUNTY	Operating Industries, Inc.	900 Potrero Grande Drive, Monterey Park, CA 91754 Monterey Park CA ***Status:*** Closed	ESE	0.16 / 834.70	-21	160
21	HHSS	OPERATING INDUSTRIES LANDFILL	900 POTRERO GRANDE DRIVE MONTEREY PARK CA 91754	ESE	0.16 / 834.70	-21	161
21	SEMS	OPERATING INDUSTRIES	900 POTRERO GRANDE DR MONTEREY PARK CA 91755 ***EPA ID:*** CAT080012024	ESE	0.16 / 834.70	-21	161
21	SWRCB SWF	OPERATING INDUSTRIES, INC.	MONTEREY PARK CA	ESE	0.16 / 834.70	-21	166
21	EMISSIONS	GSF ENERGY, INC.	900-950 POTRERO GRANDE MONTEREY PARK CA	ESE	0.16 / 834.70	-21	166
21	HIST TANK	OPERATING INDUSTRIES LANDFILL	900 POTRERO GRANDE DRIVE MONTEREY PARK CA	ESE	0.16 / 834.70	-21	166
21	CALSITES	OPERATING INDUSTRIES, INC. LANDFILL	900 POTRERO GRANDE DR MONTEREY PARK CA 91755	ESE	0.16 / 834.70	-21	167

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
21	WMUD	OPERATING INDUSTRIES, INC.	900 POTRERO GRANDE DRIVE MONTEREY PARK CA 91754	ESE	0.16 / 834.70	-21	168
22	HMS LA		521 ATLAS AVE MONTEREY PARK CA 91754	SW	0.16 / 837.07	-49	169
22	EMISSIONS	DYMENT LTD	521 ATLAS AVE MONTEREY PARK CA 91754	SW	0.16 / 837.07	-49	170
22	CUPA LA COUNTY	CRA INTERNATIONAL INDUSTRIAL INC	521 ATLAS AVE MONTEREY PARK CA 91755	SW	0.16 / 837.07	-49	170
23	ODI	OPERATING INDUSTRIES,INC	1000 POTRERO GRANDE DRIVE MONTEREY PARK CA	ESE	0.16 / 841.71	-20	171
24	RCRA NON GEN	BARBARA HIGA	1880 SOUTH ORANGE AVENUE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003159123	NE	0.17 / 879.35	55	171
24	RCRA NON GEN	BARBARA HIGA	1880 S ORANGE AVE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003187564	NE	0.17 / 879.35	55	172
24	RCRA NON GEN	BARBARA HIGA	1880 S ORANGE AVE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003198606	NE	0.17 / 879.35	55	173
25	RCRA NON GEN	ERNESTINA CASTELLANOS	1912 PALM AVE MONTEREY PARK CA 91755-5728 ***EPA Handler ID:*** CAC003042964	NE	0.17 / 885.96	95	174
26	HMS LA		740 POTRERO GRANDE DR MONTEREY PARK CA 91754	SSE	0.17 / 893.33	-30	175
27	CUPA LA COUNTY	METROPCS CALIFORNIA, LLC LA0289	1855 SATURN ST MONTEREY PARK CA 91754	E	0.17 / 914.42	-16	175
28	RCRA NON GEN	588 ATLAS	588 ATLAS AVE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003108626	SW	0.17 / 923.46	-48	176
29	RCRA NON GEN	ROBERT PERRY	420 ACKLEY ST MONTEREY PARK CA 91755	NW	0.18 / 925.76	-12	177

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: CAC003089458				
29	RCRA NON GEN	ROBERT PERRY	420 ACKLEY ST MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003088356	NW	0.18 / 925.76	-12	178
30	RCRA NON GEN	ANNA WANG	1828 FILLMORE DR. MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003180897	N	0.18 / 925.90	57	179
31	CUPA LA COUNTY	MOON VALLEY NURSERY OF CALIFORNIA	2100 MARKET PLACE AVE MONTEREY PARK CA 91754	E	0.18 / 930.55	-16	180
32	RCRA NON GEN	DENNIS YAMANOUYE	1871 S ORANGE AVE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC002999644	NNE	0.18 / 934.20	57	180
33	RCRA NON GEN	CITY Y OF MONTEREY PARK	1860 S. ORANGE AVE MONTEREY PARK CA 91754 ***EPA Handler ID:*** CAC002974966	NE	0.18 / 938.18	57	181
33	RCRA NON GEN	RUTH WONG	1860 S. ORANGE AVE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003028561	NE	0.18 / 938.18	57	182
34	RCRA LQG	SCE MONTEBELLO SERVICE CTR	1000 E POTRERO GRANDE DR MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAR000195891	E	0.18 / 966.13	-14	183
35	HMS LA		700 POTRERO GRANDE DR MONTEREY PARK CA 91754	SSE	0.18 / 972.62	-37	187
35	WASTE DISCHG	METROPOLITAN WATER DISTRICT'S MIDDLE FEEDER SOUTH PIPELINE	700 POTRERO GRANDE DRIVE MONTEREY PARK CA 91755-7409	SSE	0.18 / 972.62	-37	187
35	CUPA LA COUNTY	SPRINT NXTL SCE MESA SUB	700 E POTRERO GRANDE DR SPRNT MONTEREY PARK CA 91755	SSE	0.18 / 972.62	-37	189
36	EMISSIONS	ATLAS DISPLAY CO.	521 ATLAS AV MONTEREY PARK CA 91754	SW	0.19 / 978.09	-47	189
37	CUPA LA COUNTY	SPRINT NXTL POTRERO GRANDE	690 POTRERO GRANDE DR MONTEREY PARK CA 91755	SSE	0.19 / 978.50	-38	189

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
38	RCRA NON GEN	POWER GRADE MESA SUBSTATION PROJECT YARD	2110 GREENWOOD AVE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAL000432709	E	0.19 / 1,001.64	-10	190
39	RCRA NON GEN	MARION SOMIMOTO	1840 S ORANGE AVE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC002991589	NNE	0.19 / 1,005.48	62	191
39	RCRA NON GEN	MARION SUMIMOTO	1840 S ORANGE AVE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003096901	NNE	0.19 / 1,005.48	62	192
40	LUST	SCE - MESA SUBSTATION	700 E POTRERO GRANDE DR MONTEREY PARK CA 91755 ***Global ID | Status Date | Status:*** T0601993710 | 4/23/2003 | COMPLETED - CASE CLOSED	S	0.19 / 1,021.35	-40	193
40	CUPA LA COUNTY	SCE MESA SUBSTATION	700 E POTRERO GRANDE DR MONTEREY PARK CA 91754	S	0.19 / 1,021.35	-40	196
40	RCRA LQG	SCE MESA SUBSTATION	700 E POTRERO GRANDE DR MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAR000203182	S	0.19 / 1,021.35	-40	197
40	UST SWEEPS	SOUTHERN CALIFORNIA EDISON	700 E POTRERO GRANDE DR MONTEREY PARK CA ***C C | Status:*** A19-000-12371 | ACTIVE ***Tank ID:*** 000001	S	0.19 / 1,021.35	-40	202
41	RCRA NON GEN	MESA WATERLINE RELOCATION PROJECT	1101 POTRERO GRANDE DR MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAL000432118	E	0.20 / 1,078.19	-11	203
42	RCRA SQG	MOBAY CHEM CORP MONTEREY PK	17 CUPANIA CIR MONTEREY PARK CA 91754 ***EPA Handler ID:*** CAD066647306	WSW	0.21 / 1,086.50	-59	204
43	HHSS	MESA SUBSTATION	700 EAST POSTRERO GRANGE DR WILCOX MONTEREY PARK CA 91754	SE	0.21 / 1,105.17	-50	205
43	CERS TANK	SCE Mesa Substation	700 EAST POTRERO GRANDE DR MONTEREY PARK CA 91755 ***Site ID:*** 155266	SE	0.21 / 1,105.17	-50	205
43	HIST TANK	MESA SUBSTATION	700 EAST POTRERO GRANGE DR MONTEREY PARK CA	SE	0.21 / 1,105.17	-50	210
43	RCRA SQG	MESA SUBSTATION	700 E. POTRERO GRANDE DR. MONTEREY PARK CA 91754	SE	0.21 / 1,105.17	-50	210

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: CAD981694813				
44	RCRA NON GEN	AMEY ENOMOTO	696 WILSON PLACE MONTER MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC002990644	NNE	0.21 / 1,132.30	68	212
44	RCRA NON GEN	AMEY ENOMOTO	696 WILSON PLACE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC002991838	NNE	0.21 / 1,132.30	68	213
45	RCRA NON GEN	ERNEST GUZMAN	1852 BUCHANAN PLACE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC002983645	NW	0.22 / 1,145.97	6	214
46	MRDS	MCCASLIN MATERIALS CO. PIT	LOS ANGELES COUNTY MONTEREY PARK CA 91755 ***Dep ID:*** 10236616	E	0.22 / 1,153.89	16	215
47	RCRA NON GEN	MOMI NARIKOYO	1863 ASH MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003113540	ENE	0.22 / 1,172.45	97	215
48	HMS LA		2 CORAL CIR MONTEREY PARK CA 91754	SW	0.23 / 1,191.68	-51	216
48	HMS LA		2 CORAL CIR MONTEREY PARK CA 91754	SW	0.23 / 1,191.68	-51	217
49	RCRA NON GEN	DEBRA SIMONE / LONI SHIBUYAMA	1778 S. ORANGE AVENUE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003188785	NNE	0.23 / 1,195.91	70	217
50	CUPA LA COUNTY	POWER GRADE INC. - SCE MESA SUBSTATION PROJECT YARD	2110 MARKET PLACE DR MONTEREY PARK CA 91755	E	0.23 / 1,198.37	19	218
51	RCRA NON GEN	YONEO INOUYE	1793 ADAMS WAY MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003053071	NNW	0.23 / 1,231.71	73	218
52	RCRA NON GEN	JEAN KOBATA	743 ACKLEY ST MONTEREY PARK CA 91754 ***EPA Handler ID:*** CAC003097684	NE	0.24 / 1,252.02	109	219
53	RCRA NON GEN	WENDY LUI	500 VAN BUREN DR MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC002980756	NNW	0.24 / 1,271.75	80	220
54	DELISTED TNK	SAN GABRIEL NURSERY	2015 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.24 / 1,280.84	-7	221

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
54	HMS LA		2015 POTRERO GRANDE DR MONTEREY PARK CA 917557414	E	0.24 / 1,280.84	-7	222
54	SML LA	SAN GABRIEL NURSERY & FLORIST	2015 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.24 / 1,280.84	-7	222
54	CUPA LA COUNTY	SAN GABRIEL NURSERY/FLORIST	2015 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.24 / 1,280.84	-7	222
55	DELISTED HAZ	Verizon Wireless: Greenwood	500 POTRERO GRANDE DR # VZ MONTEREY PARK CA 91755	SSW	0.27 / 1,408.57	-63	222
55	DELISTED HAZ	Power Grade Inc. - SCE Mesa Substation Project	500 POTRERO GRANDE DR MONTEREY PARK CA 91755	SSW	0.27 / 1,408.57	-63	222
56	LUST	SHELL SERVICE STATION	430 POTRERO GRANDE MONTEREY PARK CA 91755	SSW	0.30 / 1,593.98	-74	223
			Global ID* | *Status Date* | *Status: T0603789423 | 8/9/2005 | COMPLETED - CASE CLOSED				
57	LUST	SHELL	430 POTRERO GRANDE DR MONTEREY PARK CA 91755	SW	0.32 / 1,675.26	-83	226
			Global ID* | *Status Date* | *Status: T0603703429 | 12/1/1989 | COMPLETED - CASE CLOSED				
58	SML LA	SOUTHERN CAL. EDISON/MONTEBELO	1000 POTRERO GRANDE DR MONTEREY PARK CA 91754	E	0.33 / 1,748.13	22	228
58	LUST	MONTEBELLO SERVICE CENTER	1000 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.33 / 1,748.13	22	228
			Global ID* | *Status Date* | *Status: T0603703289 | 9/25/1996 | COMPLETED - CASE CLOSED				
58	SWAT	OPERATING INDUSTRIES LANDFILL	1000 POTRERO GRANDE DRIVE MONTEREY PARK, CA 91754 CA	E	0.33 / 1,748.13	22	231
59	LUST	SHELL OIL COMPANY # 204-5112-0917	430 E POTRERO GRANDE DR MONTEREY PARK CA 91754	SSW	0.33 / 1,767.56	-85	232
			Global ID* | *Status Date* | *Status: T10000000993 | 10/6/2011 | COMPLETED - CASE CLOSED				
60	NPL	OPERATING INDUSTRIES, INC., LANDFILL	900 N POTRERO GRANDE DR MONTEREY PARK CA 91754	ESE	0.37 / 1,944.71	-34	235
			EPA ID: CAT080012024				

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
61	LUST	SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER	1000 POTRERO GRANDE DRIVE EAST MONTEREY PARK CA 91755	E	0.38 / 2,028.49	-2	236
			***Global ID	Status Date	Status:*** T10000004493	1/22/2019	COMPLETED - CASE CLOSED				
61	DELISTED LST	Southern California Edison - Montebello Service Center	1000 Potrero Grande Drive East, Monterey Park, CA 91755 CA	E	0.38 / 2,028.49	-2	241
61	UST CLOSURE	Southern California Edison - Montebello Service Center	1000 Potrero Grande Drive East, Monterey Park, CA 91755 CA ***Claim Case No:*** Case No. I-07315A	E	0.38 / 2,028.49	-2	241
62	ENVIROSTOR	OPERATING INDUSTRIES INC	900 POTRERO GRANDE DR MONTEREY PARK CA 917557419 ***Estor/EPA ID	Cleanup Status:*** 80001837	REFER: SMBRP AS OF 6/19/2013	SSE	0.39 / 2,064.09	-60	241
62	ENVIROSTOR	NEW CURE, INC.	900 POTRERO GRANDE DR MONTEREY PARK CA 917557419 ***Estor/EPA ID	Cleanup Status:*** CAT080012024	SSE	0.39 / 2,064.09	-60	242
62	HWP	NEW CURE, INC.	900 POTRERO GRANDE DR MONTEREY PARK CA 917557419 ***Estor/EPA ID:*** CAT080012024	SSE	0.39 / 2,064.09	-60	243
63	RCRA TSD	ROY KOBAYASHI	1920 LUPINE AVENUE MONTEREY PARK CA 91775-6510 ***EPA Handler ID:*** CAC003012148	WNW	0.43 / 2,252.97	-33	245
63	RCRA TSD	ROY KOBAYASHI	1920 LUPINE AVENUE MONTEREY PARK CA 91775 ***EPA Handler ID:*** CAC003014058	WNW	0.43 / 2,252.97	-33	246
64	HWSS CLEANUP	OPERATING INDUSTRIES, INC. LANDFILL	900 POTRERO GRANDE DR MONTEREY PARK CA 91755 ***Estor/EPA ID	Cleanup Status:*** 19490207	CERTIFIED / OPERATION & MAINTENANCE AS OF 8/2/2012	ESE	0.49 / 2,583.17	21	247
64	ENVIROSTOR	OPERATING INDUSTRIES, INC. LANDFILL	900 POTRERO GRANDE DR MONTEREY PARK CA 91755 ***Estor/EPA ID	Cleanup Status:*** 19490207	CERTIFIED / OPERATION & MAINTENANCE AS OF 8/2/2012	ESE	0.49 / 2,583.17	21	258
64	HIST CORTESE	OPERATING INDUSTRIES, INC. LANDFILL	900 POTRERO GRANDE DR MONTEREY PARK CA 91755	ESE	0.49 / 2,583.17	21	268
64	LUR	OPERATING INDUSTRIES, INC. LANDFILL	900 POTRERO GRANDE DR MONTEREY PARK CA 91755	ESE	0.49 / 2,583.17	21	268

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			***Estor/EPA ID	Cleanup Status:*** 19490207 | CERTIFIED / OPERATION & MAINTENANCE AS OF 8/2/2012			
65	RCRA CORRACTS	NEW CURE, INC.	2550 GREENWOOD AVENUE MONTEREY PARK CA 91755-7419 ***EPA Handler ID:*** CAT080012024	SSE	0.56 / 2,965.08	64	278
66	MRDS	LA DECOMPOSED GRANITE CO	LOS ANGELES COUNTY MONTEBELLO CA 90640 ***Dep ID:*** 10076834	S	0.60 / 3,175.71	126	287
67	SUPERFUND ROD	OPERATING INDUSTRIES, INC., LANDFILL	900 N POTRERO GRANDE DR MONTEREY PARK CA 91754	ENE	0.70 / 3,712.77	-34	288
68	MRDS	MONTEREY PARK GRANITE CO.	LOS ANGELES COUNTY MONTEREY PARK CA 91755 ***Dep ID:*** 10285226	WNW	0.80 / 4,217.38	38	290
69	MRDS	TORRANCE BRICK CO.-MONTEREY PARK 2	LOS ANGELES COUNTY ROSEMEAD CA 91770 ***Dep ID:*** 10261102	NNE	0.95 / 5,005.16	21	290
70	MRDS	L. A. DECOMPOSED GRANITE CO.	LOS ANGELES COUNTY MONTEBELLO CA 90640 ***Dep ID:*** 10284932	SSE	0.96 / 5,091.92	80	291
71	ENVIROSTOR	METRO HEIGHTS	1400 NORTH MONTEBELLO BOULEVARD MONTEBELLO CA 90640 ***Estor/EPA ID	Cleanup Status:*** 60003140 | ACTIVE AS OF 6/11/2021	ESE	0.98 / 5,193.45	156	291

Executive Summary: Summary by Data Source

Standard

Federal

NPL - National Priority List

A search of the NPL database, dated Nov 3, 2022 has found that there are 1 NPL site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, INC., LANDFILL	900 N POTRERO GRANDE DR MONTEREY PARK CA 91754 ***EPA ID**: CAT080012024*	ESE	0.37 / 1,944.71	60

SEMS - SEMS List 8R Active Site Inventory

A search of the SEMS database, dated Jan 25, 2023 has found that there are 1 SEMS site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES	900 POTRERO GRANDE DR MONTEREY PARK CA 91755 ***EPA ID**: CAT080012024*	ESE	0.16 / 834.70	21

ODI - Inventory of Open Dumps, June 1985

A search of the ODI database, dated Jun 1985 has found that there are 1 ODI site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES,INC	1000 POTRERO GRANDE DRIVE MONTEREY PARK CA	ESE	0.16 / 841.71	23

CERCLIS - Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS

A search of the CERCLIS database, dated Oct 25, 2013 has found that there are 1 CERCLIS site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, INC., LANDFILL	900 N POTRERO GRANDE DR MONTEREY PARK CA 91754 ***Site EPA ID**: CAT080012024*	ESE	0.16 / 834.70	21

RCRA CORRACTS - RCRA CORRACTS-Corrective Action

A search of the RCRA CORRACTS database, dated Jan 23, 2023 has found that there are 1 RCRA CORRACTS site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
NEW CURE, INC.	2550 GREENWOOD AVENUE MONTEREY PARK CA 91755-7419 ***EPA Handler ID**: CAT080012024*	SSE	0.56 / 2,965.08	65

RCRA TSD - RCRA non-CORRACTS TSD Facilities

A search of the RCRA TSD database, dated Jan 23, 2023 has found that there are 3 RCRA TSD site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
JOSEPH DELGADILLO	2004 CLOVER DR MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003008782*	W	0.03 / 141.16	4
ROY KOBAYASHI	1920 LUPINE AVENUE MONTEREY PARK CA 91775 ***EPA Handler ID**: CAC003014058*	WNW	0.43 / 2,252.97	63
ROY KOBAYASHI	1920 LUPINE AVENUE MONTEREY PARK CA 91775-6510 ***EPA Handler ID**: CAC003012148*	WNW	0.43 / 2,252.97	63

RCRA LQG - RCRA Generator List

A search of the RCRA LQG database, dated Jan 23, 2023 has found that there are 3 RCRA LQG site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROSS NAME PLATE CO	NUMBER 2 RED PLUM CR MONTEREY PARK CA 91754 ***EPA Handler ID**: CAD981685373*	WSW	0.11 / 603.73	16
SCE MONTEBELLO SERVICE CTR	1000 E POTRERO GRANDE DR MONTEREY PARK CA 91755 ***EPA Handler ID**: CAR000195891*	E	0.18 / 966.13	34
SCE MESA SUBSTATION	700 E POTRERO GRANDE DR MONTEREY PARK CA 91755 ***EPA Handler ID**: CAR000203182*	S	0.19 / 1,021.35	40

RCRA SQG - RCRA Small Quantity Generators List

A search of the RCRA SQG database, dated Jan 23, 2023 has found that there are 5 RCRA SQG site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SANWA BANK CALIFORNIA	1977 SATURN ST MONTEREY PARK CA 91754 ***EPA Handler ID**: CAD982463895*	NE	0.00 / 0.00	1

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ALPHA PHOTONICS	2019 SATURN ST MONTEREY PARK CA 91754 ***EPA Handler ID**: CAR000087692*	SW	0.08 / 445.62	12
GETTY SYNTHETIC FUELS INC	900 POTRERO GRANDE MONTEREY PARK CA 91754 ***EPA Handler ID**: CAD980895478*	ESE	0.16 / 834.70	21
MOBAY CHEM CORP MONTEREY PK	17 CUPANIA CIR MONTEREY PARK CA 91754 ***EPA Handler ID**: CAD066647306*	WSW	0.21 / 1,086.50	42
MESA SUBSTATION	700 E. POTRERO GRANDE DR. MONTEREY PARK CA 91754 ***EPA Handler ID**: CAD981694813*	SE	0.21 / 1,105.17	43

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Jan 23, 2023 has found that there are 45 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
EQUITY OFFICE	1977 SATURN ST MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC002986628*	NE	0.00 / 0.00	1
NICOLE HUI	698 TAYLOR DRIVE MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003021631*	NNE	0.05 / 263.56	7
LAI MOY & CORY NAKAUCHI	598 TAYLOR DR MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003054997*	N	0.05 / 272.45	8
JACK MIYAGAWA	651 TAYLOR DRIVE MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC002977534*	NNE	0.05 / 282.07	9
JACK MIYAGAWA	651 TAYLOR DR MONTEREY PARK CA 91755-6743 ***EPA Handler ID**: CAC002978669*	NNE	0.05 / 282.07	9
DAVE JONES	599 TAYLOR DRIVE MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC002997454*	N	0.06 / 292.01	10
RANDALL NAKASHIMA	763 TAYLOR DR MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003111304*	NE	0.07 / 348.96	11
DONALD AND JOAN KARY	599 HARRISON ROAD MONTEREY PARK CA 91755	N	0.10 / 529.13	14

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***EPA Handler ID**: CAC002994334*			
ANGEL SANCHEZ	624 ACKLEY STREET MONTEREY PARK CA 91755	NNE	0.14 / 745.03	18
	***EPA Handler ID**: CAC002972501*			
WILDA LAW	509 TAYLOR DR. MONTEREY PARK CA 91755	NW	0.14 / 745.46	19
	***EPA Handler ID**: CAC003083151*			
BARBARA HIGA	1880 S ORANGE AVE MONTEREY PARK CA 91755	NE	0.17 / 879.35	24
	***EPA Handler ID**: CAC003198606*			
BARBARA HIGA	1880 S ORANGE AVE MONTEREY PARK CA 91755	NE	0.17 / 879.35	24
	***EPA Handler ID**: CAC003187564*			
BARBARA HIGA	1880 SOUTH ORANGE AVENUE MONTEREY PARK CA 91755	NE	0.17 / 879.35	24
	***EPA Handler ID**: CAC003159123*			
ERNESTINA CASTELLANOS	1912 PALM AVE MONTEREY PARK CA 91755-5728	NE	0.17 / 885.96	25
	***EPA Handler ID**: CAC003042964*			
ANNA WANG	1828 FILLMORE DR. MONTEREY PARK CA 91755	N	0.18 / 925.90	30
	***EPA Handler ID**: CAC003180897*			
DENNIS YAMANOUYE	1871 S ORANGE AVE MONTEREY PARK CA 91755	NNE	0.18 / 934.20	32
	***EPA Handler ID**: CAC002999644*			
RUTH WONG	1860 S. ORANGE AVE MONTEREY PARK CA 91755	NE	0.18 / 938.18	33
	***EPA Handler ID**: CAC003028561*			
CITY Y OF MONTEREY PARK	1860 S. ORANGE AVE MONTEREY PARK CA 91754	NE	0.18 / 938.18	33
	***EPA Handler ID**: CAC002974966*			
MARION SOMIMOTO	1840 S ORANGE AVE MONTEREY PARK CA 91755	NNE	0.19 / 1,005.48	39
	***EPA Handler ID**: CAC002991589*			
MARION SUMIMOTO	1840 S ORANGE AVE MONTEREY PARK CA 91755	NNE	0.19 / 1,005.48	39
	***EPA Handler ID**: CAC003096901*			
AMEY ENOMOTO	696 WILSON PLACE MONTER MONTEREY PARK CA 91755	NNE	0.21 / 1,132.30	44

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***EPA Handler ID**: CAC002990644*			
AMEY ENOMOTO	696 WILSON PLACE MONTEREY PARK CA 91755	NNE	0.21 / 1,132.30	44
	***EPA Handler ID**: CAC002991838*			
ERNEST GUZMAN	1852 BUCHANAN PLACE MONTEREY PARK CA 91755	NW	0.22 / 1,145.97	45
	***EPA Handler ID**: CAC002983645*			
MOMI NARIKOYO	1863 ASH MONTEREY PARK CA 91755	ENE	0.22 / 1,172.45	47
	***EPA Handler ID**: CAC003113540*			
DEBRA SIMONE / LONI SHIBUYAMA	1778 S. ORANGE AVENUE MONTEREY PARK CA 91755	NNE	0.23 / 1,195.91	49
	***EPA Handler ID**: CAC003188785*			
YONEO INOUYE	1793 ADAMS WAY MONTEREY PARK CA 91755	NNW	0.23 / 1,231.71	51
	***EPA Handler ID**: CAC003053071*			
JEAN KOBATA	743 ACKLEY ST MONTEREY PARK CA 91754	NE	0.24 / 1,252.02	52
	***EPA Handler ID**: CAC003097684*			
WENDY LUI	500 VAN BUREN DR MONTEREY PARK CA 91755	NNW	0.24 / 1,271.75	53
	***EPA Handler ID**: CAC002980756*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNION BANK	1980 SATURN STREET MONTEREY PARK CA 91755	SSW	0.01 / 58.48	3
	***EPA Handler ID**: CAC002971095*			
DANIEL ROSALES	1980 SATURN STREET MONTEREY PARK CA 91755	SSW	0.01 / 58.48	3
	***EPA Handler ID**: CAC003062333*			
DANIEL ROSALES	1980 SATURN STREET MONTEREY PARK CA 91755	SSW	0.01 / 58.48	3
	***EPA Handler ID**: CAC003155280*			
DANIEL ROSALES	1980 SATURN STREET MONTEREY PARK CA 91755	SSW	0.01 / 58.48	3
	***EPA Handler ID**: CAC003192019*			
JOSEPH DELGADILLO	2004 CLOVER DR MONTEREY PARK CA 91755	W	0.03 / 141.16	4
	***EPA Handler ID**: CAC003008782*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
NADJA CALDERON	2007 CLOVER DR MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003133573*	W	0.04 / 185.60	5
2001 SATURN LLC	2001 SATURN ST. MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003198580*	SW	0.04 / 189.30	6
2001 SATURN LLC	2001 SATURN ST MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003195784*	SW	0.04 / 189.30	6
LEONARDO TIJERO	2019 SATURN STREET MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003204181*	SW	0.08 / 445.62	12
ERLINDA SOSNOSKI	1981 FULTON AVE MONTEREY PARK CA 91755-6749 ***EPA Handler ID**: CAC003036667*	W	0.10 / 541.33	15
TMC POWER EQUIPMENT, INC.	2051 SATURN STREET MONTEREY PARK CA 91754 ***EPA Handler ID**: CAL912605187*	SW	0.12 / 658.97	17
CARE1ST HEALTH PLAN	601 PORTRERO GRANDE MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC002990067*	SSW	0.14 / 759.15	20
588 ATLAS	588 ATLAS AVE MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003108626*	SW	0.17 / 923.46	28
ROBERT PERRY	420 ACKLEY ST MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003088356*	NW	0.18 / 925.76	29
ROBERT PERRY	420 ACKLEY ST MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003089458*	NW	0.18 / 925.76	29
POWER GRADE MESA SUBSTATION PROJECT YARD	2110 GREENWOOD AVE MONTEREY PARK CA 91755 ***EPA Handler ID**: CAL000432709*	E	0.19 / 1,001.64	38
MESA WATERLINE RELOCATION PROJECT	1101 POTRERO GRANDE DR MONTEREY PARK CA 91755 ***EPA Handler ID**: CAL000432118*	E	0.20 / 1,078.19	41

FED ENG - Federal Engineering Controls-ECs

A search of the FED ENG database, dated Dec 22, 2022 has found that there are 1 FED ENG site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, INC., LANDFILL	900 N POTRERO GRANDE DR MONTEREY PARK CA 91754	ESE	0.16 / 834.70	21
	***EPA ID**: CAT080012024*			

SUPERFUND ROD - Superfund Decision Documents

A search of the SUPERFUND ROD database, dated Dec 22, 2022 has found that there are 1 SUPERFUND ROD site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, INC., LANDFILL	900 N POTRERO GRANDE DR MONTEREY PARK CA 91754	ENE	0.70 / 3,712.77	67

State

ENVIROSTOR - EnviroStor Database

A search of the ENVIROSTOR database, dated Feb 6, 2023 has found that there are 6 ENVIROSTOR site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, INC. LANDFILL	900 POTRERO GRANDE DR MONTEREY PARK CA 91755	ESE	0.49 / 2,583.17	64
	***Estor/EPA ID**	**Cleanup Status**: 19490207	CERTIFIED / OPERATION & MAINTENANCE AS OF 8/2/2012*		
METRO HEIGHTS	1400 NORTH MONTEBELLO BOULEVARD MONTEBELLO CA 90640 ***Estor/EPA ID**	**Cleanup Status**: 60003140	ACTIVE AS OF 6/11/2021*	ESE	0.98 / 5,193.45	71

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ALPHA PHOTONICS, INC.	2019 SATURN STREET MONTEREY PARK CA 91754	SW	0.08 / 445.62	12
	***Estor/EPA ID**	**Cleanup Status**: 71003355	REFER: OTHER AGENCY AS OF*		
ROSS NAMEPLATE CO.	RED PLUM CIRCLE, #2 MONTEREY PARK CA 91765	WSW	0.11 / 603.73	16
	***Estor/EPA ID**	**Cleanup Status**: 71002913	REFER: OTHER AGENCY AS OF*		
NEW CURE, INC.	900 POTRERO GRANDE DR MONTEREY PARK CA 917557419	SSE	0.39 / 2,064.09	62
	***Estor/EPA ID**	**Cleanup Status**: CAT080012024*			
OPERATING INDUSTRIES INC	900 POTRERO GRANDE DR MONTEREY PARK CA 917557419	SSE	0.39 / 2,064.09	62
	***Estor/EPA ID**	**Cleanup Status**: 80001837	REFER: SMBRP AS OF 6/19/2013*		

SWF/LF - Solid Waste Information System (SWIS)

A search of the SWF/LF database, dated Feb 9, 2023 has found that there are 1 SWF/LF site(s) within approximately 0.50 miles of the

project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Operating Industries, Inc	900 Potrero Grande Drive Monterey Park CA 91754	ESE	0.16 / 834.70	21
	***Act Opl Status** | **Activity**: Closed | Solid Waste Disposal Site*			

SWRCB SWF - Solid Waste Disposal Sites with Waste Constituents Above Hazardous Waste Levels

A search of the SWRCB SWF database, dated Sep 20, 2006 has found that there are 1 SWRCB SWF site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, INC.	MONTEREY PARK CA	ESE	0.16 / 834.70	21

WMUD - Waste Management Unit Database

A search of the WMUD database, dated Jan 1, 2000 has found that there are 1 WMUD site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, INC.	900 POTRERO GRANDE DRIVE MONTEREY PARK CA 91754	ESE	0.16 / 834.70	21

HWP - EnviroStor Hazardous Waste Facilities

A search of the HWP database, dated Feb 6, 2023 has found that there are 1 HWP site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
NEW CURE, INC.	900 POTRERO GRANDE DR MONTEREY PARK CA 917557419	SSE	0.39 / 2,064.09	62
	***Estor/EPA ID**: CAT080012024*			

SWAT - Sites Listed in the Solid Waste Assessment Test (SWAT) Program Report

A search of the SWAT database, dated Dec 31, 1995 has found that there are 1 SWAT site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES LANDFILL	1000 POTRERO GRANDE DRIVE MONTEREY PARK, CA 91754 CA	E	0.33 / 1,748.13	58

LUST - Leaking Underground Fuel Tank Reports

A search of the LUST database, dated Nov 16, 2022 has found that there are 7 LUST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BRE CA SATURN, LLC	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	1
	Global ID* | *Status Date* | *Status: *T10000018576* | | *OPEN - INACTIVE*			
MONTEBELLO SERVICE CENTER	1000 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.33 / 1,748.13	58
	Global ID* | *Status Date* | *Status: *T0603703289* | *9/25/1996* | *COMPLETED - CASE CLOSED*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
SCE - MESA SUBSTATION	700 E POTRERO GRANDE DR MONTEREY PARK CA 91755	S	0.19 / 1,021.35	40
	Global ID* | *Status Date* | *Status: *T0601993710* | *4/23/2003* | *COMPLETED - CASE CLOSED*			
SHELL SERVICE STATION	430 POTRERO GRANDE MONTEREY PARK CA 91755	SSW	0.30 / 1,593.98	56
	Global ID* | *Status Date* | *Status: *T0603789423* | *8/9/2005* | *COMPLETED - CASE CLOSED*			
SHELL	430 POTRERO GRANDE DR MONTEREY PARK CA 91755	SW	0.32 / 1,675.26	57
	Global ID* | *Status Date* | *Status: *T0603703429* | *12/1/1989* | *COMPLETED - CASE CLOSED*			
SHELL OIL COMPANY # 204-5112-0917	430 E POTRERO GRANDE DR MONTEREY PARK CA 91754	SSW	0.33 / 1,767.56	59
	Global ID* | *Status Date* | *Status: *T10000000993* | *10/6/2011* | *COMPLETED - CASE CLOSED*			
SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER	1000 POTRERO GRANDE DRIVE EAST MONTEREY PARK CA 91755	E	0.38 / 2,028.49	61
	Global ID* | *Status Date* | *Status: *T10000004493* | *1/22/2019* | *COMPLETED - CASE CLOSED*			

DELISTED LST - Delisted Leaking Storage Tanks

A search of the DELISTED LST database, dated Nov 16, 2022 has found that there are 1 DELISTED LST site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Southern California Edison - Montebello Service Center	1000 Potrero Grande Drive East, Monterey Park, CA 91755 CA	E	0.38 / 2,028.49	61

UST - Permitted Underground Storage Tank (UST) in GeoTracker

A search of the UST database, dated Jan 17, 2023 has found that there are 2 UST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
1977 Saturn	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	1
	Facility ID: *LACoFA0024090* ***Tank ID No.* | *Tank Status* | *Tank Closure Date***: *#2* | *UST Removal* | *11/8/2018 12:00:00 AM, #3* | *UST Removal* | *11/8/2018 12:00:00 AM, #1* | *UST Removal* | *11/8/2018 12:00:00 AM*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNION BANK	1980 SATURN ST MONTEREY PARK CA 91755	SSW	0.01 / 58.48	3
	***Facility ID**: LACoFA0024092* ***Tank ID No. | Tank Status | Tank Closure Date**: 4 | Confirmed/Updated Information | , 1 | Confirmed/Updated Information |*			

UST CLOSURE - Proposed Closure of Underground Storage Tank Cases

A search of the UST CLOSURE database, dated May 5, 2021 has found that there are 1 UST CLOSURE site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Southern California Edison - Montebello Service Center	1000 Potrero Grande Drive East, Monterey Park, CA 91755 CA ***Claim Case No**: Case No. I-07315A*	E	0.38 / 2,028.49	61

HHSS - Historical Hazardous Substance Storage Information Database

A search of the HHSS database, dated Aug 27, 2015 has found that there are 2 HHSS site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES LANDFILL	900 POTRERO GRANDE DRIVE MONTEREY PARK CA 91754	ESE	0.16 / 834.70	21
MESA SUBSTATION	700 EAST POSTRERO GRANGE DR WILCOX MONTEREY PARK CA 91754	SE	0.21 / 1,105.17	43

UST SWEEPS - Statewide Environmental Evaluation and Planning System

A search of the UST SWEEPS database, dated Oct 1, 1994 has found that there are 4 UST SWEEPS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SANWA BANK	1977 SATURN ST MONTEREY PARK CA	NE	0.00 / 0.00	1
	***C C | Status**: A19-000-7311 | ACTIVE* ***Tank ID**: 000003, 000002, 000001*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNION BANK OPERATIONS CENTER	1980 SATURN ST MONTEREY PARK CA	SSW	0.01 / 58.48	3
	***C C | Status**: A19-000-8139 | ACTIVE* ***Tank ID**: 000001*			
ROSS NAME PLATE	2 RED PLUM MONTEREY PARK CA	WSW	0.11 / 603.73	16
	***C C | Status**: A19-000-7314 | ACTIVE* ***Tank ID**: 000001*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
SOUTHERN CALIFORNIA EDISON	700 E POTRERO GRANDE DR MONTEREY PARK CA ***C C | Status**: A19-000-12371 | ACTIVE* ***Tank ID**: 000001*	S	0.19 / 1,021.35	40

DELISTED TNK - Delisted Storage Tanks

A search of the DELISTED TNK database, dated Jan 17, 2023 has found that there are 3 DELISTED TNK site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SANWA BANK	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	1

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNION BANK OPERATIONS CENTER	1980 SATURN ST MONTEREY PARK CA 91755	SSW	0.01 / 58.48	3
SAN GABRIEL NURSERY	2015 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.24 / 1,280.84	54

CERS TANK - California Environmental Reporting System (CERS) Tanks

A search of the CERS TANK database, dated Jan 10, 2023 has found that there are 2 CERS TANK site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNION BANK	1980 SATURN ST MONTEREY PARK CA 91755 ***Site ID**: 404823*	SSW	0.01 / 58.48	3
SCE Mesa Substation	700 EAST POTRERO GRANDE DR MONTEREY PARK CA 91755 ***Site ID**: 155266*	SE	0.21 / 1,105.17	43

DELISTED CTNK - Delisted California Environmental Reporting System (CERS) Tanks

A search of the DELISTED CTNK database, dated Jan 10, 2023 has found that there are 2 DELISTED CTNK site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
1977 Saturn	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	1

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
2001 Saturn St	2001 SATURN ST MONTEREY PARK CA 91755	SW	0.04 / 189.30	6

HIST TANK - Historical Hazardous Substance Storage Container Information - Facility Summary

A search of the HIST TANK database, dated May 27, 1988 has found that there are 2 HIST TANK site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES LANDFILL	900 POTRERO GRANDE DRIVE MONTEREY PARK CA	ESE	0.16 / 834.70	21
MESA SUBSTATION	700 EAST POTRERO GRANGE DR MONTEREY PARK CA	SE	0.21 / 1,105.17	43

LUR - Site Mitigation and Brownfields Reuse Program Facility Sites with Land Use Restrictions

A search of the LUR database, dated Feb 6, 2023 has found that there are 1 LUR site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, INC. LANDFILL	900 POTRERO GRANDE DR MONTEREY PARK CA 91755	ESE	0.49 / 2,583.17	64
	***Estor/EPA ID	Cleanup Status**: 19490207	CERTIFIED / OPERATION & MAINTENANCE AS OF 8/2/2012*		

CALSITES - CALSITES Database

A search of the CALSITES database, dated May 1, 2004 has found that there are 1 CALSITES site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, INC. LANDFILL	900 POTRERO GRANDE DR MONTEREY PARK CA 91755	ESE	0.16 / 834.70	21

DELISTED COUNTY - Delisted County Records

A search of the DELISTED COUNTY database, dated Feb 28, 2023 has found that there are 1 DELISTED COUNTY site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, LANDFILL	900 N POTRERO GRANDE DR MONTEREY PARK CA 91754	ESE	0.16 / 834.70	21

County

SML LA - Los Angeles County - Site Mitigation List

A search of the SML LA database, dated May 26, 2021 has found that there are 3 SML LA site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SOUTHERN CAL. EDISON/MONTEBELO	1000 POTRERO GRANDE DR MONTEREY PARK CA 91754	E	0.33 / 1,748.13	58

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ALPHA PHOTONICS/LYLE OPTPELECTRONICS	2019 SATURN ST MONTEREY PARK CA 91754	SW	0.08 / 445.62	12
SAN GABRIEL NURSERY & FLORIST	2015 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.24 / 1,280.84	54

SWF LA COUNTY - Los Angeles County - Solid Waste Sites

A search of the SWF LA COUNTY database, dated Feb 14, 2023 has found that there are 1 SWF LA COUNTY site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Operating Industries, Inc.	900 Potrero Grande Drive, Monterey Park, CA 91754 Monterey Park CA ***Status**: Closed*	ESE	0.16 / 834.70	21

CUPA LA COUNTY - Los Angeles County - CUPA Program Records

A search of the CUPA LA COUNTY database, dated Mar 25, 2020 has found that there are 15 CUPA LA COUNTY site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
1977 SATURN	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	1
T-MOBILE WEST SITE ID#IE04996A	1970 SATURN ST MONTEREY PARK CA 91755	ESE	0.01 / 44.71	2
T-MOBILE WEST (SITE ID#IE05350D)	2001 S ORANGE AVE MONTEREY PARK CA 91755	NNE	0.09 / 491.74	13
POWER GRADE INC. - SCE MESA SUBSTATION PROJECT YARD	2110 MARKET PLACE DR MONTEREY PARK CA 91755	E	0.23 / 1,198.37	50

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNION BANK	1980 SATURN ST MONTEREY PARK CA 91755	SSW	0.01 / 58.48	3
UNION BANK	2001 SATURN ST MONTEREY PARK CA 91755	SW	0.04 / 189.30	6
LYTE OPTOELECTRONICS	2019 SATURN ST MONTEREY PARK CA 91755	SW	0.08 / 445.62	12
ROSS NAME PLATE COMPANY	2 RED PLUM CIR MONTEREY PARK CA 91755	WSW	0.11 / 603.73	16
CRA INTERNATIONAL INDUSTRIAL INC	521 ATLAS AVE MONTEREY PARK CA 91755	SW	0.16 / 837.07	22
METROPCS CALIFORNIA, LLC LA0289	1855 SATURN ST MONTEREY PARK CA 91754	E	0.17 / 914.42	27
MOON VALLEY NURSERY OF CALIFORNIA	2100 MARKET PLACE AVE MONTEREY PARK CA 91754	E	0.18 / 930.55	31
SPRINT NXTL SCE MESA SUB	700 E POTRERO GRANDE DR SPRNT MONTEREY PARK CA 91755	SSE	0.18 / 972.62	35
SPRINT NXTL POTRERO GRANDE	690 POTRERO GRANDE DR MONTEREY PARK CA 91755	SSE	0.19 / 978.50	37
SCE MESA SUBSTATION	700 E POTRERO GRANDE DR MONTEREY PARK CA 91754	S	0.19 / 1,021.35	40
SAN GABRIEL NURSERY/FLORIST	2015 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.24 / 1,280.84	54

HMS LA - Los Angeles County - HMS List

A search of the HMS LA database, dated Mar 1, 2023 has found that there are 12 HMS LA site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	1977 SATURN ST MONTEREY PARK CA 917557418	NE	0.00 / 0.00	1

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	3
	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	3
	2019 SATURN ST MONTEREY PARK CA 917557496	SW	0.08 / 445.62	12
	2 RED PLUM CIR MONTEREY PARK CA 917547486	WSW	0.11 / 603.73	16
	601 POTRERO GRANDE DR MONTEREY PARK CA 917557430	SSW	0.14 / 759.15	20
	521 ATLAS AVE MONTEREY PARK CA 91754	SW	0.16 / 837.07	22
	740 POTRERO GRANDE DR MONTEREY PARK CA 91754	SSE	0.17 / 893.33	26
	700 POTRERO GRANDE DR MONTEREY PARK CA 91754	SSE	0.18 / 972.62	35
	2 CORAL CIR MONTEREY PARK CA 91754	SW	0.23 / 1,191.68	48
	2 CORAL CIR MONTEREY PARK CA 91754	SW	0.23 / 1,191.68	48
	2015 POTRERO GRANDE DR MONTEREY PARK CA 917557414	E	0.24 / 1,280.84	54

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Aug 18, 2022 has found that there are 5 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BANK OF THE WEST	1977 SATURN ST MONTEREY PARK CA 91755 ***Registry ID**: 110065977090*	NE	0.00 / 0.00	1
EQUITY OFFICE	1977 SATURN ST MONTEREY PARK CA 91755 ***Registry ID**: 110070439637*	NE	0.00 / 0.00	1
UNITED CA BANK	1977 SATURN ST MONTEREY PARK CA 917540000 ***Registry ID**: 110018947773*	NE	0.00 / 0.00	1

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNION BANK	1980 SATURN ST MONTEREY PARK CA 91755 ***Registry ID**: 110066549079*	SSW	0.01 / 58.48	3
DANIEL ROSALES	1980 SATURN STREET MONTEREY PARK CA 91755 ***Registry ID**: 110070805844*	SSW	0.01 / 58.48	3

MRDS - Mineral Resource Data System

A search of the MRDS database, dated Mar 15, 2016 has found that there are 5 MRDS site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
MCCASLIN MATERIALS CO. PIT	LOS ANGELES COUNTY MONTEREY PARK CA 91755 ***Dep ID**: 10236616*	E	0.22 / 1,153.89	46
LA DECOMPOSED GRANITE CO	LOS ANGELES COUNTY MONTEBELLO CA 90640 ***Dep ID**: 10076834*	S	0.60 / 3,175.71	66
MONTEREY PARK GRANITE CO.	LOS ANGELES COUNTY MONTEREY PARK CA 91755 ***Dep ID**: 10285226*	WNW	0.80 / 4,217.38	68
TORRANCE BRICK CO.-MONTEREY PARK 2	LOS ANGELES COUNTY ROSEMEAD CA 91770 ***Dep ID**: 10261102*	NNE	0.95 / 5,005.16	69

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
L. A. DECOMPOSED GRANITE CO.	LOS ANGELES COUNTY MONTEBELLO CA 90640 ***Dep ID**: 10284932*	SSE	0.96 / 5,091.92	70

State

HWSS CLEANUP - Hazardous Waste and Substances Site List - Site Cleanup

A search of the HWSS CLEANUP database, dated Nov 2, 2022 has found that there are 1 HWSS CLEANUP site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, INC. LANDFILL	900 POTRERO GRANDE DR MONTEREY PARK CA 91755 ***Estor/EPA ID | Cleanup Status**: 19490207 | CERTIFIED / OPERATION & MAINTENANCE AS OF 8/2/2012*	ESE	0.49 / 2,583.17	64

HAZNET - Handlers from Hazardous Waste Manifest Data

A search of the HAZNET database, dated Oct 24, 2016 has found that there are 4 HAZNET site(s) within approximately 0.02 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNION BANK	1980 SATURN STREET MONTEREY PARK CA 91755	SSW	0.01 / 58.48	3
UNION BANK	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	3
1X UNION BANK	1980 SATURN ST MONTEREY PARK CA 917540000	SSW	0.01 / 58.48	3
UNION BANK OF CALIFORNIA	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	3

HAZ GEN - Generators from Hazardous Waste Manifest Data

A search of the HAZ GEN database, dated Dec 31, 2017 has found that there are 10 HAZ GEN site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BRE CA OFFICE OWNER LLC.	1977 SATURN STREET MONTEREY PARK CA 91754	NE	0.00 / 0.00	1
BANK OF THE WEST	1977 SATURN ST MONTEREY PARK CA 917557418	NE	0.00 / 0.00	1

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
JONES LANGE LASALLE	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	3
UNION BANK	1980 SATURN STREET MONTEREY PARK CA 91755	SSW	0.01 / 58.48	3
UNION BANK	1980 SATURN STREET MONTEREY PARK CA 91755	SSW	0.01 / 58.48	3
UNION BANK OF CALIFORNIA	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	3
UNION BANK	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	3
UNION BANK	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	3
UNION BANK	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	3
CBRE AGENT FOR UNION BANK	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	3

HIST MANIFEST - Historical Hazardous Waste Manifest Data

A search of the HIST MANIFEST database, dated Dec 31, 1992 has found that there are 3 HIST MANIFEST site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	1977 SATURN ST MONTEREY PARK CA 917557418	NE	0.00 / 0.00	1

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.01 / 58.48	3

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	1980 SATURN ST MONTEREY PARK CA 917540000	SSW	0.01 / 58.48	3

HIST CORTESE - Historical Cortese List

A search of the HIST CORTESE database, dated Nov 13, 2008 has found that there are 1 HIST CORTESE site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, INC. LANDFILL	900 POTRERO GRANDE DR MONTEREY PARK CA 91755	ESE	0.49 / 2,583.17	64

CERS HAZ - California Environmental Reporting System (CERS) Hazardous Waste Sites

A search of the CERS HAZ database, dated Feb 8, 2023 has found that there are 1 CERS HAZ site(s) within approximately 0.12 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROSS NAME PLATE COMPANY	2 RED PLUM CIR MONTEREY PARK CA 91755	WSW	0.11 / 603.73	16

DELISTED HAZ - Delisted Environmental Reporting System (CERS) Hazardous Waste Sites

A search of the DELISTED HAZ database, dated Nov 29, 2018 has found that there are 2 DELISTED HAZ site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Verizon Wireless: Greenwood	500 POTRERO GRANDE DR # VZ MONTEREY PARK CA 91755	SSW	0.27 / 1,408.57	55
Power Grade Inc. - SCE Mesa Substation Project	500 POTRERO GRANDE DR MONTEREY PARK CA 91755	SSW	0.27 / 1,408.57	55

GEOTRACKER - Sites in GeoTracker

A search of the GEOTRACKER database, dated Nov 16, 2022 has found that there are 1 GEOTRACKER site(s) within approximately 0.12 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BRE CA SATURN, LLC	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	1

WASTE DISCHG - Waste Discharge Requirements

A search of the WASTE DISCHG database, dated Nov 16, 2022 has found that there are 1 WASTE DISCHG site(s) within approximately 0.25 miles of the project property.

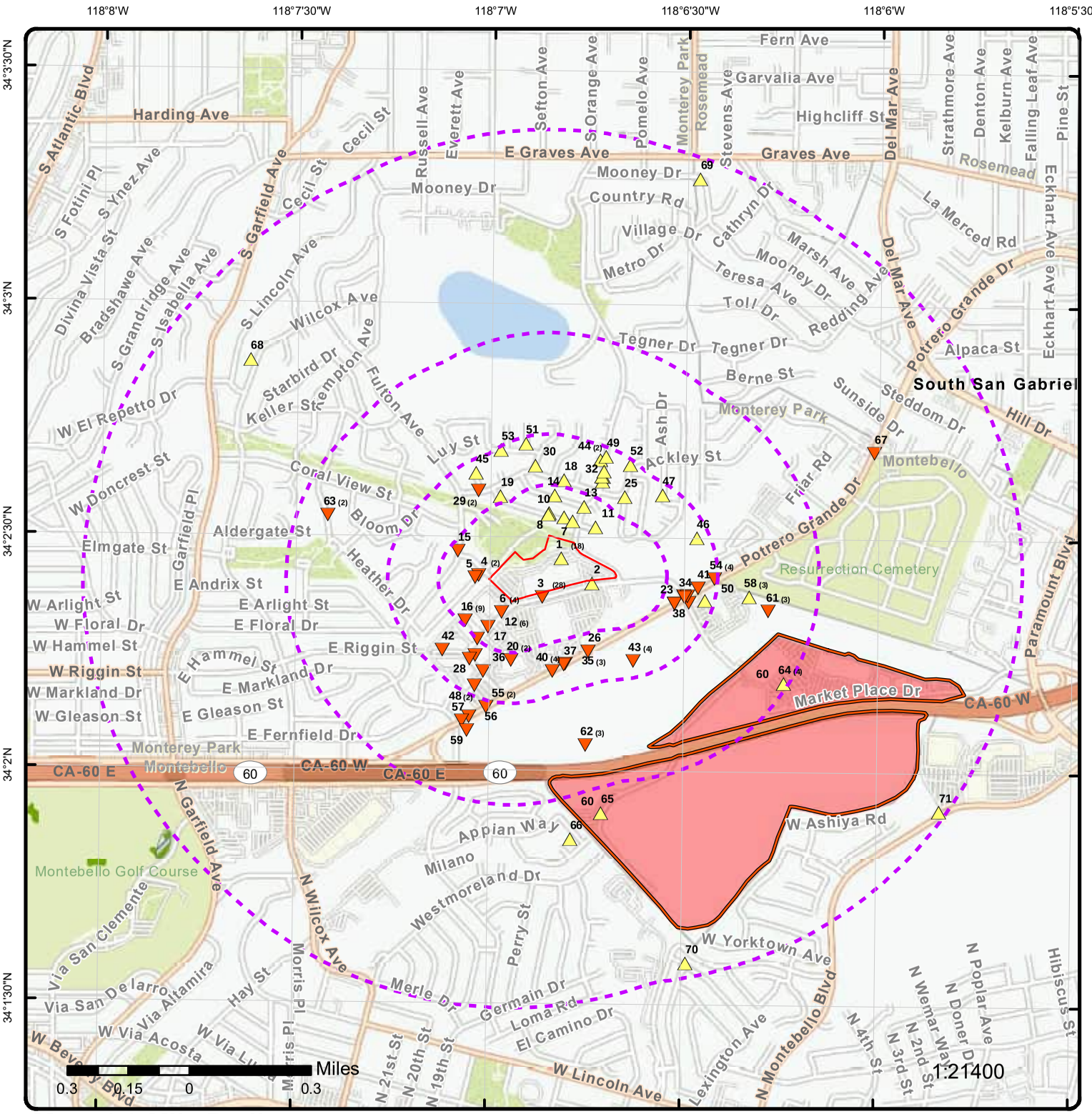
Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
METROPOLITAN WATER DISTRICT'S MIDDLE FEEDER SOUTH PIPELINE	700 POTRERO GRANDE DRIVE MONTEREY PARK CA 91755-7409	SSE	0.18 / 972.62	35

EMISSIONS - Toxic Pollutant Emissions Facilities

A search of the EMISSIONS database, dated Dec 31, 2020 has found that there are 9 EMISSIONS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SANWA BANK	1977 SATURN STREET MONTEREY PARK CA 91754	NE	0.00 / 0.00	1
SANWA BANK CALIFORNIA	1977 SATURN ST MONTEREY PARK CA 91754	NE	0.00 / 0.00	1

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNION BANK (VOLK CENTER)	1980 SATURN ST MONTEREY PARK CA 91754	SSW	0.01 / 58.48	3
ROSS NAME PLATE CO	2 RED PLUM CIRCLE MONTEREY PARK CA 91754	WSW	0.11 / 603.73	16
ROSS NAME PLATE CO	2 RED PLUM CIR MONTEREY PARK CA 91754	WSW	0.11 / 603.73	16
ROSS NAME PLATE CO	NUMBER TWO RED PLUM CIRCLE MONTEREY PARK CA 91754	WSW	0.11 / 603.73	16
GSF ENERGY, INC.	900-950 POTRERO GRANDE MONTEREY PARK CA	ESE	0.16 / 834.70	21
DYMENT LTD	521 ATLAS AVE MONTEREY PARK CA 91754	SW	0.16 / 837.07	22
ATLAS DISPLAY CO.	521 ATLAS AV MONTEREY PARK CA 91754	SW	0.19 / 978.09	36



Map: 1.0 Mile Radius

Order Number: 23031600529

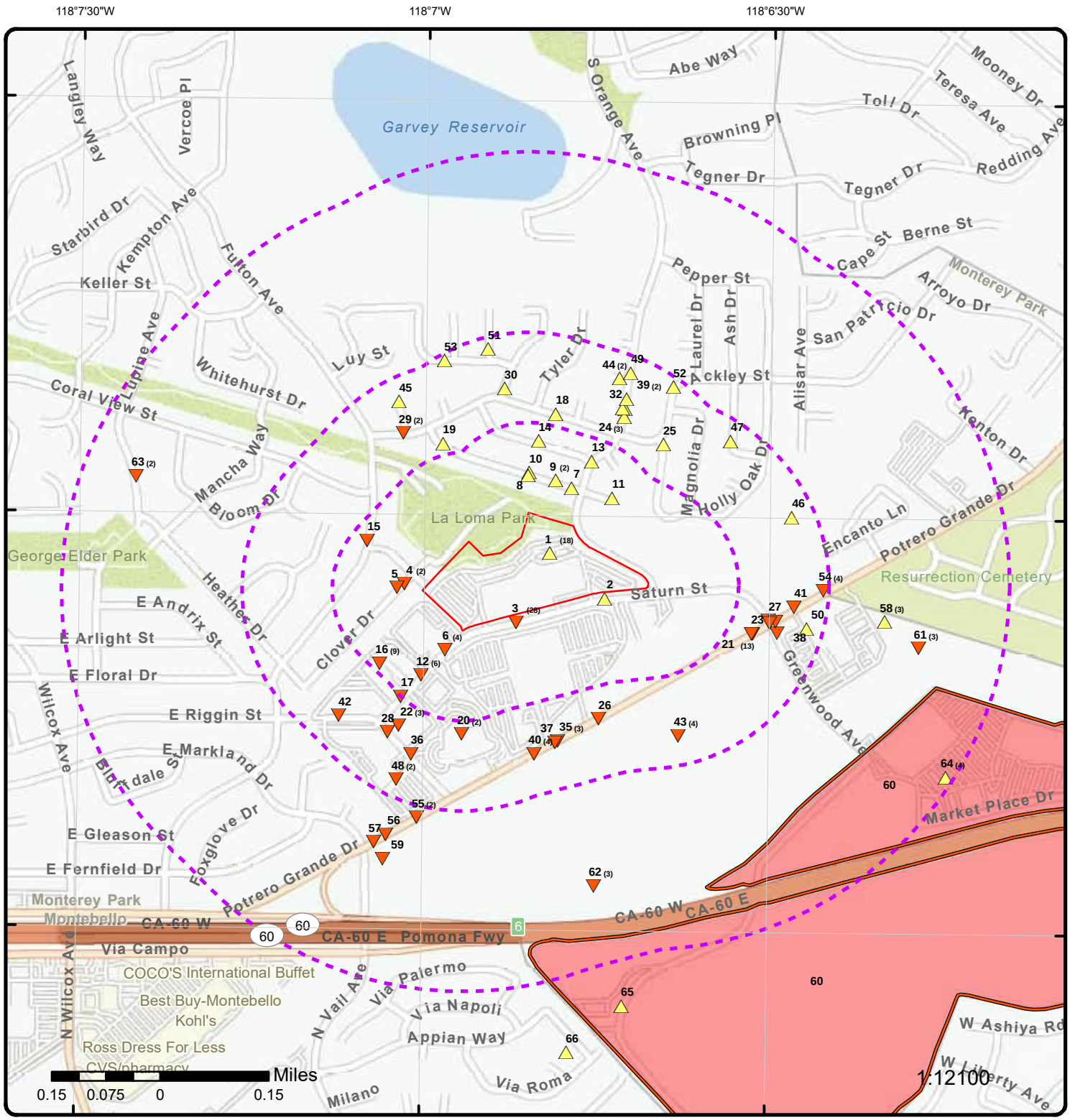
Address: 1977 Saturn Street, MONTEREY PARK, CA

ERIS

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

© ERIS Information Inc.



Map: 0.5 Mile Radius

Order Number: 23031600529

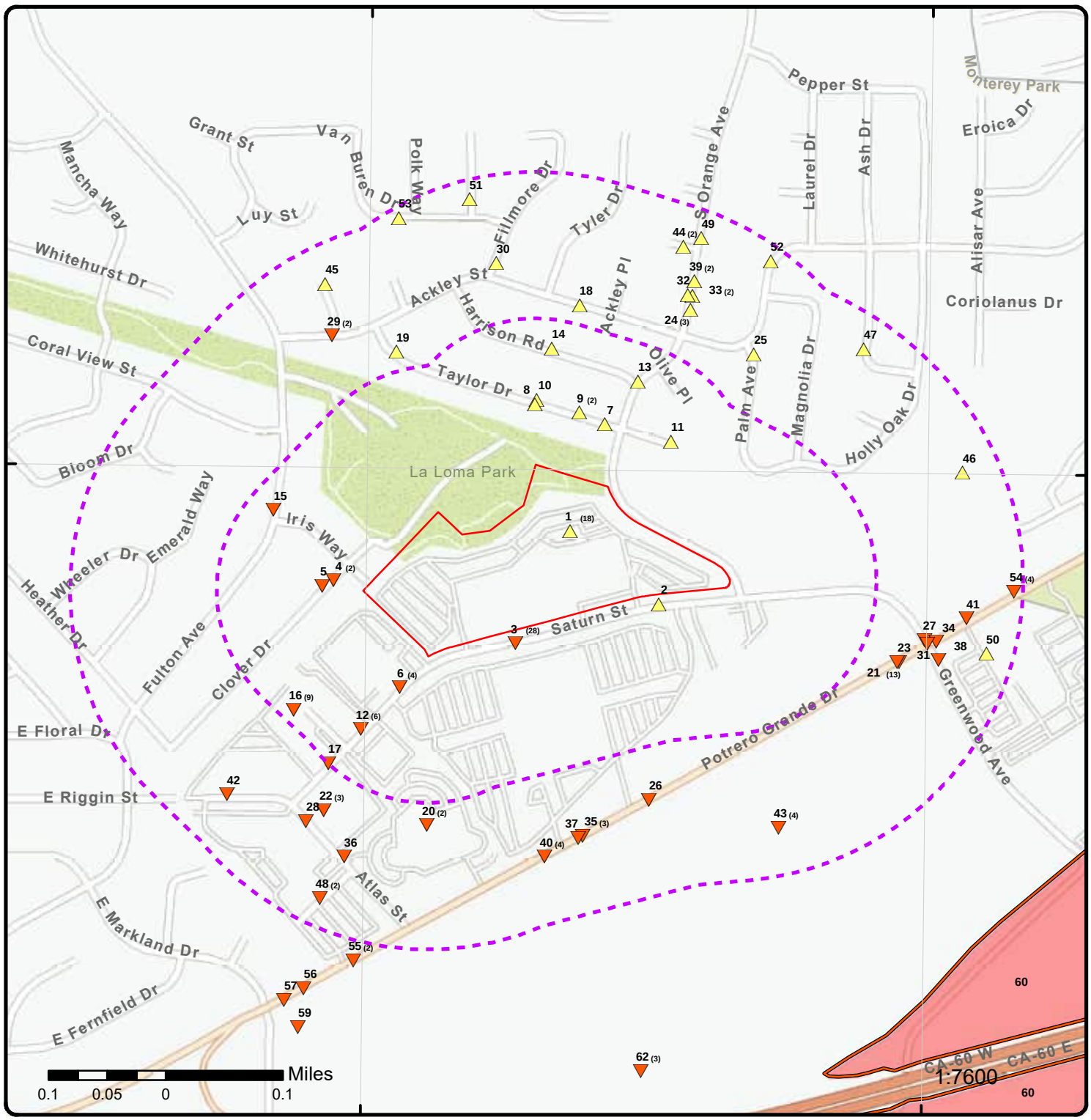
Address: 1977 Saturn Street, MONTEREY PARK, CA

ERIS

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

© ERIS Information Inc.



Map: 0.25 Mile Radius

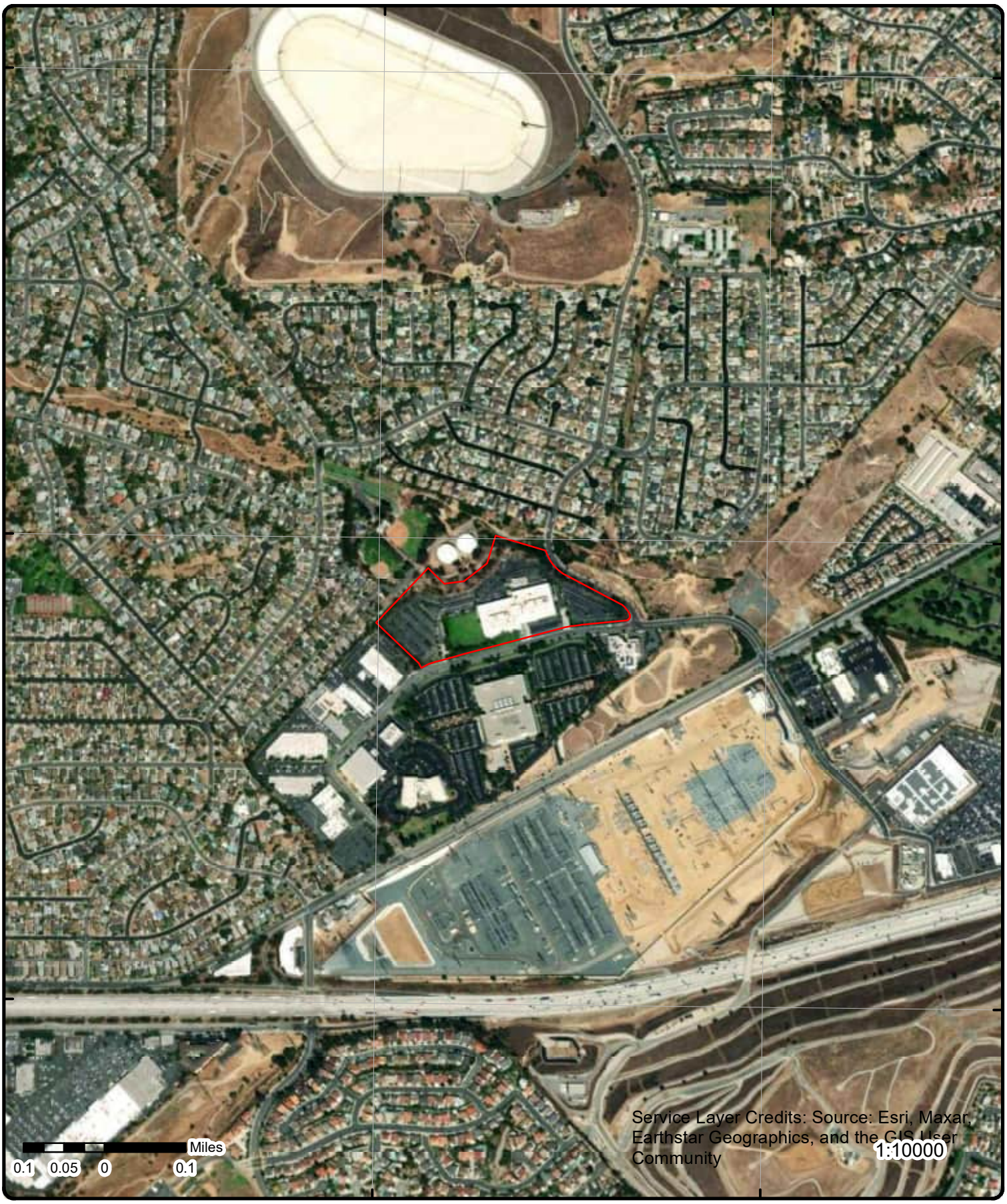
Order Number: 23031600529

Address: 1977 Saturn Street, MONTEREY PARK, CA

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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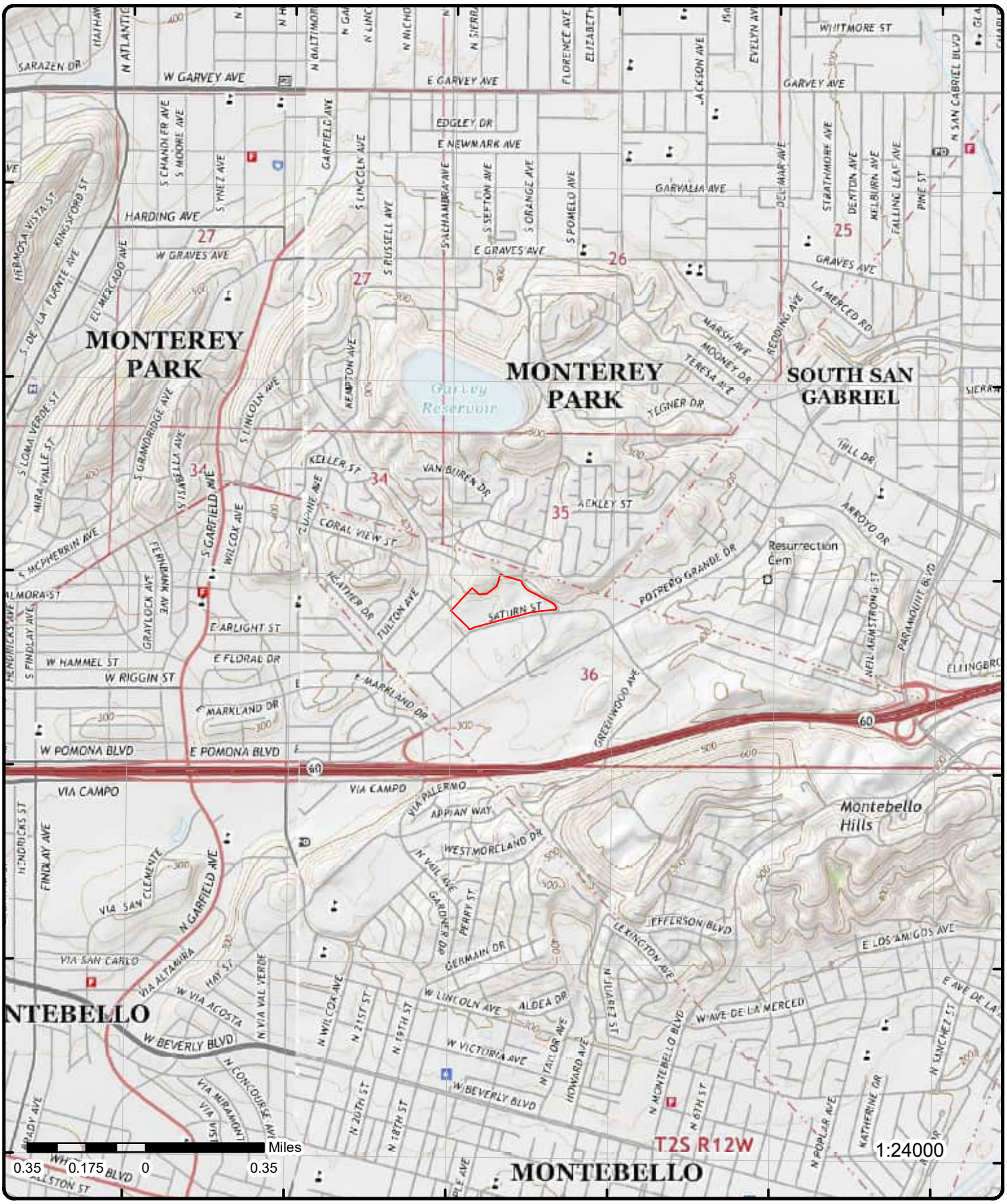
Aerial **Year: 2021**

Order Number: 23031600529

Address: 1977 Saturn Street, MONTEREY PARK, CA

Source: ESRI World Imagery

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Topographic Map

Year: 2018

Order Number: 23031600529

Address: 1977 Saturn Street, CA

Quadrangle(s): El Monte, CA; Los Angeles, CA

Source: USGS Topographic Map

© ERIS Information Inc.

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 18	NE	0.00 / 0.00	385.13 / 3	SANWA BANK CALIFORNIA 1977 SATURN ST MONTEREY PARK CA 91754	RCRA SQG

EPA Handler ID: CAD982463895
Gen Status Universe: Small Quantity Generator
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: 1977 SATURN ST , , MONTEREY PARK , CA, 91754 , US
Contact Phone No and Ext: 213-727-3264
Contact Email:
Contact Country: US
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 19890126
Location Latitude: 34.039796
Location Longitude: -118.113283

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19890126
Handler Name: SANWA BANK CALIFORNIA
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19910628

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Name: SANWA BANK CALIFORNIA
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	NOT REQUIRED
Name:	SANWA BANK CALIFORNIA	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	ME
Phone:	415-555-1212	**Country:**	
Source Type:	Notification	**Zip Code:**	99999

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	NOT REQUIRED
Name:	NOT REQUIRED	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	ME
Phone:	415-555-1212	**Country:**	
Source Type:	Notification	**Zip Code:**	99999

Historical Handler Details

Receive Dt: 19910628
Generator Code Description: Large Quantity Generator
Handler Name: SANWA BANK CALIFORNIA

1	2 of 18	NE	0.00 / 0.00	385.13 / 3	**UNITED CA BANK** **1977 SATURN ST** **MONTEREY PARK CA 917540000**	FINDS/FRS

Registry ID: 110018947773
FIPS Code: 06037
HUC Code: 18070105
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 18-NOV-04
Update Date: 06-AUG-10
Interest Types: SQG, STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 32
Census Block Code: 060374828001007
EPA Region Code: 09
County Name: LOS ANGELES
US/Mexico Border Ind:
Latitude: 34.03972
Longitude: -118.11357
Reference Point: CENTER OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 30
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110018947773
Data Source: Facility Registry Service - Single File
Program Acronyms:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

HWTS-DATAMART:CAD982463895, RCRAINFO:CAD982463895

1	3 of 18	NE	0.00 / 0.00	385.13 / 3	1977 SATURN ST MONTEREY PARK CA 917557418	HMS LA

Site No: 006994
Area: 3M

Detail Info

Permit No: 00005594T
Permit Status: Permit Closed
Permit Category: Underground Storage Tank
Permit Type: Underground Storage Tank Operating Permit
Status: Permit Closed
File No: 007311
File Name: BANK OF THE WEST

Detail Info

Permit No: 000009804
Permit Status: Permit Closed
Permit Category: Industrial Waste Permit
Permit Type: Operating Industrial Waste Permit - Local Sewer
Status: Permit Closed
File No: I07311
File Name: BANK OF THE WEST

Detail Info

Permit No: 000892942
Permit Status: Equipment Removed
Permit Category: Underground Storage Tank
Permit Type: Underground Storage Tank Operating Permit
Status: Equipment Removed
File No: 065226
File Name: BRE CA SATURN LLC

Detail Info

Permit No: 000009805
Permit Status: Equipment Removed
Permit Category: Industrial Waste Permit
Permit Type: Operating Industrial Waste Permit - Local Sewer
Status: Permit Closed
File No: I07311
File Name: BANK OF THE WEST

Detail Info

Permit No: 000842830
Permit Status: Permit Closed
Permit Category: Underground Storage Tank
Permit Type: Underground Storage Tank Operating Permit
Status: Permit Closed
File No: 062151
File Name: 1977 SATURN

Detail Info

Permit No: 000895772
Permit Status: Equipment Permitted
Permit Category: Industrial Waste Permit
Permit Type: Operating Industrial Waste Permit - Local Sewer
Status: Equipment Permitted
File No: 065372
File Name: 1977 SATURN STREET

1	4 of 18	NE	0.00 / 0.00	385.13 / 3	SANWA BANK 1977 SATURN ST MONTEREY PARK CA 91755	DELISTED TNK

Delisted Storage Tanks

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID: 7311
Latitude: 34.0417424
Longitude: -118.1127315
Permitting Agency: LOS ANGELES COUNTY
County: Los Angeles
Original Source: UST
Record Date: 30-JAN-2017

1	5 of 18	NE	0.00 / 0.00	385.13 / 3	1977 SATURN ST MONTEREY PARK CA 917557418	HIST MANIFEST

Gen EPA ID: CAD982463895
Create Date: 6/15/1989 0:00:00
Inact Date:
Facility Mail Street: 1977 SATURN ST
Facility Mail City: MONTEREY PARK
Facility Mail State: CA
Facility Mail Zip: 917557418
Contact Phone(s): 3237273017
File Year(s): 1989; 1990; 1991; 1992
Contact Name(s): TRINIDAD STELLA

Tanner Information

State Waste Code: 541
Year: 1989
Tons: 1.12
Method Code: 1
State Waste Code Desc: Photochemicals/photoprocessing waste
Method Description:
Generator County: Los Angeles
Tsd Epa ID: CAD982524613
Tsd County: Orange

Tanner Information

State Waste Code: 151
Year: 1991
Tons: 0.84
Method Code: D80
State Waste Code Desc: Asbestos containing waste
Method Description:
Generator County: Los Angeles
Tsd Epa ID: CAD067786749
Tsd County: Los Angeles

Tanner Information

State Waste Code: 541
Year: 1989
Tons: 1.57
Method Code: R01
State Waste Code Desc: Photochemicals/photoprocessing waste
Method Description:
Generator County: Los Angeles
Tsd Epa ID: CAD982524613
Tsd County: Orange

Tanner Information

State Waste Code: 611
Year: 1990
Tons: 0.15
Method Code: H01
State Waste Code Desc: Contaminated soil from site clean-up
Method Description:
Generator County: Los Angeles
Tsd Epa ID: CAD980884183
Tsd County: Sacramento

Tanner Information

State Waste Code: 541
Year: 1989
Tons: 5.88
Method Code: R01
Generator County: Los Angeles
Tsd Epa ID: CAD981449689
Tsd County: Orange

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

State Waste Code Desc: Photochemicals/photoprocessing waste
Method Description:

Tanner Information

State Waste Code: 541
Year: 1990
Tons: 4.8
Method Code: R01
State Waste Code Desc: Photochemicals/photoprocessing waste
Method Description:
Generator County: Los Angeles
Tsd Epa ID: CAD982524613
Tsd County: Orange

Tanner Information

State Waste Code: 541
Year: 1992
Tons: 2.58
Method Code: R01
State Waste Code Desc: Photochemicals/photoprocessing waste
Method Description:
Generator County: Los Angeles
Tsd Epa ID: CAD982524613
Tsd County: Orange

Tanner Information

State Waste Code: 541
Year: 1991
Tons: 8.52
Method Code: R01
State Waste Code Desc: Photochemicals/photoprocessing waste
Method Description:
Generator County: Los Angeles
Tsd Epa ID: CAD982524613
Tsd County: Orange

1	6 of 18	NE	0.00 / 0.00	385.13 / 3	BANK OF THE WEST 1977 SATURN ST MONTEREY PARK CA 91755	FINDS/FRS

Registry ID: 110065977090
FIPS Code:
HUC Code: 18070105
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 14-OCT-15
Update Date:
Interest Types: STATE MASTER
SIC Codes: 6021
SIC Code Descriptions: NATIONAL COMMERCIAL BANKS
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 32
Census Block Code: 060374828001006
EPA Region Code: 09
County Name: LOS ANGELES
US/Mexico Border Ind:
Latitude: 34.04053
Longitude: -118.11385
Reference Point: CENTER OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 30
Datum: NAD83
Source:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110065977090
Data Source: Facility Registry Service - Single File
Program Acronyms:

CA-ENVIROVIEW:10890

1	7 of 18	NE	0.00 / 0.00	385.13 / 3	1977 Saturn 1977 SATURN ST MONTEREY PARK CA 91755	UST

Facility ID: LACoFA0024090
CERS ID: 10268983
County: Los Angeles
Latitude: 34.04046
Longitude: -118.11416
Permitting Agency: Los Angeles County Fire Department
Site Facility Type: PERMITTED UNDERGROUND STORAGE TANK (UST)
Note: Information related to facilities can be searched on Geo Tracker Website: https://geotracker.waterboards.ca.gov/search

Tank Details

Epa Region: 9
No. of Closed UST: 3
No. of Inuse UST:
No. of Oos UST: 0
Owner Type: Non-Government
Tank ID No.: #2
Tank Status: UST Removal
Tank Type: Single Wall
Tank Alarms: No
Tank Ball Float: No
Tank Operator Name: George Bryant Construction
Tank Operator Mail Address: 9333 Golden St.
Tank Operator Mail City: Alta Loma
Tank Operator Mail State: CA
Tank Operator Mail Zip: 91737
Tank Owner Name: BRE CA Saturn LLC
Tank Owner Mailing Address: 801 N. Brand Ave, Suite 220
Tank Owner Mailing City: Glendale
Tank Owner Mailing State: CA
Tank Owner Mailing Zip: 91203
Tank Capacity Gallons: 10000
Tank Piping Construction: Other
Tank Piping Type: Conventional Suction
Tank Pw Piping Construction: Fiberglass
Tank Sacrificial Anode: No
Tank Closure Date: 11/8/2018 12:00:00 AM
Tank Configuration: Stand Alone Tank
Tank Contents: Diesel
Tank Cp Impr Curr: No
Tank Cp Shutoff: Yes
Tank Installatn Dt: 1/1/1980 12:00:00 AM
Tank No of Compart: 1
Tank Pc Constructn: Fiberglass
Tank Spill Bucket: Yes
Tank Tribal Lands: No

Tank Details

Epa Region: 9
No. of Closed UST: 3
No. of Inuse UST:
No. of Oos UST: 0
Owner Type: Non-Government
Tank ID No.: #3
Tank Status: UST Removal
Tank Type: Single Wall
Tank Alarms: No
Tank Ball Float: No
Tank Operator Name: George Bryant Construction
Tank Operator Mail Address: 9333 Golden St.
Tank Operator Mail City: Alta Loma
Tank Operator Mail State: CA
Tank Operator Mail Zip: 91737
Tank Owner Name: BRE CA Saturn LLC
Tank Closure Date: 11/8/2018 12:00:00 AM
Tank Configuration: Stand Alone Tank
Tank Contents: Diesel
Tank Cp Impr Curr: No
Tank Cp Shutoff: Yes
Tank Installatn Dt: 1/1/1980 12:00:00 AM
Tank No of Compart: 1
Tank Pc Constructn: Fiberglass
Tank Spill Bucket: Yes
Tank Tribal Lands: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tank Owner Mailing Address: 801 N. Brand Ave, Suite 220
Tank Owner Mailing City: Glendale
Tank Owner Mailing State: CA
Tank Owner Mailing Zip: 91203
Tank Capacity Gallons: 10000
Tank Piping Construction: Other
Tank Piping Type: Conventional Suction
Tank Pw Piping Construction: Fiberglass
Tank Sacrificial Anode: No

Tank Details

Epa Region: 9
No. of Closed UST: 3
No. of Inuse UST:
No. of Oos UST: 0
Owner Type: Non-Government
Tank ID No.: #1
Tank Status: UST Removal
Tank Type: Double Wall
Tank Alarms: Yes
Tank Ball Float: No
Tank Operator Name: George Bryant Construction
Tank Operator Mail Address: 9333 Golden St.
Tank Operator Mail City: Alta Loma
Tank Operator Mail State: CA
Tank Operator Mail Zip: 91737
Tank Owner Name: BRE CA Saturn LLC
Tank Owner Mailing Address: 801 N. Brand Ave, Suite 220
Tank Owner Mailing City: Glendale
Tank Owner Mailing State: CA
Tank Owner Mailing Zip: 91203
Tank Capacity Gallons: 2000
Tank Piping Construction: Other
Tank Piping Type: Conventional Suction
Tank Pw Piping Construction: Fiberglass
Tank Sacrificial Anode: No

Tank Closure Date: 11/8/2018 12:00:00 AM
Tank Configuration: Stand Alone Tank
Tank Contents: Diesel
Tank Cp Impr Curr: No
Tank Cp Shutoff: Yes
Tank Installatn Dt: 8/1/1991 12:00:00 AM
Tank No of Compart: 1
Tank Pc Constructn: Steel + Internal Lining
Tank Spill Bucket: Yes
Tank Tribal Lands: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	8 of 18	NE	0.00 / 0.00	385.13 / 3	SANWA BANK CALIFORNIA 1977 SATURN ST MONTEREY PARK CA 91754	EMISSIONS

1993 Criteria Data

Facility ID: 63620
Facility SIC Code: 6021
CO: 19
Air Basin: SC
District: SC
COID: LA
DISN: SOUTH COAST AQMD
CHAPIS:

CERR Code:
TOGT: .4
ROGT: .3
COT: 0
NOXT: .1
SOXT: 0
PMT: 0
PM10T: 0

1993 Toxic Data

Facility ID: 63620
Facility SIC Code: 6021
CO: 19
Air Basin: SC
District: SC
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:

COID: LA
DISN: SOUTH COAST AQMD
CHAPIS:
CERR Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Non-Cancer Acute Haz Ind:

1995 Criteria Data

Facility ID:	63620	***CERR Code:***	
Facility SIC Code:	6021	***TOGT:***	.4
CO:	19	***ROGT:***	.3
Air Basin:	SC	***COT:***	0
District:	SC	***NOXT:***	.1
COID:	LA	***SOXT:***	0
DISN:	SOUTH COAST AQMD	***PMT:***	0
CHAPIS:		***PM10T:***	0

1995 Toxic Data

Facility ID:	63620	***COID:***	LA
Facility SIC Code:	6021	***DISN:***	SOUTH COAST AQMD
CO:	19	***CHAPIS:***	
Air Basin:	SC	***CERR Code:***	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1	***9 of 18***	***NE***	***0.00 / 0.00***	***385.13 / 3***	***SANWA BANK 1977 SATURN STREET MONTEREY PARK CA 91754***	***EMISSIONS***

1990 Criteria Data

Facility ID:	63620	***CERR Code:***	
Facility SIC Code:	6021	***TOGT:***	0
CO:	19	***ROGT:***	0
Air Basin:	SC	***COT:***	.1
District:	SC	***NOXT:***	.5
COID:	LA	***SOXT:***	0
DISN:	SOUTH COAST AQMD	***PMT:***	0
CHAPIS:		***PM10T:***	0

1990 Toxic Data

Facility ID:	63620	***COID:***	LA
Facility SIC Code:	6021	***DISN:***	SOUTH COAST AQMD
CO:	19	***CHAPIS:***	
Air Basin:	SC	***CERR Code:***	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1	***10 of 18***	***NE***	***0.00 / 0.00***	***385.13 / 3***	***1977 Saturn 1977 SATURN ST MONTEREY PARK CA 91755***	***DELISTED CTNK***

Site ID:	10890	***Latitude:***	34.040462
County:		***Longitude:***	-118.114159
Tank Type:			
Original Source:	CTNK		
Record Date:	19-AUG-2019		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	11 of 18	NE	0.00 / 0.00	385.13 / 3	EQUITY OFFICE 1977 SATURN ST MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC002986628
Gen Status Universe: No Report
Contact Name: ROBERT DEL HIERRO
Contact Address: 1977 SATURN ST , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 323-430-7081
Contact Email: RDELHIERRO@EQOFFICE.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20181026
Location Latitude: 34.039802
Location Longitude: -118.113386

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20181026
Handler Name: EQUITY OFFICE
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: ROBERT DEL HIERRO
Date Became Current:
Date Ended Current:
Phone: 323-430-7081
Source Type: Implementer
Street No:
Street 1: 1977 SATURN ST
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Owner
Street No:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Type:	Other	**Street 1:**	1977 SATURN ST
Name:	EQUITY OFFICE	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	323-430-7081	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

1	12 of 18	NE	0.00 / 0.00	385.13 / 3	EQUITY OFFICE 1977 SATURN ST MONTEREY PARK CA 91755	FINDS/FRS

Registry ID:	110070439637
FIPS Code:	06037
HUC Code:	18070105
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	31-DEC-18
Update Date:	
Interest Types:	OTHER HAZARDOUS WASTE ACTIVITIES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	RCRAINFO
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	32
Census Block Code:	060374828001006
EPA Region Code:	09
County Name:	LOS ANGELES
US/Mexico Border Ind:	
Latitude:	34.039802
Longitude:	-118.113386
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Coord Collection Method:	GDT-ADDRESS MATCHING (GEOCODING)
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070439637
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

RCRAINFO:CAC002986628

1	13 of 18	NE	0.00 / 0.00	385.13 / 3	1977 SATURN 1977 SATURN ST MONTEREY PARK CA 91755	CUPA LA COUNTY

Facility ID:	FA0024090
CERS ID:	10268983

Inactive Facility Details

PE:	1001
PE:	7124
PE:	3002

1	14 of 18	NE	0.00 /	385.13 /	SANWA BANK	UST SWEEPS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
			0.00	3	1977 SATURN ST MONTEREY PARK CA	

C C:	A19-000-7311	**D Filename:**	SITE04A
BOE:	44-008189	**Page No:**	471
Comp:	7311	**County:**	LOS ANGELES
Status:	ACTIVE	**State :**	CA
No of Tanks:	3	**Zip:**	91754
Jurisdict:	LOS ANGELES COUNTY	**Latitude:**	34.03972
Agency:	WASTE MANAGEMENT DEPARTMENT	**Longitude:**	-118.112366
Phone:		**Georesult:**	S5HPNTSC-A

Tank Details

Tank ID:	000003	**S Contain:**	
O Tank ID:	TK3-ELUTRON	**Stg:**	P
SWRCB No:	19-000-007311-000003	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:	01-30-92	**Content:**	
Capac:	2000	**ONA:**	
Tank Use:	PETROLEUM	**D File Name:**	TANK4A

Tank Details

Tank ID:	000002	**S Contain:**	
O Tank ID:		**Stg:**	W
SWRCB No:	19-000-007311-000002	**Storage :**	
Removed:		**Storag Type:**	WASTE
Installed:		**P Contain:**	
A Date:	06-30-89	**Content:**	
Capac:		**ONA:**	
Tank Use:	UNKNOWN	**D File Name:**	TANK4A

Tank Details

Tank ID:	000001	**S Contain:**	
O Tank ID:		**Stg:**	W
SWRCB No:	19-000-007311-000001	**Storage :**	
Removed:		**Storag Type:**	WASTE
Installed:		**P Contain:**	
A Date:	06-30-89	**Content:**	
Capac:	UNKNOWN	**ONA:**	
Tank Use:	UNKNOWN	**D File Name:**	TANK4A

1	15 of 18	NE	0.00 / 0.00	385.13 / 3	BRE CA SATURN, LLC 1977 SATURN ST MONTEREY PARK CA 91755	LUST

Global ID:	T10000018576	**Census Tract:**	6037482800
Status Date:		**Match Key:**	T10000018576
Case Type:	LUST CLEANUP SITE	**County:**	LOS ANGELES
Oil Field:		**Latitude:**	
Oil Field Operator:		**Longitude:**	
Status:	OPEN - INACTIVE		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type:	Regional Board Caseworker
Contact Name:	ANN B. LIN
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH STREET, SUITE 200
City:	LOS ANGELES

Email: alin@waterboards.ca.gov
Phone No:

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: BRE CA SATURN, LLC
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - INACTIVE
Address: 1977 SATURN ST
City: MONTEREY PARK
Zip: 91755
County: LOS ANGELES
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000018576
Cleanup Status Detail: INFORMATIONAL ITEM / REVIEW COMPLETE AS OF 6/28/2022
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000018576&tabname=regulatoryhistory
Potential COC: NONE SPECIFIED
Potential Media of Concern: NONE SPECIFIED
File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
DWR GW Sub Basin:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: R-65226
CASEWORKER: ANN B. LIN
CUF Claim:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File:
WDR Order:
Project Oversight Agencies:
Facility Type:
Composting Method:
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Open - Inactive
Date : 2/11/2022

Status: Informational Item / Review Complete
Date : 6/28/2022

Status: Open - Case Begin Date
Date : 4/27/2020

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 6/28/2022
Received Issue Date: 6/28/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000018576&enforcement_id=6498539&temptable=ENFORCEMENT
Title Description Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Non-case Determination

Action Type: Referral to Other Agency
Action: Referral to Regional Board
Action Date: 4/27/2020
Received Issue Date: 4/27/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000018576&enforcement_id=6487275&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Leak Action
Action: Leak Began
Action Date: 4/27/2020
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 4/27/2020
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 4/27/2020
Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 6/28/2022
Type: STAFF LETTER ***Submitted:***
Submitted By: NHAN BAO (REGULATOR)
Title: NON-CASE DETERMINATION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000018576&enforcement_id=6498539

Document Type: Site Documents ***Document Date:*** 4/27/2020
Type: REFERRAL TO REGIONAL BOARD ***Submitted:***
Submitted By: MARIA BAMBICO (REGULATOR)
Title: REFERRAL TO REGIONAL BOARD **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000018576&enforcement_id=6487275

1	***16 of 18***	***NE***	***0.00 / 0.00***	***385.13 / 3***	***BRE CA OFFICE OWNER LLC.*** ***1977 SATURN STREET*** ***MONTEREY PARK CA 91754***	***HAZ GEN***

Epa ID: CAC002886409 ***Facility County:*** 19
Address 2: ***County:*** Los Angeles
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002886409

1	***17 of 18***	***NE***	***0.00 / 0.00***	***385.13 / 3***	***BANK OF THE WEST*** ***1977 SATURN ST*** ***MONTEREY PARK CA 917557418***	***HAZ GEN***

Epa ID: CAD982463895 ***Facility County:*** 19

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Address 2: **County:** Los Angeles
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAD982463895

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	18 of 18	NE	0.00 / 0.00	385.13 / 3	BRE CA SATURN, LLC 1977 SATURN ST MONTEREY PARK CA 91755	GEOTRACKER

Global ID: T10000018576
County: LOS ANGELES
Status Date: 6/28/2022
Status: INFORMATIONAL ITEM / REVIEW COMPLETE
Site Facility Type: NON-CASE INFORMATION
Latitude: 34.04089
Longitude: -118.11359

Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: R-65226
Local Case No:
Begin Date: 2020-04-27 00:00:00
Lead Agency: LOS ANGELES RWQCB (REGION 4)
CUF Case: NO
Local Agency:
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC:
How Discovered:
Stop Method:
Stop Description:
Case Worker: ABL
Military DoD Site: No
Leak Reported Dt: 2020-04-27 00:00:00
No Further Action Dt:
Potential Media of Concern:
How Discovered Description:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name:
Disadvantaged Community:
Coordinate Source:
Discharge Cause: Unknown
Discharge Source: Other
Facility Project Sub Type:
Calenviroscreen 3 Score: 71-75%
Calenviroscreen 4 Score: 60-65%
File Location:
Site History:

Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action: Staff Letter
Action Type: ENFORCEMENT
Date : 2022-06-28 00:00:00

Action: Referral to Regional Board
Action Type: ENFORCEMENT
Date : 2020-04-27 00:00:00

Action: Leak Reported
Action Type: Other
Date : 2020-04-27 00:00:00

Action: Leak Began
Action Type: Other

Date : 2020-04-27 00:00:00

Action: Leak Discovery
Action Type: Other
Date : 2020-04-27 00:00:00

Sites from GeoTracker Cleanup Sites Data Download - Status History (as of Oct 17, 2022)

Status: Informational Item / Review Complete
Status Date: 2022-06-28 00:00:00

Status: Open - Case Begin Date
Status Date: 2020-04-27 00:00:00

Status: Open - Inactive
Status Date: 2022-02-11 00:00:00

Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: ANN B. LIN
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH STREET, SUITE 200
City: LOS ANGELES
Email: alin@waterboards.ca.gov
Phone No:

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 6/28/2022
Received Issue Date: 6/28/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000018576&enforcement_id=6498539&temptable=ENFORCEMENT
Title Description Comments:

Non-case Determination **Note: Many records provided by the department have a truncated [Title Description Comments] field.

Action Type: Referral to Other Agency
Action: Referral to Regional Board
Action Date: 4/27/2020
Received Issue Date: 4/27/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000018576&enforcement_id=6487275&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Leak Action
Action: Leak Began
Action Date: 4/27/2020
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 4/27/2020
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action: Leak Reported
Action Date: 4/27/2020
Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Title: NON-CASE DETERMINATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000018576&enforcement_id=6498539
Type: STAFF LETTER
Submitted:
Submitted By: NHAN BAO (REGULATOR)
Document Type: Site Documents
Document Date: 6/28/2022
Size :

Title: REFERRAL TO REGIONAL BOARD
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000018576&enforcement_id=6487275
Type: REFERRAL TO REGIONAL BOARD
Submitted:
Submitted By: MARIA BAMBICO (REGULATOR)
Document Type: Site Documents
Document Date: 4/27/2020
Size :

Sites from GeoTracker Search - Cleanup Status History

Status: Open - Inactive
Date : 2/11/2022

Status: Open - Case Begin Date
Date : 4/27/2020

Status: Informational Item / Review Complete
Date : 6/28/2022

2	1 of 1	ESE	0.01 / 44.71	386.82 / 5	T-MOBILE WEST SITE ID#IE04996A 1970 SATURN ST MONTEREY PARK CA 91755	CUPA LA COUNTY

Facility ID: FA0041161
CERS ID: 0

Inactive Facility Details

PE: 3000

3	1 of 28	SSW	0.01 / 58.48	349.22 / -33	UNION BANK OPERATIONS CENTER 1980 SATURN ST MONTEREY PARK CA 91755	DELISTED TNK

Delisted Storage Tanks

Facility ID: 8139
Latitude: 34.039663
Longitude: -118.11256
Permitting Agency: LOS ANGELES COUNTY
County: Los Angeles
Original Source: UST
Record Date: 30-JAN-2017

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	2 of 28	SSW	0.01 / 58.48	349.22 / -33	1980 SATURN ST MONTEREY PARK CA 917557417	HMS LA

Site No: 009094
Area: 3M

Detail Info

Permit No: 00001066T
Permit Status: Equipment Permitted
Permit Category: Underground Storage Tank
Permit Type: Underground Storage Tank Operating Permit
Status: Equipment Permitted
File No: 008139
File Name: UNION BANK OPERATIONS CENTER

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	3 of 28	SSW	0.01 / 58.48	349.22 / -33	1980 SATURN ST MONTEREY PARK CA 917557417	HMS LA

Site No: 007708
Area: 3M

Detail Info

Permit No: 000008923
Permit Status: Equipment Permitted
Permit Category: Industrial Waste Permit
Permit Type: Operating Industrial Waste Permit - Local Sewer
Status: Equipment Permitted
File No: I08139
File Name: UNION BANK OPERATIONS CENTER

Detail Info

Permit No: 00008924C
Permit Status: Equipment Permitted
Permit Category: Industrial Waste Permit
Permit Type: Operating Industrial Waste Permit - Local Sewer
Status: Equipment Permitted
File No: I08139
File Name: UNION BANK OPERATIONS CENTER

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	4 of 28	SSW	0.01 / 58.48	349.22 / -33	UNION BANK OF CALIFORNIA 1980 SATURN ST MONTEREY PARK CA 917557417	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAC002624712
Create Date: 12/7/2007
Fac Act Ind: No
Inact Date: 6/5/2008
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: 1980 SATURN ST
Mailing Addr 2:
Owner Fax:
Mailing City: MONTEREY PARK
Mailing State: CA
Mailing Zip: 917557417
Region Code: 3
Owner Name: UNION BANK OF CALIFORNIA
Owner Addr 1: 1980 SATURN ST
Owner Addr 2:
Owner City: MONTEREY PARK
Owner State: CA
Owner Zip: 917557417
Owner Phone: 3232786147
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
DTSC Handler Profile url: https://hwts.dtsc.ca.gov/facility/CAC002624712

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	5 of 28	SSW	0.01 / 58.48	349.22 / -33	1X UNION BANK 1980 SATURN ST MONTEREY PARK CA 917540000	HAZNET

SIC Code:
Mailing City: MONTEREY PARK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

NAICS Code:		**Mailing State:**	CA
EPA ID:	CAC000072285	**Mailing Zip:**	917540000
Create Date:	3/15/1988	**Region Code:**	3
Fac Act Ind:	No	**Owner Name:**	--
Inact Date:	10/25/2000	**Owner Addr 1:**	--
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	--
Mail Name:		**Owner State:**	99
Mailing Addr 1:	--	**Owner Zip:**	--
Mailing Addr 2:		**Owner Phone:**	0000000000
Owner Fax:			

Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search

DTSC Handler Profile url: https://hwts.dtsc.ca.gov/facility/CAC000072285

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	6 of 28	SSW	0.01 / 58.48	349.22 / -33	1980 SATURN ST MONTEREY PARK CA 917557417	HIST MANIFEST

Gen EPA ID: CAL000030909
Create Date: 5/16/1990 0:00:00
Inact Date: 6/30/2001 0:00:00
Facility Mail Street: 1980 SATURN ST
Facility Mail City: MONTEREY PARK
Facility Mail State: CA
Facility Mail Zip: 917557417
Contact Phone(s): 2137202092
File Year(s): 1989; 1990; 1991; 1992
Contact Name(s): JASON LUND

Tanner Information

State Waste Code:	222	**Generator County:**	Los Angeles
Year:	1992	**Tsd Epa ID:**	CAD099452708
Tons:	0.16	**Tsd County:**	Los Angeles
Method Code:	R01		

State Waste Code Desc: Oil/water separation sludge
Method Description:

Tanner Information

State Waste Code:	141	**Generator County:**	Los Angeles
Year:	1992	**Tsd Epa ID:**	CAD097030993
Tons:	0.08	**Tsd County:**	Los Angeles
Method Code:	15		

State Waste Code Desc: Off-specification, aged or surplus inorganics
Method Description:

Tanner Information

State Waste Code:	261	**Generator County:**	Los Angeles
Year:	1990	**Tsd Epa ID:**	KSD980964993
Tons:	2.47	**Tsd County:**	
Method Code:	7		

State Waste Code Desc: Polychlorinated biphenyls and material containing PCBs
Method Description:

Tanner Information

State Waste Code:	541	**Generator County:**	Los Angeles
Year:	1991	**Tsd Epa ID:**	CAD982524613

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tons: 0.45 **Tsd County:** Orange
Method Code: R01
State Waste Code Desc: Photochemicals/photoprocessing waste
Method Description:

Tanner Information

State Waste Code: 214 **Generator County:** Los Angeles
Year: 1992 **Tsd Epa ID:** CAD089446710
Tons: 0.22 **Tsd County:** Los Angeles
Method Code: 1
State Waste Code Desc: Unspecified solvent mixture
Method Description:

Tanner Information

State Waste Code: 541 **Generator County:** Los Angeles
Year: 1989 **Tsd Epa ID:** CAD982524613
Tons: 0.45 **Tsd County:** Orange
Method Code: R01
State Waste Code Desc: Photochemicals/photoprocessing waste
Method Description:

Tanner Information

State Waste Code: 541 **Generator County:** Los Angeles
Year: 1992 **Tsd Epa ID:** CAD982524613
Tons: 0.45 **Tsd County:** Orange
Method Code: R01
State Waste Code Desc: Photochemicals/photoprocessing waste
Method Description:

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3 ***7 of 28*** ***SSW*** ***0.01 / 58.48*** ***349.22 / -33*** ***1980 SATURN ST MONTEREY PARK CA 917540000*** ***HIST MANIFEST***

Gen EPA ID: CAC000072285
Create Date: 3/15/1988 0:00:00
Inact Date: 10/25/2000 0:00:00
Facility Mail Street: --
Facility Mail City: MONTEREY PARK
Facility Mail State: CA
Facility Mail Zip: 917540000
Contact Phone(s): 2137202092
File Year(s): 1988
Contact Name(s): BRIAN NELSON

Tanner Information

State Waste Code: 222 **Generator County:** Los Angeles
Year: 1988 **Tsd Epa ID:** CAT080025711
Tons: 0.2 **Tsd County:** San Bernardino
Method Code:
State Waste Code Desc: Oil/water separation sludge
Method Description:

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3 ***8 of 28*** ***SSW*** ***0.01 / 58.48*** ***349.22 / -33*** ***UNION BANK 1980 SATURN ST MONTEREY PARK CA 91755*** ***FINDS/FRS***

Registry ID: 110066549079
FIPS Code: 06037
HUC Code: 18070105

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	14-OCT-15
Update Date:	
Interest Types:	OTHER HAZARDOUS WASTE ACTIVITIES, STATE MASTER
SIC Codes:	6021
SIC Code Descriptions:	NATIONAL COMMERCIAL BANKS
NAICS Codes:	522110
NAICS Code Descriptions:	COMMERCIAL BANKING.
Conveyor:	FRS-GEOCODE
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	32
Census Block Code:	060374828001007
EPA Region Code:	09
County Name:	LOS ANGELES
US/Mexico Border Ind:	
Latitude:	34.03834
Longitude:	-118.11397
Reference Point:	CENTER OF A FACILITY OR STATION
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110066549079
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

CA-ENVIROVIEW:78725, RCRAINFO:CAC002971095

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	9 of 28	SSW	0.01 / 58.48	349.22 / -33	UNION BANK 1980 SATURN STREET MONTEREY PARK CA 91755	HAZNET

SIC Code:	6021,6022,6029,6081	**Mailing City:**	MONTEREY PARK
NAICS Code:	52211	**Mailing State:**	CA
EPA ID:	CAC002877989	**Mailing Zip:**	91755
Create Date:	9/15/2016	**Region Code:**	3
Fac Act Ind:	Yes	**Owner Name:**	UNION BANK
Inact Date:		**Owner Addr 1:**	1980 SATURN STREET
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	MONTEREY PARK
Mail Name:		**Owner State:**	CA
Mailing Addr 1:	1980 SATURN STREET	**Owner Zip:**	91755
Mailing Addr 2:		**Owner Phone:**	3237202572
Owner Fax:			
Details DTSC HWTS:	The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search		
DTSC Handler Profile url:	https://hwts.dtsc.ca.gov/facility/CAC002877989		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	10 of 28	SSW	0.01 / 58.48	349.22 / -33	UNION BANK 1980 SATURN ST MONTEREY PARK CA 917557417	HAZNET

SIC Code:	6021,6022,6029,6081	**Mailing City:**	MONTEREY PARK
NAICS Code:	52211	**Mailing State:**	CA
EPA ID:	CAC002864894	**Mailing Zip:**	917557417
Create Date:	6/14/2016	**Region Code:**	3
Fac Act Ind:	No	**Owner Name:**	UNION BANK
Inact Date:	9/14/2016	**Owner Addr 1:**	1980 SATURN ST
County Code:	19	**Owner Addr 2:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

County Name:	Los Angeles	**Owner City:**	MONTEREY PARK
Mail Name:		**Owner State:**	CA
Mailing Addr 1:	1980 SATURN ST	**Owner Zip:**	917557417
Mailing Addr 2:		**Owner Phone:**	3237202092
Owner Fax:	3237207380		

Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search

DTSC Handler Profile url: https://hwts.dtsc.ca.gov/facility/CAC002864894

3	11 of 28	SSW	0.01 / 58.48	349.22 / -33	**UNION BANK** **1980 SATURN ST** **MONTEREY PARK CA 91755**	UST

Facility ID:	LACoFA0024092	**Latitude:**	34.03831
CERS ID:	10263178	**Longitude:**	-118.11391
County:	Los Angeles		

Permitting Agency: Los Angeles County Fire Department

Site Facility Type: PERMITTED UNDERGROUND STORAGE TANK (UST)

Note: Information related to facilities can be searched on Geo Tracker Website: https://geotracker.waterboards.ca.gov/search

Tank Details

Epa Region:	9	**Tank Closure Date:**	
No. of Closed UST:	0	**Tank Configuration:**	Stand Alone Tank
No. of Inuse UST:		**Tank Contents:**	Diesel
No. of Oos UST:	0	**Tank Cp Impr Curr:**	No
Owner Type:	Non-Government	**Tank Cp Shutoff:**	Yes
Tank ID No.:	4	**Tank Installatn Dt:**	1/1/1986 12:00:00 AM
Tank Status:	Confirmed/Updated Information	**Tank No of Compart:**	1
Tank Type:	Double Wall	**Tank Pc Constructn:**	Steel
Tank Alarms:	No	**Tank Spill Bucket:**	Yes
Tank Ball Float:	No	**Tribal Lands:**	No

Tank Operator Name:	Union Bank
Tank Operator Mail Address:	1980 Saturn St.
Tank Operator Mail City:	Monterey Park
Tank Operator Mail State:	Ca
Tank Operator Mail Zip:	91755-7443
Tank Owner Name:	UNION BANK
Tank Owner Mailing Address:	1980 Saturn St.
Tank Owner Mailing City:	Monterey Park
Tank Owner Mailing State:	Ca
Tank Owner Mailing Zip:	91755
Tank Capacity Gallons:	10000
Tank Piping Construction:	Double Walled
Tank Piping Type:	Conventional Suction
Tank Pw Piping Construction:	Flexible
Tank Sacrificial Anode:	No

Tank Details

Epa Region:	9	**Tank Closure Date:**	
No. of Closed UST:	0	**Tank Configuration:**	Stand Alone Tank
No. of Inuse UST:		**Tank Contents:**	Diesel
No. of Oos UST:	0	**Tank Cp Impr Curr:**	No
Owner Type:	Non-Government	**Tank Cp Shutoff:**	Yes
Tank ID No.:	1	**Tank Installatn Dt:**	1/1/1986 12:00:00 AM
Tank Status:	Confirmed/Updated Information	**Tank No of Compart:**	1
Tank Type:	Double Wall	**Tank Pc Constructn:**	Steel
Tank Alarms:	No	**Tank Spill Bucket:**	Yes
Tank Ball Float:	No	**Tribal Lands:**	No

Tank Operator Name:	Union Bank
Tank Operator Mail Address:	1980 Saturn St.
Tank Operator Mail City:	Monterey Park

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tank Operator Mail State:	Ca
Tank Operator Mail Zip:	91755-7443
Tank Owner Name:	UNION BANK
Tank Owner Mailing Address:	1980 Saturn St.
Tank Owner Mailing City:	Monterey Park
Tank Owner Mailing State:	Ca
Tank Owner Mailing Zip:	91755
Tank Capacity Gallons:	4000
Tank Piping Construction:	Double Walled
Tank Piping Type:	Conventional Suction
Tank Pw Piping Construction:	Flexible
Tank Sacrificial Anode:	No

3	12 of 28	SSW	0.01 / 58.48	349.22 / -33	UNION BANK (VOLK CENTER) 1980 SATURN ST MONTEREY PARK CA 91754	EMISSIONS

1990 Criteria Data

Facility ID:	51882	**CERR Code:**	
Facility SIC Code:	6021	**TOGT:**	0
CO:	19	**ROGT:**	0
Air Basin:	SC	**COT:**	.2
District:	SC	**NOXT:**	1.1
COID:	LA	**SOXT:**	0
DISN:	SOUTH COAST AQMD	**PMT:**	.1
CHAPIS:		**PM10T:**	.0976

1990 Toxic Data

Facility ID:	51882	**COID:**	LA
Facility SIC Code:	6021	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1993 Criteria Data

Facility ID:	51882	**CERR Code:**	
Facility SIC Code:	6021	**TOGT:**	
CO:	19	**ROGT:**	
Air Basin:	SC	**COT:**	.2
District:	SC	**NOXT:**	1.6
COID:	LA	**SOXT:**	
DISN:	SOUTH COAST AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

1993 Toxic Data

Facility ID:	51882	**COID:**	LA
Facility SIC Code:	6021	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

1995 Criteria Data

Facility ID:	51882	***CERR Code:***	
Facility SIC Code:	6021	***TOGT:***	
CO:	19	***ROGT:***	
Air Basin:	SC	***COT:***	.2
District:	SC	***NOXT:***	1.6
COID:	LA	***SOXT:***	
DISN:	SOUTH COAST AQMD	***PMT:***	0
CHAPIS:		***PM10T:***	0

1995 Toxic Data

Facility ID:	51882	***COID:***	LA
Facility SIC Code:	6021	***DISN:***	SOUTH COAST AQMD
CO:	19	***CHAPIS:***	
Air Basin:	SC	***CERR Code:***	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

3	***13 of 28***	***SSW***	***0.01 / 58.48***	***349.22 / -33***	***UNION BANK 1980 SATURN ST MONTEREY PARK CA 91755***	***CERS TANK***

Site ID:	404823	***Latitude:***	34.038315
Longitude:	-118.113907		

Regulated Programs

EI ID:	10263178
EI Description:	Chemical Storage Facilities
EI ID:	10263178
EI Description:	Underground Storage Tank

Violations

Violation Date:	08/02/2017	***Violation Source:***	CERS
Violation Program:	UST	***Violation Division:***	Los Angeles County Department of Public Works
Citation:	23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)		
Violation Notes:			

Returned to compliance on 07/12/2019.

Violation Description:

Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the CUPA or special inspector.

Violations

Violation Date:	03/31/2017	***Violation Source:***	CERS
Violation Program:	UST	***Violation Division:***	Los Angeles County Department of Public Works
Citation:	HSC 6.7 25284(a)(3)(A) & (B); - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A) & (B);		
Violation Notes:			

Returned to compliance on 07/12/2019.

Violation Description:

Failure to implement or maintain a written agreement between the UST permit holder and the operator (owner/operator agreement).

Violations

Violation Date: 08/02/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 08/02/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit or update a plot plan.

Violations

Violation Date: 03/31/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to have a UST Response Plan available on site.

Violations

Violation Date: 04/16/2014 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Los Angeles County Fire Department
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Notes:

Returned to compliance on 02/11/2015. Complete and submit the following information through California Environmental Reporting System (CERS). 1. Business Activity Plan. 2. Business Owner's Information. 3. Chemical Inventory. 4. Site Map. 5. Emergency Response & Contingency Plan. 6. Training Plan. Observed no CERS submittal at time of inspection.

Violation Description:

Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds

quantities of 55 gallons/500 lbs/200 cubic feet.

Violations

Violation Date: 05/27/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(a)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(2)
Violation Notes:

Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.

Violation Description:

Failure to submit the "Underground Storage Tank Statement of Understanding and Compliance Form."

Violations

Violation Date: 06/29/2022
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Notes:

Returned to compliance on 08/12/2022. NO CERS UPDATED; FRCT EXP. AND CHIEF LETTER EXP. MUST UPDATE CERS, SUBMIT CURRENT FRCT AND CHIEF LETTER

Violation Description:

Failure to implement the corrections specified in the inspection report within 30 days of receiving an inspection report from either the UPA or special inspector.

Violations

Violation Date: 05/27/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)
Violation Notes:

Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.

Violation Description:

Failure to submit the "Designated Underground Storage Tank Operator Identification Form" within 30 days of installing a UST system or within 30 days of a change in DO.

Violations

Violation Date: 05/27/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.

Violation Description:

Failure to submit a current UST Response Plan available on site.

Violations

Violation Date: 05/27/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.

Violation Description:

Failure to have an approved UST Monitoring Plan.

Violations

Violation Date: 03/31/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 07/02/2014
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.

Violations

Violation Date: 06/04/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to have current UST Monitoring Plan available on site.

Violations

Violation Date: 03/31/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 08/02/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to have a UST Response Plan available on site.

Violations

Violation Date: 08/02/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 06/29/2022
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Notes:

Returned to compliance on 08/12/2022. NO CERS UPDATED; FRCT EXP. AND CHIEF LETTER EXP. MUST UPDATE CERS, SUBMIT CURRENT FRCT AND CHIEF LETTER

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 03/31/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works

Citation: 23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)

Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit or update a plot plan.

Violations

Violation Date: 09/05/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Notes:

Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL, ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.

Violation Description:

Failure to submit or maintain a current facility plot plan.

Violations

Violation Date: 03/31/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to have a UST Monitoring Plan available on site.

Violations

Violation Date: 07/01/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

The owner/operator has failed to designate an UST operator or to inform the CUPA or any change in the designated UST operator(s) within 30 days after a change.

Violations

Violation Date: 07/02/2014 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 06/04/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to comply with one or more of the following overfill prevention equipment requirements:
Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or
Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or
Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or
Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.

Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018.

For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter.

For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter.

Inspected within 30 days after a repair to the overfill prevention equipment.

Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer.

Inspected by a certified UST service technician.

Maintain records of overfill prevention equipment inspection for 36 months.

Violations

Violation Date: 06/29/2022 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Returned to compliance on 08/12/2022. NO CERS UPDATED; FRCT EXP. AND CHIEF LETTER EXP. MUST UPDATE CERS, SUBMIT CURRENT FRCT AND CHIEF LETTER

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 03/31/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to have an approved UST Monitoring Plan.

Violations

Violation Date: 03/31/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.

Violations

Violation Date: 06/07/2021 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Notes:

Returned to compliance on 06/30/2021. 2019 CTES WAS REJECTED FOR INCORRECTED GENERATOR ROOM SENSOR.FRCT IN CERS EXPIRED.

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 09/05/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL, ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 05/27/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.

Violation Description:

Failure to have current UST Monitoring Plan available on site.

Violations

Violation Date: 05/27/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: HSC 6.7 25284(a)(3)(A)&(B) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A)&(B)
Violation Notes:

Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.

Violation Description:

Failure to implement or maintain a written agreement between the UST owner and operator.

Violations

Violation Date: 06/04/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to implement the corrections specified in the inspection report within 30 days of receiving an inspection report from either the UPA or special inspector.

Violations

Violation Date: 06/04/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to have an approved UST Monitoring Plan.

Violations

Violation Date: 03/31/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Notes:

Returned to compliance on 08/02/2017.

Violation Description:

Failure to conduct secondary containment testing, or one or more of the following requirements:

Perform the test within six months of installation and every 36 months thereafter.Use a procedure that demonstrates the system works as well as at installation.Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval.Performed by a certified service technician or a licensed tank tester.

Violations

Violation Date: 08/02/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to have a UST Monitoring Plan available on site.

Violations

Violation Date: 09/05/2018
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: HSC 6.7 25284(a)(3)(A)&(B) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A)&(B)
Violation Notes:

Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL, ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.

Violation Description:

Failure to implement or maintain a written agreement between the UST owner and operator.

Violations

Violation Date: 06/04/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(a)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(2)
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to submit the "Underground Storage Tank Statement of Understanding and Compliance Form."

Violations

Violation Date: 06/04/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 09/05/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL, ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.

Violation Description:

Failure to have an approved UST Monitoring Plan.

Violations

Violation Date: 06/04/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to submit a current UST Response Plan available on site.

Violations

Violation Date: 07/02/2014 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit statement of UST compliance and/or Designated Operator certification.

Violations

Violation Date: 03/31/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to have an approved UST Response Plan.

Violations

Violation Date: 08/02/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to have an approved UST Response Plan.

Violations

Violation Date: 07/01/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to maintain on site an approved monitoring plan.

Violations

Violation Date: 07/02/2014 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit, obtain approval, or maintain a complete/accurate plot plan.

Violations

Violation Date: 06/04/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.

Violations

Violation Date: 08/02/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works

Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to have an approved UST Monitoring Plan.

Violations

Violation Date: 05/27/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 09/05/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(i)
Violation Notes:

Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL, ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.

Violation Description:

Failure to properly affix tag/sticker on monitoring equipment being certified, repaired, or replaced.

Violations

Violation Date: 09/05/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Notes:

Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL, ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.

Violation Description:

Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the UPA or special inspector.

Violations

Violation Date: 09/05/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works

Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL, ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.

Violation Description:

Failure to submit a current UST Response Plan available on site.

Violations

Violation Date: 06/04/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 06/07/2021 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Returned to compliance on 06/30/2021. 2019 CTES WAS REJECTED FOR INCORRECTED GENERATOR ROOM SENSOR.FRCT IN CERS EXPIRED.

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 08/02/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.

Violations

Violation Date: 03/31/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the CUPA or special inspector.

Violations

Violation Date: 05/27/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Notes:

Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.

Violation Description:

Failure to submit or maintain a current facility plot plan.

Violations

Violation Date: 05/27/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Notes:

Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.

Violation Description:

Failure to obtain approval from the UPA for a training program at an unstaffed facility and/or implement the approved training program.

Violations

Violation Date: 08/02/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to maintain secondary containment (e.g. failure of secondary containment testing).

Violations

Violation Date: 07/01/2015
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit statement of UST compliance and/or Designated Operator certification.

Violations

Violation Date: 06/04/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to submit the "Designated Underground Storage Tank Operator Identification Form" within 30 days of installing a UST system or within 30 days of a change in DO.

Violations

Violation Date: 06/04/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to have an approved UST Response Plan.

Violations

Violation Date: 09/05/2018
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Notes:

Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL, ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 09/05/2018
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Notes:

Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL, ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.

Violation Description:

Failure to submit the UPA. of the designated operator (DO) identification and/or change of the DO within 30 days.

Violations

Violation Date: 09/05/2018
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL, ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.

Violation Description:

Failure to have an approved UST Response Plan.

Violations

Violation Date: 03/31/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e)
Violation Notes:

Returned to compliance on 08/02/2017.

Violation Description:

Failure to maintain secondary containment (e.g. failure of secondary containment testing).

Violations

Violation Date: 07/02/2014
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit, obtain approval, or maintain a complete/accurate response plan.

Violations

Violation Date: 07/01/2015
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 07/02/2014
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: HSC 6.7 25284(a)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit, maintain, or implement an owner/operator written agreement.

Evaluations

Eval Date: 04/27/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Max Mancilla, Assistant Chief Engineer; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 02/11/2015
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Anthony Yeseta (Chief Engineer); Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/29/2022
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

CTES 06/29/22; ALL SUMPS DRY; EMERGENCY TANKS; SUCTION SYSTEM. ISSUED NOVC FOR NO CERS UPDATE,EXP. FRCT, EXP CHIEF LETTER.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 03/30/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

NO COMPLIANCE W/ V781476 & V808812;SB989 DATED 101415 REJECTED,NO RE TEST PREFORMED;CERS CORR, SEE P DRIVE;FLAPPER O/F CONFIRMED.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 08/02/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

NOVC ISSUED FOR CERS ERRORS ON TANK INFO/MONITORING PLAN AND MISSING ALL OTHER DOCUMENTS IN CERS.SB989 RETESTED 04/14/17 AND 08/02/17.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/29/2021
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Russell Rasmussen - Operating Chief Eng; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/07/2021
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

NOVC ISSUED FOR REJECTED 2019 CTES.FRCT IN CERS NEEDS TO BE UPDATED. CTES 06/07/2021.OVFL 06/07/2021.NO ALARMS SINCE LAST TEST.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/04/2020
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

no onsite inspection COVID ROUTINE CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 09/05/2018
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

A890916 VR420 FUNCTIONAL;A896446 DSL SPBK REPLACED,RETESTED;CERS SUB FROM 042718 PARTIAL CORRECTIONS MADE,NEW ERRORS NOVC ISSUED.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 05/27/2020
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Department of Public Works

Eval Program: UST
Eval Source: CERS
Eval Notes:

NOVC ISSUED FOR CERS CORRECTIONS.MUST UPLOAD MISSING DOCUMENTS TO CERS AND MAKE CORRECTIONS TO MONITORING PLAN.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 07/02/2014
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

NOVC ISSUED FOR UPDATED OSDO,FRCT,LTMP AND UP FORMS A&B.CURRENTLY IN THE PROCESS OF SUBMITTING FORMS TO CERS. CTLS 07/02/14.SB98910/15/12; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/16/2014
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 07/01/2015
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

SUMPS DRY; SENS. @ LOW PT.; SENS AND V.R. TAGGED; NOVC ISSUED FOR MI SSING CURRENT OSDO,FRCT & LTMP IN SITE LOG, HMS & UPLOADING IN CERS.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: UST Tank Operator
Entity Name: UNION BANK
Entity Title:
Address: 1980 Saturn St.
City: Monterey Park
State: Ca
Country: United States
Zip Code: 91755-7443
Phone: (323) 720-2092

Affil Type Desc: Property Owner
Entity Name: Union Bank
Entity Title:
Address: 400 California St
City: San Francisco
State: CA
Country: United States
Zip Code: 94104
Phone: (213) 320-2572

Affil Type Desc: UST Property Owner Name
Entity Name: Union Bank
Entity Title:

Address:	1980 Saturn St.
City:	Monterey Park
State:	Ca
Country:	United States
Zip Code:	91755
Phone:	(323) 720-2090
Affil Type Desc:	Operator
Entity Name:	ANTHONY YESETA
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	(323) 720-2090
Affil Type Desc:	UST Tank Owner
Entity Name:	UNION BANK
Entity Title:	
Address:	1980 Saturn St.
City:	Monterey Park
State:	Ca
Country:	United States
Zip Code:	91755
Phone:	(323) 720-2090
Affil Type Desc:	Document Preparer
Entity Name:	Anthony Yeseta
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	
Affil Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	
Address:	1980 SATURN ST.
City:	MONTEREY PARK
State:	CA
Country:	
Zip Code:	91755
Phone:	
Affil Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	
Address:	5825 Rickenbacker Road
City:	Commerce
State:	CA
Country:	
Zip Code:	90040-3027
Phone:	(323) 890-4000
Affil Type Desc:	Environmental Contact
Entity Name:	Greg Baker
Entity Title:	
Address:	1980 SATURN STREET
City:	MONTEREY PARK
State:	CA
Country:	
Zip Code:	91755
Phone:	
Affil Type Desc:	UST Permit Applicant
Entity Name:	Anthony Yeseta

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Entity Title: Chief engineer
Address:
City:
State:
Country:
Zip Code:
Phone: (323) 720-2092

Affil Type Desc: Legal Owner
Entity Name: UNION BANK
Entity Title:
Address: 1980 SATURN ST
City: MONTEREY PARK
State: CA
Country: United States
Zip Code: 91754
Phone: (323) 720-2100

Affil Type Desc: Parent Corporation
Entity Name: UNION BANK
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Identification Signer
Entity Name: ANTHONY YESETA
Entity Title: CHIEF ENGINEER
Address:
City:
State:
Country:
Zip Code:
Phone:

Coordinates

Env Int Type Code:	HMBP	***Longitude:***	-118.113910
Program ID:	10263178	***Coord Name:***	
Latitude:	34.038310	***Ref Point Type Desc:***	Center of a facility or station.

3	*14 of 28*	*SSW*	*0.01 / 58.48*	*349.22 / -33*	***UNION BANK*** ***1980 SATURN STREET*** ***MONTEREY PARK CA 91755***	***RCRA NON GEN***

EPA Handler ID: CAC002971095
Gen Status Universe: No Report
Contact Name: ANTHONY YESETA
Contact Address: 1980 SATURN STREET , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 323-720-2092
Contact Email: ANTHONY.YESETA@UNIONBANK.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20180716
Location Latitude: 34.03959
Location Longitude: -118.114004

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20180716
Handler Name:	UNION BANK
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1980 SATURN STREET
Name:	ANTHONY YESETA	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	323-720-2092	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1980 SATURN STREET
Name:	UNION BANK	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	323-720-2092	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	15 of 28	SSW	0.01 / 58.48	349.22 / -33	UNION BANK 1980 SATURN ST MONTEREY PARK CA 91755	CUPA LA COUNTY

Facility ID:	FA0024092
CERS ID:	10263178

Active Facility Details

PE:	7124
PE:	3003

Inactive Facility Details

PE:	3500

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	16 of 28	SSW	0.01 / 58.48	349.22 / -33	DANIEL ROSALES 1980 SATURN STREET MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC003062333
Gen Status Universe: No Report
Contact Name: DANIEL ROSALES
Contact Address: 1980 SATURN STREET , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 323-720-2092
Contact Email: DANIEL.ROSALES@UNIONBANK.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20200403
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20200403
Handler Name: DANIEL ROSALES
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: DANIEL ROSALES
Date Became Current:
Date Ended Current:
Phone: 323-720-2092
Source Type: Implementer
Street No:
Street 1: 1980 SATURN STREET
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Owner
Type: Other
Street No:
Street 1: 1980 SATURN STREET

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Name:	DANIEL ROSALES	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	323-720-2572	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

3 | ***17 of 28*** | ***SSW*** | ***0.01 / 58.48*** | ***349.22 / -33*** | ***DANIEL ROSALES 1980 SATURN STREET MONTEREY PARK CA 91755*** | ***FINDS/FRS***

Registry ID:	110070805844
FIPS Code:	06037
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	10-JUN-20
Update Date:	
Interest Types:	UNSPECIFIED UNIVERSE
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	237130
NAICS Code Descriptions:	POWER AND COMMUNICATION LINE AND RELATED STRUCTURES CONSTRUCTION.
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	
Census Block Code:	
EPA Region Code:	09
County Name:	LOS ANGELES
US/Mexico Border Ind:	
Latitude:	
Longitude:	
Reference Point:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070805844
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

RCRAINFO:CAC003062333, RCRAINFO:CAC003155280

3 | ***18 of 28*** | ***SSW*** | ***0.01 / 58.48*** | ***349.22 / -33*** | ***UNION BANK OPERATIONS CENTER 1980 SATURN ST MONTEREY PARK CA*** | ***UST SWEEPS***

C C:	A19-000-8139	**D Filename:**	SITE04A
BOE:	44-008240	**Page No:**	471
Comp:	8139	**County:**	LOS ANGELES
Status:	ACTIVE	**State :**	CA
No of Tanks:	1	**Zip:**	
Jurisdict:	LOS ANGELES COUNTY	**Latitude:**	34.039608
Agency:	WASTE MANAGEMENT DEPARTMENT	**Longitude:**	-118.112527
Phone:		**Georesult:**	S5HPNTSC-A

Tank Details

Tank ID:	000001	**S Contain:**	
O Tank ID:		**Stg:**	W

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

SWRCB No:	19-000-008139-000001	**Storage :**	
Removed:		**Storag Type:**	WASTE
Installed:		**P Contain:**	
A Date:	06-30-89	**Content:**	
Capac:		**ONA:**	
Tank Use:	UNKNOWN	**D File Name:**	TANK4A

3	19 of 28	SSW	0.01 / 58.48	349.22 / -33	DANIEL ROSALES 1980 SATURN STREET MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC003155280
Gen Status Universe:	No Report
Contact Name:	DANIEL ROSALES
Contact Address:	1980 SATURN STREET , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	714-661-4839
Contact Email:	DANIEL.ROSALES@UNIONBANK.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20220104
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20220104
Handler Name:	DANIEL ROSALES
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1980 SATURN STREET
Name:	DANIEL ROSALES	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Ended Current: | **State:** CA
Phone: 714-661-4839 | **Country:**
Source Type: Implementer | **Zip Code:** 91755

Owner/Operator Ind: Current Owner | **Street No:**
Type: Other | **Street 1:** 1980 SATURN STREET
Name: MUFG - UNION BANK | **Street 2:**
Date Became Current: | **City:** MONTEREY PARK
Date Ended Current: | **State:** CA
Phone: 714-661-4839 | **Country:**
Source Type: Implementer | **Zip Code:** 90262

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3 | **20 of 28** | **SSW** | **0.01 / 58.48** | **349.22 / -33** | **JONES LANGE LASALLE**
1980 SATURN ST
MONTEREY PARK CA 917557417 | **HAZ GEN**

Epa ID: CAC002636790 | **Facility County:** 19
Address 2: | **County:** Los Angeles
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002636790

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3 | **21 of 28** | **SSW** | **0.01 / 58.48** | **349.22 / -33** | **UNION BANK**
1980 SATURN ST
MONTEREY PARK CA 917557417 | **HAZ GEN**

Epa ID: CAC002852770 | **Facility County:** 19
Address 2: | **County:** Los Angeles
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002852770

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3 | **22 of 28** | **SSW** | **0.01 / 58.48** | **349.22 / -33** | **UNION BANK**
1980 SATURN ST
MONTEREY PARK CA 917557417 | **HAZ GEN**

Epa ID: CAC002776206 | **Facility County:** 19
Address 2: | **County:** Los Angeles
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002776206

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3 | **23 of 28** | **SSW** | **0.01 / 58.48** | **349.22 / -33** | **UNION BANK**
1980 SATURN STREET
MONTEREY PARK CA 91755 | **HAZ GEN**

Epa ID: CAC002930430 | **Facility County:** 19
Address 2: | **County:** Los Angeles
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002930430

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3 | **24 of 28** | **SSW** | **0.01 / 58.48** | **349.22 / -33** | **UNION BANK**
1980 SATURN ST
MONTEREY PARK CA 917557417 | **HAZ GEN**

Epa ID: CAC002762786 | **Facility County:** 19
Address 2: | **County:** Los Angeles
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002762786

3	25 of 28	SSW	0.01 / 58.48	349.22 / -33	UNION BANK OF CALIFORNIA 1980 SATURN ST MONTEREY PARK CA 917557417	HAZ GEN

Epa ID: CAL000030909
Facility County: 19
Address 2:
County: Los Angeles
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAL000030909

3	26 of 28	SSW	0.01 / 58.48	349.22 / -33	UNION BANK 1980 SATURN STREET MONTEREY PARK CA 91755	HAZ GEN

Epa ID: CAC002882250
Facility County: 19
Address 2:
County: Los Angeles
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002882250

3	27 of 28	SSW	0.01 / 58.48	349.22 / -33	CBRE AGENT FOR UNION BANK 1980 SATURN ST MONTEREY PARK CA 917557417	HAZ GEN

Epa ID: CAC002678253
Facility County: 19
Address 2:
County: Los Angeles
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002678253

3	28 of 28	SSW	0.01 / 58.48	349.22 / -33	DANIEL ROSALES 1980 SATURN STREET MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC003192019
Gen Status Universe: No Report
Contact Name: DANIEL ROSALES
Contact Address: 1980 SATURN STREET , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 714-661-4839
Contact Email: DANIEL.ROSALES@UNIONBANK.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20220826
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20220826
Handler Name:	DANIEL ROSALES
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1980 SATURN STREET
Name:	DANIEL ROSALES	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	714-661-4839	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1980 SATURN STREET
Name:	DANIEL ROSALES	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	714-661-4839	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	1 of 2	W	0.03 / 141.16	353.61 / -28	JOSEPH DELGADILLO 2004 CLOVER DR MONTEREY PARK CA 91755	RCRA TSD

EPA Handler ID:	CAC003008782
Gen Status Universe:	No Report
Contact Name:	JOSEPH DELGADILLO
Contact Address:	2004 CLOVER DR , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-400-7843
Contact Email:	ADMIN@VIKINGENVIRO.COM
Contact Country:	
Land Type:	
County Name:	LOS ANGELES
EPA Region:	09
Receive Date:	20190404
Location Latitude:	34.040293
Location Longitude:	-118.117096

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Smelting, Melting and Refining:	No
Underground Injection Control:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190404
Handler Name:	JOSEPH DELGADILLO
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified
Source Type:	Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	2004 CLOVER DR
Name:	JOSEPH DELGADILLO	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-400-7843	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	2004 CLOVER DR
Name:	JOSEPH DELGADILLO	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-400-7843	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	*2 of 2*	*W*	*0.03 / 141.16*	*353.61 / -28*	***JOSEPH DELGADILLO*** ***2004 CLOVER DR*** ***MONTEREY PARK CA 91755***	***RCRA NON GEN***

EPA Handler ID:	CAC003008782
Gen Status Universe:	No Report
Contact Name:	JOSEPH DELGADILLO
Contact Address:	2004 CLOVER DR , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-400-7843
Contact Email:	ADMIN@VIKINGENVIRO.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20190404
Location Latitude:	34.040293
Location Longitude:	-118.117096

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190404
Handler Name:	JOSEPH DELGADILLO
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	2004 CLOVER DR
Name:	JOSEPH DELGADILLO	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-400-7843	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	2004 CLOVER DR
Name:	JOSEPH DELGADILLO	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-400-7843	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

5	1 of 1	W	0.04 / 185.60	349.17 / -33	NADJA CALDERON 2007 CLOVER DR MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC003133573
Gen Status Universe:	No Report
Contact Name:	NADJA CALDERON
Contact Address:	2007 CLOVER DR , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	323-888-2772
Contact Email:	EPA4HAZ@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20210810
Location Latitude:	

Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20210810
Handler Name:	NADJA CALDERON
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	2007 CLOVER DR
Name:	NADJA CALDERON	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	323-888-2772	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	2007 CLOVER DR
Name:	NADJA CALDERON	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	323-888-2772	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

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6 ***1 of 4*** ***SW*** ***0.04 / 189.30*** ***340.47 / -41*** ***2001 Saturn St***
2001 SATURN ST
MONTEREY PARK CA 91755

DELISTED CTNK

Site ID:	78726	***Latitude:***	34.039387
County:		***Longitude:***	-118.116623
Tank Type:			
Original Source:	CTNK		
Record Date:	07-OCT-2022		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	2 of 4	SW	0.04 / 189.30	340.47 / -41	UNION BANK 2001 SATURN ST MONTEREY PARK CA 91755	CUPA LA COUNTY

Facility ID: FA0040835
CERS ID: 10267867

Active Facility Details

PE: 3701

PE: 3003

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	3 of 4	SW	0.04 / 189.30	340.47 / -41	2001 SATURN LLC 2001 SATURN ST. MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC003198580
Gen Status Universe: No Report
Contact Name: GUS KIM
Contact Address: 2001 SATURN ST. , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 213-310-3670
Contact Email: P3104081475@GMAIL.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20221008
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20221008
Handler Name: 2001 SATURN LLC
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	2001 SATURN ST.
Name:	2001 SATURN, LCC	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	213-310-3670	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	2001 SATURN ST.
Name:	GUS KIM	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	213-310-3670	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	4 of 4	SW	0.04 / 189.30	340.47 / -41	**2001 SATURN LLC** **2001 SATURN ST** **MONTEREY PARK CA 91755**	**RCRA NON GEN**

EPA Handler ID:	CAC003195784
Gen Status Universe:	No Report
Contact Name:	GUSS KIM
Contact Address:	2001 SATURN ST , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	213-310-3670
Contact Email:	GUSS@ILIKEDREAMS.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20220920
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20220920

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Name: 2001 SATURN LLC
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	2001 SATURN ST
Name:	2001 SATURN LLC	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	213-310-3670	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	2001 SATURN ST
Name:	GUSS KIM	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	213-310-3670	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	1 of 1	NNE	0.05 / 263.56	431.30 / 49	NICOLE HUI 698 TAYLOR DRIVE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC003021631
Gen Status Universe: No Report
Contact Name: NICOLE HUI
Contact Address: 698 TAYLOR DRIVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 626-354-9326
Contact Email: MANIFEST.SIRRIS@GMAIL.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20190626
Location Latitude: 34.042232
Location Longitude: -118.113142

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190626
Handler Name:	NICOLE HUI
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	698 TAYLOR DRIVE
Name:	NICOLE HUI	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-354-9326	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	698 TAYLOR DRIVE
Name:	NICOLE HUI	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-354-9326	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	1 of 1	N	0.05 / 272.45	455.23 / 73	LAI MOY & CORY NAKAUCHI 598 TAYLOR DR MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC003054997
Gen Status Universe:	No Report
Contact Name:	LAI MOY & CORY NAKAUCHI
Contact Address:	598 TAYLOR DR , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	954-298-4300
Contact Email:	SENSITIVEENVIRONMENT@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20200207
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No

Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20200207
Handler Name: LAI MOY & CORY NAKAUCHI
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: LAI MOY & CORY NAKAUCHI
Date Became Current:
Date Ended Current:
Phone: 954-298-4300
Source Type: Implementer
Street No:
Street 1: 598 TAYLOR DR
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Operator
Type: Other
Name: LAI MOY & CORY NAKAUCHI
Date Became Current:
Date Ended Current:
Phone: 954-298-4300
Source Type: Implementer
Street No:
Street 1: 598 TAYLOR DR
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	1 of 2	NNE	0.05 / 282.07	444.12 / 62	JACK MIYAGAWA 651 TAYLOR DRIVE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC002977534
Gen Status Universe: No Report
Contact Name: JACK MIYAGAWA
Contact Address: 651 TAYLOR DRIVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 626-975-8320
Contact Email: RUTHSAMANO@ALLIANCE-ENVIRO.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20180824
Location Latitude: 34.042376
Location Longitude: -118.113482

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20180824
Handler Name: JACK MIYAGAWA
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: JACK MIYAGAWA
Date Became Current:
Date Ended Current:
Phone: 626-975-8340
Source Type: Implementer
Street No:
Street 1: 651 TAYLOR DRIVE
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Operator
Type: Other
Name: JACK MIYAGAWA
Date Became Current:
Date Ended Current:
Phone: 626-975-8320
Source Type: Implementer
Street No:
Street 1: 651 TAYLOR DRIVE
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

9	2 of 2	NNE	0.05 / 282.07	444.12 / 62	JACK MIYAGAWA 651 TAYLOR DR MONTEREY PARK CA 91755-6743	RCRA NON GEN

EPA Handler ID: CAC002978669
Gen Status Universe: No Report
Contact Name: JACK MIYAGAWA
Contact Address: 651 TAYLOR DR , , MONTEREY PARK , CA, 91755-6743 ,
Contact Phone No and Ext: 626-975-8340
Contact Email: GENEVADEGUIRE@ALLIANCE-ENVIRO.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20180904
Location Latitude: 34.042376
Location Longitude: -118.113482

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20180904
Handler Name:	JACK MIYAGAWA
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	651 TAYLOR DR
Name:	JACK MIYAGAWA	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-975-8340	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755-6743
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	651 TAYLOR DR
Name:	JACK MIYAGAWA	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-975-8340	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755-6743

10	***1 of 1***	***N***	***0.06 / 292.01***	***456.55 / 75***	***DAVE JONES 599 TAYLOR DRIVE MONTEREY PARK CA 91755***	***RCRA NON GEN***

EPA Handler ID:	CAC002997454
Gen Status Universe:	No Report
Contact Name:	DAVE JONES
Contact Address:	599 TAYLOR DRIVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-235-9536
Contact Email:	MANIFEST.SIRRIS@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20190121
Location Latitude:	34.042526
Location Longitude:	-118.114126

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190121
Handler Name:	DAVE JONES
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	599 TAYLOR DRIVE
Name:	DAVE JONES	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-235-9536	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	599 TAYLOR DRIVE
Name:	DAVE JONES	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-235-9536	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

11	***1 of 1***	***NE***	***0.07 / 348.96***	***446.81 / 65***	***RANDALL NAKASHIMA 763 TAYLOR DR MONTEREY PARK CA 91755***	***RCRA NON GEN***

EPA Handler ID:	CAC003111304
Gen Status Universe:	No Report
Contact Name:	RANDALL NAKASHIMA
Contact Address:	763 TAYLOR DR , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-295-8206
Contact Email:	TNAKASHIMA86@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20210323
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20210323
Handler Name:	RANDALL NAKASHIMA
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	763 TAYLOR DR
Name:	RANDALL NAKASHIMA	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-295-8206	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	763 TAYLOR DR
Name:	RANDALL NAKASHIMA	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-295-8206	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

12	*1 of 6*	*SW*	*0.08 / 445.62*	*321.77 / -60*	***ALPHA PHOTONICS 2019 SATURN ST MONTEREY PARK CA 91754***	***RCRA SQG***

EPA Handler ID:	CAR000087692
Gen Status Universe:	Small Quantity Generator
Contact Name:	DONALD HUDGIES
Contact Address:	2019 SATURN ST , , MONTEREY PARK , CA, 91754 , US
Contact Phone No and Ext:	626-350-4886
Contact Email:	
Contact Country:	US
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	Private
Receive Date:	20001107
Location Latitude:	34.038412

Location Longitude: -118.116713

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20001107
Handler Name: ALPHA PHOTONICS
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20001107
Handler Name: ALPHA PHOTONICS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR

THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	4281 TECHNOLOGY DR
Name:	AMERICAN XTAL TECHNOLOGY INC	***Street 2:***	
Date Became Current:		***City:***	FREMONT
Date Ended Current:		***State:***	CA
Phone:	510-683-5900	***Country:***	
Source Type:	Implementer	***Zip Code:***	94538

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	4281 TECHNOLOGY DR
Name:	AMERICAN XTAL TECHNOLOGY INC	***Street 2:***	
Date Became Current:		***City:***	FREMONT
Date Ended Current:		***State:***	CA
Phone:	510-683-5900	***Country:***	
Source Type:	Notification	***Zip Code:***	94538

Historical Handler Details

Receive Dt: 20001107
Generator Code Description: Large Quantity Generator
Handler Name: ALPHA PHOTONICS

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12 | ***2 of 6*** | ***SW*** | ***0.08 / 445.62*** | ***321.77 / -60*** | ***ALPHA PHOTONICS/LYLE OPTPELECTRONICS 2019 SATURN ST MONTEREY PARK CA 91754*** | ***SML LA***

Site ID: SD0000386
Case ID: RO0001387
Status:

---

12 | ***3 of 6*** | ***SW*** | ***0.08 / 445.62*** | ***321.77 / -60*** | ***ALPHA PHOTONICS, INC. 2019 SATURN STREET MONTEREY PARK CA 91754*** | ***ENVIROSTOR***

Estor/EPA ID:	71003355	***Assembly District:***	49
Site Code:		***Senate District:***	22
Nat Priority List:	NO	***Permit Renewal Lead:***	
APN:	NONE SPECIFIED	***Public Partici Spclst:***	
Census Tract:	6037482800	***Project Manager:***	
Site Type:	TIERED PERMIT	***County:***	LOS ANGELES
Address Description:	2019 SATURN STREET	***Latitude:***	34.038875
Office:	CLEANUP CHATSWORTH	***Longitude:***	-118.117201
Special Program:		***Acres:***	NONE SPECIFIED
Funding:		***Supervisor:***	
Cleanup Status:	REFER: OTHER AGENCY AS OF		
Cleanup Oversight Agencies:	NONE SPECIFIED		
School District:			
Past Use that Caused Contam:	NONE SPECIFIED		
Potential Media Affected:	NONE SPECIFIED		
Potential Contamin of Concern:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

NONE SPECIFIED

Site History:

Status: REFER: OTHER AGENCY
Program Type: TIERED PERMIT
CalEnviroScreen Score: 60-65%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71003355

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12 | ***4 of 6*** | ***SW*** | ***0.08 / 445.62*** | ***321.77 / -60*** | ***2019 SATURN ST MONTEREY PARK CA 917557496*** | ***HMS LA***

Site No: 017339
Area: 3M

Detail Info

Permit No: 000332526
Permit Status: Permit Closed
Permit Category: Industrial Waste Permit
Permit Type: Operating Industrial Waste Permit - Local Sewer
Status: Permit Closed
File No: 023495
File Name: ALPHA PHOTONICS INC

Detail Info

Permit No: 000015778
Permit Status: Permit Closed
Permit Category: Industrial Waste Permit
Permit Type: Interim Industrial Waste Permit - Local Sewer
Status: Permit Closed
File No: 036129
File Name: AXT INC

Detail Info

Permit No: 000014261
Permit Status: Permit Closed
Permit Category: Industrial Waste Permit
Permit Type: Operating Industrial Waste Permit - Local Sewer
Status: Permit Closed
File No: 023495
File Name: ALPHA PHOTONICS INC

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12 | ***5 of 6*** | ***SW*** | ***0.08 / 445.62*** | ***321.77 / -60*** | ***LYTE OPTOELECTRONICS 2019 SATURN ST MONTEREY PARK CA 91755*** | ***CUPA LA COUNTY***

Facility ID: FA0024093
CERS ID: 0

Inactive Facility Details

PE: 3500

PE: 3003

PE: 1004

PE: 2010

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12 | ***6 of 6*** | ***SW*** | ***0.08 / 445.62*** | ***321.77 / -60*** | ***LEONARDO TIJERO 2019 SATURN STREET MONTEREY PARK CA 91755*** | ***RCRA NON GEN***

EPA Handler ID: CAC003204181
Gen Status Universe: No Report

Contact Name:	LEONARDO TIJERO
Contact Address:	2019 SATURN STREET , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	323-372-4001
Contact Email:	LEONARDO.TIJERO@CENTRALCITYHEALTH.ORG
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20221114
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20221114
Handler Name:	LEONARDO TIJERO
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	2019 SATURN STREET
Name:	LEONARDO TIJERO	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	323-372-4001	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	2019 SATURN STREET
Name:	CENTRAL CITY COMMUNITY HEALTH CTR.	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	323-724-0019	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
13	1 of 1	NNE	0.09 / 491.74	434.25 / 52	T-MOBILE WEST (SITE ID#IE05350D) 2001 S ORANGE AVE MONTEREY PARK CA 91755	CUPA LA COUNTY

Facility ID: FA0041163
CERS ID: 0

Inactive Facility Details

PE: 3000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
14	1 of 1	N	0.10 / 529.13	457.99 / 76	DONALD AND JOAN KARY 599 HARRISON ROAD MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC002994334
Gen Status Universe: No Report
Contact Name: DONALD AND JOAN KARY
Contact Address: 599 HARRISON ROAD , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 626-251-7915
Contact Email: JBENNER@BURNS-ENVIRO.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20181226
Location Latitude: 34.043166
Location Longitude: -118.11391

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20181226
Handler Name: DONALD AND JOAN KARY
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	599 HARRISON ROAD
Name:	DONALD AND JOAN KARY	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-251-7915	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	599 HARRISON ROAD
Name:	DONALD AND JOAN KARY	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-251-7915	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

15	*1 of 1*	*W*	*0.10 / 541.33*	*335.93 / -46*	***ERLINDA SOSNOSKI*** ***1981 FULTON AVE*** ***MONTEREY PARK CA 91755-6749***	***RCRA NON GEN***

EPA Handler ID:	CAC003036667
Gen Status Universe:	No Report
Contact Name:	ERLINDA SOSNOSKI
Contact Address:	1981 FULTON AVE , , MONTEREY PARK , CA, 91755-6749 ,
Contact Phone No and Ext:	213-507-6481
Contact Email:	SOSNOSKIERLINDA1@AOL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20191002
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20191002
Handler Name:	ERLINDA SOSNOSKI

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1981 FULTON AVE
Name:	ERLINDA SOSNOSKI	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	213-507-6481	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755-6749

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1981 FULTON AVE
Name:	ERLINDA SOSNOSKI	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	213-507-6481	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755-6749

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16 ***1 of 9*** ***WSW*** ***0.11 / 603.73*** ***323.21 / -59*** ***ROSS NAMEPLATE CO.***
RED PLUM CIRCLE, #2
MONTEREY PARK CA 91765
ENVIROSTOR

Estor/EPA ID:	71002913	***Assembly District:***	
Site Code:		***Senate District:***	
Nat Priority List:	NO	***Permit Renewal Lead:***	
APN:	NONE SPECIFIED	***Public Partici Spclst:***	
Census Tract:	6037482800	***Project Manager:***	
Site Type:	TIERED PERMIT	***County:***	LOS ANGELES
Address Description:	RED PLUM CIRCLE, #2	***Latitude:***	34.0386582
Office:	CLEANUP CHATSWORTH	***Longitude:***	-118.1176904
Special Program:		***Acres:***	NONE SPECIFIED
Funding:		***Supervisor:***	
Cleanup Status:	REFER: OTHER AGENCY AS OF		
Cleanup Oversight Agencies:	NONE SPECIFIED		
School District:			
Past Use that Caused Contam:	NONE SPECIFIED		
Potential Media Affected:	NONE SPECIFIED		
Potential Contamin of Concern:			

NONE SPECIFIED

Site History:

Status: REFER: OTHER AGENCY
Program Type: TIERED PERMIT
CalEnviroScreen Score: 60-65%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71002913

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16 ***2 of 9*** ***WSW*** ***0.11 / 603.73*** ***323.21 / -59*** ***2 RED PLUM CIR***
MONTEREY PARK CA 917547486
HMS LA

Site No: 006997
Area: 3M

Detail Info

Permit No:	000006890	***Status:***	Equipment Permitted
Permit Status:	Equipment Permitted	***File No:***	I07314
Permit Category:	Industrial Waste Permit	***File Name:***	ROSS NAME PLATE CO

Permit Type: Operating Industrial Waste Permit - Local Sewer

Detail Info

Permit No:	00005911T	**Status:**	Equipment Removed
Permit Status:	Equipment Removed	**File No:**	007314
Permit Category:	Underground Storage Tank	**File Name:**	ROSS NAME PLATE CO
Permit Type:	Underground Storage Tank Operating Permit		

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16 | ***3 of 9*** | ***WSW*** | ***0.11 / 603.73*** | ***323.21 / -59*** | ***ROSS NAME PLATE CO***
NUMBER TWO RED PLUM CIRCLE
MONTEREY PARK CA 91754 | ***EMISSIONS***

1987 Criteria Data

Facility ID:	20440	**CERR Code:**	
Facility SIC Code:	3993	**TOGT:**	.9
CO:	19	**ROGT:**	.8712
Air Basin:	SC	**COT:**	
District:	SC	**NOXT:**	
COID:	LA	**SOXT:**	
DISN:	SOUTH COAST AQMD	**PMT:**	.1
CHAPIS:		**PM10T:**	.096

1987 Toxic Data

Facility ID:	20440	**COID:**	LA
Facility SIC Code:	3993	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

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16 | ***4 of 9*** | ***WSW*** | ***0.11 / 603.73*** | ***323.21 / -59*** | ***ROSS NAME PLATE CO***
2 RED PLUM CIR
MONTEREY PARK CA 91754 | ***EMISSIONS***

1993 Criteria Data

Facility ID:	20440	**CERR Code:**	
Facility SIC Code:	3993	**TOGT:**	5.3
CO:	19	**ROGT:**	.39446
Air Basin:	SC	**COT:**	0
District:	SC	**NOXT:**	0
COID:	LA	**SOXT:**	
DISN:	SOUTH COAST AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

1993 Toxic Data

Facility ID:	20440	**COID:**	LA
Facility SIC Code:	3993	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			

Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

1995 Criteria Data

Facility ID:	20440	***CERR Code:***	
Facility SIC Code:	3993	***TOGT:***	5.3
CO:	19	***ROGT:***	.39446
Air Basin:	SC	***COT:***	0
District:	SC	***NOXT:***	0
COID:	LA	***SOXT:***	
DISN:	SOUTH COAST AQMD	***PMT:***	0
CHAPIS:		***PM10T:***	0

1995 Toxic Data

Facility ID:	20440	***COID:***	LA
Facility SIC Code:	3993	***DISN:***	SOUTH COAST AQMD
CO:	19	***CHAPIS:***	
Air Basin:	SC	***CERR Code:***	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1997 Criteria Data

Facility ID:	20440	***CERR Code:***	
Facility SIC Code:	3993	***TOGT:***	3.6092106
CO:	19	***ROGT:***	3.59235612966
Air Basin:	SC	***COT:***	.014
District:	SC	***NOXT:***	.044
COID:	LA	***SOXT:***	.000275
DISN:	SOUTH COAST AQMD	***PMT:***	.002265
CHAPIS:		***PM10T:***	.00208361

1997 Toxic Data

Facility ID:	20440	***COID:***	LA
Facility SIC Code:	3993	***DISN:***	SOUTH COAST AQMD
CO:	19	***CHAPIS:***	
Air Basin:	SC	***CERR Code:***	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1998 Criteria Data

Facility ID:	20440	***CERR Code:***	
Facility SIC Code:	3993	***TOGT:***	3.6122505
CO:	19	***ROGT:***	3.59266349055
Air Basin:	SC	***COT:***	.014
District:	SC	***NOXT:***	.044
COID:	LA	***SOXT:***	.000275
DISN:	SOUTH COAST AQMD	***PMT:***	.002265
CHAPIS:		***PM10T:***	.00208361

1998 Toxic Data

Facility ID:	20440	**COID:**	LA
Facility SIC Code:	3993	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1999 Criteria Data

Facility ID:	20440	**CERR Code:**	
Facility SIC Code:	3993	**TOGT:**	3.6092106
CO:	19	**ROGT:**	3.59235612966
Air Basin:	SC	**COT:**	.014
District:	SC	**NOXT:**	.044
COID:	LA	**SOXT:**	.000275
DISN:	SOUTH COAST AQMD	**PMT:**	.002265
CHAPIS:		**PM10T:**	.00208361

1999 Toxic Data

Facility ID:	20440	**COID:**	LA
Facility SIC Code:	3993	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2000 Criteria Data

Facility ID:	20440	**CERR Code:**	
Facility SIC Code:	3993	**TOGT:**	3.6092106
CO:	19	**ROGT:**	3.59
Air Basin:	SC	**COT:**	.014
District:	SC	**NOXT:**	.044
COID:	LA	**SOXT:**	.000275
DISN:	SOUTH COAST AQMD	**PMT:**	.002265
CHAPIS:		**PM10T:**	0

2000 Toxic Data

Facility ID:	20440	**COID:**	LA
Facility SIC Code:	3993	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2001 Criteria Data

Facility ID:	20440	**CERR Code:**	
Facility SIC Code:	3993	**TOGT:**	3.61
CO:	19	**ROGT:**	3.59
Air Basin:	SC	**COT:**	.01

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

District:	SC	**NOXT:**	.04
COID:	LA	**SOXT:**	0
DISN:	SOUTH COAST AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

2001 Toxic Data

Facility ID:	20440	**COID:**	LA
Facility SIC Code:	3993	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2015 Toxic Data

Facility ID:	20440	**COID:**	LA
Facility SIC Code:	2759	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2016 Toxic Data

Facility ID:	20440	**TS:**	
Facility SIC Code:	2759	**HRA:**	
CERR CODE:		**CH Index:**	
COID:	LA	**AH Index:**	
CO:	19	**Air Basin:**	SC
DISN:	SOUTH COAST AQMD	**District:**	SC
CHAPIS:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
16	5 of 9	WSW	0.11 / 603.73	323.21 / -59	ROSS NAME PLATE CO 2 RED PLUM CIRCLE MONTEREY PARK CA 91754	EMISSIONS

1990 Criteria Data

Facility ID:	20440	**CERR Code:**	
Facility SIC Code:	3993	**TOGT:**	7
CO:	19	**ROGT:**	3.6784
Air Basin:	SC	**COT:**	0
District:	SC	**NOXT:**	0
COID:	LA	**SOXT:**	
DISN:	SOUTH COAST AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

1990 Toxic Data

Facility ID:	20440	**COID:**	LA
Facility SIC Code:	3993	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
TS:						
Health Risk Asmt:						
Non-Cancer Chronic Haz Ind:						
Non-Cancer Acute Haz Ind:						
16	6 of 9	WSW	0.11 / 603.73	323.21 / -59	ROSS NAME PLATE COMPANY 2 RED PLUM CIR MONTEREY PARK CA 91755	CERS HAZ

Site ID: 63025
Latitude: 34.038630
Longitude: -118.117670
County:

Regulated Programs

EI ID:	10280374	**EI Description:**	RCRA LQ HW Generator
EI ID:	10280374	**EI Description:**	Hazardous Waste Generator
EI ID:	10280374	**EI Description:**	Chemical Storage Facilities
EI ID:	10280374	**EI Description:**	Hazardous Waste Onsite Treatment

Violations

Violation Date: 06/06/2019
Violation Source: CERS
Violation Program: HW
Violation Division: Los Angeles County Fire Department
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Notes:

Returned to compliance on 07/18/2019. OBSERVATION: The used spray booth filters located in the spray booth room was observed being accumulated in waste container and a proper waste determination has not been made. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the used spray booth filter has been properly characterized to determine if it is a hazardous waste. If determined to be hazardous submit a manifest/receipt documenting proper disposal and a statement demonstrating how you will manage it in the future.

Violation Description:

Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.

Violations

Violation Date: 04/07/2016
Violation Source: CERS
Violation Program: HWLQG
Violation Division: Los Angeles County Fire Department
Citation: 22 CCR 15 66262.41 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66262.41
Violation Notes:

OBSERVATION: The 2016 Biennial report was not prepared and submitted to DTSC. A generator who ships any hazardous waste offsite to a TSDF within the United States shall prepare and submit a Biennial Report, U.S. EPA Form 8700, to the DTSC by March 1 of each even-numbered year, and shall cover generator activities during the previous calendar year. CORRECTIVE ACTION: Immediately prepare a report for the 2016 calendar year and submit it to the DTSC. Ensure that this report is done in a timely manner.

Violation Description:

Failure of a large quantity RCRA generator to complete the Biennial report (Form 8700) by March 1st on even numbered years and maintain it onsite for three years.

Violations

Violation Date: 04/07/2016
Violation Source: CERS
Violation Program: CA
Violation Division: Los Angeles County Fire Department
Citation: 22 CCR 45 67450.13(a)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(2)

Violation Notes:

Returned to compliance on 12/06/2017. OBSERVATION: A written estimate of closure costs for the fixed treatment unit(s) has not been submitted to the CERS. A owner/operator shall prepare a written estimate of the cost of closing each unit. CORRECTIVE ACTION: Submit the written estimate of closure costs for financial assurance for each unit to the CERS. Provide financial assurance documents if closure cost is more than $10,000.

Violation Description:

Failure to adjust Closure Costs for inflation / deflation by March 1st.

Violations

Violation Date: 04/07/2016 ***Violation Source:*** CERS
Violation Program: CA ***Violation Division:*** Los Angeles County Fire Department
Citation: HSC 6.5 25200.14(b)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25200.14(b)(1)
Violation Notes:

Returned to compliance on 12/06/2017. OBSERVATION: A copy of the HW contingency plan was not maintained at the facility and/or submitted to the required agencies listed in this section. CORRECTIVE ACTION: Immediately maintain a HW contingency plan at the facility and/or submit a copy to California Environmental Reporting System (CERS).

Violation Description:

Failure to submit a Phase I Checklist.

Violations

Violation Date: 06/06/2019 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Los Angeles County Fire Department
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Notes:

Returned to compliance on 06/06/2019. OBSERVATION: 1 x 250 gallon of waste filter cake located in the hazardous waste storage room was observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled. Observed operator provided a hazardous waste label to the filter cake container at time of inspection.

Violation Description:

Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violations

Violation Date: 04/07/2016 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Los Angeles County Fire Department
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Notes:

Returned to compliance on 12/06/2017. OBSERVATION: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Observed owner has not completed the Business Activities Page, Hazardous Materials Inventory Page, Site Map, Waste Water Treatment Page, Emergency Response/Contingency Plan and Training Plan in California Environmental Reporting System (CERS) CORRECTIVE ACTION: Establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Complete and submit the following information to CERS: 1. Business Activities: Select "Yes" to question #8 as a Large Quantity Generator. 2. Hazardous Material Inventory: Report hazardous materials in Maximum Daily Amount for the following hazardous materials: Ferric Acid 175 gallons, Sulfuric Acid 150 gallons, Hydrofluoric Acid 120 [Truncated]

Violation Description:

Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

Violations

Violation Date: 06/06/2019 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Los Angeles County Fire Department
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Notes:

Returned to compliance on 06/06/2019. OBSERVATION: 1 x 250 gallon of waste filter cake located in the hazardous waste storage room was observed open. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly closed. Observed operator provided cover to the waste filter cake container at time of inspection.

Violation Description:

Failure to meet the following container management requirements:
(a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste.
(b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.

Violations

Violation Date: 06/06/2019 ***Violation Source:*** CERS
Violation Program: CA ***Violation Division:*** Los Angeles County Fire Department
Citation: 22 CCR 45 67450.13(a)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(2)
Violation Notes:

Returned to compliance on 07/18/2019. OBSERVATION: An adjustment for the closure cost estimate was not completed by March 1 of each year. The Owner/Operator or Generator shall adjust the closure cost estimate for inflation by March 1 of each year. Observed closure cost estimate with annual inflation adjustment was reflected up to 2016. CORRECTIVE ACTION: Ensure that the closure cost estimate is adjusted for inflation by March 1 of each year. Provide closure cost estimate with annual inflation adjustment updated to 2019.

Violation Description:

Failure to adjust Closure Costs for inflation/deflation by March 1st.

Violations

Violation Date: 06/07/2022 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Los Angeles County Fire Department
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Notes:

OBSERVATION: The waste water from plating processes located in the wastewater treatment area was observed being treated and a proper waste determination has not been made. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the waste water has been properly characterized to determine if it is a hazardous waste. If determined to be hazardous submit a manifest/receipt documenting proper disposal and a statement demonstrating how you will manage it in the future.

Violation Description:

Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.

Violations

Violation Date: 04/07/2016 ***Violation Source:*** CERS
Violation Program: HWLQG ***Violation Division:*** Los Angeles County Fire Department
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Notes:

Returned to compliance on 04/07/2016. OBSERVATION: Observed no hazardous waste label posted on filter cake containers and used oil containers. All hazardous waste containers shall be marked with the following information: 1) the words "Hazardous Waste"; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information. Observed plant manager provided hazardous waste label to both filter cake containers and used oil containers at the end of inspection.

Violation Description:

Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the

generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violations

Violation Date: 06/07/2022 ***Violation Source:*** CERS
Violation Program: CA ***Violation Division:*** Los Angeles County Fire Department
Citation: 22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
Violation Notes:

OBSERVATION: Owner/Operator failed to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service, and/or the tank assessment is not complete. CORRECTIVE ACTION: Complete written tank assessment on tank system prior to placing the tank system into service, or complete now if system is already in service. Assessment must be reviewed and certified by an independent, qualified, professional engineer.

Violation Description:

Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation. The tank assessment shall be valid for five (5) years.

Violations

Violation Date: 04/07/2016 ***Violation Source:*** CERS
Violation Program: CA ***Violation Division:*** Los Angeles County Fire Department
Citation: HSC 6.5 25200.14(b)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25200.14(b)(1)
Violation Notes:

Returned to compliance on 12/06/2017. OBSERVATION: A Tiered Permitting Phase I Environmental Assessment Checklist (DTSC Form 1151) has not been submitted to the CUPA. An Owner/Operator/Generator is required to complete and file a phase I environmental assessment with the CUPA one year from the date that the facility or generator becomes authorized to operate. CORRECTIVE ACTION: Immediately submit the required Tiered Permitting Phase I Environmental Assessment Checklist to the CUPA.

Violation Description:

Failure to submit a Phase I Checklist.

Violations

Violation Date: 04/07/2016 ***Violation Source:*** CERS
Violation Program: HWLQG ***Violation Division:*** Los Angeles County Fire Department
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Notes:

Observed no training plan and training record for reviewing on site at time of inspection. Provide training plan with procedures and job specific title and training records on site.

Violation Description:

Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.

Evaluations

Eval Date: 06/07/2022

Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: CA
Eval Source: CERS
Eval Notes:

Jose Gomez, Plant Manager.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/07/2022
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Jose Gomez, Plant Manager.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/06/2017
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: CA
Eval Source: CERS
Eval Notes:

Jose Gomez, Plant Manager; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/07/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Jose Gomez, Plant Manager.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/06/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: CA
Eval Source: CERS
Eval Notes:

Jose Gomez, Plant Manager; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/07/2016
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HWLQG
Eval Source: CERS
Eval Notes:

Jose Gomez (Plant Manager); Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 07/18/2019
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: CA
Eval Source: CERS
Eval Notes:

Eval Date: 04/07/2016
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: CA
Eval Source: CERS
Eval Notes:

Jose Gomez (Plant Manager); Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 07/18/2019
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 06/06/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Jose Gomez, Plant Manager Observed no significant violation on site at time of inspection.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/07/2016
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Jose Gomez (Plant Manager); Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/06/2017
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Jose Gomez, Plant Manager; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date:	06/06/2019
Violations Found:	Yes
Eval General Type:	Compliance Evaluation Inspection
Eval Type:	Routine done by local agency
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval Notes:	

Jose Gomez, Plant Manager; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc:	Onsite Treatment Unit Owner Operator
Entity Name:	JOSE GOMEZ
Entity Title:	PLANT MANAGER
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	

Affil Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	
Address:	5825 Rickenbacker Road
City:	Commerce
State:	CA
Country:	
Zip Code:	90040-3027
Phone:	(323) 890-4000

Affil Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	
Address:	2 RED PLUM CIR
City:	MONTEREY PARK
State:	CA
Country:	
Zip Code:	91755
Phone:	

Affil Type Desc:	Operator
Entity Name:	Brett Henderson
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	(323) 725-6812

Affil Type Desc:	Parent Corporation
Entity Name:	ROSS NAME PLATE COMPANY
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	

Affil Type Desc:	Environmental Contact
Entity Name:	JOSE GOMEZ
Entity Title:	
Address:	2 RED PLUM CIR

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755
Phone:

Affil Type Desc: Identification Signer
Entity Name: JOSE GOMEZ
Entity Title: PLANT MANAGER
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Property Owner
Entity Name: Ross Name Plate Co.
Entity Title:
Address: 2 Red Plum Circle
City: Monterrey Park
State: CA
Country: United States
Zip Code: 91755
Phone: (323) 725-6812

Affil Type Desc: Legal Owner
Entity Name: ROSS NAME PLATE COMPANY
Entity Title:
Address: 2 RED PLUM CIRCLE
City: MONTEREY PARK
State: CA
Country: United States
Zip Code: 91755
Phone: (323) 725-6812

Affil Type Desc: Document Preparer
Entity Name: JOSE GOMEZ
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

16	7 of 9	WSW	0.11 / 603.73	323.21 / -59	ROSS NAME PLATE COMPANY 2 RED PLUM CIR MONTEREY PARK CA 91755	CUPA LA COUNTY

Facility ID: FA0021690
CERS ID: 10280374

Active Facility Details

PE: 3003

PE: 1003

PE: 2010

16	8 of 9	WSW	0.11 / 603.73	323.21 / -59	ROSS NAME PLATE CO NUMBER 2 RED PLUM CR MONTEREY PARK CA 91754	RCRA LQG

EPA Handler ID: CAD981685373

Gen Status Universe:	Large Quantity Generator
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	NUMBER 2 RED PLUM CR , , MONTEREY PARK , CA, 91754 , US
Contact Phone No and Ext:	213-725-6812
Contact Email:	
Contact Country:	US
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	Other
Receive Date:	19861021
Location Latitude:	34.038676
Location Longitude:	-118.117528

Violation/Evaluation Summary

Note:	VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Jan, 2023.

Violation Details

Found Violation:	Yes
Citation:	
Violation Short Description:	Generators - Records/Reporting
Violation Type:	262.D
Violation Determined Date:	20160407
Scheduled Compliance Date:	
Return to Compliance:	
Actual Return to Compl:	
Violation Responsible Agency:	State

Violation Details

Found Violation:	Yes
Citation:	
Violation Short Description:	Generators - Pre-transport
Violation Type:	262.C
Violation Determined Date:	20160407
Scheduled Compliance Date:	
Return to Compliance:	Documented
Actual Return to Compl:	20160407
Violation Responsible Agency:	State

Violation Details

Found Violation:	Yes
Citation:	
Violation Short Description:	Generators - General
Violation Type:	262.A
Violation Determined Date:	20160407
Scheduled Compliance Date:	
Return to Compliance:	
Actual Return to Compl:	
Violation Responsible Agency:	State

Evaluation Details

Evaluation Start Date:	20160407
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - Pre-transport
Return to Compliance Date:	20160407
Evaluation Agency:	State

Evaluation Start Date:	19930308

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State Contractor/Grantee

Evaluation Start Date: 20160407
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20160407
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Records/Reporting
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19861021
Handler Name: ROSS NAME PLATE CO
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: ROSS HARRY
Dt Became Current:
Dt Ended Current:
Phone: 415-555-1212
Source Type: Notification

Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: ME
Country:
Zip Code: 99999

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16 | ***9 of 9*** | ***WSW*** | ***0.11 / 603.73*** | ***323.21 / -59*** | ***ROSS NAME PLATE***
2 RED PLUM
MONTEREY PARK CA | ***UST SWEEPS***

C C: A19-000-7314
BOE:
Comp: 7314
Status: ACTIVE
No of Tanks: 1
Jurisdict: LOS ANGELES COUNTY
Agency: WASTE MANAGEMENT DEPARTMENT

D Filename: SITE04A
Page No: 471
County: LOS ANGELES
State : CA
Zip: 91754
Latitude: 34.038701
Longitude: -118.11611

Phone: **Georesult:** S5HPN-SC-A

Tank Details

Tank ID:	000001	**S Contain:**	
O Tank ID:		**Stg:**	P
SWRCB No:	19-000-007314-000001	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:	03-15-90	**Content:**	REG UNLEADED
Capac:	5000	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	TANK4A

17 **1 of 1** **SW** **0.12 / 658.97** **327.90 / -54** **TMC POWER EQUIPMENT, INC.**
2051 SATURN STREET
MONTEREY PARK CA 91754
RCRA NON GEN

EPA Handler ID:	CAL912605187
Gen Status Universe:	No Report
Contact Name:	LARRY MURONAKA
Contact Address:	2051 , SATURN STREET , , MONTEREY PARK , CA, 91755 , US
Contact Phone No and Ext:	323-728-7266
Contact Email:	
Contact Country:	US
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	Private
Receive Date:	20180628
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20180628
Handler Name:	TMC POWER EQUIPMENT, INC.
Source Type:	Notification
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Waste Code Details

Hazardous Waste Code: 135
Waste Code Description: Unspecified aqueous solution

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: KAZUO KANEMITSU
Date Became Current:
Date Ended Current:
Phone:
Source Type: Notification
Street No: 2051
Street 1: SATURN STREET
Street 2:
City: MONTEREY PARK
State: CA
Country: US
Zip Code: 91755

Owner/Operator Ind: Current Operator
Type: Private
Name: DEAN KANEMITSU
Date Became Current:
Date Ended Current:
Phone: 323-728-7266
Source Type: Notification
Street No: 2051
Street 1: SATURN STREET
Street 2:
City: MONTEREY PARK
State: CA
Country: US
Zip Code: 91755

Owner/Operator Ind: Current Operator
Type: Private
Name: LARRY MURONAKA
Date Became Current:
Date Ended Current:
Phone: 323-728-7266
Source Type: Notification
Street No: 2051
Street 1: SATURN STREET
Street 2:
City: MONTEREY PARK
State: CA
Country: US
Zip Code: 91755

Owner/Operator Ind: Current Owner
Type: Private
Name: FUMIKO KANEMITSU
Date Became Current:
Date Ended Current:
Phone:
Source Type: Notification
Street No: 2051
Street 1: SATURN STREET
Street 2:
City: MONTEREY PARK
State: CA
Country: US
Zip Code: 91755

18	1 of 1	NNE	0.14 / 745.03	456.67 / 75	ANGEL SANCHEZ 624 ACKLEY STREET MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC002972501
Gen Status Universe: No Report
Contact Name: ANGEL SANCHEZ
Contact Address: 624 ACKLEY STREET , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 626-232-3208
Contact Email: LUPE@FRESHAIRENVIRONMENTAL.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20180724
Location Latitude: 34.043708
Location Longitude: -118.113533

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20180724
Handler Name:	ANGEL SANCHEZ
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	624 ACKLEY STREET
Name:	ANGEL SANCHEZ	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-232-3208	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	624 ACKLEY STREET
Name:	ANGEL SANCHEZ	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-232-3208	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
19	*1 of 1*	*NW*	*0.14 / 745.46*	*405.64 / 24*	***WILDA LAW*** ***509 TAYLOR DR.*** ***MONTEREY PARK CA 91755***	***RCRA NON GEN***

EPA Handler ID:	CAC003083151
Gen Status Universe:	No Report
Contact Name:	WILDA LAW
Contact Address:	509 TAYLOR DR. , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-307-0303
Contact Email:	KC@AQHIINC.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20200910
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20200910
Handler Name:	WILDA LAW
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	509 TAYLOR DR.
Name:	WILDA LAW	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-307-0303	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	509 TAYLOR DR.
Name:	WILDA LAW	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-307-0303	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

20	*1 of 2*	***SSW***	***0.14 / 759.15***	***342.15 / -40***	***601 POTRERO GRANDE DR MONTEREY PARK CA 917557430***	***HMS LA***

Site No:	020971
Area:	3M

Detail Info

Permit No:		***Status:***	File Opened, no permit exists
Permit Status:		***File No:***	029706
Permit Category:		***File Name:***	ARROWHEAD WATERS CO
Permit Type:			

20	*2 of 2*	***SSW***	***0.14 / 759.15***	***342.15 / -40***	***CARE1ST HEALTH PLAN 601 PORTRERO GRANDE***	***RCRA NON GEN***

EPA Handler ID: CAC002990067
Gen Status Universe: No Report
Contact Name: SCOTT KISSACK
Contact Address: 601 PORTRERO GRANDE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 323-889-6556
Contact Email: DBANKS@CARE1ST.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20181120
Location Latitude: 34.038788
Location Longitude: -118.110003

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20181120
Handler Name: CARE1ST HEALTH PLAN
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: SCOTT KISSACK
Date Became Current:
Date Ended Current:
Phone: 323-889-6556
Source Type: Implementer
Street No:
Street 1: 601 PORTRERO GRANDE
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Operator
Type: Other
Name: SCOTT KISSACK
Date Became Current:
Date Ended Current:
Phone: 323-889-6556
Street No:
Street 1: 601 PORTRERO GRANDE
Street 2:
City: MONTEREY PARK
State: CA
Country:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source Type:	Implementer			Zip Code:	91755	

21 **1 of 13** **ESE** **0.16 / 834.70** **360.55 / -21** **OPERATING INDUSTRIES, INC., LANDFILL**
900 N POTRERO GRANDE DR
MONTEREY PARK CA 91754 **CERCLIS**

Site ID:	0902673	RNPL Status Code:	F
Site EPA ID:	CAT080012024	NPL Status:	Currently on the Final NPL
Site Street Address 2:		RFED Facility Code:	N
Site County Name:	LOS ANGELES	RFED Facility Desc:	Not a Federal Facility
Site FIPS Code:	06037	USGS Hydro Unit No.:	18070105
Region Code:	09	Site Cong. Dist. Code:	27
Site SMSA No.:	4480	ROT Desc:	Private
Site Prim. Latitude:	+34.033330	FR NPL Update No.:	6
Site Prim. Longitude:	-118.105550	RFRA Code:	F
Lat Long Source:	EPA HQ		
RNON NPL Status Desc:			

CERCLIS Site Contact Name(s)

Person ID:	9271138.00
First Name:	Richard
Last Name:	Hiett
Phone No.:	4159723170
Email:	

CERCLIS Site Contact Name(s)

Person ID:	9000171.00
First Name:	Chris
Last Name:	Weden
Phone No.:	4159723041
Email:	

CERCLIS Site Contact Name(s)

Person ID:	13004003.00
First Name:	Carl
Last Name:	Brickner
Phone No.:	
Email:	

CERCLIS Site Contact Name(s)

Person ID:	13003858.00
First Name:	Sharon
Last Name:	Murray
Phone No.:	4159724250
Email:	

CERCLIS Site Contact Name(s)

Person ID:	13003854.00
First Name:	Leslie
Last Name:	Ramirez
Phone No.:	4159723978
Email:	

CERCLIS Site Contact Name(s)

Person ID: 13003957.00
First Name: Carmen
Last Name: Santiago-Ocasio
Phone No.: 4159723525
Email:

CERCLIS Assess History

OU ID: 00
Act Code ID: 003
RAT Code: FE
RAT Short Name: 5 YEAR
RAT Name: FIVE-YEAR REVIEW
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code: A
SPA Code: 09
RALT Short Name: EPA Fund
Act Start Date: 1/25/2000 00:00:00
Act Complete Date: 2/18/2000 00:00:00
AGT Order No.: 1010
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
RAT Def: A review that is conducted at a minimum of every five years to determine if the implementation and performance of a remedy is protective or will be protective of human health and the environment.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 02
Act Code ID: 002
RAT Code: RO
RAT Short Name: ROD
RAT Name: RECORD OF DECISION
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU:
RFBS Code:
SPA Code: 13
RALT Short Name: EPA Fund
Act Start Date:
Act Complete Date: 11/16/1987 00:00:00
AGT Order No.: 610
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
RAT Def: The final Record of Decision (ROD) is signed by the appropriate agency indicating that the agency has chosen the remedy for site remediation. ROD signature is signified by the complete date.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 04
Act Code ID: 002
RAT Code: FS
RAT Short Name: FS
RAT Name: FEASIBILITY STUDY
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU:
RFBS Code: P
SPA Code: 13
RALT Short Name: Fed Enforce
Act Start Date: 3/26/1987 00:00:00
Act Complete Date: 7/31/1987 00:00:00
AGT Order No.: 550
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
RAT Def: A study of a hazardous waste site intended to (1) evaluate alternative remedial actions from technical, environmental, and cost-effectiveness perspectives; (2) recommend the cost-effective remedial action; and (3) prepare a conceptual design, a cost estimate for budgetary purposes, and a preliminary construction schedule.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 00
RALT Short Name: EPA Fund

Act Code ID:	002	**Act Start Date:**	7/1/1989 00:00:00
RAT Code:	AR	**Act Complete Date:**	7/1/1989 00:00:00
RAT Short Name:	ADMM REC	**AGT Order No.:**	580
RAT Name:	ADMINISTRATIVE RECORDS	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: SARA specifies that administrative records be compiled at Superfund sites where remedial or removal responses are planned, or are occurring, or where EPA is issuing a unilateral order or initiating litigation to track enforcement case budget funds used for any RP lead activity.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	04	**RALT Short Name:**	PRP Rsp Fed
Act Code ID:	001	**Act Start Date:**	5/11/1989 00:00:00
RAT Code:	BF	**Act Complete Date:**	5/10/1997 00:00:00
RAT Short Name:	PRP RA	**AGT Order No.:**	880
RAT Name:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Action (RA), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	002	**Act Start Date:**	9/6/1990 00:00:00
RAT Code:	RS	**Act Complete Date:**	9/6/1990 00:00:00
RAT Short Name:	RV ASSESS	**AGT Order No.:**	30
RAT Name:	REMOVAL ASSESSMENT	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	V	**SH Lead:**	
SPA Code:	08		

RAT Def: Collecting site characteristics to determine whether or not a removal must be performed.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	1/1/1984 00:00:00
RAT Code:	SI	**Act Complete Date:**	4/1/1984 00:00:00
RAT Short Name:	SI	**AGT Order No.:**	160
RAT Name:	SITE INSPECTION	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	

SPA Code: 13
RAT Def: The process of collecting site data and samples to characterize the severity of the hazard for the hazard ranking score and/or enforcement support.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 01
Act Code ID: 002
RAT Code: RI
RAT Short Name: RI
RAT Name: REMEDIAL INVESTIGATION
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU:
RFBS Code: P
SPA Code: 13
RALT Short Name: Fed Enforce
Act Start Date: 4/10/1986 00:00:00
Act Complete Date: 3/30/1990 00:00:00
AGT Order No.: 440
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
RAT Def: An investigation intended to gather the data necessary to: (1) determine the nature and extent of problems at the site; (2) establish cleanup criteria for the site; (3) identify preliminary alternative remedial actions; and (4) support the technical and cost analyses of the alternatives.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 01
Act Code ID: 005
RAT Code: FE
RAT Short Name: 5 YEAR
RAT Name: FIVE-YEAR REVIEW
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code: A
SPA Code: 09
RALT Short Name: EPA Fund
Act Start Date: 1/4/2010 00:00:00
Act Complete Date: 9/27/2010 00:00:00
AGT Order No.: 1010
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
RAT Def: A review that is conducted at a minimum of every five years to determine if the implementation and performance of a remedy is protective or will be protective of human health and the environment.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 02
Act Code ID: 002
RAT Code: BF
RAT Short Name: PRP RA
RAT Name: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU:
RFBS Code: P
SPA Code: 13
RALT Short Name: PRP Rsp Fed
Act Start Date: 7/18/1991 00:00:00
Act Complete Date: 9/29/1995 00:00:00
AGT Order No.: 880
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Action (RA), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	
Act Code ID:		**Act Start Date:**	
RAT Code:		**Act Complete Date:**	
RAT Short Name:		**AGT Order No.:**	0
RAT Name:		**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:		**SH Seq:**	
RAT Level:		**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:			
RAT Def:			
Site Desc:	The Operating Industries, Inc. (OII) site is located approximately 10 miles east of Los Angeles in Monterey Park, California. The OII site consists of a 190 acre landfill which was operated from 1948 to 1984, and was used for disposal of municipal and ind **NOTE: Data in [Site Desc] field for some recods is truncated from the source.		
Site Alias:	MONTEREY PARK LDFL,,,CA,;OII,,,CA,;OPERATING INDUSTRIES, INC., LANDFILL,900 N POTRERO GRANDE DR,MONTEREY PARK,CA,91754;		

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	
RAT Code:	PA	**Act Complete Date:**	4/1/1984 00:00:00
RAT Short Name:	PA	**AGT Order No.:**	130
RAT Name:	PRELIMINARY ASSESSMENT	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		
RAT Def:	Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.		
Site Desc:			
Site Alias:			

CERCLIS Assess History

OU ID:	01	**RALT Short Name:**	Fed Enforce
Act Code ID:	001	**Act Start Date:**	9/24/1984 00:00:00
RAT Code:	FP	**Act Complete Date:**	10/10/1985 00:00:00
RAT Short Name:	FPA	**AGT Order No.:**	270
RAT Name:	FORWARD PLANNING	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:	13		
RAT Def:	The process which identifies the projects which may be necessary to restore a hazardous waste site.		
Site Desc:			
Site Alias:			

CERCLIS Assess History

OU ID:	03	**RALT Short Name:**	Fed Enforce
Act Code ID:	003	**Act Start Date:**	
RAT Code:	RO	**Act Complete Date:**	9/30/1988 00:00:00
RAT Short Name:	ROD	**AGT Order No.:**	610
RAT Name:	RECORD OF DECISION	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:		**SH Lead:**	

SPA Code: 13
RAT Def: The final Record of Decision (ROD) is signed by the appropriate agency indicating that the agency has chosen the remedy for site remediation. ROD signature is signified by the complete date.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 04
Act Code ID: 004
RAT Code: OM
RAT Short Name: OM
RAT Name: OPERATIONS AND MAINTENANCE
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU:
RFBS Code: P
SPA Code: 09
RALT Short Name: PRP Rsp Fed
Act Start Date: 5/10/1997 00:00:00
Act Complete Date:
AGT Order No.: 990
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
RAT Def: Site requirements associated with a remedy that must be performed after the completion of a remedial action.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 00
Act Code ID: 001
RAT Code: RV
RAT Short Name: RMVL
RAT Name: REMOVAL
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code: V
SPA Code: 08
RALT Short Name: EPA Fund
Act Start Date: 10/8/1985 00:00:00
Act Complete Date: 8/1/1987 00:00:00
AGT Order No.: 70
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
RAT Def: Response action that requires expeditious attention to reduce imminent and substantial dangers to human health, welfare, or the environment or an emergency response required within hours or days to address acute situations involving actual or potential threat to human health, the environment, or real or personal property due to the release of a hazardous substance. Characterization of a removal action as removal, not immediate removal or planned removal, started at the beginning of FY 1987. This code now takes the place of immediate removal (IR) and planned removal (PR).
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 02
Act Code ID: 002
RAT Code: TA
RAT Short Name: TECH A
RAT Name: TECHNICAL ASSISTANCE
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code: P
SPA Code: 09
RALT Short Name: Fed Enforce
Act Start Date: 12/31/1985 00:00:00
Act Complete Date:
AGT Order No.: 500
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
RAT Def: Participation in the conduct of fund-financed Remedial Investigation/Feasibility Study (RI/FS).
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	
RAT Code:	NF	**Act Complete Date:**	6/10/1986 00:00:00
RAT Short Name:	NPL FINL	**AGT Order No.:**	202
RAT Name:	FINAL LISTING ON NATIONAL PRIORITIES LIST	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		
RAT Def:	Site moved from proposed list to final National Priority List.		
Site Desc:			
Site Alias:			

CERCLIS Assess History

OU ID:	01	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	9/15/1989 00:00:00
RAT Code:	CO	**Act Complete Date:**	9/30/1996 00:00:00
RAT Short Name:	RI/FS	**AGT Order No.:**	430
RAT Name:	COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		
RAT Def:	The process of data collection and analyses of the site problem, identification of preliminary remedial alternatives, and recommendation of a cost-effective remedy. There can be multiple Remedial Investigation/Feasibility Studies (RI/FS) conducted at a site.		
Site Desc:			
Site Alias:			

CERCLIS Assess History

OU ID:	01	**RALT Short Name:**	PRP Rsp Fed
Act Code ID:	004	**Act Start Date:**	5/8/2002 00:00:00
RAT Code:	BF	**Act Complete Date:**	9/29/2003 00:00:00
RAT Short Name:	PRP RA	**AGT Order No.:**	880
RAT Name:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		
RAT Def:	Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Action (RA), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.		
Site Desc:			
Site Alias:			

CERCLIS Assess History

OU ID:	04	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	
RAT Code:	RO	**Act Complete Date:**	7/31/1987 00:00:00
RAT Short Name:	ROD	**AGT Order No.:**	610
RAT Name:	RECORD OF DECISION	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	

RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:	13		

RAT Def: The final Record of Decision (ROD) is signed by the appropriate agency indicating that the agency has chosen the remedy for site remediation. ROD signature is signified by the complete date.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	04	**RALT Short Name:**	PRP Rsp Fed
Act Code ID:	001	**Act Start Date:**	5/11/1989 00:00:00
RAT Code:	BE	**Act Complete Date:**	1/4/1991 00:00:00
RAT Short Name:	PRP RD	**AGT Order No.:**	800
RAT Name:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Design (RD), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	02	**RALT Short Name:**	Fed Enforce
Act Code ID:	001	**Act Start Date:**	3/19/1985 00:00:00
RAT Code:	FS	**Act Complete Date:**	11/16/1987 00:00:00
RAT Short Name:	FS	**AGT Order No.:**	550
RAT Name:	FEASIBILITY STUDY	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: A study of a hazardous waste site intended to (1) evaluate alternative remedial actions from technical, environmental, and cost-effectiveness perspectives; (2) recommend the cost-effective remedial action; and (3) prepare a conceptual design, a cost estimate for budgetary purposes, and a preliminary construction schedule.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	03	**RALT Short Name:**	PRP Rsp Fed
Act Code ID:	003	**Act Start Date:**	4/1/1992 00:00:00
RAT Code:	BE	**Act Complete Date:**	5/28/1998 00:00:00
RAT Short Name:	PRP RD	**AGT Order No.:**	800
RAT Name:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Design (RD), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative

orders, consent decrees, judicial decrees, information agreements, and compliance schedules.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	
RAT Code:	RS	***Act Complete Date:***	12/30/1992 00:00:00
RAT Short Name:	RV ASSESS	***AGT Order No.:***	30
RAT Name:	REMOVAL ASSESSMENT	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	V	***SH Lead:***	
SPA Code:	08		

RAT Def: Collecting site characteristics to determine whether or not a removal must be performed.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	004	***Act Start Date:***	11/23/1992 00:00:00
RAT Code:	RV	***Act Complete Date:***	3/15/2002 00:00:00
RAT Short Name:	RMVL	***AGT Order No.:***	70
RAT Name:	REMOVAL	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	V	***SH Lead:***	
SPA Code:	08		

RAT Def: Response action that requires expeditious attention to reduce imminent and substantial dangers to human health, welfare, or the environment or an emergency response required within hours or days to address acute situations involving actual or potential threat to human health, the environment, or real or personal property due to the release of a hazardous substance. Characterization of a removal action as removal, not immediate removal or planned removal, started at the beginning of FY 1987. This code now takes the place of immediate removal (IR) and planned removal (PR).
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	
RAT Code:	NP	***Act Complete Date:***	10/15/1984 00:00:00
RAT Short Name:	PROPOSED	***AGT Order No.:***	200
RAT Name:	PROPOSAL TO NATIONAL PRIORITIES LIST	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: Site proposed for inclusion on the National Priority List based on the Hazard Ranking System (HRS) score for the site.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	02	***RALT Short Name:***	PRP Rsp Fed
Act Code ID:	002	***Act Start Date:***	5/11/1989 00:00:00

RAT Code:	BE	***Act Complete Date:***	7/18/1991 00:00:00
RAT Short Name:	PRP RD	***AGT Order No.:***	800
RAT Name:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Design (RD), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	003	***Act Start Date:***	2/15/1987 00:00:00
RAT Code:	RV	***Act Complete Date:***	8/1/1987 00:00:00
RAT Short Name:	RMVL	***AGT Order No.:***	70
RAT Name:	REMOVAL	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	V	***SH Lead:***	
SPA Code:	08		

RAT Def: Response action that requires expeditious attention to reduce imminent and substantial dangers to human health, welfare, or the environment or an emergency response required within hours or days to address acute situations involving actual or potential threat to human health, the environment, or real or personal property due to the release of a hazardous substance. Characterization of a removal action as removal, not immediate removal or planned removal, started at the beginning of FY 1987. This code now takes the place of immediate removal (IR) and planned removal (PR).

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	
RAT Code:	HR	***Act Complete Date:***	4/1/1984 00:00:00
RAT Short Name:	HAZRANK	***AGT Order No.:***	190
RAT Name:	HAZARD RANKING SYSTEM PACKAGE	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: A numeric estimate of the relative severity of a hazardous substance release or potential release based on: (1) the relative potential of substances to cause hazardous situations; (2) the likelihood and rate at which the substances may affect human and environmental receptors; and (3) the severity and magnitude of potential effects. The score is computed using the hazard ranking system (HRS).

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	01	***RALT Short Name:***	Fed Enforce
Act Code ID:	001	***Act Start Date:***	4/30/1989 00:00:00
RAT Code:	MA	***Act Complete Date:***	
RAT Short Name:	ST COOP	***AGT Order No.:***	300
RAT Name:	STATE SUPPORT AGENCY COOPERATIVE	***SH OU:***	

AGREEMENT

RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code: P
SPA Code: 09
RAT Def: Federal renumeration of state administrative costs of participation in site-specific remedial planning or implementation activities.
Site Desc:
Site Alias:

SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:

CERCLIS Assess History

OU ID: 02
Act Code ID: 002
RAT Code: OM
RAT Short Name: OM
RAT Name: OPERATIONS AND MAINTENANCE
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU:
RFBS Code: P
SPA Code: 09
RAT Def: Site requirements associated with a remedy that must be performed after the completion of a remedial action.
Site Desc:
Site Alias:

RALT Short Name: PRP Rsp Fed
Act Start Date: 9/29/1995 00:00:00
Act Complete Date:
AGT Order No.: 990
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:

CERCLIS Assess History

OU ID: 03
Act Code ID: 005
RAT Code: BE
RAT Short Name: PRP RD
RAT Name: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU:
RFBS Code: P
SPA Code: 13
RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Design (RD), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.
Site Desc:
Site Alias:

RALT Short Name: PRP Rsp Fed
Act Start Date: 9/17/1991 00:00:00
Act Complete Date: 9/24/1999 00:00:00
AGT Order No.: 800
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:

CERCLIS Assess History

OU ID: 04
Act Code ID: 001
RAT Code: AR
RAT Short Name: ADMM REC
RAT Name: ADMINISTRATIVE RECORDS
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code: P
SPA Code: 13
RAT Def: SARA specifies that administrative records be compiled at Superfund sites where remedial or removal responses are planned, or are occurring, or where EPA is issuing a unilateral order or initiating litigation to track enforcement case budget funds used for any RP lead activity.

RALT Short Name: Fed Enforce
Act Start Date: 7/19/1988 00:00:00
Act Complete Date:
AGT Order No.: 580
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	03	***RALT Short Name:***	Fed Enforce
Act Code ID:	003	***Act Start Date:***	9/22/1987 00:00:00
RAT Code:	FS	***Act Complete Date:***	9/30/1988 00:00:00
RAT Short Name:	FS	***AGT Order No.:***	550
RAT Name:	FEASIBILITY STUDY	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: A study of a hazardous waste site intended to (1) evaluate alternative remedial actions from technical, environmental, and cost-effectiveness perspectives; (2) recommend the cost-effective remedial action; and (3) prepare a conceptual design, a cost estimate for budgetary purposes, and a preliminary construction schedule.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	03	***RALT Short Name:***	PRP Rsp Fed
Act Code ID:	006	***Act Start Date:***	4/27/2004 00:00:00
RAT Code:	BE	***Act Complete Date:***	7/24/2006 00:00:00
RAT Short Name:	PRP RD	***AGT Order No.:***	800
RAT Name:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Design (RD), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	03	***RALT Short Name:***	PRP Rsp Fed
Act Code ID:	003	***Act Start Date:***	8/5/2005 00:00:00
RAT Code:	OM	***Act Complete Date:***	
RAT Short Name:	OM	***AGT Order No.:***	990
RAT Name:	OPERATIONS AND MAINTENANCE	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	09		

RAT Def: Site requirements associated with a remedy that must be performed after the completion of a remedial action.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	01	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	12/31/1985 00:00:00
RAT Code:	TA	***Act Complete Date:***	9/30/1987 00:00:00

RAT Short Name:	TECH A	***AGT Order No.:***	500
RAT Name:	TECHNICAL ASSISTANCE	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	09		

RAT Def: Participation in the conduct of fund-financed Remedial Investigation/Feasibility Study (RI/FS).
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	01	***RALT Short Name:***	PRP Rsp Fed
Act Code ID:	004	***Act Start Date:***	9/28/2001 00:00:00
RAT Code:	BE	***Act Complete Date:***	5/8/2002 00:00:00
RAT Short Name:	PRP RD	***AGT Order No.:***	800
RAT Name:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Design (RD), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	03	***RALT Short Name:***	PRP Rsp Fed
Act Code ID:	003	***Act Start Date:***	5/28/1998 00:00:00
RAT Code:	BF	***Act Complete Date:***	9/24/2002 00:00:00
RAT Short Name:	PRP RA	***AGT Order No.:***	880
RAT Name:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Action (RA), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	03	***RALT Short Name:***	PRP Rsp Fed
Act Code ID:	006	***Act Start Date:***	7/24/2006 00:00:00
RAT Code:	BF	***Act Complete Date:***	9/22/2010 00:00:00
RAT Short Name:	PRP RA	***AGT Order No.:***	880
RAT Name:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	

RFBS Code: P
SH Lead:
SPA Code: 13
RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Action (RA), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 00
RALT Short Name: EPA Fund
Act Code ID: 001
Act Start Date:
RAT Code: DS
Act Complete Date: 11/1/1979 00:00:00
RAT Short Name: DISCVRY
AGT Order No.: 10
RAT Name: DISCOVERY
SH OU:
RAT Hist. Only Flag:
SH Code:
RAT NSI Indicator: B
SH Seq:
RAT Level: 1
SH Start Date:
RAT DEF OU: 00
SH Complete Date:
RFBS Code:
SH Lead:
SPA Code: 13
RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 01
RALT Short Name: EPA Fund
Act Code ID: 001
Act Start Date: 2/3/1986 00:00:00
RAT Code: DA
Act Complete Date: 9/30/1987 00:00:00
RAT Short Name: DA
AGT Order No.: 780
RAT Name: PRE-DESIGN ASSISTANCE
SH OU:
RAT Hist. Only Flag:
SH Code:
RAT NSI Indicator: B
SH Seq:
RAT Level: 1
SH Start Date:
RAT DEF OU: 00
SH Complete Date:
RFBS Code: P
SH Lead:
SPA Code: 13
RAT Def: Procurement of a design consultant for fund-financed design activities.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 01
RALT Short Name: EPA Fund
Act Code ID: 001
Act Start Date:
RAT Code: CM
Act Complete Date: 9/11/2012 00:00:00
RAT Short Name: PCOR
AGT Order No.: 895
RAT Name: PRELIMINARY CLOSE-OUT REPORT PREPARED
SH OU:
RAT Hist. Only Flag:
SH Code:
RAT NSI Indicator: O
SH Seq:
RAT Level: 1
SH Start Date:
RAT DEF OU:
SH Complete Date:
RFBS Code:
SH Lead:
SPA Code: 09
RAT Def: A report prepared by the Remedial Program Manager (RPM) verifying that physical construction of the remedy is complete, indicating minor punch list items that remain and outlining a schedule of the outstanding activities.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	002	**Act Start Date:**	10/1/1986 00:00:00
RAT Code:	RV	**Act Complete Date:**	4/10/1987 00:00:00
RAT Short Name:	RMVL	**AGT Order No.:**	70
RAT Name:	REMOVAL	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	V	**SH Lead:**	
SPA Code:	08		

RAT Def: Response action that requires expeditious attention to reduce imminent and substantial dangers to human health, welfare, or the environment or an emergency response required within hours or days to address acute situations involving actual or potential threat to human health, the environment, or real or personal property due to the release of a hazardous substance. Characterization of a removal action as removal, not immediate removal or planned removal, started at the beginning of FY 1987. This code now takes the place of immediate removal (IR) and planned removal (PR).

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	004	**Act Start Date:**	
RAT Code:	FE	**Act Complete Date:**	9/28/2005 00:00:00
RAT Short Name:	5 YEAR	**AGT Order No.:**	1010
RAT Name:	FIVE-YEAR REVIEW	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	A	**SH Lead:**	
SPA Code:	09		

RAT Def: A review that is conducted at a minimum of every five years to determine if the implementation and performance of a remedy is protective or will be protective of human health and the environment.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	04	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	9/21/1987 00:00:00
RAT Code:	RA	**Act Complete Date:**	5/11/1989 00:00:00
RAT Short Name:	RA	**AGT Order No.:**	850
RAT Name:	REMEDIAL ACTION	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:	A	**SH Lead:**	
SPA Code:	09		

RAT Def: The implementation of a permanent resolution to address a release or potential release of a hazardous substance from a site.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	2/9/1995 00:00:00
RAT Code:	FE	**Act Complete Date:**	6/21/1995 00:00:00
RAT Short Name:	5 YEAR	**AGT Order No.:**	1010
RAT Name:	FIVE-YEAR REVIEW	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	

RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	A	**SH Lead:**	
SPA Code:	09		

RAT Def: A review that is conducted at a minimum of every five years to determine if the implementation and performance of a remedy is protective or will be protective of human health and the environment.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	01	**RALT Short Name:**	Fed Enforce
Act Code ID:	001	**Act Start Date:**	1/15/1985 00:00:00
RAT Code:	CR	**Act Complete Date:**	
RAT Short Name:	CI	**AGT Order No.:**	490
RAT Name:	COMMUNITY INVOLVEMENT	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: The community relations activities, i.e., plan, implementation and responsiveness summary that must be completed at a site to address community concerns.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	01	**RALT Short Name:**	EPA Fund
Act Code ID:	004	**Act Start Date:**	
RAT Code:	RO	**Act Complete Date:**	9/30/1996 00:00:00
RAT Short Name:	ROD	**AGT Order No.:**	610
RAT Name:	RECORD OF DECISION	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:	13		

RAT Def: The final Record of Decision (ROD) is signed by the appropriate agency indicating that the agency has chosen the remedy for site remediation. ROD signature is signified by the complete date.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	03	**RALT Short Name:**	PRP Rsp Fed
Act Code ID:	005	**Act Start Date:**	9/24/1999 00:00:00
RAT Code:	BF	**Act Complete Date:**	9/24/2002 00:00:00
RAT Short Name:	PRP RA	**AGT Order No.:**	880
RAT Name:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Action (RA), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.

Site Desc:
Site Alias:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CERCLIS Assess History

OU ID:	01	***RALT Short Name:***	Fed Enforce
Act Code ID:	001	***Act Start Date:***	6/28/1985 00:00:00
RAT Code:	RI	***Act Complete Date:***	4/1/1986 00:00:00
RAT Short Name:	RI	***AGT Order No.:***	440
RAT Name:	REMEDIAL INVESTIGATION	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: An investigation intended to gather the data necessary to: (1) determine the nature and extent of problems at the site; (2) establish cleanup criteria for the site; (3) identify preliminary alternative remedial actions; and (4) support the technical and cost analyses of the alternatives.

Site Desc:

Site Alias:

21	*2 of 13*	*ESE*	*0.16 / 834.70*	*360.55 / -21*	***OPERATING INDUSTRIES, INC., LANDFILL*** ***900 N POTRERO GRANDE DR*** ***MONTEREY PARK CA 91754***	*FED ENG*

EPA ID:	CAT080012024
Region Code:	09
County:	LOS ANGELES
Latitude:	34.033333
Longitude:	-118.105556

Control Details

Actual Completion Date:	11/16/1987 5:00:00 AM
Fiscal Year:	1988
NPL Status:	Currently on the Final NPL
Action Type:	Record of Decision
Remedy Component:	Oil Water Separation (P&T, exsitu)
Media:	Leachate
Federal Facility:	No
Superfund Alt. Agreement:	No
Operable Unit No:	02
Sequence ID:	2

Actual Completion Date:	7/31/1987 4:00:00 AM
Fiscal Year:	1987
NPL Status:	Currently on the Final NPL
Action Type:	Record of Decision
Remedy Component:	Operations & Maintenance (O&M)
Media:	Leachate
Federal Facility:	No
Superfund Alt. Agreement:	No
Operable Unit No:	04
Sequence ID:	1

Actual Completion Date:	11/16/1987 5:00:00 AM
Fiscal Year:	1988
NPL Status:	Currently on the Final NPL
Action Type:	Record of Decision
Remedy Component:	Off-gas Treatment (other, NOT OTHERWISE SPECIFIED)
Media:	Leachate
Federal Facility:	No
Superfund Alt. Agreement:	No
Operable Unit No:	02
Sequence ID:	2

Actual Completion Date:	7/31/1987 4:00:00 AM
Fiscal Year:	1987

NPL Status:	Currently on the Final NPL
Action Type:	Record of Decision
Remedy Component:	Monitoring
Media:	Air
Federal Facility:	No
Superfund Alt. Agreement:	No
Operable Unit No:	04
Sequence ID:	1

Actual Completion Date:	9/30/1988 4:00:00 AM
Fiscal Year:	1988
NPL Status:	Currently on the Final NPL
Action Type:	Record of Decision
Remedy Component:	Monitoring
Media:	Landfill Gas
Federal Facility:	No
Superfund Alt. Agreement:	No
Operable Unit No:	03
Sequence ID:	3

Actual Completion Date:	9/30/1996 4:00:00 AM
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Action Type:	Record of Decision
Remedy Component:	Off-gas Treatment (other, NOT OTHERWISE SPECIFIED)
Media:	Leachate
Federal Facility:	No
Superfund Alt. Agreement:	No
Operable Unit No:	01
Sequence ID:	4

Actual Completion Date:	9/30/1996 4:00:00 AM
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Action Type:	Record of Decision
Remedy Component:	Pumping
Media:	Leachate
Federal Facility:	No
Superfund Alt. Agreement:	No
Operable Unit No:	01
Sequence ID:	4

Actual Completion Date:	9/28/1990 4:00:00 AM
Fiscal Year:	1990
NPL Status:	Currently on the Final NPL
Action Type:	ROD Amendment
Remedy Component:	Cap (engineered cap)
Media:	Landfill Gas
Federal Facility:	No
Superfund Alt. Agreement:	No
Operable Unit No:	03
Sequence ID:	1

Actual Completion Date:	11/16/1987 5:00:00 AM
Fiscal Year:	1988
NPL Status:	Currently on the Final NPL
Action Type:	Record of Decision
Remedy Component:	Clarification (sedimentation, P&T, exsitu)
Media:	Leachate
Federal Facility:	No
Superfund Alt. Agreement:	No
Operable Unit No:	02
Sequence ID:	2

Actual Completion Date:	9/30/1988 4:00:00 AM
Fiscal Year:	1988
NPL Status:	Currently on the Final NPL
Action Type:	Record of Decision
Remedy Component:	Gas Collection System (active)

Media:	Landfill Gas
Federal Facility:	No
Superfund Alt. Agreement:	No
Operable Unit No:	03
Sequence ID:	3
Actual Completion Date:	7/31/1987 4:00:00 AM
Fiscal Year:	1987
NPL Status:	Currently on the Final NPL
Action Type:	Record of Decision
Remedy Component:	Operations & Maintenance (O&M)
Media:	Air
Federal Facility:	No
Superfund Alt. Agreement:	No
Operable Unit No:	04
Sequence ID:	1
Actual Completion Date:	9/30/1988 4:00:00 AM
Fiscal Year:	1988
NPL Status:	Currently on the Final NPL
Action Type:	Record of Decision
Remedy Component:	Flame Flare (enclosed, open, other, NOT OTHERWISE SPECIFIED)
Media:	Landfill Gas
Federal Facility:	No
Superfund Alt. Agreement:	No
Operable Unit No:	03
Sequence ID:	3
Actual Completion Date:	7/31/1987 4:00:00 AM
Fiscal Year:	1987
NPL Status:	Currently on the Final NPL
Action Type:	Record of Decision
Remedy Component:	Monitoring
Media:	Leachate
Federal Facility:	No
Superfund Alt. Agreement:	No
Operable Unit No:	04
Sequence ID:	1
Actual Completion Date:	11/16/1987 5:00:00 AM
Fiscal Year:	1988
NPL Status:	Currently on the Final NPL
Action Type:	Record of Decision
Remedy Component:	Air Stripping (P&T, exsitu)
Media:	Leachate
Federal Facility:	No
Superfund Alt. Agreement:	No
Operable Unit No:	02
Sequence ID:	2
Actual Completion Date:	9/30/1996 4:00:00 AM
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Action Type:	Record of Decision
Remedy Component:	Leachate Control
Media:	Leachate
Federal Facility:	No
Superfund Alt. Agreement:	No
Operable Unit No:	01
Sequence ID:	4
Actual Completion Date:	9/30/1996 4:00:00 AM
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Action Type:	Record of Decision
Remedy Component:	Treatment (other, NOT OTHERWISE SPECIFIED, exsitu, onsite)
Media:	Leachate
Federal Facility:	No
Superfund Alt. Agreement:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Operable Unit No:		01				
Sequence ID:		4				

21	3 of 13	ESE	0.16 / 834.70	360.55 / -21	GETTY SYNTHETIC FUELS INC 900 POTRERO GRANDE MONTEREY PARK CA 91754	RCRA SQG

EPA Handler ID: CAD980895478
Gen Status Universe: Small Quantity Generator
Contact Name:
Contact Address: US
Contact Phone No and Ext:
Contact Email:
Contact Country: US
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 19960901
Location Latitude: 34.042743
Location Longitude: -118.101828

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19960901
Handler Name: GETTY SYNTHETIC FUELS INC
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: NOT REQUIRED
Date Became Current:
Date Ended Current:
Phone: 415-555-1212
Source Type: Implementer

Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: ME
Country:
Zip Code: 99999

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	NOT REQUIRED
Name:	NOT REQUIRED	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	ME
Phone:	415-555-1212	**Country:**	
Source Type:	Implementer	**Zip Code:**	99999

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
21	4 of 13	ESE	0.16 / 834.70	360.55 / -21	OPERATING INDUSTRIES, LANDFILL 900 N POTRERO GRANDE DR MONTEREY PARK CA 91754	DELISTED COUNTY

Delisted County Records

Original Source Facility ID:	
Original Source Name:	Los Angeles County Site Mitigation List
Record Date:	23-JUN-2015

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
21	5 of 13	ESE	0.16 / 834.70	360.55 / -21	Operating Industries, Inc 900 Potrero Grande Drive Monterey Park CA 91754	SWF/LF

SWIS No:	19-AA-0836	**ARB District:**	South Coast
Site ID:	1140	**SWRCB Region:**	Los Angeles
EPA Fed Regist ID:		**Site Point of Cont:**	Dawn Liang
Site Op Status:	Closed	**Site ZIP:**	91754
Regulatory Status:	Unpermitted	**County:**	Los Angeles
Site is Archived:	No	**Latitude:**	34.055
Absorbed on:		**Longitude:**	-118.1075
Absorbed by:			

Site Inert Debris Eng Fill:	No
Closed Illegal Aband:	Yes
Closed Illegal Aband Cat:	C1
Finance Assuran Responsible:	No
Incorporated City:	Monterey Park
Local Government:	Monterey Park
Reporting Agency Legal Name:	County of Los Angeles
Reporting Agency Department:	Department of Public Health
Enforcing Agency Legal Name:	County of Los Angeles
Enforcing Agency Department:	Department of Public Health

Site Owners

Site ID:	1140	**Started On:**	
Site Type:	Disposal Only	**Owner City:**	Monterey Park
Contact Name:	Michael Harabedian	**Owner State:**	CA
Contact First Name:	Michael	**Owner ZIP Code:**	91755
Contact Last Name:	Harabedian	**Owner Phone:**	(818) 280-3130
Contact Title:	Partner		
Contact Email:			
Owner Name:	Operating Industries, Inc		
Owner Address:	1749 Potrero Grande Dr		

Site Activities (Search Result)

Site ID:	1140	**Act Regulat Stat:**	Unpermitted
Act Opl Status:	Closed	**Activity Category:**	Disposal
Site Name:	Operating Industries, Inc		
Activity:	Solid Waste Disposal Site		

Site Operators

Site ID: 1140
Site Type: Disposal Only
Is Archived: No
Contact Name: Michael Harabedian
Contact First Name: Michael
Contact Last Name: Harabedian
Contact Title: Partner
Contact Email:
Operator Name: Operating Industries, Inc
Operator Address: 1749 Potrero Grande Drive
Started on:
Operator City: Monterey Park
Operator State: CA
Operator ZIP Code: 91754
Operator Phone: (818) 280-3130

Extra Details

Site ID: 1140
EPA Fed Reg ID:
Regulatory Status: Unpermitted
Operational Status: Closed
Is Archived: No
Fin Assuran Resp: No
Site Name: Operating Industries, Inc
Enforc Agncy Dept: Department of Public Health
Enforc Agncy Lgl Nm: County of Los Angeles
Closed Illegal Aband: Yes
Inert Debris Eng Fill: No
Local Government: Monterey Park
Enforc Agency:
Absorbed By:
Absorbed On:
Point of Contact: Dawn Liang
County: Los Angeles

Site Activities (Export)

Site ID: 1140
WDR Landfill Class:
Act is Archived: No
Act Opl Status: Closed
Act Regulat Stat: Unpermitted
Activity Category: Disposal
Act Classification: Solid Waste Disposal Site
Cease Operation: 10/1/1984
Cease Operation Tp: Actual
Insp Frequency: None
Throughput UOM:
Site Name: Operating Industries, Inc
Activity: Solid Waste Disposal Site
Incorporated City: Monterey Park
Waste Discharge Req Nu:
Max Permitted Throughput:
Remaining Capacity:
Remaining Cap Dt:
Max Permit Cap:
Capacity UOM:
Total Acreage: 0.00
Disposal Acreage: 0.00
Permitted Elev :
Permitted Elev Tp:
Permitted Depth:
Permitted Depth Tp:
Site Point of Cont: Dawn Liang

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21 | ***6 of 13*** | ***ESE*** | ***0.16 / 834.70*** | ***360.55 / -21*** | ***Operating Industries, Inc. 900 Potrero Grande Drive, Monterey Park, CA 91754 Monterey Park CA*** | ***SWF LA COUNTY***

Site ID: 1993
Site SWIS No: 19-AA-0836
Status: Closed
Site Type: Designated Waste Landfill
Present Use: Vacant
Permitted Capacity:
Beginning Oper Dt: 1948
Ending Oper Dt: 10/1/1984
Alt Site Name: Montery Park Disposal Co.
Alt Address:
Hours of Operation:
Local Enforcement Agency: County Public Health
Site Mailing Address:
Site Website:
Waste Accepted: Inert;
Disposal Area Acre: 190
Max Depth of Fill Ft: 325
Remaining Cap Mln:
Site Contact:
Site Contact Phone:
Site Email:
District: 1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
21	7 of 13	ESE	0.16 / 834.70	360.55 / -21	OPERATING INDUSTRIES LANDFILL 900 POTRERO GRANDE DRIVE MONTEREY PARK CA 91754	HHSS

County: Los Angeles
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000279e9.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
21	8 of 13	ESE	0.16 / 834.70	360.55 / -21	OPERATING INDUSTRIES 900 POTRERO GRANDE DR MONTEREY PARK CA 91755	SEMS

EPA ID:	CAT080012024	**Pgm Sys ID:**	CAT080012024
Primary Name(MAP):	OPERATING INDUSTRIES	**Loc Address(MAP):**	900 POTRERO GRANDE DR
City Name:	MONTEREY PARK	**Postal Code:**	91755
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL	**County Name:**	LOS ANGELES
Street Address:	900 N POTRERO GRANDE DR	**Latitude83:**	34.033333
Street Address 2:		**Longitude83:**	-118.105556
City:	MONTEREY PARK	**PGM SYS ID(CalOES):**	CAT080012024
State:	CA	**Name(CalOES):**	OPERATING INDUSTRIES
Zip:	91754	**Loc Addr(CalOES):**	900 POTRERO GRANDE DR
County:	LOS ANGELES	**City(CalOES):**	MONTEREY PARK
Latitude:	34.033333	**Postal(CalOES):**	91755
Longitude:	-118.105556	**County(CalOES):**	LOS ANGELES
Latitude83(CalOES):	34.033333	**Longitude83(CalOES):**	-118.105556

Data Source: EPA Superfund Data and Reports Active Site Inventory (List 8R Active);EPA FRS Interests Map - SEMS;CalOES EPA RCRA TSDF Map - SEMS

Site Level Information

Site ID:	0902673	**Superfund Alt Agmt:**	No
NPL:	Currently on the Final NPL	**FIPS Code:**	06037
Federal Facility:	No	**Cong District:**	27,31,34
FF Docket:	No	**Region:**	09
Non NPL Status:			

Action Information

Operable Units:	00	**Start Actual:**	09/24/1984
Action Code:	FP	**Finish Actual:**	10/10/1985
Action Name:	FPA	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	02	**Start Actual:**	11/16/1987
Action Code:	RO	**Finish Actual:**	11/16/1987
Action Name:	ROD	**Qual:**	
SEQ:	2	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	11/01/1979
Action Code:	DS	**Finish Actual:**	11/01/1979
Action Name:	DISCVRY	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	10/31/2019
Action Code:	FM	**Finish Actual:**	
Action Name:	FPA/MA	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	02	**Start Actual:**	05/11/1989
Action Code:	BE	**Finish Actual:**	07/18/1991
Action Name:	PRP RD	**Qual:**	
SEQ:	2	**Curr Action Lead:**	EPA Ovrsght

Operable Units:	04	**Start Actual:**	05/10/1997
Action Code:	OM	**Finish Actual:**	
Action Name:	OM	**Qual:**	
SEQ:	4	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	03	**Start Actual:**	07/24/2006
Action Code:	BF	**Finish Actual:**	09/22/2010
Action Name:	PRP RA	**Qual:**	FR
SEQ:	6	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	00	**Start Actual:**	04/01/1984
Action Code:	PA	**Finish Actual:**	04/01/1984
Action Name:	PA	**Qual:**	H
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	03	**Start Actual:**	09/24/1999
Action Code:	BF	**Finish Actual:**	09/24/2002
Action Name:	PRP RA	**Qual:**	FR
SEQ:	5	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	03	**Start Actual:**	09/17/1991
Action Code:	BE	**Finish Actual:**	09/24/1999
Action Name:	PRP RD	**Qual:**	
SEQ:	5	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	01	**Start Actual:**	09/30/2007
Action Code:	OF	**Finish Actual:**	12/24/2013
Action Name:	O AND F	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	01	**Start Actual:**	12/24/2013
Action Code:	OM	**Finish Actual:**	
Action Name:	OM	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	00	**Start Actual:**	01/15/1985
Action Code:	CR	**Finish Actual:**	
Action Name:	CI	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	10/15/1984
Action Code:	NP	**Finish Actual:**	10/15/1984
Action Name:	PROPOSED	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	03	**Start Actual:**	09/22/1987
Action Code:	FS	**Finish Actual:**	09/30/1988
Action Name:	FS	**Qual:**	
SEQ:	3	**Curr Action Lead:**	EPA Perf
Operable Units:	04	**Start Actual:**	05/11/1989
Action Code:	BE	**Finish Actual:**	01/04/1991
Action Name:	PRP RD	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	03	**Start Actual:**	08/05/2005
Action Code:	OM	**Finish Actual:**	
Action Name:	OM	**Qual:**	
SEQ:	3	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	00	**Start Actual:**	04/30/1989
Action Code:	MA	**Finish Actual:**	08/07/2020
Action Name:	ST COOP	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	10/01/1986
Action Code:	RV	**Finish Actual:**	04/10/1987
Action Name:	RMVL	**Qual:**	C

SEQ:	2	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	12/30/1992
Action Code:	RS	**Finish Actual:**	12/30/1992
Action Name:	RV ASSESS	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	09/06/1990
Action Code:	RS	**Finish Actual:**	09/06/1990
Action Name:	RV ASSESS	**Qual:**	
SEQ:	2	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	04/01/1984
Action Code:	HR	**Finish Actual:**	04/01/1984
Action Name:	HAZRANK	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	02	**Start Actual:**	03/19/1985
Action Code:	FS	**Finish Actual:**	11/16/1987
Action Name:	FS	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	10/08/1985
Action Code:	RV	**Finish Actual:**	08/01/1987
Action Name:	RMVL	**Qual:**	S
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	01	**Start Actual:**	09/30/1996
Action Code:	RO	**Finish Actual:**	09/30/1996
Action Name:	ROD	**Qual:**	R
SEQ:	4	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	12/31/2004
Action Code:	FE	**Finish Actual:**	09/28/2005
Action Name:	5 YEAR	**Qual:**	
SEQ:	4	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	02/09/1995
Action Code:	FE	**Finish Actual:**	06/21/1995
Action Name:	5 YEAR	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	01	**Start Actual:**	09/15/1989
Action Code:	CO	**Finish Actual:**	09/30/1996
Action Name:	RI/FS	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	04	**Start Actual:**	09/21/1987
Action Code:	RA	**Finish Actual:**	05/11/1989
Action Name:	RA	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	08/24/2000
Action Code:	AR	**Finish Actual:**	
Action Name:	ADMIN REC	**Qual:**	
SEQ:	3	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	01/25/2000
Action Code:	FE	**Finish Actual:**	02/18/2000
Action Name:	5 YEAR	**Qual:**	
SEQ:	3	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	12/31/1985
Action Code:	TA	**Finish Actual:**	09/30/1987
Action Name:	TECH ASSIST	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	01	**Start Actual:**	02/03/1986
Action Code:	DA	**Finish Actual:**	09/30/1987

Action Name:	Pre-Dsgn Ast	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	04	**Start Actual:**	03/26/1987
Action Code:	FS	**Finish Actual:**	07/31/1987
Action Name:	FS	**Qual:**	
SEQ:	2	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	12/31/1985
Action Code:	TA	**Finish Actual:**	08/07/2020
Action Name:	TECH ASSIST	**Qual:**	
SEQ:	2	**Curr Action Lead:**	EPA Perf
Operable Units:	01	**Start Actual:**	04/10/1986
Action Code:	RI	**Finish Actual:**	03/30/1990
Action Name:	RI	**Qual:**	
SEQ:	2	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	10/02/2019
Action Code:	FE	**Finish Actual:**	09/24/2020
Action Name:	5 YEAR	**Qual:**	
SEQ:	7	**Curr Action Lead:**	EPA Perf
Operable Units:	03	**Start Actual:**	05/28/1998
Action Code:	BF	**Finish Actual:**	09/24/2002
Action Name:	PRP RA	**Qual:**	FR
SEQ:	3	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	03	**Start Actual:**	04/01/1992
Action Code:	BE	**Finish Actual:**	05/28/1998
Action Name:	PRP RD	**Qual:**	
SEQ:	3	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	00	**Start Actual:**	09/23/2014
Action Code:	FE	**Finish Actual:**	09/25/2015
Action Name:	5 YEAR	**Qual:**	
SEQ:	6	**Curr Action Lead:**	EPA Perf
Operable Units:	01	**Start Actual:**	05/08/2002
Action Code:	BF	**Finish Actual:**	09/29/2003
Action Name:	PRP RA	**Qual:**	IR
SEQ:	4	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	03	**Start Actual:**	04/27/2004
Action Code:	BE	**Finish Actual:**	07/24/2006
Action Name:	PRP RD	**Qual:**	
SEQ:	6	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	00	**Start Actual:**	09/11/2012
Action Code:	CM	**Finish Actual:**	09/11/2012
Action Name:	PCOR	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	01	**Start Actual:**	09/28/2001
Action Code:	BE	**Finish Actual:**	05/08/2002
Action Name:	PRP RD	**Qual:**	
SEQ:	4	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	04	**Start Actual:**	05/11/1989
Action Code:	BF	**Finish Actual:**	05/10/1997
Action Name:	PRP RA	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	02	**Start Actual:**	07/18/1991
Action Code:	BF	**Finish Actual:**	09/29/1995
Action Name:	PRP RA	**Qual:**	
SEQ:	2	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	01	**Start Actual:**	06/28/1985

Action Code:	RI	**Finish Actual:**	04/01/1986
Action Name:	RI	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	02	**Start Actual:**	09/29/1995
Action Code:	OM	**Finish Actual:**	
Action Name:	OM	**Qual:**	
SEQ:	2	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	00	**Start Actual:**	01/04/2010
Action Code:	FE	**Finish Actual:**	09/27/2010
Action Name:	5 YEAR	**Qual:**	
SEQ:	5	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	07/01/1989
Action Code:	AR	**Finish Actual:**	07/01/1989
Action Name:	ADMIN REC	**Qual:**	V
SEQ:	2	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	02/15/1987
Action Code:	RV	**Finish Actual:**	08/01/1987
Action Name:	RMVL	**Qual:**	S
SEQ:	3	**Curr Action Lead:**	EPA Perf
Operable Units:	03	**Start Actual:**	09/30/1988
Action Code:	RO	**Finish Actual:**	09/30/1988
Action Name:	ROD	**Qual:**	
SEQ:	3	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	06/10/1986
Action Code:	NF	**Finish Actual:**	06/10/1986
Action Name:	NPL FINL	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	01/01/1984
Action Code:	SI	**Finish Actual:**	04/01/1984
Action Name:	SI	**Qual:**	H
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	04	**Start Actual:**	07/31/1987
Action Code:	RO	**Finish Actual:**	07/31/1987
Action Name:	ROD	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	07/19/1988
Action Code:	AR	**Finish Actual:**	
Action Name:	ADMIN REC	**Qual:**	E
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	11/23/1992
Action Code:	RV	**Finish Actual:**	03/15/2002
Action Name:	RMVL	**Qual:**	C
SEQ:	4	**Curr Action Lead:**	EPA Perf

REST Information

Registry ID:	110033606355	**Pgm Sys Acrnm:**	SEMS
Active Status:	CURRENTLY ON THE FINAL NPL	**Accuracy Value:**	
Key Field:	SEMSCAT080012024	**HUC8 Code:**	18070105
Interest Type:	SUPERFUND NPL	**HUC 12:**	
Fed Agency Name:		**Federal Land Ind:**	
Fed Facility Code:		**Public Ind:**	Y
EPA Region Code:	09	**Pgm Report:**	no data yet
Collect Mth Desc:			
Ref Point Desc:			
Fac Url:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110033606355		
Program Url:	http://www.epa.gov/superfund/action/law/cercla.htm		
Pgm Report Url:	no data yet		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Fips Code: 06037

CalOES EPA RCRA TSDF - SEMS

Registry ID: 110033606355
Interest Ttpe: SUPERFUND NPL
Active Status: CURRENTLY ON THE FINAL NPL
Pgm Sys Acrnm: SEMS
Federal Ag:
Federal La:
Fed Facility Cd:
Public Ind: Y
FIPS Code: 06037
HUC8 Code: 18070105
HUC 12:
Collect Method:
Accuracy Value:
Ref Point Desc:
EPA Region: 09
Key Field: SEMSCAT080012024
Create Dt: 2021/10/26 00:00:00+00
Update Dt: 2021/11/24 13:49:01+00
Last Reported Dt:
Pgm Report: no data yet
Program Url: http://www.epa.gov/superfund/action/law/cercla.htm
Fac Url: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110033606355

21	9 of 13	ESE	0.16 / 834.70	360.55 / -21	OPERATING INDUSTRIES, INC. MONTEREY PARK CA	SWRCB SWF

Wst Disch Syst No: 4B190332001-01
Solid Waste ID No: 19-AM-0001
Wst Mng Unit Nm: OPERATING INDUSTRIES LANDFILL
Agency Name: OPERATING INDUSTRIES, INC.
County: LOS ANGELES
Region: 4
SWAT R: 1

21	10 of 13	ESE	0.16 / 834.70	360.55 / -21	GSF ENERGY, INC. 900-950 POTRERO GRANDE MONTEREY PARK CA	EMISSIONS

1987 Criteria Data

Facility ID: 19600
Facility SIC Code: 4953
CO: 19
Air Basin: SC
District: SC
COID: LA
DISN: SOUTH COAST AQMD
CHAPIS:
CERR Code:
TOGT: 5.2
ROGT: 3.90156
COT: 209.1
NOXT: 1.9
SOXT: 1.4
PMT: 5.2
PM10T: 3.64

1987 Toxic Data

Facility ID: 19600
Facility SIC Code: 4953
CO: 19
Air Basin: SC
District: SC
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: LA
DISN: SOUTH COAST AQMD
CHAPIS:
CERR Code:

21	11 of 13	ESE	0.16 / 834.70	360.55 / -21	OPERATING INDUSTRIES LANDFILL 900 POTRERO GRANDE DRIVE MONTEREY PARK CA	HIST TANK

Owner Name: OPERATING INDUSTRIES
Owner Street: 2425 SOUTH GARFIELD AVENUE
No of Containers: 6
County: LOS ANGELES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner City:	MONTEREY PARK	**Facility State:**	CA
Owner State:	CA	**Facility Zip:**	91754
Owner Zip:	91754		

21 | 12 of 13 | ESE | 0.16 / 834.70 | 360.55 / -21 | **OPERATING INDUSTRIES, INC. LANDFILL**
900 POTRERO GRANDE DR
MONTEREY PARK CA 91755 | CALSITES

ID No:	19490207	**Assembly:**	49
Status Date:	04/19/1996	**Senate:**	24
NPL:	L	**Region:**	3
Tier:		**Region Name:**	GLENDALE
Fund:	C	**County Co:**	19
Access :		**Facility County:**	LOS ANGELES
Access Code:	NOT REPORTED	**Lat Deg:**	0
Cortese:		**Lat Min:**	0
Hrscore:		**Lat Sec:**	0
Hrsdate:		**Lat Dir:**	
Groundwater Contam:	C	**Long Deg:**	0
GW Code:	CONTROLLED	**Long Min:**	0
No Sources:	1	**Long Sec:**	0
RWQCB Name:	LOS ANGELES	**Long Dir:**	
Branch Name:	SO CAL - GLENDALE	**Llmethod:**	
Staff:	TYARGEAU	**Lldesc:**	
Senior:			
Status Name:	ANNUAL WORKPLAN - ACTIVE SITE		
Type Name:	NPL SITE, RP-FUNDED		
Lead Name:	ENVIRONMENTAL PROTECTION AGENCY		
SIC Name:	ELECTRIC, GAS & SANITARY SERVICES		
Filename:			
Comments:			

This is the date the site was first listed pursuant to section 25356. Second 90-day Compliance Testing period begins. DTSC received $181,012.27 from the Operating Industries Inc. Closure Trust Account. This money will be used to cover future response costs for DTSC at the OII site. The Fifth Partial Consent Degree (CD5) is negotiatied by EPA and the State with a group of potentially responsible parties (PRPs), composed of prior nonsettlers and recently noticed major parties. Third Consent Decree Final Workplan(with sampling and analysis plan) and the Revised QA/QC Plan. USEPA approves workplan outline as part of the early action activity per Eighth Partial Consent Decree. This design plan approves the capping of the landfill with an additional four feet of monocover using the existing cap as a two foot foundation layer. The cap design also includes the establishment of native vegetation for monocover performance as well as aesthetics. Second 90-day Compliance Testing period completed. DTSC receives Trial Burn Report which contains the results from the performance test for the LFGTS conducted in September 2000. Results indicate that the LFGTS achieved the 99.99% DRE. The Department enters into the third Partial Consent Decree which covers Gas Control, Landfill Cover and Surface Water Management. FS prepared by US EPA. Compliance Testing Report approved by USEPA. Final cover for the entire South Parcel is completed. The first Partial Consent Decree which addresses the Site Control and Monitoring and Leachate Management Systems is signed. Eighth Partial Consent Decree for OII entered by the United States District Court. 5 Year review prepared by US EPA. The sixth partial Consent Decree requires GSF Energy (Air Products) to pay cleanup costs. DTSC can request reimbursement of unpaid past costs and future response costs. Predesign Workplan. 30% Design - Final Cover -- The final cap will consist of a four foot thick monocover with a native vegetative cover. The existing cap will act as a foundation for the monocover. Inactive Class II Landfill. Contaminants include Pb compounds, chrome oxide, pigment sludge, refinery slop oil, emulsion solids, leaded tank bottom, wastewater from paint manufacturing, and caustic cleaning wastes. Predesign Report outline. Former TSD facility. Performance Test Plan for the LFGTS approved. A second Calstar Code was added #300284 for the Gas Migration Control activities. Oversight of these activities are the responsibility of a different group of RPs. The second Partial Consent Decree which added parties and funds to the first Partial Consent Decree is signed. Approval of the Final Design for the Landfill Gas Treatment System (LFGTS). LFGTS test completed this past week. Preliminary results indicate that the LFGTS will achieve the 99.99% Destruction and Removal Efficiency (DRE). The amended Gas Migration Control ROD at the site addresses the landfill gas (LFG) migration control and landfill cover. The major component of this amendment is the addition of landfill cover to the previously selected gas migration control remedy. The major components of the Gas Migration Control ROD include: 1) landfill cover designed to reduce surface gas emissions and odors, prevent oxygen intrusion into the refuse, prevent surface water infiltration, provide erosion control, and improve site aesthetics; perimeter LFG extraction wells with placement focused on minimizing off site LFG migration; LFG extraction wells on the top deck of the landfill with placement focused on maximizing source control of LFG; shallow and deep slope wells with placement focused on reducing surface emissions and controlling intermediate to deep subsurface migration at the perimeter; integrated above-grade LFG headers and condensate sumps; LFG monitoring wells at the site boundary; upgraded thermal destruction facility for landfill gas; and pumps in appropriate gas wells with above-grade collection sumps to dewater saturated zones. The amended gas control remedial action will be integrated with the two additional operable units, Site Control and Monitoring, and Leachate Management, now being implemented. Landfill Gas Treatment system began operations replacing the flares. The LFGTS is capable of 99.99% Destruction & Removal Efficiency (DRE). First of two consecutive 90-day Compliance Testing periods for the former landfill begins. Final Remedial Action Inspection conducted for the South Parcel. The inspection is conducted jointly between US EPA, DTSC and Army Corps of Engineers. 30% Design for Southwest Early Action Plan (SWEAP). DTSC sends letter to US EPA recommending they accept the project as complete. EPA concurs with DTSC. RI prepared by US EPA. Seismic Predesign Prefinal Workplan. The U.S. EPA and the Department of Toxic Substances Control enters into the Fourth Partial Consent Decree in an effort to expedite the cleanup of the Site and avoid prolonged and complicated litigation between the "parties". The selected Remedial Alternative includes: Perimeter liquids control, onsite treatment of collected liquids, natural attenuation of offsite groundwater which

includes monitoring and evaluation, and continued operation and maintenance of provisions in the three previous ROD's (site control and monitoring, leachate management, gas migration control and landfill cover). The leachate treatment plant (included as Leachate Manage ment Operable Unit) is built on the north parcel of the site and consists of influent storage and equalization, biological reactors, chemical precipitation, sand filtration carbon absorption, effluent storage and discharge, foul air system, storm water holding system and sludge disposal system. The plant started operation on September 13, 1994 and the first discharge into the sewer system occurred on November 9, 1994. Top deck cover for the South Parcel is 75% complete. Cover over remaining South Parcel is completed. Construction completed on Landfill Gas Treatment System (LFGTS), currently undergoing performance testing before being brought on-line and replacing the existing flare station.

Background:

Operating Industries, Inc. (OII) is an inactive Class II landfill surrounded by residential areas on the south and west borders. From 1948 to 1952, the OII site was operated as a municipal landfill by the City of Monterey Park. In January 1952, the site became a privately owned landfill under the ownership of OII. The site was permitted by the RWQCB in 1976, to receive various nonhazardous and hazardous liquid wastes, including lead compounds, chrome oxide, pigment sludge, refinery wastes, waste water from paint manufacturing, and caustic cleaning waste. It was not until 1984 that OII stopped accepting waste. The pathways of contamination are through inhalation of land fill gases and direct contact of leachate entering the ground water. Possible receptors are the residents near the facility and the potential impact of the contaminated groundwater on drinking water supplies. The Department took over the site when the owner and operator failed to continue with the site closure activities. In May 1986, the landfill was listed on the NPL and EPA became the lead agency. EPA initiated a remedial investigation to define the extent of environmental problems. A hydrogeologic investigation to study the groundwater was performed in September of 1989. In May of 1989, a Partial Consent Decree was entered in the Federal Court between EPA and over 100 PRPs. The PRPs agreed to undertake the site control and monitoring, and construct a leachate treatment system, as well as conducting several site improvements. Site work pursuant to the Consent Decree began in November 1989, when daily operation, including operation and maintenance/monitoring of the existing gas and leachate control system, and erosion and drainage control were assumed by the settling PRPs'.

21	13 of 13	ESE	0.16 / 834.70	360.55 / -21	***OPERATING INDUSTRIES, INC.*** ***900 POTRERO GRANDE DRIVE*** ***MONTEREY PARK CA 91754***	***WMUD***

Wmu ID No:	4B190332001	***Npid:***	
Wds ID No:	4B190332001	***Rptf:***	M
Swis ID No:	19-AM-0001	***Sic1:***	4953
Reg ID No:	57-165	***Sic2:***	
Edit Date:	26-Jan-1995	***Swat Anms:***	OPERATING INDUSTRIES INCORPORATED
Last Edit:	JHMJHMJHM	***Swat Fnms:***	OPERATING INDUSTRIES INC.
Region:	4	***Atyp:***	PR
County:	19	***Anms:***	OPERATING INDUSTRIES, INC.
Wds:	TRUE	***Adep:***	
Msw:	FALSE	***A Street:***	1749 POTRERO GRANDE DR. STE. E
Superorder:		***A City:***	MONTEREY PARK CA
Sc15:	TRUE	***A Zip:***	91754
Swat:	TRUE	***A County:***	
Tpca:	FALSE	***Afon:***	2137215996
Rcra:	FALSE	***Lnms:***	OPERATING INDUSTRIES, INC.
Dod:		***Ldep:***	
Rbpo:		***L Street:***	2425 S. GARFIELD AVE
Openpub:	FALSE	***L City:***	MONTEREY PARK
Waste List:		***L State:***	CA
Tot Wmus:	1	***L Zip:***	91754
Secrange:	02S12W	***L County:***	
Basemer:	SB	***Lfon:***	2137215996
Fcnt:		***Ttwq:***	1
Fdep:		***Toxi:***	N
F State:	CA	***Cplx:***	A
Ffon:	2137215996	***Wdrs:***	H
Ftyp:	SW3	***Wtp1:***	HSLDWST
Tonnage:	2900	***Wtp2:***	
Fac Comment:			

WMU Details

Wmu ID:	4B190332001-01	***G Monitor:***	FALSE
Edit Date:	26-Jan-1995	***S Monitor:***	FALSE
Last Edit:	JHMJHMJHM	***V Monitor:***	FALSE
Wmu Type:	LANDFILL	***G Back:***	0
Wmu Name:	OPERATING INDUSTRIES LANDFILL	***S Back:***	0
Wmustatus:	CEASE DISCHARGE	***V Back:***	0
Wmu Size:	130	***G Nonback:***	19

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Listed:	Yes	**S Nonback:**	0
Printed:	Yes	**V Nonback:**	0
Msw:	FALSE	**G Date:**	
Superorder:		**S Date:**	
Sc15:	TRUE	**V Date:**	
Swat:	TRUE	**Perm Test:**	
Tpca:	FALSE	**Gw Depth:**	0
Rcra:	FALSE	**Precip:**	18
Dod:	FALSE	**Site Alt:**	FALSE
Old Class:	II-1	**Site Alta:**	FALSE
Old Waste:		**Line Alt:**	FALSE
Old First:	01-Jan-1948	**Line Alta:**	FALSE
New Class:		**Lcrs Alt:**	FALSE
New Waste:		**Lcrs Alta:**	FALSE
New First:		**Composite:**	
Stat Date:	02-Oct-1984	**Line Des:**	FALSE
Cap Year:		**Liner1:**	FALSE
Closeplan:	FALSE	**Line1 Type:**	
Township:		**Liner2:**	FALSE
Fault Name:	UNKNOWN	**Line2 Type:**	
Fault Distance:		**Liner3:**	FALSE
Withquake:	FALSE	**Line3 Type:**	

Type Op: CANYON FILL
Gen Com1: OPENED IN 1948.
Gen Com2: RECEIVED HAZARDOUS LIQUIDS AND MUNICIPAL RUBBISH.
Gen Com3: LIQUID DISPOSAL CEASED 4/83.
Gen Com4: TOTAL CAPACITY: 4,000,000 CUYDS
Formation: UNKNOWN
Form Type: UNKNOWN
Form Permit: UNKNOWN
Form Com1:
Form Com2:
Form Com3:
Form Com4:
Liner Com:
Lcrs: FALSE
Lcrs Type:
Lcrs Des: FALSE
Cons Com1:
Cons Com2:
Cons Com3:
Cons Com4:

22	1 of 3	SW	0.16 / 837.07	332.74 / -49	521 ATLAS AVE MONTEREY PARK CA 91754	HMS LA

Site No: 007097
Area: 3M

Detail Info

Permit No:	000177079	**Status:**	Equipment Removed
Permit Status:	Equipment Removed	**File No:**	023936
Permit Category:	Industrial Waste Permit	**File Name:**	CRA INT'L INDUSTRIAL INC
Permit Type:	Operating Industrial Waste Permit - Local Sewer		

Detail Info

Permit No:	000399911	**Status:**	Permit Closed
Permit Status:	Equipment Removed	**File No:**	I07423
Permit Category:	Industrial Waste Permit	**File Name:**	THE DYMENT CO
Permit Type:	Operating Industrial Waste Permit - Local Sewer		

Detail Info

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Permit No: 000010417
Permit Status: Permit Closed
Permit Category: Industrial Waste Permit
Permit Type: Operating Industrial Waste Permit - Local Sewer
Status: Permit Closed
File No: I07423
File Name: THE DYMENT CO

---

22 **2 of 3** **SW** **0.16 / 837.07** **332.74 / -49**

DYMENT LTD
521 ATLAS AVE
MONTEREY PARK CA 91754

EMISSIONS

1993 Criteria Data

Facility ID: 63702
Facility SIC Code: 2675
CO: 19
Air Basin: SC
District: SC
COID: LA
DISN: SOUTH COAST AQMD
CHAPIS:
CERR Code:
TOGT: 1.8
ROGT: 1.04112
COT: 0
NOXT: 0
SOXT:
PMT: 0
PM10T: 0

1993 Toxic Data

Facility ID: 63702
Facility SIC Code: 2675
CO: 19
Air Basin: SC
District: SC
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: LA
DISN: SOUTH COAST AQMD
CHAPIS:
CERR Code:

1995 Criteria Data

Facility ID: 63702
Facility SIC Code: 2675
CO: 19
Air Basin: SC
District: SC
COID: LA
DISN: SOUTH COAST AQMD
CHAPIS:
CERR Code:
TOGT: 1.8
ROGT: 1.04112
COT: 0
NOXT: 0
SOXT:
PMT: 0
PM10T: 0

1995 Toxic Data

Facility ID: 63702
Facility SIC Code: 2675
CO: 19
Air Basin: SC
District: SC
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: LA
DISN: SOUTH COAST AQMD
CHAPIS:
CERR Code:

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22 **3 of 3** **SW** **0.16 / 837.07** **332.74 / -49**

CRA INTERNATIONAL INDUSTRIAL INC
521 ATLAS AVE
MONTEREY PARK CA 91755

CUPA
LA COUNTY

Facility ID: FA0043303

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CERS ID: 10286098

Inactive Facility Details

PE: 3000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
23	1 of 1	ESE	0.16 / 841.71	361.94 / -20	OPERATING INDUSTRIES,INC 1000 POTRERO GRANDE DRIVE MONTEREY PARK CA	ODI

Noncomplian Categ Code: 06 07 08 11
Noncomplian Categ Code D: DISEASE/AIR/GASES/ACCESS
Facility Location: 1000 POTRERO GRANDE DRIVE
County Name If Applicable: LOS ANGELES
Coordinates: 34 02 00 118 05 00
Latitude: 34.03333333
Longitude: -118.08333333

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
24	1 of 3	NE	0.17 / 879.35	436.36 / 55	BARBARA HIGA 1880 SOUTH ORANGE AVENUE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC003159123
Gen Status Universe: No Report
Contact Name: BARBARA HIGA
Contact Address: 1880 SOUTH ORANGE AVENUE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 626-278-8038
Contact Email: ROCKBOY777@AOL.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20220128
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Receive Date: 20220128
Handler Name: BARBARA HIGA
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1880 SOUTH ORANGE AVENUE
Name:	BARBARA HIGA	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-278-8038	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1880 SOUTH ORANGE AVENUE
Name:	BARBARA HIGA	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-278-8038	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

24	2 of 3	NE	0.17 / 879.35	436.36 / 55	**BARBARA HIGA** **1880 S ORANGE AVE** **MONTEREY PARK CA 91755**	**RCRA NON GEN**

EPA Handler ID: CAC003187564
Gen Status Universe: No Report
Contact Name: BARBARA HIGA
Contact Address: 1880 S ORANGE AVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 909-702-6955
Contact Email: ACCOUNTING@TEAMHAZ.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20220728
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20220728
Handler Name:	BARBARA HIGA
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1880 S ORANGE AVE
Name:	BARBARA HIGA	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	909-702-6955	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1880 S ORANGE AVE
Name:	BARBARA HIGA	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	909-702-6955	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

24	***3 of 3***	***NE***	***0.17 / 879.35***	***436.36 / 55***	***BARBARA HIGA 1880 S ORANGE AVE MONTEREY PARK CA 91755***	***RCRA NON GEN***

EPA Handler ID:	CAC003198606
Gen Status Universe:	No Report
Contact Name:	BARBARA HIGA
Contact Address:	1880 S ORANGE AVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-278-8018
Contact Email:	ROCKBOY777@AOL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20221009
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20221009
Handler Name: BARBARA HIGA
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: BARBARA HIGA
Date Became Current:
Date Ended Current:
Phone: 626-278-8018
Source Type: Implementer
Street No:
Street 1: 1880 S ORANGE AVE
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Operator
Type: Other
Name: BARBARA HIGA
Date Became Current:
Date Ended Current:
Phone: 626-278-8018
Source Type: Implementer
Street No:
Street 1: 1880 S ORANGE AVE
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

25	1 of 1	NE	0.17 / 885.96	477.17 / 95	ERNESTINA CASTELLANOS 1912 PALM AVE MONTEREY PARK CA 91755-5728	RCRA NON GEN

EPA Handler ID: CAC003042964
Gen Status Universe: No Report
Contact Name: ERNESTINA CASTELLANOS
Contact Address: 1912 PALM AVE , , MONTEREY PARK , CA, 91755-5728 ,
Contact Phone No and Ext: 626-569-5618
Contact Email: ERNIE@SIRRIS.BIZ
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20191113
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No

Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20191113
Handler Name:	ERNESTINA CASTELLANOS
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1912 PALM AVE
Name:	ERNESTINA CASTELLANOS	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-569-5618	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755-5728

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1912 PALM AVE
Name:	ERNESTINA CASTELLANOS	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-569-5618	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755-5728

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26 | ***1 of 1*** | ***SSE*** | ***0.17 / 893.33*** | ***352.13 / -30*** | ***740 POTRERO GRANDE DR MONTEREY PARK CA 91754*** | ***HMS LA***

Site No:	003932
Area:	3M

Detail Info

Permit No:	00001887C	***Status:***	Permit Closed
Permit Status:	Permit Closed	***File No:***	I04077
Permit Category:	Industrial Waste Permit	***File Name:***	SEE 000487-I00489 (DEST)
Permit Type:	Open Industrial Waste Permit Record (historic)		

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27 | ***1 of 1*** | ***E*** | ***0.17 / 914.42*** | ***365.91 / -16*** | ***METROPCS CALIFORNIA, LLC LA0289 1855 SATURN ST MONTEREY PARK CA 91754*** | ***CUPA LA COUNTY***

Facility ID:	FA0040083
CERS ID:	10298659

Inactive Facility Details

PE:	3000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
28	1 of 1	SW	0.17 / 923.46	333.36 / -48	588 ATLAS 588 ATLAS AVE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC003108626
Gen Status Universe: No Report
Contact Name: ROBERT SONNENBLICK
Contact Address: 588 ATLAS AVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 310-230-1200
Contact Email: RMARQUEZ@AMERICAN-INTEGRATED.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20210305
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20210305
Handler Name: 588 ATLAS
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: SONNENBLICK MONTEREY PARK LLC
Date Became Current:
Date Ended Current:
Phone: 310-230-1200
Source Type: Implementer
Street No:
Street 1: 588 ATLAS AVE
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Operator
Type: Other
Name: ROBERT SONNENBLICK
Street No:
Street 1: 588 ATLAS AVE
Street 2:

Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	310-230-1200	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

29	1 of 2	NW	0.18 / 925.76	369.62 / -12	**ROBERT PERRY** **420 ACKLEY ST** **MONTEREY PARK CA 91755**	**RCRA NON GEN**

EPA Handler ID:	CAC003089458
Gen Status Universe:	No Report
Contact Name:	ROBERT PERRY
Contact Address:	420 ACKLEY ST , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	714-655-2307
Contact Email:	SCHEDULING@PWSEI.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20201021
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20201021
Handler Name:	ROBERT PERRY
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	420 ACKLEY ST
Name:	ROBERT PERRY	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	714-655-2307	**Country:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Source Type:	Implementer	**Zip Code:**	91755
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	420 ACKLEY ST
Name:	ROBERT PERRY	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	714-655-2307	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

29	2 of 2	NW	0.18 / 925.76	369.62 / -12	ROBERT PERRY 420 ACKLEY ST MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC003088356
Gen Status Universe:	No Report
Contact Name:	ROBERT PERRY
Contact Address:	420 ACKLEY ST , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	714-655-2307
Contact Email:	SCHEDULING@PWSEI.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20201014
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20201014
Handler Name:	ROBERT PERRY
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Type:	Other	**Street 1:**	420 ACKLEY ST
Name:	ROBERT PERRY	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	714-655-2307	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	420 ACKLEY ST
Name:	ROBERT PERRY	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	714-655-2307	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

30	1 of 1	N	0.18 / 925.90	438.50 / 57	ANNA WANG 1828 FILLMORE DR. MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC003180897
Gen Status Universe:	No Report
Contact Name:	ANNA WANG
Contact Address:	1826 CARDIFF ROAD , , SAN DIMAS , CA, 91773 ,
Contact Phone No and Ext:	323-868-8810
Contact Email:	ANNA@ANNAWANG.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20220614
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20220614
Handler Name:	ANNA WANG
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1826 CARDIFF ROAD
Name:	ANNA WANG	***Street 2:***	
Date Became Current:		***City:***	SAN DIMAS
Date Ended Current:		***State:***	CA
Phone:	323-868-8810	***Country:***	
Source Type:	Implementer	***Zip Code:***	91773

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1828 FILLMORE DR.
Name:	ANNA WANG	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	323-868-8810	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
31	1 of 1	E	0.18 / 930.55	365.91 / -16	MOON VALLEY NURSERY OF CALIFORNIA 2100 MARKET PLACE AVE MONTEREY PARK CA 91754	CUPA LA COUNTY

Facility ID:	FA0046742
CERS ID:	10713652

Active Facility Details

PE:	3001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	1 of 1	NNE	0.18 / 934.20	439.23 / 57	DENNIS YAMANOUYE 1871 S ORANGE AVE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC002999644
Gen Status Universe:	No Report
Contact Name:	DENNIS YAMANOUYE
Contact Address:	1871 S ORANGE AVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-512-9216
Contact Email:	MANIFEST.SIRRIS@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20190205
Location Latitude:	34.043849
Location Longitude:	-118.111895

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No

Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190205
Handler Name:	DENNIS YAMANOUYE
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1871 S ORANGE AVE
Name:	DENNIS YAMANOUYE	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-512-9216	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1871 S ORANGE AVE
Name:	DENNIS YAMANOUYE	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-512-9216	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
33	1 of 2	NE	0.18 / 938.18	439.21 / 57	CITY Y OF MONTEREY PARK 1860 S. ORANGE AVE MONTEREY PARK CA 91754	RCRA NON GEN

EPA Handler ID:	CAC002974966
Gen Status Universe:	No Report
Contact Name:	CITY OF MONTEREY PARK
Contact Address:	1860 S. ORANGE AVE , , MONTEREY PARK , CA, 91754 ,
Contact Phone No and Ext:	760-421-1104
Contact Email:	GABRIELLE@PGJENVIRONMENTAL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20180809
Location Latitude:	34.04385
Location Longitude:	-118.111835

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20180809
Handler Name:	CITY Y OF MONTEREY PARK
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1860 S. ORANGE AVE
Name:	CITY OF MONTEREY PARK	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	760-421-1104	***Country:***	
Source Type:	Implementer	***Zip Code:***	91754

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1860 S. ORANGE AVE
Name:	CITY OF MONTEREY PARK	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	760-421-1104	***Country:***	
Source Type:	Implementer	***Zip Code:***	91754

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
33	*2 of 2*	*NE*	*0.18 / 938.18*	*439.21 / 57*	***RUTH WONG*** ***1860 S. ORANGE AVE*** ***MONTEREY PARK CA 91755***	***RCRA NON GEN***

EPA Handler ID:	CAC003028561
Gen Status Universe:	No Report
Contact Name:	RUTH WONG
Contact Address:	1860 S. ORANGE AVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-627-8663
Contact Email:	GABRIELLE@PGJENVIRONMENTAL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20190808
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190808
Handler Name:	RUTH WONG
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1860 S. ORANGE AVE
Name:	RUTH WONG	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-627-8663	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1860 S. ORANGE AVE
Name:	RUTH WONG	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-627-8663	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
34	*1 of 1*	*E*	*0.18 / 966.13*	*367.51 / -14*	***SCE MONTEBELLO SERVICE CTR*** ***1000 E POTRERO GRANDE DR*** ***MONTEREY PARK CA 91755***	***RCRA LQG***

EPA Handler ID:	CAR000195891
Gen Status Universe:	Large Quantity Generator
Contact Name:	SARA M DUVALL
Contact Address:	PO BOX 800 , , ROSEMEAD , CA, 91770 , US
Contact Phone No and Ext:	626-302-4187
Contact Email:	SARA.DUVALL@SCE.COM
Contact Country:	US
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	Private
Receive Date:	20101207
Location Latitude:	34.040035
Location Longitude:	-118.107253

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20081010
Handler Name:	MONTEBELLO SERVICE CENTER
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D018
Waste Code Description:	BENZENE
Hazardous Waste Code:	F005
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	F003
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	D039
Waste Code Description:	TETRACHLOROETHYLENE
Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	D040
Waste Code Description:	TRICHLORETHYLENE
Hazardous Waste Code:	F002
Waste Code Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-

1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20101207
Handler Name: SCE MONTEBELLO SERVICE CTR
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: 541
Waste Code Description: Photochemicals / photo processing waste

Hazardous Waste Code: 131
Waste Code Description: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: 461
Waste Code Description: Degreasing sludge

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: 272
Waste Code Description: Polymeric resin waste

Hazardous Waste Code: 221
Waste Code Description: Waste oil and mixed oil

Hazardous Waste Code: 551
Waste Code Description: Laboratory waste chemicals

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: 512

Waste Code Description: Other empty containers 30 gallons or more

Hazardous Waste Code: 211
Waste Code Description: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 291
Waste Code Description: Latex waste

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: 213
Waste Code Description: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: 731
Waste Code Description: Liquids with polychlorinated biphenyls > 50 mg/l

Hazardous Waste Code: 223
Waste Code Description: Unspecified oil-containing waste

Hazardous Waste Code: 261
Waste Code Description: Polychlorinated biphenyls and material containing PCB's

Hazardous Waste Code: 151
Waste Code Description: Asbestos-containing waste

Hazardous Waste Code: 513
Waste Code Description: Empty containers less than 30 gallons

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Street No:
Street 1:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Name:	SOUTHERN CALIFORNIA EDISON	**Street 2:**	
Dt Became Current:	19750101	**City:**	
Dt Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Notification	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 800
Name:	SOUTHERN CALIFORNIA EDISON	**Street 2:**	
Dt Became Current:	19750101	**City:**	ROSEMEAD
Dt Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	91770
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 800
Name:	SOUTHERN CALIFORNIA EDISON	**Street 2:**	
Dt Became Current:	19750101	**City:**	ROSEMEAD
Dt Ended Current:		**State:**	CA
Phone:	626-302-1212	**Country:**	US
Source Type:	Notification	**Zip Code:**	91770

Historical Handler Details

Receive Dt:	20081010
Generator Code Description:	Large Quantity Generator
Handler Name:	MONTEBELLO SERVICE CENTER

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
35	1 of 3	SSE	0.18 / 972.62	344.97 / -37	700 POTRERO GRANDE DR MONTEREY PARK CA 91754	HMS LA

Site No:	009002
Area:	3M

Detail Info

Permit No:	00004028T	**Status:**	Equipment Removed
Permit Status:	Equipment Removed	**File No:**	012371
Permit Category:	Underground Storage Tank	**File Name:**	SCE - MESA SUBSTATION
Permit Type:	Underground Storage Tank Operating Permit		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
35	2 of 3	SSE	0.18 / 972.62	344.97 / -37	METROPOLITAN WATER DISTRICT'S MIDDLE FEEDER SOUTH PIPELINE 700 POTRERO GRANDE DRIVE MONTEREY PARK CA 91755-7409	WASTE DISCHG

Global ID:	WDR100039675	**Site Facility Type:**	* WDR SITE
Facility ID:		**Site Code:**	
Status:	NEVER ACTIVE - WDR	**County:**	LOS ANGELES
Note:	Information related to facilities can be searched on Geo Tracker Website: https://geotracker.waterboards.ca.gov/search		
Source:	Cleanup Program Sites from GeoTracker Search		

WDR Sites from GeoTracker Search - Facilities (as of Oct 17, 2022)

Site Facility Name:	METROPOLITAN WATER DISTRICT'S MIDDLE FEEDER SOUTH PIPELINE
Site Facility Type:	* WDR SITE
Cleanup Status:	NEVER ACTIVE - WDR
Cleanup Stat Detail:	
Potential COC:	
CUF Claimno No:	
CUF Amount Paid:	

WDR Place Type: Domestic Site NEC
WDR File No: 17-046
WDR Order No:
File Location:
Address/Partial Add: 700 POTRERO GRANDE DRIVE
City: MONTEREY PARK
ZIP: 91755-7409
County: LOS ANGELES
Potential Media of Concern:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Post Closure Site Management:
Future Land Use Reported:
CUF Priority Assigned:
Project Status: NEVER ACTIVE - WDR AS OF
DWR GW Sub Basin:
Calwater Watershed:
Cleanup Oversight Agencies:
Project Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD)
Facility Type:
Composting Method:
Groundwater Monitoring Frq:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=WDR100039675
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=WDR100039675&tabname=regulatoryhistory
Site History:

No site history available

WDR Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Response Requested - WDR
Action: WDR Application (Form 200)
Action Dt: 4/3/2017
Received Issue Dt: 4/3/2017
Title Description Comments: Metropolitan Water District's Middle Feeder South Pipeline_Form 200_2017-04-03
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=WDR100039675&doc_id=5916760

Action Type: Enforcement/Orders
Action: Incomplete WDR Application
Action Dt: 11/3/2017
Received Issue Dt: 11/3/2017
Title Description Comments: Metropolitan Water Districts_Incomplete Application, File No. 17-046_2017-11-03
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=WDR100039675&enforcement_id=6340331&temptable=ENFORCEMENT

WDR Sites from GeoTracker Search - Project Status History (as of Oct 17, 2022)

Status: Open - Case Begin Date
Date: 4/3/2017

WDR Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Title: METROPOLITAN WATER DISTRICTS_INCOMPLETE APPLICATION, FILE NO. 17-046_2017-11-03 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=WDR100039675&enforcement_id=6340331
Type: INCOMPLETE WDR APPLICATION
Submitted:
Submitted By: CLARITA S. QUIDILLA (REGULATOR)
Document Type: Site Documents
Document Date: 11/3/2017
Size:

Title: METROPOLITAN WATER DISTRICT'S MIDDLE FEEDER SOUTH PIPELINE_FORM 200_2017-04-03 **Note:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=WDR100039675&document_id=5916760
Type: WDR APPLICATION (FORM 200)
Submitted:
Submitted By: CLARITA S. QUIDILLA (REGULATOR)
Document Type: Site Documents
Document Date: 4/3/2017
Size:

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35 | 3 of 3 | SSE | 0.18 / 972.62 | 344.97 / -37 | SPRINT NXTL SCE MESA SUB
700 E POTRERO GRANDE DR
SPRNT
MONTEREY PARK CA 91755 | CUPA
LA COUNTY

Facility ID: FA0038903
CERS ID: 0

Inactive Facility Details

PE: 3000

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36 | 1 of 1 | SW | 0.19 / 978.09 | 334.74 / -47 | ATLAS DISPLAY CO.
521 ATLAS AV
MONTEREY PARK CA 91754 | EMISSIONS

1990 Criteria Data

Facility ID:	63702	**CERR Code:**	
Facility SIC Code:	2675	**TOGT:**	.9
CO:	19	**ROGT:**	.81396
Air Basin:	SC	**COT:**	
District:	SC	**NOXT:**	
COID:	LA	**SOXT:**	
DISN:	SOUTH COAST AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

1990 Toxic Data

Facility ID:	63702	**COID:**	LA
Facility SIC Code:	2675	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

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37 | 1 of 1 | SSE | 0.19 / 978.50 | 343.56 / -38 | SPRINT NXTL POTRERO GRANDE
690 POTRERO GRANDE DR
MONTEREY PARK CA 91755 | CUPA
LA COUNTY

Facility ID: FA0038902
CERS ID: 0

Inactive Facility Details

PE: 3000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
38	1 of 1	E	0.19 / 1,001.64	372.18 / -10	POWER GRADE MESA SUBSTATION PROJECT YARD 2110 GREENWOOD AVE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAL000432709
Gen Status Universe: No Report
Contact Name: CRAIG PERNOT
Contact Address: 2115 S CUCAMONGA AVE , , ONTARIO , CA, 91761 ,
Contact Phone No and Ext: 909-226-5287
Contact Email: CRAIG@POWERGRADEINC.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20171220
Location Latitude: 34.038177
Location Longitude: -118.107304

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20171220
Handler Name: POWER GRADE MESA SUBSTATION PROJECT YARD
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: POWER GRADE INC
Date Became Current:
Date Ended Current:
Phone: 909-947-5191
Source Type: Implementer
Street No:
Street 1: 2115 S CUCAMONGA AVE
Street 2:
City: ONTARIO
State: CA
Country:
Zip Code: 91761

Owner/Operator Ind: Current Operator
Type: Other
Name: CRAIG PERNOT
Street No:
Street 1: 2115 S CUCAMONGA AVE
Street 2:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Became Current:		**City:**	ONTARIO
Date Ended Current:		**State:**	CA
Phone:	909-226-5287	**Country:**	
Source Type:	Implementer	**Zip Code:**	91761

39	1 of 2	NNE	0.19 / 1,005.48	443.41 / 62	MARION SOMIMOTO 1840 S ORANGE AVE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC002991589
Gen Status Universe:	No Report
Contact Name:	MARION SOMIMOTO
Contact Address:	1840 S ORANGE AVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-288-9519
Contact Email:	MANIFEST.SIRRIS@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20181204
Location Latitude:	34.044032
Location Longitude:	-118.111805

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20181204
Handler Name:	MARION SOMIMOTO
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1840 S ORANGE AVE
Name:	MARION SOMIMOTO	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-288-9519	**Country:**	

Source Type:	Implementer	**Zip Code:**	91755
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1840 S ORANGE AVE
Name:	MARION SOMIMOTO	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-288-9519	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
39	2 of 2	NNE	0.19 / 1,005.48	443.41 / 62	MARION SUMIMOTO 1840 S ORANGE AVE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC003096901
Gen Status Universe:	No Report
Contact Name:	MARION SUMIMOTO
Contact Address:	1840 S ORANGE AVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-288-9519
Contact Email:	MFSUMI63@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20201211
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20201211
Handler Name:	MARION SUMIMOTO
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Type:	Other	**Street 1:**	1840 S ORANGE AVE
Name:	MARION SUMIMOTO	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-288-9519	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1840 S ORANGE AVE
Name:	MARION SUMIMOTO	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-288-9519	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

40	1 of 4	S	0.19 / 1,021.35	342.31 / -40	SCE - MESA SUBSTATION 700 E POTRERO GRANDE DR MONTEREY PARK CA 91755	LUST

Global ID:	T0601993710	**Census Tract:**	6037482800
Status Date:	4/23/2003	**Match Key:**	T0601993710
Case Type:	LUST CLEANUP SITE	**County:**	LOS ANGELES
Oil Field:		**Latitude:**	34.037155
Oil Field Operator:		**Longitude:**	-118.112292
Status:	COMPLETED - CASE CLOSED		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case:	NO
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	
Local Agency:	LOS ANGELES COUNTY
RB Case No:	R-12371
Local Case No:	
File Location:	
Potential COC:	Diesel, Gasoline
Potential Media of Concern:	Soil
Begin Date:	7/9/1999
How Discovered:	Other Means
How Discovered Description:	
Stop Method:	
Stop Description:	
Calwater Watershed Name:	Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name:	Coastal Plain Of Los Angeles - Central (4-011.04)
Disadvantaged Community:	
CalEnvScreen Score:	
Coordinate Source:	Google Geocode
Discharge Cause:	Unknown
Discharge Source:	Tank
EPA Region:	9
Leak Reported Dt:	2001-10-02 00:00:00
Military DoD Site:	No
No Further Action Dt:	2003-04-23 00:00:00
Qty Rlsd Gallons:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	86-90%
Calenviroscreen 4 Score:	60-65%
Site History:	

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type:	RESPONSE
Date :	8/1/2002
Action:	Soil and Water Investigation Workplan

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type:	Local Agency Caseworker
Contact Name:	RANI IYER
Organization Name:	LOS ANGELES COUNTY
Address:	900 S. FREMONT AVE.
City:	ALHAMBRA
Email:	riyer@dpw.lacounty.gov
Phone No:	

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status:	Open - Site Assessment
Status Date:	7/9/1999
Status:	Open - Verification Monitoring
Status Date:	10/2/2001
Status:	Completed - Case Closed
Status Date:	4/23/2003
Status:	Open - Site Assessment
Status Date:	4/2/2002
Status:	Open - Case Begin Date
Status Date:	7/9/1999

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name:	SCE - MESA SUBSTATION
Site Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Address:	700 E POTRERO GRANDE DR
City:	MONTEREY PARK
Zip:	91755
County:	LOS ANGELES
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T0601993710
Cleanup Status Detail:	COMPLETED - CASE CLOSED AS OF 4/23/2003
Project Status:	
Cleanup History Link:	https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0601993710&tabname=regulatoryhistory
Potential COC:	DIESEL, GASOLINE
Potential Media of Concern:	SOIL
File Location:	
User Defined Beneficial Use:	
Designated Beneficial Use:	MUN, AGR, IND, PROC
DWR GW Sub Basin:	Coastal Plain Of Los Angeles - Central (4-011.04)
Calwater Watershed Name:	Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:	
Future Land Use:	
Cleanup Oversight Agencies:	LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: R-12371 LOS ANGELES COUNTY CASEWORKER: RANI IYER
CUF Claim:	
CUF Priority Assig:	
CUF Amount Paid:	
WDR Place Type:	
WDR File:	
WDR Order:	
Project Oversight Agencies:	
Facility Type:	
Composting Method:	
Gndwater Monitoring Freque:	
Designated Beneficial Use Desc:	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:	

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Open - Site Assessment
Date : 7/9/1999

Status: Open - Verification Monitoring
Date : 10/2/2001

Status: Completed - Case Closed
Date : 4/23/2003

Status: Open - Site Assessment
Date : 4/2/2002

Status: Open - Case Begin Date
Date : 7/9/1999

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 4/23/2003
Received Issue Date: 4/23/2003
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Meeting
Action Date: 4/10/2003
Received Issue Date: 4/10/2003
Doc Link:
Title Description Comments:

MEETING W/RP

Action Type: Response Requested - Reports
Action: Soil and Water Investigation Report
Action Date: 1/31/2003
Received Issue Date: 1/31/2003
Doc Link:
Title Description Comments:

Soil and Water Investigation Report

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 10/25/2002
Received Issue Date: 10/25/2002
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 8/2/2002
Received Issue Date: 8/2/2002
Doc Link:
Title Description Comments:

SB592 NOTIFICATION

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 7/2/2002
Received Issue Date: 7/2/2002
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action: Soil and Water Investigation Workplan
Action Date: *8/1/2002
Received Issue Date: 10/10/2002
Doc Link:
Title Description Comments:

Soil and Water Investigation Workplan

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 4/2/2002
Received Issue Date: 4/2/2002
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 2/1/2002
Received Issue Date: 2/1/2002
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 10/2/2001
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 8/12/1999
Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Site Maps (as of Oct 17, 2022)

Submitted: 4/24/2003 ***Submitted By:*** DARREN BRANDNER (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/8226911246/T0601993710.pdf

40	2 of 4	S	0.19 / 1,021.35	342.31 / -40	SCE MESA SUBSTATION 700 E POTRERO GRANDE DR MONTEREY PARK CA 91754	CUPA LA COUNTY

Facility ID: FA0021162
CERS ID: 10159501

Active Facility Details

PE: 3701

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
PE:		3004				
PE:		1003				
40	3 of 4	S	0.19 / 1,021.35	342.31 / -40	SCE MESA SUBSTATION 700 E POTRERO GRANDE DR MONTEREY PARK CA 91755	RCRA LQG

EPA Handler ID: CAR000203182
Gen Status Universe: Large Quantity Generator
Contact Name: SARA M DUVALL
Contact Address: PO BOX 800 , , ROSEMEAD , CA, 91770 , US
Contact Phone No and Ext: 626-302-4781
Contact Email: SARA.DUVALL@SCE.COM
Contact Country: US
County Name: LOS ANGELES
EPA Region: 09
Land Type: Private
Receive Date: 20220309
Location Latitude: 34.0371
Location Longitude: -118.113378

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20091009
Handler Name: MESA SUBSTATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20220309
Handler Name: SCE MESA SUBSTATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 291
Waste Code Description: Latex waste

Hazardous Waste Code: 133
Waste Code Description: Aqueous solution with 10% or more total organic residues

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: 272
Waste Code Description: Polymeric resin waste

Hazardous Waste Code:	512
Waste Code Description:	Other empty containers 30 gallons or more
Hazardous Waste Code:	D008
Waste Code Description:	LEAD
Hazardous Waste Code:	731
Waste Code Description:	Liquids with polychlorinated biphenyls > 50 mg/l
Hazardous Waste Code:	213
Waste Code Description:	Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Hazardous Waste Code:	F001
Waste Code Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	551
Waste Code Description:	Laboratory waste chemicals
Hazardous Waste Code:	F003
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	D039
Waste Code Description:	TETRACHLOROETHYLENE
Hazardous Waste Code:	331
Waste Code Description:	Off-specification, aged, or surplus organics
Hazardous Waste Code:	211
Waste Code Description:	Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Hazardous Waste Code:	541
Waste Code Description:	Photochemicals / photo processing waste
Hazardous Waste Code:	261
Waste Code Description:	Polychlorinated biphenyls and material containing PCB's
Hazardous Waste Code:	151
Waste Code Description:	Asbestos-containing waste
Hazardous Waste Code:	461
Waste Code Description:	Degreasing sludge
Hazardous Waste Code:	214
Waste Code Description:	Unspecified solvent mixture
Hazardous Waste Code:	D040
Waste Code Description:	TRICHLORETHYLENE
Hazardous Waste Code:	513
Waste Code Description:	Empty containers less than 30 gallons
Hazardous Waste Code:	221
Waste Code Description:	Waste oil and mixed oil
Hazardous Waste Code:	181
Waste Code Description:	Other inorganic solid waste

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: 223
Waste Code Description: Unspecified oil-containing waste

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20101207
Handler Name: SCE MESA SUBSTATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: 221
Waste Code Description: Waste oil and mixed oil

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 223
Waste Code Description: Unspecified oil-containing waste

Hazardous Waste Code: 461
Waste Code Description: Degreasing sludge

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: 731
Waste Code Description: Liquids with polychlorinated biphenyls > 50 mg/l

Hazardous Waste Code: 211
Waste Code Description: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)

Hazardous Waste Code: 213
Waste Code Description: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)

Hazardous Waste Code: 551
Waste Code Description: Laboratory waste chemicals

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT

SOLVENT MIXTURES.

Hazardous Waste Code: 513
Waste Code Description: Empty containers less than 30 gallons

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: 133
Waste Code Description: Aqueous solution with 10% or more total organic residues

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: 541
Waste Code Description: Photochemicals / photo processing waste

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: 512
Waste Code Description: Other empty containers 30 gallons or more

Hazardous Waste Code: 261
Waste Code Description: Polychlorinated biphenyls and material containing PCB's

Hazardous Waste Code: 272
Waste Code Description: Polymeric resin waste

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: 151
Waste Code Description: Asbestos-containing waste

Hazardous Waste Code: 291
Waste Code Description: Latex waste

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON

DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	PO BOX 800
Name:	SOUTHERN CALIFORNIA EDISON	***Street 2:***	
Dt Became Current:	19500101	***City:***	ROSEMEAD
Dt Ended Current:		***State:***	CA
Phone:	626-302-1212	***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	91770

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	PO BOX 800
Name:	SOUTHERN CALIFORNIA EDISON	***Street 2:***	
Dt Became Current:	19500101	***City:***	ROSEMEAD
Dt Ended Current:		***State:***	CA
Phone:	626-302-1212	***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	91770

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	
Name:	SOUTHERN CALIFORNIA EDISON	***Street 2:***	
Dt Became Current:	19500101	***City:***	
Dt Ended Current:		***State:***	
Phone:		***Country:***	
Source Type:	Notification	***Zip Code:***	

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	PO BOX 800
Name:	SOUTHERN CALIFORNIA EDISON	***Street 2:***	
Dt Became Current:	19500101	***City:***	ROSEMEAD
Dt Ended Current:		***State:***	CA
Phone:		***Country:***	US
Source Type:	Notification	***Zip Code:***	91770

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	PO BOX 800
Name:	SOUTHERN CALIFORNIA EDISON	***Street 2:***	
Dt Became Current:	19500101	***City:***	ROSEMEAD
Dt Ended Current:		***State:***	CA
Phone:	626-302-1212	***Country:***	US
Source Type:	Notification	***Zip Code:***	91770

Historical Handler Details

Receive Dt: 20091009
Generator Code Description: Large Quantity Generator
Handler Name: MESA SUBSTATION

Receive Dt: 20101207
Generator Code Description: Large Quantity Generator
Handler Name: SCE MESA SUBSTATION

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
40	4 of 4	S	0.19 / 1,021.35	342.31 / -40	SOUTHERN CALIFORNIA EDISON 700 E POTRERO GRANDE DR MONTEREY PARK CA	UST SWEEPS

C C: A19-000-12371 ***D Filename:*** SITE04A

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

BOE:	44-007438	**Page No:**	471
Comp:	12371	**County:**	LOS ANGELES
Status:	ACTIVE	**State :**	CA
No of Tanks:	1	**Zip:**	
Jurisdict:	LOS ANGELES COUNTY	**Latitude:**	34.035463
Agency:	WASTE MANAGEMENT DEPARTMENT	**Longitude:**	-118.117422
Phone:		**Georesult:**	S5HPNTSC-A

Tank Details

Tank ID:	000001	**S Contain:**	
O Tank ID:		**Stg:**	W
SWRCB No:	19-000-012371-000001	**Storage :**	
Removed:		**Storag Type:**	WASTE
Installed:		**P Contain:**	
A Date:	06-30-89	**Content:**	
Capac:		**ONA:**	
Tank Use:	UNKNOWN	**D File Name:**	TANK4A

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
41	1 of 1	E	0.20 / 1,078.19	370.49 / -11	MESA WATERLINE RELOCATION PROJECT 1101 POTRERO GRANDE DR MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAL000432118
Gen Status Universe:	No Report
Contact Name:	CODY WARRINGTON
Contact Address:	10704 SHOEMAKER AVE , , SANTA FE SPRINGS , CA, 90670 ,
Contact Phone No and Ext:	562-320-1038
Contact Email:	CODY.WARRINGTON@KIEWIT.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20171115
Location Latitude:	34.039923
Location Longitude:	-118.107699

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sequence No:	1
Receive Date:	20171115
Handler Name:	MESA WATERLINE RELOCATION PROJECT
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	10704 SHOEMAKER AVE
Name:	CODY WARRINGTON	**Street 2:**	
Date Became Current:		**City:**	SANTA FE SPRINGS
Date Ended Current:		**State:**	CA
Phone:	562-320-1038	**Country:**	
Source Type:	Implementer	**Zip Code:**	90670
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	4650 BUSINESS CENTER DR
Name:	KIEWIT INFRASTRUCTURE WEST CO	**Street 2:**	
Date Became Current:		**City:**	FAIRFIELD
Date Ended Current:		**State:**	CA
Phone:	707-439-7300	**Country:**	
Source Type:	Implementer	**Zip Code:**	94534

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
42	1 of 1	WSW	0.21 / 1,086.50	322.47 / -59	MOBAY CHEM CORP MONTEREY PK 17 CUPANIA CIR MONTEREY PARK CA 91754	RCRA SQG

EPA Handler ID:	CAD066647306
Gen Status Universe:	Small Quantity Generator
Contact Name:	
Contact Address:	US
Contact Phone No and Ext:	
Contact Email:	
Contact Country:	US
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	19960901
Location Latitude:	34.037642
Location Longitude:	-118.1187

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19800818
Handler Name: MOBAY CHEM CORP MONTEREY PK
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19960901
Handler Name: MOBAY CHEM CORP MONTEREY PK
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: NOT REQUIRED
Date Became Current:
Date Ended Current:
Phone: 415-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: ME
Country:
Zip Code: 99999

Owner/Operator Ind: Current Owner
Type: Private
Name: MCCASLIN PACIFIC PROPERTIES
Date Became Current:
Date Ended Current:
Phone: 415-555-1212
Source Type: Notification
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: ME
Country:
Zip Code: 99999

Historical Handler Details

Receive Dt: 19800818
Generator Code Description: Large Quantity Generator
Handler Name: MOBAY CHEM CORP MONTEREY PK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
43	1 of 4	SE	0.21 / 1,105.17	332.29 / -50	MESA SUBSTATION 700 EAST POSTRERO GRANGE DR WILCOX MONTEREY PARK CA 91754	HHSS

County: Los Angeles
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028731.pdf

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
43	2 of 4	SE	0.21 / 1,105.17	332.29 / -50	SCE Mesa Substation 700 EAST POTRERO GRANDE DR MONTEREY PARK CA 91755	CERS TANK

Site ID: 155266
Latitude: 34.036870
Longitude: -118.113920

Regulated Programs

EI ID: 10159501
EI Description: Chemical Storage Facilities

EI ID: 10159501
EI Description: Hazardous Waste Generator

EI ID: 10159501
EI Description: Aboveground Petroleum Storage

Evaluations

Eval Date: 09/17/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 09/17/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 09/17/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

INSPECTED BY A. NG CONSENT GIVEN BY MITCHELLE ORA; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/27/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 12/09/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

John Amott IV (Safety & Environmental Specialist) Observed no significant violation on site at time of inspection.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 09/17/2013
Violations Found: No

Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

INSPECTED BY A. NG CONSENT GIVEN BY MITCHELLE ORA; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/30/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Consent given by Brett Koontz, Environmental Adviser; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 09/17/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 12/09/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

John Amott IV (Safety & Environmental Specialist) Observed no significant violation on site at time of inspection.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/30/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Consent given by Brett Koontz, Environmental Supervisor; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/27/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 12/09/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection

Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

John Amott IV (Safety & Environmental Specialist) Observed no significant violation on site at time of inspection.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 09/17/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

INSPECTED BY A. NG CONSENT GIVEN BY MITCHELLE ORA; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/27/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 12/30/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Consent given by Brett Koontz, Environmental Adviser; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Legal Owner
Entity Name: Southern California Edison
Entity Title:
Address: P.O. Box 5085 (Attn: ESD, Programs & Governance)
City: Rosemead
State: CA
Country: United States
Zip Code: 91770
Phone: (626) 302-1212

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: P.O. Box 5085 (Attn: ESD, Programs & Governance)
City: Rosemead
State: CA
Country:
Zip Code: 91770
Phone:

Affil Type Desc: Document Preparer
Entity Name: Jeremy Gates
Entity Title:

Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	

Affil Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	
Address:	5825 Rickenbacker Road
City:	Commerce
State:	CA
Country:	
Zip Code:	90040-3027
Phone:	(323) 890-4000

Affil Type Desc:	Parent Corporation
Entity Name:	Southern California Edison, Transmission and Distribution Organization (TD)
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	

Affil Type Desc:	Identification Signer
Entity Name:	Jeremy Gates
Entity Title:	Senior Advisor
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	

Affil Type Desc:	Property Owner
Entity Name:	Southern California Edison
Entity Title:	
Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
City:	Rosemead
State:	CA
Country:	United States
Zip Code:	91770
Phone:	(626) 302-1212

Affil Type Desc:	Environmental Contact
Entity Name:	Environmental Notification Center
Entity Title:	
Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
City:	Rosemead
State:	CA
Country:	
Zip Code:	91770
Phone:	

Affil Type Desc:	Operator
Entity Name:	Southern California Edison
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	(626) 302-1212

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
43	3 of 4	SE	0.21 / 1,105.17	332.29 / -50	MESA SUBSTATION 700 EAST POTRERO GRANGE DR MONTEREY PARK CA	HIST TANK

Owner Name: SOUTHERN CALIFORNIA EDISON CO.
Owner Street: 2244 WALNUT GROVE AVENUE
Owner City: ROSEMEAD
Owner State: CA
Owner Zip: 91770
No of Containers: 1
County: LOS ANGELES
Facility State: CA
Facility Zip: 91754

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
43	4 of 4	SE	0.21 / 1,105.17	332.29 / -50	MESA SUBSTATION 700 E. POTRERO GRANDE DR. MONTEREY PARK CA 91754	RCRA SQG

EPA Handler ID: CAD981694813
Gen Status Universe: Small Quantity Generator
Contact Name: STANLEY L MARSH
Contact Address: US
Contact Phone No and Ext: 626-302-9711
Contact Email: STANLEY.MARSH@SCE.COM
Contact Country: US
County Name: LOS ANGELES
EPA Region: 09
Land Type: Private
Receive Date: 20020228
Location Latitude: 34.0371
Location Longitude: -118.113378

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20020228
Handler Name: MESA SUBSTATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: 352

Waste Code Description: Other organic solids

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 223
Waste Code Description: Unspecified oil-containing waste

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20020228
Handler Name: MESA SUBSTATION
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19990316
Handler Name: MESA SUBSTATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Historical Handler Details

Receive Dt: 19990316
Generator Code Description: Large Quantity Generator

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Name: MESA SUBSTATION

Receive Dt: 20020228
Generator Code Description: Large Quantity Generator
Handler Name: MESA SUBSTATION

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44 | **1 of 2** | **NNE** | **0.21 / 1,132.30** | **449.69 / 68** | **AMEY ENOMOTO**
696 WILSON PLACE MONTER
MONTEREY PARK CA 91755 | **RCRA NON GEN**

EPA Handler ID: CAC002990644
Gen Status Universe: No Report
Contact Name: AMEY ENOMOTO
Contact Address: 696 WILSON PLACE , MONTER , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 626-280-7441
Contact Email: SENSITIVEENVIRONMENT@GMAIL.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20181127
Location Latitude: 34.044441
Location Longitude: -118.112006

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20181127
Handler Name: AMEY ENOMOTO
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: AMEY ENOMOTO
Date Became Current:
Date Ended Current:
Street No:
Street 1: 696 WILSON PLACE
Street 2: MONTER
City: MONTEREY PARK
State: CA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Phone:	626-280-7441	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	696 WILSON PLACE
Name:	AMEY ENOMOTO	**Street 2:**	MONTER
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-280-7441	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

44	2 of 2	NNE	0.21 / 1,132.30	449.69 / 68	AMEY ENOMOTO 696 WILSON PLACE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC002991838
Gen Status Universe:	No Report
Contact Name:	AMEY ENOMOTO
Contact Address:	696 WILSON PLACE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-280-7441
Contact Email:	SENSITIVEENVIRONMENT@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20181205
Location Latitude:	34.044441
Location Longitude:	-118.112006

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20181205
Handler Name:	AMEY ENOMOTO
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	696 WILSON PLACE
Name:	AMEY ENOMOTO	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-280-7441	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	696 WILSON PLACE
Name:	AMEY ENOMOTO	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-280-7441	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

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45 | **1 of 1** | **NW** | **0.22 / 1,145.97** | **388.33 / 6** | **ERNEST GUZMAN**
1852 BUCHANAN PLACE
MONTEREY PARK CA 91755 | **RCRA NON GEN**

EPA Handler ID:	CAC002983645
Gen Status Universe:	No Report
Contact Name:	ERNEST GUZMAN
Contact Address:	1852 BUCHANAN PLACE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-277-9754
Contact Email:	ENVIROWORK.VANESSA@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20181005
Location Latitude:	34.043901
Location Longitude:	-118.11728

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20181005
Handler Name:	ERNEST GUZMAN
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1852 BUCHANAN PLACE
Name:	ERNEST GUZMAN	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-277-9754	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1852 BUCHANAN PLACE
Name:	ERNEST GUZMAN	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-277-9754	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
46	1 of 1	E	0.22 / 1,153.89	398.09 / 16	MCCASLIN MATERIALS CO. PIT LOS ANGELES COUNTY MONTEREY PARK CA 91755	MRDS

Dep ID:	10236616	***I1:***	79
Dev Status:	PAST PRODUCER	***Latitude:***	34.041687
Code List:	STN_C	***Longitude:***	-118.107788
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10236616		

Commodity

I1:	28	***Line:***	1
Code:	STN_C	***Inserted By:***	MAS migration
Commodity:	Stone, Crushed/Broken	***Insert Date:***	29-OCT-2002 09:00:24
Commodity Type:	Non-metallic	***Updated By:***	USGS
Commodity Group:	Stone, Crushed	***Update Date:***	29-OCT-2002 09:02:07
Importance:	Primary		

Names

I1:	33	***Inserted By:***	MAS migration
Status:	Previous	***Insert Date:***	29-OCT-02
Site Name:	Mccaslin Materials Co.	***Updated By:***	USGS
Line:	2	***Update Date:***	29-OCT-02

Names

I1:	33	***Inserted By:***	MAS migration
Status:	Current	***Insert Date:***	29-OCT-02
Site Name:	Mccaslin Materials Co. Pit	***Updated By:***	USGS
Line:	1	***Update Date:***	29-OCT-02

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
47	1 of 1	ENE	0.22 / 1,172.45	478.64 / 97	MOMI NARIKOYO 1863 ASH MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC003113540
Gen Status Universe:	No Report
Contact Name:	MOMI NARIKOYO
Contact Address:	1863 ASH , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-862-4421
Contact Email:	MANIFEST.SIRRIS@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

EPA Region: 09
Land Type:
Receive Date: 20210406
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20210406
Handler Name: MOMI NARIKOYO
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: MOMI NARIKOYO
Date Became Current:
Date Ended Current:
Phone: 626-862-4421
Source Type: Implementer
Street No:
Street 1: 1863 ASH
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Owner
Type: Other
Name: MOMI NARIKOYO
Date Became Current:
Date Ended Current:
Phone: 626-862-4421
Source Type: Implementer
Street No:
Street 1: 1863 ASH
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
48	1 of 2	SW	0.23 / 1,191.68	330.36 / -51	2 CORAL CIR MONTEREY PARK CA 91754	HMS LA

Site No: 007752
Area: 3M

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Detail Info

Permit No: 000009231
Permit Status: Equipment Removed
Permit Category: Industrial Waste Permit
Permit Type: Operating Industrial Waste Permit - Local Sewer
Status: Equipment Removed
File No: I08191
File Name: MCGRAW HILL INC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
48	2 of 2	SW	0.23 / 1,191.68	330.36 / -51	2 CORAL CIR MONTEREY PARK CA 91754	HMS LA

Site No: 009102
Area: 3M

Detail Info

Permit No:
Permit Status:
Permit Category:
Permit Type:
Status: File Opened, no permit exists
File No: 008191
File Name: MCGRAW HILL INC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
49	1 of 1	NNE	0.23 / 1,195.91	451.45 / 70	DEBRA SIMONE / LONI SHIBUYAMA 1778 S. ORANGE AVENUE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC003188785
Gen Status Universe: No Report
Contact Name: DEBRA SIMONE / LONI SHIBUYAMA
Contact Address: 1778 S. ORANGE AVENUE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 310-486-3319
Contact Email: WANG@FRESHAIRENVIRONMENTAL.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20220805
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20220805
Handler Name: DEBRA SIMONE / LONI SHIBUYAMA
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: DEBRA SIMONE / LONI SHIBUYAMA
Date Became Current:
Date Ended Current:
Phone: 310-489-3319
Source Type: Implementer
Street No:
Street 1: 1778 S. ORANGE AVENUE
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Operator
Type: Other
Name: DEBRA SIMONE / LONI SHIBUYAMA
Date Became Current:
Date Ended Current:
Phone: 310-486-3319
Source Type: Implementer
Street No:
Street 1: 1778 S. ORANGE AVENUE
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

50	1 of 1	E	0.23 / 1,198.37	400.39 / 19	***POWER GRADE INC. - SCE MESA SUBSTATION PROJECT YARD 2110 MARKET PLACE DR MONTEREY PARK CA 91755***	***CUPA LA COUNTY***

Facility ID: FA0050115
CERS ID: 10751722

Active Facility Details

PE: 1001

PE: 3000

51	1 of 1	NNW	0.23 / 1,231.71	455.13 / 73	***YONEO INOUYE 1793 ADAMS WAY MONTEREY PARK CA 91755***	***RCRA NON GEN***

EPA Handler ID: CAC003053071
Gen Status Universe: No Report
Contact Name: YONEO INOUYE
Contact Address: 1793 ADAMS WAY , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 626-379-1941
Contact Email: CRISTAL.TEECOR@YAHOO.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20200128
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20200128
Handler Name:	YONEO INOUYE
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1793 ADAMS WAY
Name:	YONEO INOUYE	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-379-1941	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1793 ADAMS WAY
Name:	YONEO INOUYE	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-379-1941	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
52	*1 of 1*	*NE*	*0.24 / 1,252.02*	*491.15 / 109*	***JEAN KOBATA*** ***743 ACKLEY ST*** ***MONTEREY PARK CA 91754***	***RCRA NON GEN***

EPA Handler ID:	CAC003097684
Gen Status Universe:	No Report
Contact Name:	JEAN KOBATA
Contact Address:	743 ACKLEY ST , , MONTEREY PARK , CA, 91754 ,
Contact Phone No and Ext:	626-573-4803
Contact Email:	SCHEDULING@PWSEI.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20201217
Location Latitude:	
Location Longitude:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20201217
Handler Name:	JEAN KOBATA
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	743 ACKLEY ST
Name:	JEAN KOBATA	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-573-4803	***Country:***	
Source Type:	Implementer	***Zip Code:***	91754
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	743 ACKLEY ST
Name:	JEAN KOBATA	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-573-4803	***Country:***	
Source Type:	Implementer	***Zip Code:***	91754

53	***1 of 1***	***NNW***	***0.24 / 1,271.75***	***462.03 / 80***	***WENDY LUI 500 VAN BUREN DR MONTEREY PARK CA 91755***	***RCRA NON GEN***

EPA Handler ID:	CAC002980756
Gen Status Universe:	No Report
Contact Name:	WENDY LUI
Contact Address:	500 VAN BUREN DR , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	310-413-5001
Contact Email:	CHRIS@JCENVIRONMENTALINC.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Receive Date: 20180918
Location Latitude: 34.044767
Location Longitude: -118.116186

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20180918
Handler Name: WENDY LUI
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: WENDY LUI
Date Became Current:
Date Ended Current:
Phone: 310-413-5001
Source Type: Implementer
Street No:
Street 1: 500 VAN BUREN DR
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Operator
Type: Other
Name: WENDY LUI
Date Became Current:
Date Ended Current:
Phone: 310-413-5001
Source Type: Implementer
Street No:
Street 1: 500 VAN BUREN DR
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

54	1 of 4	E	0.24 / 1,280.84	374.61 / -7	SAN GABRIEL NURSERY 2015 POTRERO GRANDE DR MONTEREY PARK CA 91755	DELISTED TNK

Delisted Storage Tanks

Facility ID: 14037
County: Los Angeles

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Latitude: 34.0429351
Longitude: -118.1036096
Permitting Agency: LOS ANGELES COUNTY
Original Source: UST
Record Date: 30-JAN-2017

---

54 | **2 of 4** | **E** | **0.24 / 1,280.84** | **374.61 / -7** | **2015 POTRERO GRANDE DR MONTEREY PARK CA 917557414** | **HMS LA**

Site No: 013637
Area: 3M

Detail Info

Permit No: 00005512T
Permit Status: Equipment Removed
Permit Category: Underground Storage Tank
Permit Type: Underground Storage Tank Operating Permit
Status: Equipment Removed
File No: 014037
File Name: SAN GABRIEL NURSERY

---

54 | **3 of 4** | **E** | **0.24 / 1,280.84** | **374.61 / -7** | **SAN GABRIEL NURSERY & FLORIST 2015 POTRERO GRANDE DR MONTEREY PARK CA 91755** | **SML LA**

Site ID: SD0000592
Case ID: RO0001590
Status:

---

54 | **4 of 4** | **E** | **0.24 / 1,280.84** | **374.61 / -7** | **SAN GABRIEL NURSERY/FLORIST 2015 POTRERO GRANDE DR MONTEREY PARK CA 91755** | **CUPA LA COUNTY**

Facility ID: FA0021166
CERS ID: 10283176

Inactive Facility Details

PE: 1003

PE: 3500

PE: 7110

PE: 7124

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55 | **1 of 2** | **SSW** | **0.27 / 1,408.57** | **319.29 / -63** | **Verizon Wireless: Greenwood 500 POTRERO GRANDE DR # VZ MONTEREY PARK CA 91755** | **DELISTED HAZ**

Siteid: 82391
Latitude: 34.035430
Longitude: -118.117020
Original Source: CHAZ
Record Date: 22-MAR-2018

---

55 | **2 of 2** | **SSW** | **0.27 / 1,408.57** | **319.29 / -63** | **Power Grade Inc. - SCE Mesa Substation Project 500 POTRERO GRANDE DR MONTEREY PARK CA 91755** | **DELISTED HAZ**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Siteid: 427426
Latitude: 34.035558
Longitude: -118.116750
Original Source: CHAZ
Record Date: 04-JAN-2018

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
56	1 of 1	SSW	0.30 / 1,593.98	307.42 / -74	SHELL SERVICE STATION 430 POTRERO GRANDE MONTEREY PARK CA 91755	LUST

Global ID: T0603789423
Status Date: 8/9/2005
Case Type: LUST CLEANUP SITE
Oil Field:
Oil Field Operator:
Status: COMPLETED - CASE CLOSED
Census Tract: 6037482800
Match Key: T0603789423
County: LOS ANGELES
Latitude: 34.03476
Longitude: -118.117538

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case: NO
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: GK
Local Agency: LOS ANGELES COUNTY
RB Case No: I-09487A
Local Case No: 08424-26406
File Location:
Potential COC: Other Solvent or Non-Petroleum Hydrocarbon
Potential Media of Concern: Soil
Begin Date: 8/26/2002
How Discovered: Other Means
How Discovered Description: DRILLING **Note: Many records provided by the department have a truncated [How Discovered Description] field.
Stop Method:
Stop Description:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name: Coastal Plain Of Los Angeles - Central (4-011.04)
Disadvantaged Community:
CalEnvScreen Score:
Coordinate Source: Google Geocode
Discharge Cause: Unknown
Discharge Source:
EPA Region: 9
Leak Reported Dt: 2002-11-11 00:00:00
Military DoD Site: No
No Further Action Dt: 2005-08-09 00:00:00
Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 86-90%
Calenviroscreen 4 Score: 60-65%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: SAM STEVENS
Organization Name: LOS ANGELES COUNTY
Address: 900 S. FREMONT AVE.
City: ALHAMBRA
Email:
Phone No: 6264583507

Contact Type: Regional Board Caseworker
Contact Name: GREGG KWEY
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 WEST 4TH ST. SUITE 200- 1ST FLOOR

City: R4 UNKNOWN, LOS ANGELES
Email: gkwey@waterboards.ca.gov
Phone No: 2135766702

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Case Begin Date
Status Date: 8/26/2002

Status: Open - Site Assessment
Status Date: 8/26/2002

Status: Completed - Case Closed
Status Date: 8/9/2005

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: SHELL SERVICE STATION
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 430 POTRERO GRANDE
City: MONTEREY PARK
Zip: 91755
County: LOS ANGELES
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603789423
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 8/9/2005
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603789423&tabname=regulatoryhistory
Potential COC: OTHER SOLVENT OR NON-PETROLEUM HYDROCARBON
Potential Media of Concern: SOIL
File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
DWR GW Sub Basin: Coastal Plain Of Los Angeles - Central (4-011.04)
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: I-09487A
CASEWORKER: GREGG KWEY
LOS ANGELES COUNTY - CASE #: 08424-26406
CASEWORKER: SAM STEVENS
CUF Claim:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File:
WDR Order:
Project Oversight Agencies:
Facility Type:
Composting Method:
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 8/9/2005

Status: Open - Case Begin Date
Date : 8/26/2002

Status: Open - Site Assessment
Date : 8/26/2002

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Site Visit / Inspection / Sampling
Action Date: 8/9/2005
Received Issue Date: 8/9/2005
Doc Link:
Title Description Comments:

PRE-CLOSURE INSPECTION FOR LOW RISK REVIEW

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 8/9/2005
Received Issue Date: 8/9/2005
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action: Electronic Reporting Submittal Due
Action Date: 7/28/2005
Received Issue Date: 7/12/2005
Doc Link:
Title Description Comments:

Electronic Reporting Submittal Due

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 7/14/2005
Received Issue Date: 7/14/2005
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2005
Received Issue Date: 4/18/2005
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/25/2005
Received Issue Date: 1/25/2005
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 1/6/2005
Received Issue Date: 1/6/2005
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 11/11/2002
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 11/11/2002
Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Site Maps (as of Oct 17, 2022)

Submitted: 7/11/2005 **Submitted By:** WGR SOUTHWEST (CONTRACTOR)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/4903684318/T0603789423.pdf

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Monitoring Reports **Document Date:** 8/1/2005
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: WGR SOUTHWEST (CONTRACTOR)
Title: 2ND QTR 2005 GWMR - 430 POTRERO GRANDE, MONTEREY PARK **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5280456364/T0603789423.PDF

Document Type: Monitoring Reports **Document Date:** 7/11/2005
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: WGR SOUTHWEST (CONTRACTOR)
Title: 430 POTRERO GRANDE 1Q05 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2990278482/T0603789423.PDF

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
57	1 of 1	SW	0.32 / 1,675.26	298.99 / -83	SHELL 430 POTRERO GRANDE DR MONTEREY PARK CA 91755	LUST

Global ID: T0603703429 **Census Tract:** 6037482800
Status Date: 12/1/1989 **Match Key:** T0603703429
Case Type: LUST CLEANUP SITE **County:** LOS ANGELES
Oil Field: **Latitude:** 34.034795
Oil Field Operator: **Longitude:** -118.117538
Status: COMPLETED - CASE CLOSED

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case: NO
Lead Agency: LOS ANGELES COUNTY
Case Worker: JOA
Local Agency: LOS ANGELES COUNTY
RB Case No: I-09487
Local Case No:
File Location:
Potential COC: Gasoline
Potential Media of Concern: Soil
Begin Date: 11/15/1985
How Discovered: Tank Closure
How Discovered Description:
Stop Method:
Stop Description:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)

DWR GW Subbasin Name:
Disadvantaged Community:
CalEnvScreen Score:
Coordinate Source: Google Geocode
Discharge Cause: Unknown
Discharge Source: Other
EPA Region: 9
Leak Reported Dt: 1985-11-15 00:00:00
Military DoD Site: No
No Further Action Dt: 1989-12-01 00:00:00
Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 86-90%
Calenviroscreen 4 Score: 60-65%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone No: 6264583507

Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 12/1/1989

Status: Open - Case Begin Date
Status Date: 11/15/1985

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: SHELL
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 430 POTRERO GRANDE DR
City: MONTEREY PARK
Zip: 91755
County: LOS ANGELES
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603703429
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 12/1/1989
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603703429&tabname=regulatoryhistory
Potential COC: GASOLINE
Potential Media of Concern: SOIL
File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
DWR GW Sub Basin:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES COUNTY (LEAD)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CASEWORKER: JOHN AWUJO
LOS ANGELES RWQCB (REGION 4) - CASE #: I-09487
CASEWORKER: YUE RONG

CUF Claim:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File:
WDR Order:
Project Oversight Agencies:
Facility Type:
Composting Method:
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 12/1/1989

Status: Open - Case Begin Date
Date : 11/15/1985

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Leak Action
Action: Leak Discovery
Action Date: 11/15/1985
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 11/15/1985
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 11/15/1985
Received Issue Date:
Doc Link:
Title Description Comments:

58	*1 of 3*	*E*	*0.33 / 1,748.13*	*403.82 / 22*	***SOUTHERN CAL. EDISON/MONTEBELO 1000 POTRERO GRANDE DR MONTEREY PARK CA 91754***	***SML LA***

Site ID: SD0010429
Case ID: RO0010429
Status:

58	*2 of 3*	*E*	*0.33 / 1,748.13*	*403.82 / 22*	***MONTEBELLO SERVICE CENTER 1000 POTRERO GRANDE DR***	***LUST***

MONTEREY PARK CA 91755

Global ID:	T0603703289	***Census Tract:***	6037482800
Status Date:	9/25/1996	***Match Key:***	T0603703289
Case Type:	LUST CLEANUP SITE	***County:***	LOS ANGELES
Oil Field:		***Latitude:***	34.0399704
Oil Field Operator:		***Longitude:***	-118.1076016
Status:	COMPLETED - CASE CLOSED		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case:	NO
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	YR
Local Agency:	LOS ANGELES COUNTY
RB Case No:	I-07315
Local Case No:	
File Location:	
Potential COC:	Diesel
Potential Media of Concern:	Soil
Begin Date:	11/14/1988
How Discovered:	
How Discovered Description:	
Stop Method:	
Stop Description:	
Calwater Watershed Name:	Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name:	
Disadvantaged Community:	
CalEnvScreen Score:	
Coordinate Source:	* Historical Geocode - Approximate Match
Discharge Cause:	
Discharge Source:	
EPA Region:	9
Leak Reported Dt:	1989-12-27 00:00:00
Military DoD Site:	No
No Further Action Dt:	1996-09-25 00:00:00
Qty Rlsd Gallons:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	71-75%
Calenviroscreen 4 Score:	60-65%
Site History:	

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone No:	6264583507

Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone No:	

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status:	Open - Case Begin Date
Status Date:	11/14/1988

Status: Completed - Case Closed
Status Date: 9/25/1996

Status: Open - Site Assessment
Status Date: 11/14/1988

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: MONTEBELLO SERVICE CENTER
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 1000 POTRERO GRANDE DR
City: MONTEREY PARK
Zip: 91755
County: LOS ANGELES
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603703289
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 9/25/1996
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603703289&tabname=regulatoryhistory
Potential COC: DIESEL
Potential Media of Concern: SOIL
File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
DWR GW Sub Basin:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: I-07315
CASEWORKER: YUE RONG
LOS ANGELES COUNTY
CASEWORKER: JOHN AWUJO
CUF Claim:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File:
WDR Order:
Project Oversight Agencies:
Facility Type:
Composting Method:
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Open - Site Assessment
Date : 11/14/1988

Status: Completed - Case Closed
Date : 9/25/1996

Status: Open - Case Begin Date
Date : 11/14/1988

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 9/25/1996

Received Issue Date: 9/25/1996
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603703289&enforcement_id=6504901&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 12/27/1989
Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents **Document Date:** 9/25/1996
Type: CLOSURE/NO FURTHER ACTION LETTER **Submitted:**
Submitted By: MARIA BAMBICO (REGULATOR)
Title: CLOSURE/NO FURTHER ACTION LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603703289&enforcement_id=6504901

58	3 of 3	E	0.33 / 1,748.13	403.82 / 22	OPERATING INDUSTRIES LANDFILL 1000 POTRERO GRANDE DRIVE MONTEREY PARK, CA 91754 CA	SWAT

Site Leak:
Rank: 1
SWIS Number: 19-AM-0001
Report Status Code: W
Report Status: WAIVED PER WC 13273
Site Classification Code:
Transcribe Source: Solid Waste Assessment Test (SWAT) Program Report to the Legislature 1989-1990
Site Classification:
Activity Status Code:
Activity Description:
Character of Site Code:
Character of Site:
Size of Site Code:
Size of Site:
Proposal Status:
Site Leak Desc:
Type of Leak:
Enforce Action:
Enforce Action Desc:
Waste Management Unit:
Waste Discharger Sys NO: 4B190332001
Initial Notif Date:
Proposal Due Date:
Report Due Date: 07/01/87
Anticipated Rprt Submit Dt:
Report Received Date:
Report Target Review Date:
Report Resubmitted Due Date:
Report Resubmitted Rcvd Dt:
Report Approval Date:
Anticip Proposal Submit Dt:
Proposal Received Date:
Proposal Target Review Date:
Proposal Status Code:
Proposal Resubmitted Due Dt:
Proposal Resubmitted
Received Due Date:
Proposal Accepted Date:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Exemption Questionnaire Approved Date:
Waiver Approved Date:
Type of Leak Code:
DHS & CWMB Notif Date:
Report Summ Sent Date:
Monitor Program Revise Date:
Revise WDR Target Date:
Hazardous Waste Surface:
Above Reg Level Surface:
Below Reg Level Surface:
Hazardous Waste Ground:
Above Reg Level Ground:
Below Reg Level Ground:
Hazardous Waste Vadose:
Above Reg Level Vadose:
Below Reg Level Vadose:
Surface:
Ground:
Vadose:
Operator Name: OPERATING INDUSTRIES INCORPORATED
Agency Name:
County Number:
County Name: LOS ANGELES
Regional Board Contact:
Region: LOS ANGELES REGION 4
Remarks: NPL Superfund site. SWAT report waived 12/06/86.

59	1 of 1	SSW	0.33 / 1,767.56	296.82 / -85	SHELL OIL COMPANY # 204-5112-0917 430 E POTRERO GRANDE DR MONTEREY PARK CA 91754	LUST

Global ID: T10000000993
Status Date: 10/6/2011
Case Type: LUST CLEANUP SITE
Oil Field:
Oil Field Operator:
Status: COMPLETED - CASE CLOSED
Census Tract: 6037482522
Match Key: T10000000993
County: LOS ANGELES
Latitude: 34.041335
Longitude: -118.1045405

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case: NO
Lead Agency: LOS ANGELES COUNTY
Case Worker: KBR
Local Agency: LOS ANGELES COUNTY
RB Case No:
Local Case No: 008424-009487
File Location:
Potential COC: Gasoline
Potential Media of Concern: Under Investigation
Begin Date: 7/23/1998
How Discovered: UST System Modification
How Discovered Description: DURING DISPENSER UPGRADE WORK **Note: Many records provided by the department have a truncated [How Discovered Description] field.
Stop Method: Replace product piping
Stop Description:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name:
Disadvantaged Community:
CalEnvScreen Score:
Coordinate Source: Manual Entry on Screens
Discharge Cause: Unknown
Discharge Source: Other
EPA Region: 9
Leak Reported Dt: 2009-04-08 00:00:00

Military DoD Site: No
No Further Action Dt: 2011-10-06 00:00:00
Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 71-75%
Calenviroscreen 4 Score: 70-75%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: KATTYA BATRES RINZE
Organization Name: LOS ANGELES COUNTY
Address: 900 SOUTH FREMONT AVE
City: ALHAMBRA
Email: gbatres@dpw.lacounty.gov
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: IHEANACHO OFO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: iofo@dpw.lacounty.gov
Phone No: 6264583512

Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 10/6/2011

Status: Open - Case Begin Date
Status Date: 7/23/1998

Status: Open - Site Assessment
Status Date: 7/15/2009

Status: Open - Inactive
Status Date: 4/8/2009

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: SHELL OIL COMPANY # 204-5112-0917
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 430 E POTRERO GRANDE DR
City: MONTEREY PARK
Zip: 91754
County: LOS ANGELES
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000000993
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 10/6/2011
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000000993&tabname=regulatoryhistory
Potential COC: GASOLINE
Potential Media of Concern: UNDER INVESTIGATION
File Location:

User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
DWR GW Sub Basin:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES COUNTY (LEAD) - CASE #: 008424-009487
CASEWORKER: KATTYA BATRES RINZE
CASEWORKER: IHEANACHO OFO
LOS ANGELES RWQCB (REGION 4)
CASEWORKER: YUE RONG
CUF Claim:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File:
WDR Order:
Project Oversight Agencies:
Facility Type:
Composting Method:
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Open - Case Begin Date
Date : 7/23/1998

Status: Completed - Case Closed
Date : 10/6/2011

Status: Open - Site Assessment
Date : 7/15/2009

Status: Open - Inactive
Date : 4/8/2009

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Leak Action
Action: Leak Reported
Action Date: 4/8/2009
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Enforcement/Orders
Action: Notice to Comply - #C606361
Action Date: 4/7/2009
Received Issue Date: 4/7/2009
Doc Link:
Title Description Comments:

ADDITIONAL CLOSURE INVESTIGATION

Action Type: Leak Action
Action: Leak Stopped
Action Date: 7/23/1998
Received Issue Date:
Doc Link:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Title Description Comments:						
60	1 of 1	ESE	0.37 / 1,944.71	347.63 / -34	OPERATING INDUSTRIES, INC., LANDFILL 900 N POTRERO GRANDE DR MONTEREY PARK CA 91754	NPL

EPA ID: CAT080012024
SITE ID:
Street Addr Txt (Shapefile): 900 N POTRERO GRANDE DR
City Name (Shapefile): MONTEREY PARK
State Code (Shapefile): CA
Zip Code (Shapefile): 91754
County (Shapefile): LOS ANGELES
Data Source: U.S. EPA Site Boundaries Shapefile Download; U.S. EPA SUPERFUND PROGRAM. Source: SEMS Superfund Public User Database. FOIA4 All Final NPL Sites. Retrieved on 03-NOV-2022.

NPL (SEMS FOIA 004)

Final Date: 06/10/86
Federal Facility: No
NAI: No
SAA (Superfund Alt.):
NA Entity (NAI Status):
County: LOS ANGELES
Latitude: 34.033333
Longitude: -118.105556

NPL Status Information (EPA's Where You Live Map)

Status: NPL Site
SITS ID: 932
Proposed Date: 10/15/1984
Construction Completion No: 1131
Construction Completion: 09/11/2012
Notice of Data Availability:
Site Listing Narrative: CAT080012024 (PDF)
Site Progress Profile: Operating Industries, Inc., Landfill
Proposed Fr Notice: 10/15/1984 (PDF)
Listing Fr Notice: 06/10/1986 (PDF)
NOID Fr Notice:
Deletion Fr Notice:
Restoration Fr Notice:
Site Had a Partial Deletion: No
Listing Date: 06/10/1986
NOID Date:
Deletion Date:

NPL (EPA Boundaries)

Epa Program: Superfund
Cleared Public Rel: Yes
Feature In:
Feature 1:
Gis Area: 1.01851941
Gis Area U: Miles
Horiz Collect Meth:
Last Changed:
Federal Facility Deter Code: No
Site Feature: Site Boundary
Site Feature 1: Site Boundary
Site Feature 2: 1
Site Feature 3: 1
Site Feature 4: Total Site Boundary
Site Feature 5: Site Boundary
Site Feature 6:
NPL Status Dt: F
Original C:
Primary Telephone: (415) 972-3932
Region Code: 09
Shape Length: .06832859
Site Contact: Eric Canteenwala
Site Contact 2: canteenwala.eric@epa.gov

NPL Region 9 2015 Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Area:	0	**Site Status:**	Construction Completed
Cerclis 1:		**Site Sta 1:**	C
Cerclis 2:		**Subarea Na:**	
Eis Human :	HEUC	**Perimeter:**	9245.6484375
FF Status:	Private Site	**Shape Length:**	11166.9548412
NPL Status:	F	**Source:**	SFUND-RMP
NPL Stat 1:	Currently on the Final NPL	**Comments:**	
NPL Name 1:	OPERATING INDUSTRIES, INC., LANDFILL		
NPL Name 2:			
NPL Name 3:			
Boundary T:	Extent of Contamination		
Reis Result:	Current Human Exposure Controlled		
Resc Cat C:	WM		
Resc Cat D:	Waste Management		
Rssc Sub 1:	Industrial waste landfill		
Rssc Sub C:	IL		
Site Map:			

61	1 of 3	E	0.38 / 2,028.49	379.99 / -2	**SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER** **1000 POTRERO GRANDE DRIVE EAST** **MONTEREY PARK CA 91755**	LUST

Global ID:	T10000004493	**Census Tract:**	6037482800
Status Date:	1/22/2019	**Match Key:**	T10000004493
Case Type:	LUST CLEANUP SITE	**County:**	LOS ANGELES
Oil Field:		**Latitude:**	34.0393927201702
Oil Field Operator:		**Longitude:**	-118.10690082439
Status:	COMPLETED - CASE CLOSED		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case:	NO
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	AJL
Local Agency:	LOS ANGELES COUNTY
RB Case No:	I-07315A
Local Case No:	006998-007315
File Location:	
Potential COC:	Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Potential Media of Concern:	Soil
Begin Date:	1/4/2002
How Discovered:	Tank Closure
How Discovered Description:	SOIL SAMPLING DUE TO TANK REMOVAL **Note: Many records provided by the department have a truncated [How Discovered Description] field.
Stop Method:	Close and Remove Tank
Stop Description:	
Calwater Watershed Name:	Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name:	San Gabriel Valley (4-013)
Disadvantaged Community:	
CalEnvScreen Score:	
Coordinate Source:	Google Map Move
Discharge Cause:	Unknown
Discharge Source:	Tank
EPA Region:	9
Leak Reported Dt:	2012-01-12 00:00:00
Military DoD Site:	No
No Further Action Dt:	2019-01-22 00:00:00
Qty Rlsd Gallons:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	71-75%
Calenviroscreen 4 Score:	60-65%
Site History:	

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: ENFORCEMENT
Date : 10/31/2018
Action: State Water Board – Closure Order - #WQ 2018-0035-UST

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: AHMAD J. LAMAA
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 West 4th Street Suite 200
City: Los Angeles
Email: alamaa@waterboards.ca.gov
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: PHILLIP GHARIBIANS-TABRIZI
Organization Name: LOS ANGELES COUNTY
Address: 900 S. FREMONT AVE.
City: ALHAMBRA
Email: pgharibians@dpw.lacounty.gov
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 1/22/2019

Status: Open - Site Assessment
Status Date: 12/18/2012

Status: Open - Case Begin Date
Status Date: 1/4/2002

Status: Open - Eligible for Closure
Status Date: 6/10/2016

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 1000 POTRERO GRANDE DRIVE EAST
City: MONTEREY PARK
Zip: 91755
County: LOS ANGELES
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000004493
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 1/22/2019
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000004493&tabname=regulatoryhistory
Potential COC: GASOLINE, WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING
Potential Media of Concern: SOIL
File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
DWR GW Sub Basin: San Gabriel Valley (4-013)
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: I-07315A
CASEWORKER: AHMAD J. LAMAA

LOS ANGELES COUNTY - CASE #: 006998-007315
CASEWORKER: PHILLIP GHARIBIANS-TABRIZI

CUF Claim:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File:
WDR Order:
Project Oversight Agencies:
Facility Type:
Composting Method:
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 1/22/2019

Status: Open - Case Begin Date
Date : 1/4/2002

Status: Open - Eligible for Closure
Date : 6/10/2016

Status: Open - Site Assessment
Date : 12/18/2012

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 1/22/2019
Received Issue Date: 1/22/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004493&enforcement_id=6382854&temptable=ENFORCEMENT
Title Description Comments:

State Water Board - Uniform Closure Letter

Action Type: Other Regulatory Actions
Action: State Water Board – Closure Order - #WQ 2018-0035-UST
Action Date: 10/31/2018
Received Issue Date: 10/31/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004493&enforcement_id=6376445&temptable=ENFORCEMENT
Title Description Comments:

State Water Board-Closure Order

Action Type: Notices
Action: Notification - Public Notice of Case Closure
Action Date: 7/9/2018
Received Issue Date: 7/9/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004493&enforcement_id=6363442&temptable=ENFORCEMENT
Title Description Comments:

Notification

Action Type: Response Requested - Other
Action: Request for Closure - Regulator Responded
Action Date: 12/12/2016
Received Issue Date: 12/12/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004493&doc_id=5907215
Title Description Comments:

Request for UST Closure - LTCP - Based on the information submitted, the site meets closure criteria.

Action Type: Response Requested - Other
Action: Conceptual Site Model
Action Date: 7/11/2014
Received Issue Date: 7/11/2014
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/1/2013
Received Issue Date: 6/17/2013
Doc Link:
Title Description Comments:

Response to Addl. Inf. Request

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 2/1/2013
Received Issue Date: 2/1/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004493&enforcement_id=6148718&temptable=ENFORCEMENT
Title Description Comments:

Request for Additional Information

Action Type: Referral to Other Agency
Action: Referral to Regional Board
Action Date: 12/13/2012
Received Issue Date: 12/13/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004493&enforcement_id=6145236&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 1/12/2012
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Began
Action Date: 1/4/2002
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 1/4/2002
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 1/4/2002
Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 10/31/2018
Type: STATE WATER BOARD – CLOSURE ORDER ***Submitted:***
Submitted By: ALEJANDRA TAYLOR (REGULATOR)
Title: STATE WATER BOARD-CLOSURE ORDER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004493&enforcement_id=6376445

Document Type: Site Documents ***Document Date:*** 12/9/2016
Type: REQUEST FOR CLOSURE ***Submitted:***
Submitted By: ANGELA SAMAYOA (RP)
Title: REQUEST FOR UST CLOSURE - LTCP **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1877615571/T10000004493.PDF

Document Type: Site Documents ***Document Date:*** 2/1/2013
Type: STAFF LETTER ***Submitted:***
Submitted By: AHMAD LAMAA (REGULATOR)
Title: REQUEST FOR ADDITIONAL INFORMATION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004493&enforcement_id=6148718

Document Type: Site Documents ***Document Date:*** 12/13/2012
Type: REFERRAL TO REGIONAL BOARD ***Submitted:***
Submitted By: PHILLIP GHARIBIANS-TABRIZI (REGULATOR)
Title: REFERRAL TO REGIONAL BOARD **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004493&enforcement_id=6145236

Document Type: Site Documents ***Document Date:*** 7/9/2018
Type: NOTIFICATION - PUBLIC NOTICE OF CASE CLOSURE ***Submitted:***
Submitted By: ALEJANDRA TAYLOR (REGULATOR)
Title: NOTIFICATION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004493&enforcement_id=6363442

Document Type: Site Documents ***Document Date:*** 6/17/2013
Type: CORRESPONDENCE ***Submitted:***
Submitted By: MARK LANDIN (RP)
Title: 130613 RESPONSE TO ADD INFO REQUEST (SCE MONTEBELLO SC) **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1221027433/T10000004493.PDF

Document Type: Site Documents ***Document Date:*** 1/22/2019
Type: CLOSURE/NO FURTHER ACTION LETTER ***Submitted:***
Submitted By: ALEJANDRA TAYLOR (REGULATOR)
Title: STATE WATER BOARD - UNIFORM CLOSURE LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004493&enforcement_id=6382854

Document Type: Site Documents ***Document Date:*** 7/11/2014
Type: CONCEPTUAL SITE MODEL ***Submitted:***
Submitted By: MARK LANDIN (RP)
Title: SCM - SCE MONTEBELLO SERVICE CENTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6545839428/T10000004493.PDF

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
61	2 of 3	E	0.38 / 2,028.49	379.99 / -2	Southern California Edison - Montebello Service Center 1000 Potrero Grande Drive East, Monterey Park, CA 91755 CA	DELISTED LST

Delisted Proposed Closure of Underground Storage Tank Cases

Claim Case No: Case No. I-07315A
ID: I-07315A
Deadline To Recv Comments: 2018/09/14
Prop UST Case Closure Type: UST Case Closure Proposed For Consideration by the Executive Director
Original Source: USTC
Record Date: 19-JUL-2018

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
61	3 of 3	E	0.38 / 2,028.49	379.99 / -2	Southern California Edison - Montebello Service Center 1000 Potrero Grande Drive East, Monterey Park, CA 91755 CA	UST CLOSURE

Claim Case No: Case No. I-07315A
ID: I-07315A
Deadline to Recv Comments: 2018/09/14
Prop UST Case Closure Type: Closure of Underground Storage Tank (UST) Cases - Closure Denials and Approved Orders

Documents

Doc Type: Notice
Documents Link: https://www.waterboards.ca.gov/water_issues/programs/ustcf/docs/prop_closure_cases/T10000004493_notice.pdf

Doc Type: Draft Order
Documents Link: https://www.waterboards.ca.gov/water_issues/programs/ustcf/docs/prop_closure_cases/T10000004493_do.pdf

Doc Type: Summary
Documents Link: https://www.waterboards.ca.gov/water_issues/programs/ustcf/docs/prop_closure_cases/T10000004493_summary.pdf

Closur Denial Approved Orders

Doc Title: WQ 2018-0035-UST (10/31/2018)
Denial Link: https://www.waterboards.ca.gov/water_issues/programs/ustcf/docs/prop_closure_cases/t10000004493_finalorder.pdf

Closure Letter Signed

Letter Title: Uniform Closure Letter (01/22/2019)
Letter Link: https://www.waterboards.ca.gov/water_issues/programs/ustcf/docs/prop_closure_cases/T10000004493_ucl.pdf

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
62	1 of 3	SSE	0.39 / 2,064.09	322.28 / -60	OPERATING INDUSTRIES INC 900 POTRERO GRANDE DR MONTEREY PARK CA 917557419	ENVIROSTOR

Estor/EPA ID: 80001837
Site Code:
Nat Priority List: NO
APN: 5293022006
Census Tract: 6037482800
Site Type: CORRECTIVE ACTION
Address Description: 900 POTRERO GRANDE DR
Office: CLEANUP CHATSWORTH
Special Program:
Assembly District: 49
Senate District: 22
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 34.034238
Longitude: -118.112479
Acres: 0 ACRES

Funding: ***Supervisor:***
Cleanup Status: REFER: SMBRP AS OF 6/19/2013
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

Status: REFER: SMBRP
Program Type: CORRECTIVE ACTION
CalEnviroScreen Score: 60-65%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=80001837

Completed Activities

Title: PA OR CERCLA INSPECTION-NOT A PA PLUS (CA049PA)
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Assessment Report
Date Completed: 4/1/1984
Comments:

Title: PA OR CERCLA INSPECTION-CERCLA SITE INSPECTION (CA049SI)
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Assessment Report
Date Completed: 4/1/1984
Comments:

62	2 of 3	SSE	0.39 / 2,064.09	322.28 / -60	NEW CURE, INC. 900 POTRERO GRANDE DR MONTEREY PARK CA 917557419	ENVIROSTOR

Estor/EPA ID: CAT080012024
Site Code:
Nat Priority List:
APN:
Census Tract: 6037482800
Site Type: UNDERGOING CLOSURE
Address Description: 900 POTRERO GRANDE DR
Office:
Special Program:
Funding:
Cleanup Status:
Cleanup Oversight Agencies:
School District:
Past Use that Caused Contam:
Potential Media Affected:
Site History:

Assembly District: 49
Senate District: 22
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 34.034238
Longitude: -118.112479
Acres:
Supervisor:

Operating Industries, Inc. (OII) is an inactive Class II landfill surrounded by residential areas on the south and west borders. From 1948 to 1952, the OII site was operated as a municipal landfill by the City of Monterey Park. In January 1952, the site became a privately owned landfill under the ownership of OII. The site was permitted by the RWQCB in 1976, to receive various nonhazardous and hazardous liquid wastes, including lead compounds, chrome oxide, pigment sludge, refinery wastes, waste water from paint manufacturing, and caustic cleaning waste. It was not until 1984 that OII stopped accepting waste. The pathways of contamination are through inhalation of land fill gases and direct contact of leachate entering the ground water. Possible receptors are the residents near the facility and the potential impact of the contaminated groundwater on drinking water supplies. The Department of Toxic Substances Control took over the site when the owner and operator failed to continue with the site closure activities. In May 1986,

the landfill was listed on the NPL and EPA became the lead agency. EPA initiated a remedial investigation to define the extent of environmental problems. A hydrogeologic investigation to study the groundwater was performed in September of 1989. In May of 1989, a Partial Consent Decree was entered in the Federal Court between EPA and over 100 PRPs. The PRPs agreed to undertake the site control and monitoring, and construct a leachate treatment system, as well as conducting several site improvements. Site work pursuant to the Consent Decree began in November 1989, when daily operation, including operation and maintenance/monitoring of the existing gas and leachate control system, and erosion and drainage control were assumed by the settling PRPs'.

Potential Contamin of Concern:

Status: UNDERGOING CLOSURE
Program Type: HAZ WASTE
CalEnviroScreen Score: 60-65%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_profile_report?global_id=CAT080012024

Permit Units - Completed Activities

Date: 5/20/1986
Event Description: NEW OPERATING PERMIT - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Unit: LANDFIL1
Doc Link:
Unit Link:

Date: 6/30/1983
Event Description: NEW OPERATING PERMIT - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Unit: LANDFIL1
Doc Link:
Unit Link:

Date: 11/19/1980
Event Description: NEW OPERATING PERMIT - APPLICATION PART A RECEIVED
Unit: LANDFIL1
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAT080012024&link_key=12961&document_category=INITIAL+PART+A+RECEIVED&event_description=New+Operating+Permit+%2D+APPLICATION+PART+A+RECEIVED+&mytype=pa
Unit Link:

Units Undergoing Closure

Date: 8/3/1983
Event Description: REFERRED FOR CLOSURE TO OTHER AGENCY - REFERRED FOR CLOSURE TO OTHER AGENCY
Unit: LANDFIL1
Doc Link:

Date: 3/12/1984
Event Description: CLOSURE - 1ST NOTICE OF DEFICIENCY ISSUED
Unit: LANDFIL1
Doc Link:

Date: 6/30/1983
Event Description: CLOSURE - CLOSURE PLAN RECEIVED
Unit: LANDFIL1
Doc Link:

Date: 2/17/1984
Event Description: CLOSURE - CLOSURE PLAN APPROVED
Unit: LANDFIL1
Doc Link:

62	3 of 3	SSE	0.39 / 2,064.09	322.28 / -60	NEW CURE, INC. 900 POTRERO GRANDE DR MONTEREY PARK CA 917557419	HWP

Estor/EPA ID: CAT080012024
Site Code:
Nat Priority List:
Permit Renewal Lead:
Project Manager:
Supervisor:

Acres:
Special Program:
Funding:
Assembly District: 49
Senate District: 22
School District:
APN:
Cleanup Status:
Cleanup Oversight Agencies:
Site Type: UNDERGOING CLOSURE
Office:
Past Use that Caused Contam:
Potential Media Affected:
Potential Contaminants of Concern:

Public Partici Spclst:
Census Tract: 6037482800
County: LOS ANGELES
Latitude: 34.034238
Longitude: -118.112479

Site History:

Operating Industries, Inc. (OII) is an inactive Class II landfill surrounded by residential areas on the south and west borders. From 1948 to 1952, the OII site was operated as a municipal landfill by the City of Monterey Park. In January 1952, the site became a privately owned landfill under the ownership of OII. The site was permitted by the RWQCB in 1976, to receive various nonhazardous and hazardous liquid wastes, including lead compounds, chrome oxide, pigment sludge, refinery wastes, waste water from paint manufacturing, and caustic cleaning waste. It was not until 1984 that OII stopped accepting waste. The pathways of contamination are through inhalation of land fill gases and direct contact of leachate entering the ground water. Possible receptors are the residents near the facility and the potential impact of the contaminated groundwater on drinking water supplies. The Department of Toxic Substances Control took over the site when the owner and operator failed to continue with the site closure activities. In May 1986, the landfill was listed on the NPL and EPA became the lead agency. EPA initiated a remedial investigation to define the extent of environmental problems. A hydrogeologic investigation to study the groundwater was performed in September of 1989. In May of 1989, a Partial Consent Decree was entered in the Federal Court between EPA and over 100 PRPs. The PRPs agreed to undertake the site control and monitoring, and construct a leachate treatment system, as well as conducting several site improvements. Site work pursuant to the Consent Decree began in November 1989, when daily operation, including operation and maintenance/monitoring of the existing gas and leachate control system, and erosion and drainage control were assumed by the settling PRPs'.

Envirostor ID: CAT080012024
Status: UNDERGOING CLOSURE
Summary Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_profile_report?global_id=CAT080012024

Program Type: HAZ WASTE
CalEnviroScrnScore: 60-65%

Permit Units - Completed Activities

Date: 6/30/1983
Event Description: NEW OPERATING PERMIT - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Unit: LANDFIL1
Doc Link:
Unit Link:

Date: 11/19/1980
Event Description: NEW OPERATING PERMIT - APPLICATION PART A RECEIVED
Unit: LANDFIL1
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAT080012024&link_key=12961&document_category=INITIAL+PART+A+RECEIVED&event_description=New+Operating+Permit+%2D+APPLICATION+PART+A+RECEIVED+&mytype=pa
Unit Link:

Date: 5/20/1986
Event Description: NEW OPERATING PERMIT - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Unit: LANDFIL1
Doc Link:
Unit Link:

Units Undergoing Closure

Date: 8/3/1983
Event Description: REFERRED FOR CLOSURE TO OTHER AGENCY - REFERRED FOR CLOSURE TO OTHER AGENCY
Unit: LANDFIL1
Doc Link:

Date: 2/17/1984
Event Description: CLOSURE - CLOSURE PLAN APPROVED

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Unit: LANDFIL1
Doc Link:

Date: 3/12/1984
Event Description: CLOSURE - 1ST NOTICE OF DEFICIENCY ISSUED
Unit: LANDFIL1
Doc Link:

Date: 6/30/1983
Event Description: CLOSURE - CLOSURE PLAN RECEIVED
Unit: LANDFIL1
Doc Link:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
63	1 of 2	WNW	0.43 / 2,252.97	348.93 / -33	ROY KOBAYASHI 1920 LUPINE AVENUE MONTEREY PARK CA 91775-6510	RCRA TSD

EPA Handler ID: CAC003012148
Gen Status Universe: No Report
Contact Name: ROY KOBAYASHI
Contact Address: 1920 LUPINE AVENUE , , MONTEREY PARK , CA, 91775-6510 ,
Contact Phone No and Ext: 213-910-5770
Contact Email: TAMMYHURLEY@ALLIANCE-ENVIRO.COM
Contact Country:
Land Type:
County Name: LOS ANGELES
EPA Region: 09
Receive Date: 20190426
Location Latitude: 34.042365
Location Longitude: -118.123625

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20190426
Handler Name: ROY KOBAYASHI
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1920 LUPINE AVENUE
Name:	ROY KOBAYASHI	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	213-910-5770	***Country:***	
Source Type:	Implementer	***Zip Code:***	91775-6510

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1920 LUPINE AVENUE
Name:	ROY KOBAYASHI	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	213-910-5770	***Country:***	
Source Type:	Implementer	***Zip Code:***	91775-6510

63	*2 of 2*	*WNW*	*0.43 / 2,252.97*	*348.93 / -33*	***ROY KOBAYASHI 1920 LUPINE AVENUE MONTEREY PARK CA 91775***	***RCRA TSD***

EPA Handler ID:	CAC003014058
Gen Status Universe:	No Report
Contact Name:	ROY KOBAYASHI
Contact Address:	1920 LUPINE AVENUE , , MONTEREY PARK , CA, 91775 ,
Contact Phone No and Ext:	213-910-5770
Contact Email:	VIANCATARANGO@ALLIANCE-ENVIRO.COM
Contact Country:	
Land Type:	
County Name:	LOS ANGELES
EPA Region:	09
Receive Date:	20190508
Location Latitude:	34.042365
Location Longitude:	-118.123625

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Smelting, Melting and Refining:	No
Underground Injection Control:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190508
Handler Name:	ROY KOBAYASHI

Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1920 LUPINE AVENUE
Name:	ROY KOBAYASHI	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	213-910-5770	**Country:**	
Source Type:	Implementer	**Zip Code:**	91775

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1920 LUPINE AVENUE
Name:	ROY KOBAYASHI	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	213-910-5770	**Country:**	
Source Type:	Implementer	**Zip Code:**	91775

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64 | **1 of 4** | **ESE** | **0.49 / 2,583.17** | **403.23 / 21** | **OPERATING INDUSTRIES, INC. LANDFILL**
900 POTRERO GRANDE DR
MONTEREY PARK CA 91755 | **HWSS CLEANUP**

Estor/EPA ID:	19490207	**Census Tract:**	6037482800
Site Code:	300110, 300284, 300604	**Funding:**	RESPONSIBLE PARTY
Status Date:	8/2/2012	**Office:**	CLEANUP CHATSWORTH
Nat Priority List:	YES	**Permit Renew Lead:**	
Program Type:	FEDERAL SUPERFUND - LISTED	**Public Particip Spec:**	
Cal Enviro Score:	60-65%	**Project Manager:**	LAURA RADKE
Acres:	190 ACRES	**Supervisor:**	JULI PROPES
Assembly District:	49	**County:**	LOS ANGELES
Senate District:	22	**Latitude:**	34.0364975148075
School District:		**Longitude:**	-118.104014396667

APN: 5275002002, 5275002808, 5275002809, 5275003002, 5275003016, 5275003800, 5293022001, 5293022005, 5293022006
Status: CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
Cleanup Status: CERTIFIED / OPERATION & MAINTENANCE AS OF 8/2/2012
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM;US EPA - LEAD AGENCY
Site Type: STATE RESPONSE OR NPL
Special Program: EPA - MULTI-SITE COOPERATIVE AGREEMENT
Cause of Contamination: LANDFILL - CONSTRUCTION, LANDFILL - DOMESTIC, LANDFILL - HAZARDOUS WASTE
Potential Media Affected: INDOOR AIR, OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL, SOIL VAPOR
Summary URL: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19490207
Press Contact:
Potential Contaminants:

1,1,1-TRICHLOROETHANE (TCA)
TETRACHLOROETHYLENE (PCE)
TRICHLOROETHYLENE (TCE)
VINYL CHLORIDE

Site History:

Operating Industries, Inc. (OII) is an inactive Class II landfill surrounded by residential areas on the south and west borders. From 1948 to 1952, the OII site was operated as a municipal landfill by the City of Monterey Park. In January 1952, the site became a privately owned landfill under the ownership of OII. The site was permitted by the RWQCB in 1976, to receive various nonhazardous and hazardous liquid wastes, including lead compounds, chrome oxide, pigment sludge, refinery wastes, waste water from paint manufacturing, and caustic cleaning waste. It was not until 1984 that OII stopped accepting waste. The pathways of contamination are through inhalation of land fill gases and direct contact of leachate entering the ground water. Possible receptors are the residents near the facility and the potential impact of the contaminated groundwater on drinking water supplies. The Department took over the site when the owner and operator failed to continue with the site closure activities. In May 1986, the landfill was listed on the NPL and EPA became the lead agency. EPA initiated a remedial investigation to define the extent of environmental problems. A hydrogeologic investigation to study the groundwater was performed in September of 1989. In May of 1989, a Partial Consent Decree was entered in the Federal Court between EPA and over 100 PRPs. The PRPs agreed to undertake the site control and monitoring, and construct a leachate treatment system, as well as

conducting several site improvements. Site work pursuant to the Consent Decree began in November 1989, when daily operation, including operation and maintenance/monitoring of the existing gas and leachate control system, and erosion and drainage control were assumed by the settling PRPs'.

Future Activities

Area Name:
Area Name URL:
Sub Area:
Sub Area URL:
Document Type: Certification
Activity Type: Future Activities
Due Date: 2031

Completed Activities

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Annual Cost Estimate Letter_FY 2022-2023
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60527296
Document Type: Annual Oversight Cost Estimate
Activity Type: Completed Activities
Date Completed: 9/6/2022
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: SCE Soil Stockpile Support Letters
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60483101
Document Type: Correspondence
Activity Type: Completed Activities
Date Completed: 7/7/2020
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Coronavirus Critical Work Determination for OII OMM
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60477040
Document Type: Correspondence
Activity Type: Completed Activities
Date Completed: 3/24/2020
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2019-01-17-Operating Industries-CD-8 Monthly Progress Report for December 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460405
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 1/17/2019
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018-10-18-Operating Industries-CD-8 Monthly Progress Report for September 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460429
Document Type: Other Report

Activity Type: Completed Activities
Date Completed: 10/18/2018
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Remedial Action Completion or Implementation
Title URL:
Document Type: Remedy Constructed: Operating Properly & Successfully
Activity Type: Completed Activities
Date Completed: 4/21/2000
Comments: Final cover for the entire South Parcel is completed.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Remedial or Removal Design
Title URL:
Document Type: Design/Implementation Workplan
Activity Type: Completed Activities
Date Completed: 3/9/1998
Comments: This design plan approves the capping of the landfill with an additional four feet of monocover using the existing cap as a two foot foundation layer. The cap design also includes the establishment of native vegetation for monocover performance as well as aesthetics.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Remedial Action Plan
Title URL:
Document Type: Remedial Action Plan
Activity Type: Completed Activities
Date Completed: 9/28/1990
Comments: The amended Gas Migration Control ROD at the site addresses the landfill gas (LFG) migration control and landfill cover. The major component of this amendment is the addition of landfill cover to the previously selected gas migration control remedy. The major components of the Gas Migration Control ROD include: 1) landfill cover designed to reduce surface gas emissions and odors, prevent oxygen intrusion into the refuse, prevent surface water infiltration, provide erosion control, and improve site aesthetics; perimeter LFG extraction wells with placement focused on minimizing off site LFG migration; LFG extraction wells on the top deck of the landfill with placement focused on maximizing source control of LFG; shallow and deep slope wells with placement focused on reducing surface emissions and controlling intermediate to deep subsurface migration at the perimeter; integrated above-grade LFG headers and condensate sumps; LFG monitoring wells at the site boundary; upgraded thermal destruction facility for landfill gas; and pumps in appropriate gas wells with above-grade collection sumps to dewater saturated zones. The amended gas control remedial action will be integrated with the two additional operable units, Site Control and Monitoring, and Leachate Management, now being implemented.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Site Visit with EPA
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60531086
Document Type: Meeting
Activity Type: Completed Activities
Date Completed: 9/15/2022
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2020 Annual Groundwater Monitoring and Evaluation Report
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60509553
Document Type: Monitoring Report
Activity Type: Completed Activities

Date Completed: 1/24/2022
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Design Report
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60496557
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 4/21/2021
Comments: EPA approved the 100% Design Document.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Site Inspection
Title URL:
Document Type: Fieldwork
Activity Type: Completed Activities
Date Completed: 10/24/2019
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018-06-19-Operating Industries-OII Landfill Integrated Surface Gas Emission 1st Event
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451977
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 6/19/2018
Comments: COMPLETED

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018-04-19-Operating Industries-CD-8 Monthly Progress Report for March 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460449
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 4/19/2018
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2013 NPCovenant
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60475757
Document Type: Land Use Restriction
Activity Type: Completed Activities
Date Completed: 4/26/2013
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Order
Title URL:
Document Type: Consent Order
Activity Type: Completed Activities
Date Completed: 5/8/2002
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Remedial Action Plan
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=5007961
Document Type: Remedial Action Plan
Activity Type: Completed Activities
Date Completed: 9/30/1996
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Fourth Partial Consent Decree
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=5007968
Document Type: Consent Decree
Activity Type: Completed Activities
Date Completed: 11/18/1994
Comments: The leachate treatment plant (included as Leachate Manage ment Operable Unit) is built on the north parcel of the site and consists of influent storage and equalization, biological reactors, chemical precipitation, sand filtration carbon absorption, effluent storage and discharge, foul air system, storm water holding system and sludge disposal system. The plant started operation on September 13, 1994 and the first discharge into the sewer system occurred on November 9, 1994.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018-07-19-Operating Industries-CD-8 Monthly Progress Report for April 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451969
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 7/19/2018
Comments: COMPLETED

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: OII North Parcel Redevelopment - Methane Mitigation Plan
Title URL:
Document Type: Technical Workplan
Activity Type: Completed Activities
Date Completed: 7/1/2015
Comments: Comments received and sent to proponent on methane mitigation plan

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2014-07-02-Operating Industries-Covenant to Restrict Use of Property
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60474982
Document Type: Land Use Restriction
Activity Type: Completed Activities
Date Completed: 7/2/2014
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Remedial or Removal Design
Title URL:
Document Type: Design/Implementation Workplan
Activity Type: Completed Activities
Date Completed: 9/24/1999
Comments: Approval of the Final Design for the Landfill Gas Treatment System (LFGTS).

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Project Management Tasks
Title URL:
Document Type: Project Management
Activity Type: Completed Activities
Date Completed: 6/30/2022
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Five-Year Review Report For Operating Industries, Inc. Landfill Superfund Site
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60468667
Document Type: 5 Year Review Reports
Activity Type: Completed Activities
Date Completed: 11/2/2020
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2020-07-27-Operating Industries-CD-8 Monthly Progress Report for April, May, June 2020
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60486681
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 7/27/2020
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: OII North Parcel 30% Remedial Design
Title URL:
Document Type: Remedial Design - Preliminary/Intermediate
Activity Type: Completed Activities
Date Completed: 11/28/2005
Comments: OII North Parcel 30% Remedial Design completed

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Order
Title URL:
Document Type: Consent Order
Activity Type: Completed Activities
Date Completed: 7/10/1997
Comments: The sixth partial Consent Decree requires GSF Energy (Air Products) to pay cleanup costs. DTSC can request reimbursement of unpaid past costs and future response costs.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Removal Action Completion Report
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=5007967
Document Type: Removal Action Completion Report
Activity Type: Completed Activities
Date Completed: 11/30/1994
Comments:

Area Name:

Area URL:
Sub Area:
Sub Area URL:
Title: OII Partial Consent Decree
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393934
Document Type: Consent Decree
Activity Type: Completed Activities
Date Completed: 11/4/1988
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Operating Industries Third Partial Consent Decree
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393775
Document Type: Consent Decree
Activity Type: Completed Activities
Date Completed: 3/30/1992
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2020-07-07-Operating Industries-OII Landfill Integrated Surface Gas Emission 1st Event
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60486683
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 7/7/2020
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018-07-19-Operating Industries-CD-8 Monthly Progress Report for June 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451973
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 7/19/2018
Comments: COMPLETED

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2016-02-18-OII North Parcel Redevelopment Memo
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60451968
Document Type: Correspondence
Activity Type: Completed Activities
Date Completed: 2/18/2016
Comments: HISTORICAL

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Fifth Five-Year Review Report For Operating Industries, Inc. Landfill Superfund Site
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60442205
Document Type: 5 Year Review Reports
Activity Type: Completed Activities
Date Completed: 9/23/2015
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:

Title: Soil Import Workplan
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60479935
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 11/2/2020
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2019-07-22-Operating Industries-CD-8 Monthly Progress Report for April-June 2019
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60464276
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 7/22/2019
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: South Parcel and North Parcel Survey
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460435
Document Type: Monitoring Report
Activity Type: Completed Activities
Date Completed: 1/7/2019
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Operating Industries 5 Year Review Report
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60253202
Document Type: 5 Year Review Reports
Activity Type: Completed Activities
Date Completed: 11/30/2010
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Remedial Action Completion or Implementation
Title URL:
Document Type: Remedy Constructed: Operating Properly & Successfully
Activity Type: Completed Activities
Date Completed: 9/28/2000
Comments: Landfill Gas Treatment system began operations replacing the flares. The LFGTS is capable of 99.99% Destruction & Removal Efficiency (DRE).

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: OII Consent Agreement and Final Order
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393933
Document Type: Consent Agreement
Activity Type: Completed Activities
Date Completed: 8/3/1983
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Correspondence from City of Monterey Park
Title URL:

Document Type: Correspondence
Activity Type: Completed Activities
Date Completed: 7/6/2020
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Five-Year Review Site Inspection
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60476879
Document Type: Land Use Restriction - Site Inspection/Visit
Activity Type: Completed Activities
Date Completed: 1/16/2020
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2019-04-23-Operating Industries-CD-8 Monthly Progress Report for January-March 2019
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460399
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 4/23/2019
Comments: COMPLETED

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2019-01-17-Operating Industries-CD-8 Monthly Progress Report for November 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460403
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 1/17/2019
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018-10-18-Operating Industries-CD-8 Monthly Progress Report for July 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460425
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 10/18/2018
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Annual Cost Estimate Letter_FY 2018-2019
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60452712
Document Type: Annual Oversight Cost Estimate
Activity Type: Completed Activities
Date Completed: 10/2/2018
Comments: COMPLETED 10/02/2018

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2019-04-19-Operating Industries-CD-8 Monthly Progress Report for January 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460445
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 4/19/2018

Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2017 Annual Groundwater Monitoring and Evaluation Report
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60464286
Document Type: Monitoring Report
Activity Type: Completed Activities
Date Completed: 4/11/2018
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Operating Industries Eighth Consent Decree
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393906
Document Type: Consent Decree
Activity Type: Completed Activities
Date Completed: 9/24/2001
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Order
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=5007966
Document Type: Consent Order
Activity Type: Completed Activities
Date Completed: 2/2/1996
Comments: The Fifth Partial Consent Degree (CD5) is negotiatied by EPA and the State with a group of potentially responsible parties (PRPs), composed of prior nonsettlers and recently noticed major parties.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018-07-19-Operating Industries-CD-8 Monthly Progress Report for May 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451975
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 7/19/2018
Comments: COMPLETED

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2021 Annual Groundwater Monitoring and Evaluation Report
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60508230
Document Type: Monitoring Report
Activity Type: Completed Activities
Date Completed: 6/3/2022
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Annual Cost Estimate Letter_FY 2021-2022
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60508225
Document Type: Annual Oversight Cost Estimate
Activity Type: Completed Activities
Date Completed: 9/10/2021
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018 Annual Groundwater Monitoring and Evaluation Report
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60464307
Document Type: Monitoring Report
Activity Type: Completed Activities
Date Completed: 5/29/2019
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2019-01-17-Operating Industries-CD-8 Monthly Progress Report for October 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460401
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 1/17/2019
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018-10-18-Operating Industries-CD-8 Monthly Progress Report for August 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460427
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 10/18/2018
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018-09-13-Operating Industries-OII Landfill Leachate Treatment Plant Effluent Flow Measurement System Calibration Report
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451979
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 9/13/2018
Comments: COMPLETED

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018-04-19-Operating Industries-CD-8 Monthly Progress Report for February 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460447
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 4/19/2018
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Remedial or Removal Design
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=5007960
Document Type: Design/Implementation Workplan
Activity Type: Completed Activities
Date Completed: 7/23/1997
Comments: 30% Design - Final Cover -- The final cap will consist of a four foot thick monocover with a native vegetative cover. The existing cap will act as a foundation for the monocover.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Land Use Restrictions

Area:
Sub Area:
Title/Description: 2013 NPCovenant
Title/Description URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?cmd=radocuments&global_id=19490207&enforcement_id=60475757
Site Management Req: NONE SPECIFIED
Date Recorded: 4/26/2013

Area:
Sub Area:
Title/Description: 2014-07-02-Operating Industries-Covenant to Restrict Use of Property
Title/Description URL: https://www.envirostor.dtsc.ca.gov/public/view_document?docurl=/public/deliverable_documents/3079762339/2014%2D07%2D02%2DOperating%20Industries%2DCovenant%20to%20Restrict%20Use%20of%20Property%5FOII%20and%20SCE%2Epdf
Site Management Req: NONE SPECIFIED
Date Recorded: 7/2/2014

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
64	2 of 4	ESE	0.49 / 2,583.17	403.23 / 21	OPERATING INDUSTRIES, INC. LANDFILL 900 POTRERO GRANDE DR MONTEREY PARK CA 91755	ENVIROSTOR

Estor/EPA ID: 19490207
Site Code: 300110, 300284, 300604
Nat Priority List: YES
APN: 5275002002, 5275002808, 5275002809, 5275003002, 5275003016, 5275003800, 5293022001, 5293022005, 5293022006
Census Tract: 6037482800
Site Type: STATE RESPONSE OR NPL
Address Description: 900 POTRERO GRANDE DR
Office: CLEANUP CYPRESS
Special Program: EPA - MULTI-SITE COOPERATIVE AGREEMENT
Funding: RESPONSIBLE PARTY
Assembly District: 49
Senate District: 22, 25
Permit Renewal Lead:
Public Partici Spclst:
Project Manager: LAURA RADKE
County: LOS ANGELES
Latitude: 34.0364975148075
Longitude: -118.104014396667
Acres: 190 ACRES
Supervisor: EMAD YEMUT
Cleanup Status: CERTIFIED / OPERATION & MAINTENANCE AS OF 8/2/2012
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM;US EPA - LEAD AGENCY
School District:
Past Use that Caused Contam: LANDFILL - CONSTRUCTION, LANDFILL - DOMESTIC, LANDFILL - HAZARDOUS WASTE
Potential Media Affected: INDOOR AIR, OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL, SOIL VAPOR
Potential Contamin of Concern:

1,1,1-TRICHLOROETHANE (TCA)
TETRACHLOROETHYLENE (PCE)
TRICHLOROETHYLENE (TCE)
VINYL CHLORIDE

Site History:

Operating Industries, Inc. (OII) is an inactive Class II landfill surrounded by residential areas on the south and west borders. From 1948 to 1952, the OII site was operated as a municipal landfill by the City of Monterey Park. In January 1952, the site became a privately owned landfill under the ownership of OII. The site was permitted by the RWQCB in 1976, to receive various nonhazardous and hazardous liquid wastes, including lead compounds, chrome oxide, pigment sludge, refinery wastes, waste water from paint manufacturing, and caustic cleaning waste. It was not until 1984 that OII stopped accepting waste. The pathways of contamination are through inhalation of land fill gases and direct contact of leachate entering the ground water. Possible receptors are the residents near the facility and the potential impact of the contaminated groundwater on drinking water supplies. The Department took over the site when the owner and operator failed to continue with the site closure activities. In May 1986, the landfill was listed on the NPL and EPA became the lead agency. EPA initiated a remedial investigation to define the extent of environmental problems. A hydrogeologic investigation to study the groundwater was performed in September of 1989. In May of 1989, a Partial Consent Decree was entered in the Federal Court between EPA and over 100 PRPs. The PRPs agreed to undertake the site control and monitoring, and construct a leachate treatment system, as well as conducting several site improvements. Site work pursuant to the Consent Decree began in November 1989, when daily operation, including operation and maintenance/monitoring of the existing gas and leachate control system, and erosion and drainage control were assumed by the settling PRPs'.

Status: CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
Program Type: FEDERAL SUPERFUND - LISTED
CalEnviroScreen Score: 60-65%

Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19490207

Land Use Restrictions

Site Management Requirements: NONE SPECIFIED
Title: 2014-07-02-Operating Industries-Covenant to Restrict Use of Property
Title Link: https://www.envirostor.dtsc.ca.gov/public/view_document?docurl=/public/deliverable_documents/3079762339/2014%2D07%2D02%2DOperating%20Industries%2DCovenant%20to%20Restrict%20Use%20of%20Property%5FOII%20and%20SCE%2Epdf
Date Recorded: 7/2/2014

Site Management Requirements: NONE SPECIFIED
Title: 2013 NPCovenant
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?cmd=radocuments&global_id=19490207&enforcement_id=60475757
Date Recorded: 4/26/2013

Future Activities

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Certification
Due Date: 2031

Completed Activities

Title: Project Management Tasks
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Project Management
Date Completed: 6/30/2022
Comments:

Title: Annual Cost Estimate Letter_FY 2021-2022
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60508225
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/10/2021
Comments:

Title: Soil Import Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60479935
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 11/2/2020
Comments:

Title: Correspondence from City of Monterey Park
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:

Document Type: Correspondence
Date Completed: 7/6/2020
Comments:

Title: 2019-01-17-Operating Industries-CD-8 Monthly Progress Report for October 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460401
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 1/17/2019
Comments:

Title: 2018-07-19-Operating Industries-CD-8 Monthly Progress Report for April 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451969
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/19/2018
Comments: COMPLETED

Title: 2018-04-19-Operating Industries-CD-8 Monthly Progress Report for February 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460447
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 4/19/2018
Comments:

Title: 2016-02-18-OII North Parcel Redevelopment Memo
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60451968
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 2/18/2016
Comments: HISTORICAL

Title: 2021 Annual Groundwater Monitoring and Evaluation Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60508230
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 6/3/2022
Comments:

Title: 2019-04-19-Operating Industries-CD-8 Monthly Progress Report for January 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460445
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 4/19/2018
Comments:

Title: Operating Industries 5 Year Review Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60253202
Area Name:
Area Link:
Sub Area:

Sub Area Link:
Document Type: 5 Year Review Reports
Date Completed: 11/30/2010
Comments:

Title: Operating Industries Third Partial Consent Decree
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393775
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Decree
Date Completed: 3/30/1992
Comments:

Title: Five-Year Review Report For Operating Industries, Inc. Landfill Superfund Site
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60468667
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 5 Year Review Reports
Date Completed: 11/2/2020
Comments:

Title: Five-Year Review Site Inspection
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60476879
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction - Site Inspection/Visit
Date Completed: 1/16/2020
Comments:

Title: South Parcel and North Parcel Survey
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460435
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 1/7/2019
Comments:

Title: 2018-10-18-Operating Industries-CD-8 Monthly Progress Report for August 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460427
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 10/18/2018
Comments:

Title: 2018-09-13-Operating Industries-OII Landfill Leachate Treatment Plant Effluent Flow Measurement System Calibration Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451979
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 9/13/2018
Comments: COMPLETED

Title: Operating Industries Eighth Consent Decree
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393906
Area Name:

Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Decree
Date Completed: 9/24/2001
Comments:

Title: Removal Action Completion Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=5007967
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Completion Report
Date Completed: 11/30/1994
Comments:

Title: Site Visit with EPA
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60531086
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Meeting
Date Completed: 9/15/2022
Comments:

Title: 2020 Annual Groundwater Monitoring and Evaluation Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60509553
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 1/24/2022
Comments:

Title: SCE Soil Stockpile Support Letters
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60483101
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 7/7/2020
Comments:

Title: Site Inspection
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 10/24/2019
Comments:

Title: 2019-07-22-Operating Industries-CD-8 Monthly Progress Report for April-June 2019
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60464276
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/22/2019
Comments:

Title: 2019-04-23-Operating Industries-CD-8 Monthly Progress Report for January-March 2019
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460399

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 4/23/2019
Comments: COMPLETED

Title: Annual Cost Estimate Letter_FY 2018-2019
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60452712
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/2/2018
Comments: COMPLETED 10/02/2018

Title: 2018-04-19-Operating Industries-CD-8 Monthly Progress Report for March 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460449
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 4/19/2018
Comments:

Title: 2017 Annual Groundwater Monitoring and Evaluation Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60464286
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 4/11/2018
Comments:

Title: Remedial or Removal Design
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Design/Implementation Workplan
Date Completed: 9/24/1999
Comments: Approval of the Final Design for the Landfill Gas Treatment System (LFGTS).

Title: Fourth Partial Consent Decree
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=5007968
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Decree
Date Completed: 11/18/1994
Comments: The leachate treatment plant (included as Leachate Manage ment Operable Unit) is built on the north parcel of the site and consists of influent storage and equalization, biological reactors, chemical precipitation, sand filtration carbon absorption, effluent storage and discharge, foul air system, storm water holding system and sludge disposal system. The plant started operation on September 13, 1994 and the first discharge into the sewer system occurred on November 9, 1994.

Title: Design Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60496557
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report

Date Completed: 4/21/2021
Comments: EPA approved the 100% Design Document.

Title: 2019-01-17-Operating Industries-CD-8 Monthly Progress Report for December 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460405
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 1/17/2019
Comments:

Title: 2018-10-18-Operating Industries-CD-8 Monthly Progress Report for July 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460425
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 10/18/2018
Comments:

Title: OII Consent Agreement and Final Order
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393933
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Agreement
Date Completed: 8/3/1983
Comments:

Title: Fifth Five-Year Review Report For Operating Industries, Inc. Landfill Superfund Site
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60442205
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 5 Year Review Reports
Date Completed: 9/23/2015
Comments:

Title: OII North Parcel Redevelopment - Methane Mitigation Plan
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Workplan
Date Completed: 7/1/2015
Comments: Comments received and sent to proponent on methane mitigation plan

Title: Remedial Action Completion or Implementation
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedy Constructed: Operating Properly & Successfully
Date Completed: 9/28/2000
Comments: Landfill Gas Treatment system began operations replacing the flares. The LFGTS is capable of 99.99% Destruction & Removal Efficiency (DRE).

Title: Order
Title Link:
Area Name:
Area Link:
Sub Area:

Sub Area Link:
Document Type: Consent Order
Date Completed: 7/10/1997
Comments: The sixth partial Consent Decree requires GSF Energy (Air Products) to pay cleanup costs. DTSC can request reimbursement of unpaid past costs and future response costs.

Title: Remedial Action Plan
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Action Plan
Date Completed: 9/28/1990
Comments: The amended Gas Migration Control ROD at the site addresses the landfill gas (LFG) migration control and landfill cover. The major component of this amendment is the addition of landfill cover to the previously selected gas migration control remedy. The major components of the Gas Migration Control ROD include: 1) landfill cover designed to reduce surface gas emissions and odors, prevent oxygen intrusion into the refuse, prevent surface water infiltration, provide erosion control, and improve site aesthetics; perimeter LFG extraction wells with placement focused on minimizing off site LFG migration; LFG extraction wells on the top deck of the landfill with placement focused on maximizing source control of LFG; shallow and deep slope wells with placement focused on reducing surface emissions and controlling intermediate to deep subsurface migration at the perimeter; integrated above-grade LFG headers and condensate sumps; LFG monitoring wells at the site boundary; upgraded thermal destruction facility for landfill gas; and pumps in appropriate gas wells with above-grade collection sumps to dewater saturated zones. The amended gas control remedial action will be integrated with the two additional operable units, Site Control and Monitoring, and Leachate Management, now being implemented.

Title: 2020-07-07-Operating Industries-OII Landfill Integrated Surface Gas Emission 1st Event
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60486683
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/7/2020
Comments:

Title: 2018-10-18-Operating Industries-CD-8 Monthly Progress Report for September 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460429
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 10/18/2018
Comments:

Title: 2018-07-19-Operating Industries-CD-8 Monthly Progress Report for June 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451973
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/19/2018
Comments: COMPLETED

Title: 2013 NPCovenant
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60475757
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction
Date Completed: 4/26/2013
Comments:

Title: OII North Parcel 30% Remedial Design
Title Link:

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Design - Preliminary/Intermediate
Date Completed: 11/28/2005
Comments: OII North Parcel 30% Remedial Design completed

Title: Remedial Action Completion or Implementation
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedy Constructed: Operating Properly & Successfully
Date Completed: 4/21/2000
Comments: Final cover for the entire South Parcel is completed.

Title: Order
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=5007966
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Order
Date Completed: 2/2/1996
Comments: The Fifth Partial Consent Degree (CD5) is negotiatied by EPA and the State with a group of potentially responsible parties (PRPs), composed of prior nonsettlers and recently noticed major parties.

Title: 2018 Annual Groundwater Monitoring and Evaluation Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60464307
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 5/29/2019
Comments:

Title: 2014-07-02-Operating Industries-Covenant to Restrict Use of Property
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60474982
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction
Date Completed: 7/2/2014
Comments:

Title: Order
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Order
Date Completed: 5/8/2002
Comments:

Title: Remedial Action Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=5007961
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Action Plan
Date Completed: 9/30/1996
Comments:

Title: Annual Cost Estimate Letter_FY 2022-2023
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60527296
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/6/2022
Comments:

Title: 2020-07-27-Operating Industries-CD-8 Monthly Progress Report for April, May, June 2020
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60486681
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/27/2020
Comments:

Title: Coronavirus Critical Work Determination for OII OMM
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60477040
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 3/24/2020
Comments:

Title: 2019-01-17-Operating Industries-CD-8 Monthly Progress Report for November 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460403
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 1/17/2019
Comments:

Title: 2018-07-19-Operating Industries-CD-8 Monthly Progress Report for May 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451975
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/19/2018
Comments: COMPLETED

Title: 2018-06-19-Operating Industries-OII Landfill Integrated Surface Gas Emission 1st Event
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451977
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 6/19/2018
Comments: COMPLETED

Title: Remedial or Removal Design
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Design/Implementation Workplan
Date Completed: 3/9/1998
Comments: This design plan approves the capping of the landfill with an additional four feet of monocover using the existing

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

cap as a two foot foundation layer. The cap design also includes the establishment of native vegetation for monocover performance as well as aesthetics.

Title: Remedial or Removal Design
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=5007960
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Design/Implementation Workplan
Date Completed: 7/23/1997
Comments: 30% Design - Final Cover -- The final cap will consist of a four foot thick monocover with a native vegetative cover. The existing cap will act as a foundation for the monocover.

Title: OII Partial Consent Decree
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393934
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Decree
Date Completed: 11/4/1988
Comments:

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64 | ***3 of 4*** | ***ESE*** | ***0.49 / 2,583.17*** | ***403.23 / 21*** | ***OPERATING INDUSTRIES, INC. LANDFILL 900 POTRERO GRANDE DR MONTEREY PARK CA 91755*** | ***HIST CORTESE***

Envirostor ID: 19490207
Status (Historical): ACTIVE
Site Type: FEDERAL SUPERFUND - LISTED
Site Code: 300110

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64 | ***4 of 4*** | ***ESE*** | ***0.49 / 2,583.17*** | ***403.23 / 21*** | ***OPERATING INDUSTRIES, INC. LANDFILL 900 POTRERO GRANDE DR MONTEREY PARK CA 91755*** | ***LUR***

Estor/EPA ID: 19490207
Site Code: 300110, 300284, 300604
Nat Priority List: YES
Acres: 190 ACRES
Special Program: EPA - MULTI-SITE COOPERATIVE AGREEMENT
Funding: RESPONSIBLE PARTY
Assembly District: 49
Senate District: 22, 25
School District:
Permit Renewal Lead:
Project Manager: LAURA RADKE
Supervisor: EMAD YEMUT
Public Partici Spclst:
Census Tract: 6037482800
County: LOS ANGELES
Latitude: 34.0364975148075
Longitude: -118.104014396667
APN: 5275002002, 5275002808, 5275002809, 5275003002, 5275003016, 5275003800, 5293022001, 5293022005, 5293022006
Cleanup Status: CERTIFIED / OPERATION & MAINTENANCE AS OF 8/2/2012
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM;US EPA - LEAD AGENCY
Site Type: STATE RESPONSE OR NPL
Office: CLEANUP CYPRESS
Past Use that Caused Contam: LANDFILL - CONSTRUCTION, LANDFILL - DOMESTIC, LANDFILL - HAZARDOUS WASTE
Potential Media Affected: INDOOR AIR, OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL, SOIL VAPOR
Potential Contamin of Concern:

1,1,1-TRICHLOROETHANE (TCA)
TETRACHLOROETHYLENE (PCE)
TRICHLOROETHYLENE (TCE)
VINYL CHLORIDE

Site History:

Operating Industries, Inc. (OII) is an inactive Class II landfill surrounded by residential areas on the south and west borders. From 1948 to 1952, the OII site was operated as a municipal landfill by the City of Monterey Park. In January 1952, the site became a privately owned landfill under the ownership of OII. The site was permitted by the RWQCB in 1976, to receive various nonhazardous and hazardous liquid wastes, including lead compounds, chrome oxide, pigment sludge, refinery wastes, waste water from paint manufacturing, and caustic cleaning waste. It was not until 1984 that OII stopped accepting waste. The pathways of contamination are through inhalation of land fill gases and direct contact of leachate entering the ground water. Possible receptors are the residents near the facility and the potential impact of the contaminated groundwater on drinking water supplies. The Department took over the site when the owner and operator failed to continue with the site closure activities. In May 1986, the landfill was listed on the NPL and EPA became the lead agency. EPA initiated a remedial investigation to define the extent of environmental problems. A hydrogeologic investigation to study the groundwater was performed in September of 1989. In May of 1989, a Partial Consent Decree was entered in the Federal Court between EPA and over 100 PRPs. The PRPs agreed to undertake the site control and monitoring, and construct a leachate treatment system, as well as conducting several site improvements. Site work pursuant to the Consent Decree began in November 1989, when daily operation, including operation and maintenance/monitoring of the existing gas and leachate control system, and erosion and drainage control were assumed by the settling PRPs'.

Status: CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
Program Type: FEDERAL SUPERFUND - LISTED
CalEnviroScreen Score: 60-65%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19490207

Land Use Restrictions

Site Management Requirements: NONE SPECIFIED
Title: 2013 NPCovenant
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?cmd=radocuments&global_id=19490207&enforcement_id=60475757
Date Recorded: 4/26/2013

Site Management Requirements: NONE SPECIFIED
Title: 2014-07-02-Operating Industries-Covenant to Restrict Use of Property
Title Link: https://www.envirostor.dtsc.ca.gov/public/view_document?docurl=/public/deliverable_documents/3079762339/2014%2D07%2D02%2DOperating%20Industries%2DCovenant%20to%20Restrict%20Use%20of%20Property%5FOII%20and%20SCE%2Epdf
Date Recorded: 7/2/2014

Future Activities

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Certification
Due Date: 2031

Completed Activities

Title: Five-Year Review Site Inspection
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60476879
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction - Site Inspection/Visit
Date Completed: 1/16/2020
Comments:

Title: 2013 NPCovenant
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60475757
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction
Date Completed: 4/26/2013
Comments:

Title: Project Management Tasks
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Project Management
Date Completed: 6/30/2022
Comments:

Title: 2018-10-18-Operating Industries-CD-8 Monthly Progress Report for August 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460427
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 10/18/2018
Comments:

Title: Design Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60496557
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 4/21/2021
Comments: EPA approved the 100% Design Document.

Title: Order
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Order
Date Completed: 7/10/1997
Comments: The sixth partial Consent Decree requires GSF Energy (Air Products) to pay cleanup costs. DTSC can request reimbursement of unpaid past costs and future response costs.

Title: OII North Parcel Redevelopment - Methane Mitigation Plan
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Workplan
Date Completed: 7/1/2015
Comments: Comments received and sent to proponent on methane mitigation plan

Title: Remedial or Removal Design
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Design/Implementation Workplan
Date Completed: 9/24/1999
Comments: Approval of the Final Design for the Landfill Gas Treatment System (LFGTS).

Title: OII Partial Consent Decree
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393934
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Decree

Date Completed: 11/4/1988
Comments:

Title: 2018-07-19-Operating Industries-CD-8 Monthly Progress Report for April 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451969
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/19/2018
Comments: COMPLETED

Title: 2018-07-19-Operating Industries-CD-8 Monthly Progress Report for June 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451973
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/19/2018
Comments: COMPLETED

Title: 2020-07-07-Operating Industries-OII Landfill Integrated Surface Gas Emission 1st Event
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60486683
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/7/2020
Comments:

Title: Order
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Order
Date Completed: 5/8/2002
Comments:

Title: 2019-01-17-Operating Industries-CD-8 Monthly Progress Report for November 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460403
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 1/17/2019
Comments:

Title: Remedial or Removal Design
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Design/Implementation Workplan
Date Completed: 3/9/1998
Comments: This design plan approves the capping of the landfill with an additional four feet of monocover using the existing cap as a two foot foundation layer. The cap design also includes the establishment of native vegetation for monocover performance as well as aesthetics.

Title: Operating Industries 5 Year Review Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60253202
Area Name:
Area Link:

Sub Area:
Sub Area Link:
Document Type: 5 Year Review Reports
Date Completed: 11/30/2010
Comments:

Title: 2019-01-17-Operating Industries-CD-8 Monthly Progress Report for December 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460405
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 1/17/2019
Comments:

Title: 2018-09-13-Operating Industries-OII Landfill Leachate Treatment Plant Effluent Flow Measurement System Calibration Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451979
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 9/13/2018
Comments: COMPLETED

Title: 2019-07-22-Operating Industries-CD-8 Monthly Progress Report for April-June 2019
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60464276
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/22/2019
Comments:

Title: Remedial Action Plan
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Action Plan
Date Completed: 9/28/1990
Comments: The amended Gas Migration Control ROD at the site addresses the landfill gas (LFG) migration control and landfill cover. The major component of this amendment is the addition of landfill cover to the previously selected gas migration control remedy. The major components of the Gas Migration Control ROD include: 1) landfill cover designed to reduce surface gas emissions and odors, prevent oxygen intrusion into the refuse, prevent surface water infiltration, provide erosion control, and improve site aesthetics; perimeter LFG extraction wells with placement focused on minimizing off site LFG migration; LFG extraction wells on the top deck of the landfill with placement focused on maximizing source control of LFG; shallow and deep slope wells with placement focused on reducing surface emissions and controlling intermediate to deep subsurface migration at the perimeter; integrated above-grade LFG headers and condensate sumps; LFG monitoring wells at the site boundary; upgraded thermal destruction facility for landfill gas; and pumps in appropriate gas wells with above-grade collection sumps to dewater saturated zones. The amended gas control remedial action will be integrated with the two additional operable units, Site Control and Monitoring, and Leachate Management, now being implemented.

Title: Annual Cost Estimate Letter_FY 2022-2023
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60527296
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/6/2022
Comments:

Title: Annual Cost Estimate Letter_FY 2018-2019

Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60452712
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/2/2018
Comments: COMPLETED 10/02/2018

Title: 2018-10-18-Operating Industries-CD-8 Monthly Progress Report for July 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460425
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 10/18/2018
Comments:

Title: Remedial Action Completion or Implementation
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedy Constructed: Operating Properly & Successfully
Date Completed: 4/21/2000
Comments: Final cover for the entire South Parcel is completed.

Title: Soil Import Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60479935
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 11/2/2020
Comments:

Title: Correspondence from City of Monterey Park
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 7/6/2020
Comments:

Title: 2014-07-02-Operating Industries-Covenant to Restrict Use of Property
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60474982
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction
Date Completed: 7/2/2014
Comments:

Title: Fourth Partial Consent Decree
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=5007968
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Decree
Date Completed: 11/18/1994
Comments: The leachate treatment plant (included as Leachate Manage ment Operable Unit) is built on the north parcel of the site and consists of influent storage and equalization, biological reactors, chemical precipitation, sand filtration

carbon absorption, effluent storage and discharge, foul air system, storm water holding system and sludge disposal system. The plant started operation on September 13, 1994 and the first discharge into the sewer system occurred on November 9, 1994.

Title: Remedial Action Completion or Implementation
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedy Constructed: Operating Properly & Successfully
Date Completed: 9/28/2000
Comments: Landfill Gas Treatment system began operations replacing the flares. The LFGTS is capable of 99.99% Destruction & Removal Efficiency (DRE).

Title: Remedial Action Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=5007961
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Action Plan
Date Completed: 9/30/1996
Comments:

Title: 2018-04-19-Operating Industries-CD-8 Monthly Progress Report for February 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460447
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 4/19/2018
Comments:

Title: 2018-04-19-Operating Industries-CD-8 Monthly Progress Report for March 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460449
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 4/19/2018
Comments:

Title: Coronavirus Critical Work Determination for OII OMM
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60477040
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 3/24/2020
Comments:

Title: 2019-04-19-Operating Industries-CD-8 Monthly Progress Report for January 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460445
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 4/19/2018
Comments:

Title: South Parcel and North Parcel Survey
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460435
Area Name:
Area Link:

Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 1/7/2019
Comments:

Title: Operating Industries Third Partial Consent Decree
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393775
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Decree
Date Completed: 3/30/1992
Comments:

Title: Removal Action Completion Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=5007967
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Completion Report
Date Completed: 11/30/1994
Comments:

Title: OII North Parcel 30% Remedial Design
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Design - Preliminary/Intermediate
Date Completed: 11/28/2005
Comments: OII North Parcel 30% Remedial Design completed

Title: 2019-01-17-Operating Industries-CD-8 Monthly Progress Report for October 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460401
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 1/17/2019
Comments:

Title: 2018-10-18-Operating Industries-CD-8 Monthly Progress Report for September 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460429
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 10/18/2018
Comments:

Title: Site Inspection
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 10/24/2019
Comments:

Title: OII Consent Agreement and Final Order
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393933
Area Name:

Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Agreement
Date Completed: 8/3/1983
Comments:

Title: Order
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=5007966
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Order
Date Completed: 2/2/1996
Comments: The Fifth Partial Consent Degree (CD5) is negotiatied by EPA and the State with a group of potentially responsible parties (PRPs), composed of prior nonsettlers and recently noticed major parties.

Title: 2016-02-18-OII North Parcel Redevelopment Memo
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60451968
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 2/18/2016
Comments: HISTORICAL

Title: Remedial or Removal Design
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=5007960
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Design/Implementation Workplan
Date Completed: 7/23/1997
Comments: 30% Design - Final Cover -- The final cap will consist of a four foot thick monocover with a native vegetative cover. The existing cap will act as a foundation for the monocover.

Title: SCE Soil Stockpile Support Letters
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60483101
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 7/7/2020
Comments:

Title: 2019-04-23-Operating Industries-CD-8 Monthly Progress Report for January-March 2019
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460399
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 4/23/2019
Comments: COMPLETED

Title: 2018 Annual Groundwater Monitoring and Evaluation Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60464307
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 5/29/2019
Comments:

Title: Fifth Five-Year Review Report For Operating Industries, Inc. Landfill Superfund Site
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60442205
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 5 Year Review Reports
Date Completed: 9/23/2015
Comments:

Title: 2018-06-19-Operating Industries-OII Landfill Integrated Surface Gas Emission 1st Event
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451977
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 6/19/2018
Comments: COMPLETED

Title: Site Visit with EPA
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60531086
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Meeting
Date Completed: 9/15/2022
Comments:

Title: 2020 Annual Groundwater Monitoring and Evaluation Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60509553
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 1/24/2022
Comments:

Title: 2018-07-19-Operating Industries-CD-8 Monthly Progress Report for May 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451975
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/19/2018
Comments: COMPLETED

Title: Operating Industries Eighth Consent Decree
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393906
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Decree
Date Completed: 9/24/2001
Comments:

Title: 2021 Annual Groundwater Monitoring and Evaluation Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60508230
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 6/3/2022
Comments:

Title: Annual Cost Estimate Letter_FY 2021-2022
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60508225
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/10/2021
Comments:

Title: Five-Year Review Report For Operating Industries, Inc. Landfill Superfund Site
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60468667
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: 5 Year Review Reports
Date Completed: 11/2/2020
Comments:

Title: 2017 Annual Groundwater Monitoring and Evaluation Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60464286
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 4/11/2018
Comments:

Title: 2020-07-27-Operating Industries-CD-8 Monthly Progress Report for April, May, June 2020
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60486681
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/27/2020
Comments:

65	1 of 1	SSE	0.56 / 2,965.08	446.09 / 64	NEW CURE, INC. 2550 GREENWOOD AVENUE MONTEREY PARK CA 91755-7419	RCRA CORRACTS

EPA Handler ID: CAT080012024
Gen Status Universe: Small Quantity Generator
Contact Name: ELEOVARDO ROBLES
Contact Address: 2550 , GREENWOOD AVENUE , , MONTEREY PARK , CA, 91755 , US
Contact Phone No and Ext: 323-720-9775
Contact Email: DROBLES@OII-LANDFILL.COM
Contact Country: US
County Name: LOS ANGELES
EPA Region: 09
Land Type: Federal
Receive Date: 20220602
Location Latitude: 34.03398
Location Longitude: -118.108581

Event/Area Details

Area Name: ENTIRE FACILITY
Event Code: CA049SI
Corrective Action Event Descri: PA OR CERCLA INSPECTION
Actual Date of Event: 19840401
Orig Sched Event Date:
New Sched Event Date:

Best Date: 19840401
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name: ENTIRE FACILITY
Event Code: CA210SF
Corrective Action Event Descri: REFERRED TO A NON-RCRA AUTHORITY-REFERRED TO CERCLA
Actual Date of Event: 19960101
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19960101
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name: ENTIRE FACILITY
Event Code: CA075HI
Corrective Action Event Descri: CA PRIORITIZATION-HIGH CA PRIORITY
Actual Date of Event: 19840401
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19840401
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name: ENTIRE FACILITY
Event Code: CA029SF
Corrective Action Event Descri: LEAD AGENCY DETERMINATION
Actual Date of Event: 19840401
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19840401
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name: ENTIRE FACILITY
Event Code: CA074HI
Corrective Action Event Descri: NCAPS RANKING/PRIORITY
Actual Date of Event: 19840401
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19840401
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name: ENTIRE FACILITY
Event Code: CA049PA
Corrective Action Event Descri: PA OR CERCLA INSPECTION
Actual Date of Event: 19840401
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19840401
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:

Surface Waste Release Ind:
Event Responsible Agency: E

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Jan, 2023.

Violation Details

Found Violation: Yes
Citation: F - 264.140-150.H
Violation Short Description: TSD - Financial Requirements
Violation Type: 264.H
Violation Determined Date: 19861126
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19900101
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 510
Enforcement Type Description: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Action Date: 19850926
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: F - 264.140-150.H
Violation Short Description: TSD - Financial Requirements
Violation Type: 264.H
Violation Determined Date: 19870622
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19900101
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 510
Enforcement Type Description: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Action Date: 19850926
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: F - 264.70-77.E
Violation Short Description: TSD - General
Violation Type: 264.A

Violation Determined Date: 19871006
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19900101
Violation Responsible Agency: State

Violation Details

Found Violation: Yes
Citation: F - 264.140-150.H
Violation Short Description: TSD - Financial Requirements
Violation Type: 264.H
Violation Determined Date: 19871223
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19900101
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 510
Enforcement Type Description: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Action Date: 19850926
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: F - 270
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19871006
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19900101
Violation Responsible Agency: State

Evaluation Details

Evaluation Start Date: 20221123
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19871223
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description: TSD - Financial Requirements
Return to Compliance Date: 19900101
Evaluation Agency: State

Evaluation Start Date: 19861126
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description: TSD - Financial Requirements
Return to Compliance Date: 19900101
Evaluation Agency: State

Evaluation Start Date: 19870622
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW

Violation Short Description: TSD - Financial Requirements
Return to Compliance Date: 19900101
Evaluation Agency: State

Evaluation Start Date: 19871006
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 19900101
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19930701
Handler Name: OPERATING INDS INC
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19970514
Handler Name: OPERATING INDS INC
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19970514
Handler Name: OPERATING INDS INC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20080828
Handler Name: OPERATING INDUSTRIES, INC. NEW CURE, INC.
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20100810
Handler Name: NEW CURE, INC. / OPERATING INDUSTRIES, INC.
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20181010
Handler Name: NEW CURE, INC.
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20120302
Handler Name: NEW CURE, INC./OPERATING INDUSTIRES, INC/
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: F039

Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20140301
Handler Name: NEW CURE INC / OPERATING INDUSTRIES INC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20190206
Handler Name: NEW CURE, INC.
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20220602
Handler Name: NEW CURE, INC.
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED

UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20200305
Handler Name: NEW CURE, INC.
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: NEW CURE, INC.
Date Became Current: 19920412
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report update with Notification
Street No:
Street 1:
Street 2:
City:
State:
Country:
Zip Code:

Owner/Operator Ind: Current Owner
Type: Federal
Name: EPA SUPERFUND SITE
Date Became Current: 19890501
Date Ended Current:
Phone: 323-720-9775
Source Type: Implementer
Street No: 2550
Street 1: GREENWOOD AVENUE
Street 2:
City: MONTEREY PARK
State: CA
Country: US
Zip Code: 91755

Owner/Operator Ind: Current Owner
Type: Private
Name: AHAS INC
Date Became Current:
Date Ended Current:
Phone: 818-336-3636
Source Type: Implementer
Street No:
Street 1: 1749 S POTRERO GRANDE DR RM E
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Owner
Type: Private
Name: OPERATING INDUSTRIES, INC.
Date Became Current: 19920412
Date Ended Current:
Phone: 323-720-9975
Source Type: Annual/Biennial Report update with Notification
Street No: 2550
Street 1: GREENWOOD AVENUE
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Owner
Type: Private
Name: OPERATING INDUSTRIES, INC.
Date Became Current: 19910412
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report
Street No:
Street 1: 2550 GREENWOOD AVENUE
Street 2:
City: MONTEREY PARK
State: CA
Country: US
Zip Code: 91755

Owner/Operator Ind:	Current Operator	**Street No:**	2550
Type:	Private	**Street 1:**	GREENWOOD AVENUE
Name:	O.P.I., INC.	**Street 2:**	
Date Became Current:	19920412	**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	323-720-9975	**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	91755

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	2550 GREENWOOD AVENUE
Name:	OPERATING INDUSTRIES, INC.	**Street 2:**	
Date Became Current:	19910412	**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	91755

Owner/Operator Ind:	Current Owner	**Street No:**	2550
Type:	Private	**Street 1:**	GREENWOOD AVE
Name:	OPERATING INDUSTRIES INC	**Street 2:**	
Date Became Current:	20000101	**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	91755

Owner/Operator Ind:	Current Operator	**Street No:**	2550
Type:	Private	**Street 1:**	GREENWOOD AVENUE
Name:	NEW CURE, INC.	**Street 2:**	
Date Became Current:	19920515	**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	323-720-9775	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	91755

Owner/Operator Ind:	Current Operator	**Street No:**	2550
Type:	Private	**Street 1:**	GREENWOOD AVENUE
Name:	NEW CURE, INC.	**Street 2:**	
Date Became Current:	19920515	**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	323-720-9775	**Country:**	US
Source Type:	Implementer	**Zip Code:**	91755

Owner/Operator Ind:	Current Operator	**Street No:**	2550
Type:	Private	**Street 1:**	GREENWOOD AVE
Name:	ELEOVARDO ROBLES	**Street 2:**	
Date Became Current:	19920412	**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	91755

Owner/Operator Ind:	Current Owner	**Street No:**	2550
Type:	Federal	**Street 1:**	GREENWOOD AVENUE
Name:	EPA SUPERFUND SITE	**Street 2:**	
Date Became Current:	19890501	**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	323-720-9775	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	91755

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	2425 S. GARFIELD AVENUE
Name:	OPERATING INDUSTRIES, INC.	**Street 2:**	
Date Became Current:		**City:**	CITY NOT REPORTED
Date Ended Current:		**State:**	CA
Phone:	213-726-3202	**Country:**	
Source Type:	Implementer	**Zip Code:**	99999

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	1749 S POTRERO GRANDE DR RM E
Name:	AHAS INC	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK

Date Ended Current:		**State:**	CA
Phone:	818-336-3636	**Country:**	
Source Type:	Notification	**Zip Code:**	91755
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	NEW CURE, INC.	**Street 2:**	
Date Became Current:	19920412	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	

Historical Handler Details

Receive Dt:	20120302
Generator Code Description:	Large Quantity Generator
Handler Name:	NEW CURE, INC./OPERATING INDUSTIRES, INC/
Receive Dt:	20100810
Generator Code Description:	Large Quantity Generator
Handler Name:	NEW CURE, INC. / OPERATING INDUSTRIES, INC.
Receive Dt:	20140301
Generator Code Description:	Large Quantity Generator
Handler Name:	NEW CURE INC / OPERATING INDUSTRIES INC
Receive Dt:	20190206
Generator Code Description:	Not a Generator, Verified
Handler Name:	NEW CURE, INC.
Receive Dt:	20200305
Generator Code Description:	Small Quantity Generator
Handler Name:	NEW CURE, INC.
Receive Dt:	19970514
Generator Code Description:	Small Quantity Generator
Handler Name:	OPERATING INDS INC
Receive Dt:	20181010
Generator Code Description:	Not a Generator, Verified
Handler Name:	NEW CURE, INC.
Receive Dt:	20080828
Generator Code Description:	Large Quantity Generator
Handler Name:	OPERATING INDUSTRIES, INC. NEW CURE, INC.
Receive Dt:	19930701
Generator Code Description:	Not a Generator, Verified
Handler Name:	OPERATING INDS INC
Receive Dt:	19970514
Generator Code Description:	Large Quantity Generator
Handler Name:	OPERATING INDS INC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
66	1 of 1	S	0.60 / 3,175.71	507.66 / 126	LA DECOMPOSED GRANITE CO LOS ANGELES COUNTY MONTEBELLO CA 90640	MRDS

Dep ID:	10076834	**I1:**	14
Dev Status:	PROSPECT	**Latitude:**	34.030884
Code List:	SDG	**Longitude:**	-118.113098
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10076834		

Commodity

I1:	29	**Line:**	1

Code:	SDG	**Inserted By:**	MRDS migration
Commodity:	Sand and Gravel, Cons	**Insert Date:**	29-OCT-2002 09:00:24
Commodity Type:	Non-metallic	**Updated By:**	USGS
Commodity Group:	Sand and Gravel	**Update Date:**	29-OCT-2002 09:01:02
Importance:	Primary		

Names

I1:	24	**Inserted By:**	MRDS migration
Status:	Current	**Insert Date:**	29-OCT-02
Site Name:	La Decomposed Granite Co	**Updated By:**	USGS
Line:	1	**Update Date:**	29-OCT-02

67	1 of 1	ENE	0.70 / 3,712.77	347.89 / -34	**OPERATING INDUSTRIES, INC., LANDFILL** **900 N POTRERO GRANDE DR** **MONTEREY PARK CA 91754**	**SUPERFUND ROD**

EPA ID:	CAT080012024
Site ID:	0902673
NPL Status:	Final
Non NPL Status:	
County:	LOS ANGELES
Region:	09
Data Source(s):	U.S. EPA SUPERFUND PROGRAM - Source: SEMS Superfund Public User Database - FOIA-002 Records of Decision (RODS), ROD Amendments, and Explanation of Significant Differences (ESDs); Searchable Superfund Decision Documents database (https://www.epa.gov/superfund/search-superfund-documents), made available by the US Environmental Protection Agency (EPA). Retrieved on December 15, 2022.

Document Information

Doc ID:	16492
Date:	09/30/1988
Pub No:	
Description:	
PDF Link:	https://semspub.epa.gov/src/document/09/16492
Title:	Record of decision (ROD), gas migration control OU, w/o attchs

Doc ID:	16496
Date:	11/16/1987
Pub No:	
Description:	
PDF Link:	https://semspub.epa.gov/src/document/09/16496
Title:	Partial consent decree # CV 88 7196 MRP (Kx) for remedial action & recovery of costs, USA et al v Chevron Chemical Co et al - Appendix A, leachate management OU record of decision only

Doc ID:	26922
Date:	09/30/1996
Pub No:	
Description:	
PDF Link:	https://semspub.epa.gov/src/document/09/26922
Title:	Final record of decision (ROD) for site, v2 - responsiveness summary (01 ROD 01)

Doc ID:	47517
Date:	09/28/1990
Pub No:	
Description:	
PDF Link:	https://semspub.epa.gov/src/document/09/47517
Title:	Record of decision - amendment to decision summary, gas migration control OU

Doc ID:	26920
Date:	09/30/1996
Pub No:	
Description:	
PDF Link:	https://semspub.epa.gov/src/document/09/26920
Title:	Final record of decision (ROD) for site, v1 (01 ROD 01)

Doc ID: 100002955
Date: 09/30/1988
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/09/100002955
Title: Record of Decision

Doc ID: 16495
Date: 07/31/1987
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/09/16495
Title: Partial consent decree # CV 88 7196 MRP (Kx) for remedial action & recovery of costs, USA et al v Chevron Chemical Co et al - Appendix B, site control & monitoring OU record of decision (ROD) only

Doc ID: 47521
Date: 11/01/1987
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/09/47521
Title: Record of decision (ROD), site control & monitoring OU

Doc ID: 47511
Date: 09/01/1988
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/09/47511
Title: Record of decision (ROD), gas migration control OU, w/apps A-G, w/o attchs

Doc ID: 100002961
Date: 11/16/1987
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/09/100002961
Title: Record of Decision

Doc ID: 47520
Date: 11/01/1987
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/09/47520
Title: Record of decision (ROD), leachate management OU

Historical Document Information

Doc ID: 100002962
Date: 07/31/1987
PDF Link: https://semspub.epa.gov/src/document/09/100002962
Title: Record of Decision(18 pp, 38.61 KB)

Action Information

Seq ID: 3
Action Name: GOVT Decision Document (ROD)
Operable Unit Name: GAS/CD3
Actual Comp Date: 09/30/88

Seq ID: 1
Action Name: GOVT ROD Amendment
Operable Unit Name: GAS/CD3
Actual Comp Date: 09/28/90

Seq ID: 1
Action Name: GOVT Decision Document (ROD)
Operable Unit Name: SITE CONTROL & MONIT LTR AGREE
Actual Comp Date: 07/31/87

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Seq ID: 4
Action Name: GOVT Decision Document (ROD)
Operable Unit Name: OVERALL SITE
Actual Comp Date: 09/30/96

Seq ID: 2
Action Name: GOVT Decision Document (ROD)
Operable Unit Name: LEACHATE MANAGEMENT
Actual Comp Date: 11/16/87

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68 | **1 of 1** | **WNW** | **0.80 / 4,217.38** | **419.46 / 38** | **MONTEREY PARK GRANITE CO.**
LOS ANGELES COUNTY
MONTEREY PARK CA 91755 | **MRDS**

Dep ID: 10285226
Dev Status: PAST PRODUCER
Code List: STN_C
Url: http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10285226
I1: 29
Latitude: 34.047913
Longitude: -118.127014

Commodity

I1: 75
Code: STN_C
Commodity: Stone, Crushed/Broken
Commodity Type: Non-metallic
Commodity Group: Stone, Crushed
Importance: Primary
Line: 1
Inserted By: MAS migration
Insert Date: 29-OCT-2002 09:00:24
Updated By: USGS
Update Date: 29-OCT-2002 09:02:28

Names

I1: 33
Status: Previous
Site Name: Monterey Park Granite Co, Inc
Line: 2
Inserted By: MAS migration
Insert Date: 29-OCT-02
Updated By: USGS
Update Date: 29-OCT-02

Names

I1: 34
Status: Current
Site Name: Monterey Park Granite Co.
Line: 1
Inserted By: MAS migration
Insert Date: 29-OCT-02
Updated By: USGS
Update Date: 29-OCT-02

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69 | **1 of 1** | **NNE** | **0.95 / 5,005.16** | **402.98 / 21** | **TORRANCE BRICK CO.-**
MONTEREY PARK 2
LOS ANGELES COUNTY
ROSEMEAD CA 91770 | **MRDS**

Dep ID: 10261102
Dev Status: PAST PRODUCER
Code List: CLY
Url: http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10261102
I1: 26
Latitude: 34.054504
Longitude: -118.107788

Commodity

I1: 29
Code: CLY
Commodity: Clay
Commodity Type: Non-metallic
Commodity Group: Clays
Importance: Primary
Line: 1
Inserted By: MAS migration
Insert Date: 29-OCT-2002 09:00:24
Updated By: USGS
Update Date: 29-OCT-2002 09:02:19

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Names

I1:	34	***Inserted By:***	MAS migration
Status:	Previous	***Insert Date:***	29-OCT-02
Site Name:	Torrance Brick Co.	***Updated By:***	USGS
Line:	2	***Update Date:***	29-OCT-02

Names

I1:	34	***Inserted By:***	MAS migration
Status:	Current	***Insert Date:***	29-OCT-02
Site Name:	Torrance Brick Co.-Monterey Park 2	***Updated By:***	USGS
Line:	1	***Update Date:***	29-OCT-02

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70 | ***1 of 1*** | ***SSE*** | ***0.96 / 5,091.92*** | ***461.92 / 80*** | ***L. A. DECOMPOSED GRANITE CO.***
LOS ANGELES COUNTY
MONTEBELLO CA 90640 | ***MRDS***

Dep ID:	10284932	***I1:***	96
Dev Status:	PAST PRODUCER	***Latitude:***	34.026489
Code List:	STN_C	***Longitude:***	-118.108093
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10284932		

Commodity

I1:	15	***Line:***	1
Code:	STN_C	***Inserted By:***	MAS migration
Commodity:	Stone, Crushed/Broken	***Insert Date:***	29-OCT-2002 09:00:24
Commodity Type:	Non-metallic	***Updated By:***	USGS
Commodity Group:	Stone, Crushed	***Update Date:***	29-OCT-2002 09:02:41
Importance:	Primary		

Names

I1:	33	***Inserted By:***	MAS migration
Status:	Current	***Insert Date:***	29-OCT-02
Site Name:	L. A. Decomposed Granite Co.	***Updated By:***	USGS
Line:	1	***Update Date:***	29-OCT-02

Names

I1:	33	***Inserted By:***	MAS migration
Status:	Previous	***Insert Date:***	29-OCT-02
Site Name:	La Decomposed Granite Co	***Updated By:***	USGS
Line:	2	***Update Date:***	29-OCT-02

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71 | ***1 of 1*** | ***ESE*** | ***0.98 / 5,193.45*** | ***537.43 / 156*** | ***METRO HEIGHTS***
1400 NORTH MONTEBELLO BOULEVARD
MONTEBELLO CA 90640 | ***ENVIROSTOR***

Estor/EPA ID:	60003140	***Assembly District:***	49
Site Code:	301934	***Senate District:***	32
Nat Priority List:	NO	***Permit Renewal Lead:***	
APN:	NONE SPECIFIED	***Public Partici Spclst:***	
Census Tract:	6037530005	***Project Manager:***	VIKTORIYA ANASHKINA
Site Type:	VOLUNTARY AGREEMENT	***County:***	LOS ANGELES
Address Description:	1400 NORTH MONTEBELLO BOULEVARD	***Latitude:***	34.03198
Office:	CLEANUP CHATSWORTH	***Longitude:***	-118.09728
Special Program:	VOLUNTARY AGREEMENT - STANDARD VOLUNTARY AGREEMENT	***Acres:***	488 ACRES
Funding:	SITE PROPONENT	***Supervisor:***	JOSE DIAZ

Cleanup Status: ACTIVE AS OF 6/11/2021
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: OIL FIELD
Potential Media Affected: CONTAMINATED SURFACE / STRUCTURE, INDOOR AIR, OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SEDIMENTS, SOIL, SOIL VAPOR, SURFACE WATER AFFECTED
Potential Contamin of Concern:

METALS
METHANE
PETROLEUM
VOLATILE ORGANICS (8260B VOCS)

Site History:

The Site is approximately 488 acres located in the Montebello Hills and within the Montebello Oil Field. The Site is surrounded by Montebello Boulevard to the west and north, San Gabriel Boulevard to the east and Lincoln Ave to the south. There is residential housing to the south and a commercial development to the north. Historically the Site was used for oil production and minor cattle grazing. Oil production began at the Site in 1917, is ongoing and will continue after the center of the Site is developed. Existing Site features supporting oil exploration and production include storage tanks, chemical storage areas, active oil wells, injection wells, a produced water treatment facility, and a gas separation and compression plant have been identified across the broader site. Activities planned and underway in the center of the Montebello Oil Field include ongoing oil operations, the development of five communities of 1,200 detached residential homes, open space areas, and habitat reserve areas for the federally listed California gnatcatcher and its coastal sage scrub habitat and the abandonment of oil operations. In 2021 Toll Brothers signed a SVA with DTSC to conduct a document review, hold a meeting, with 10 components of information. review the already approved RWQCB RAP, evaluate the investigation and risk assessment, Implement the Soil vapor response. Once the agreed upon remedy is implemented the a Report shall be provided. Appropriate public outreach may be needed. A Land Use Covenant may be necessary to keep the remedy in place. to protect from the possibility of indoor air intrusion.The RWQCB RAP contains clean up objectives that should be considered by toxicologists. Technical staff have observed vapor tests and sample locations in 2022.

Status: ACTIVE
Program Type: VOLUNTARY CLEANUP
CalEnviroScreen Score: 75-80%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60003140

Completed Activities

Title: 2022-2023 Annual Oversight Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60003140&enforcement_id=60524080
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/5/2022
Comments:

Title: Remedy Construction Completion Report for Phase 1
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60003140&doc_id=60499289
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedy Constructed with O&M
Date Completed: 7/19/2022
Comments:

Title: RAP Soil Vapor Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60003140&doc_id=60499263
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Action Implementation Workplan
Date Completed: 2/16/2022
Comments: accept the proposal with hesitation

Title: Standard Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60003140&enforcement_id=60499112

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Standard Voluntary Agreement
Date Completed: 7/14/2021
Comments: Agreement Executed

Title: Meeting to Discuss SOW for Phase 2
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Meeting
Date Completed: 8/17/2022
Comments:

Title: Semi-Annual Status Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60003140&doc_id=60526670
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 8/15/2022
Comments:

Title: Draft Soil Remediation and Closure Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60003140&doc_id=60512597
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Tech Memo
Date Completed: 3/3/2022
Comments: accepted with the understanding that further work will be conducted under the approved Soil Vapor Workplan.

Title: Remedial Action Plan (LA-RWQCB-Approved)
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60003140&doc_id=60499332
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Action Plan
Date Completed: 6/21/2021
Comments: LA-RWQCB Approved RAP - indoor air clean up objectves are detailed on page 329 of the RAP

Title: Project Management
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Project Management
Date Completed: 6/30/2022
Comments:

Title: LA RWQCB Site Transfer Letters
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 2/21/2021
Comments: Site Transfer letters

Title: RAP review

Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 11/30/2021
Comments: reviewed in prep for meeting

Title: Field Work
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60003140&doc_id=60499115
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 3/3/2022
Comments:

Title: Semi Annual Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60003140&doc_id=60506143
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Report
Date Completed: 1/10/2022
Comments: additional sampling required

Unplottable Summary

Total: 0 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID

No unplottable records were found that may be relevant for the search criteria.

Unplottable Report

No unplottable records were found that may be relevant for the search criteria.

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

Formerly Utilized Sites Remedial Action Program: DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

National Priority List: NPL

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Nov 3, 2022

National Priority List - Proposed: PROPOSED NPL

Sites proposed by the United States Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Nov 3, 2022

Deleted NPL: DELETED NPL

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Nov 3, 2022

SEMS List 8R Active Site Inventory: SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

Government Publication Date: Jan 25, 2023

SEMS List 8R Archive Sites: SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Jan 25, 2023

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Jan 23, 2023

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by RCRA.

Government Publication Date: Jan 23, 2023

RCRA Generator List: RCRA LQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Jan 23, 2023

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Jan 23, 2023

RCRA Very Small Quantity Generators List: RCRA VSQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Jan 23, 2023

RCRA Non-Generators: RCRA NON GEN

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Jan 23, 2023

RCRA Sites with Controls: RCRA CONTROLS

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Jan 23, 2023

Federal Engineering Controls-ECs: FED ENG

This list of Engineering controls (ECs) is provided by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Dec 22, 2022

Federal Institutional Controls- ICs: FED INST

This list of Institutional controls (ICs) is provided by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Dec 22, 2022

Land Use Control Information System: LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites: NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: Nov 3, 2022

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Nov 6, 2022

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Sep 13, 2022

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan: FRP

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Delisted Facility Response Plans: DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Historical Gas Stations: HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries: REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Aug 30, 2022

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jun 29, 2022

LIEN on Property: SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Jan 25, 2023

Superfund Decision Documents: SUPERFUND ROD

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: Dec 22, 2022

State

State Response Sites: RESPONSE

A list of identified confirmed release sites where the Department of Toxic Substances Control (DTSC) is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk. This database is state equivalent NPL.

Government Publication Date: Feb 6, 2023

EnviroStor Database: ENVIROSTOR

The EnviroStor Data Management System is made available by the Department of Toxic Substances Control (DTSC). Includes Corrective Action sites, Tiered Permit sites, Historical Sites and Evaluation/Investigation sites. This database is state equivalent CERCLIS.

Government Publication Date: Feb 6, 2023

Delisted State Response Sites: DELISTED ENVS

Sites removed from the list of State Response Sites made available by the EnviroStor Data Management System, Department of Toxic Substances Control (DTSC).

Government Publication Date: Feb 6, 2023

Solid Waste Information System (SWIS): SWF/LF

The Solid Waste Information System (SWIS) database made available by the Department of Resources Recycling and Recovery (CalRecycle) contains information on solid waste facilities, operations, and disposal sites throughout the State of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites.

Government Publication Date: Feb 9, 2023

Solid Waste Disposal Sites with Waste Constituents Above Hazardous Waste Levels: SWRCB SWF

This is a list of solid waste disposal sites identified by California State Water Resources Control Board with waste constituents above hazardous waste levels outside the waste management unit.

Government Publication Date: Sep 20, 2006

Waste Management Unit Database: WMUD

The Waste Management Unit Database System tracks and inventories waste management units. CCR Title 27 contains criteria stating that Waste Management Units are classified according to their ability to contain wastes. Containment shall be determined by geology, hydrology, topography, climatology, and other factors relating to the ability of the Unit to protect water quality. Water Code Section 13273.1 requires that operators submit a water quality solid waste assessment test (SWAT) report to address leak status. The WMUDS was last updated by the State Water Resources control board in 2000.

Government Publication Date: Jan 1, 2000

EnviroStor Hazardous Waste Facilities: HWP

A list of hazardous waste facilities including permitted, post-closure and historical facilities found in the Department of Toxic Substances Control (DTSC) EnviroStor database.

Government Publication Date: Feb 6, 2023

Sites Listed in the Solid Waste Assessment Test (SWAT) Program Report: SWAT

In a 1993 Memorandum of Understanding, the State Water Resources Control Board (SWRCB) agreed to submit a comprehensive report on the Solid Waste Assessment Test (SWAT) Program to the California Integrated Waste Management Board (CIWMB). This report summarizes the work completed to date on the SWAT Program, and addresses both the impacts that leakage from solid waste disposal sites (SWDS) may have upon waters of the State and the actions taken to address such leakage.

Government Publication Date: Dec 31, 1995

Construction and Demolition Debris Recyclers: C&D DEBRIS RECY

This listing of Construction and Demolition Debris Recyclers is maintained by the California Intergrated Waste Management Board-common C&D materials include lumber, drywall, metals, masonry (brick, concrete, etc.), carpet, plastic, pipe, rocks, dirt, paper, cardboard, or green waste related to land development.

Government Publication Date: Jun 20, 2018

Recycling Centers: RECYCLING

This list of Certified Recycling Centers that are operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Jan 12, 2023

Listing of Certified Processors: PROCESSORS

This list of Certified Processors that are operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Jan 12, 2023

Listing of Certified Dropoff, Collection, and Community Service Programs: CONTAINER RECY

This list of Certified Dropoff, Collection, and Community Service Programs (non-buyback) operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Jan 13, 2023

Land Disposal Sites: LDS

Land Disposal Sites in GeoTracker, the State Water Resources Control Board (SWRCB)'s data management system. The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units. Waste management units include waste piles, surface impoundments, and landfills.

Government Publication Date: Nov 16, 2022

Leaking Underground Fuel Tank Reports: LUST

List of Leaking Underground Storage Tanks within the Cleanup Sites data in GeoTracker database. GeoTracker is the State Water Resources Control Board's (SWRCB) data management system for managing sites that impact groundwater, especially those that require groundwater cleanup (Underground Storage Tanks, Department of Defense and Site Cleanup Program) as well as permitted facilities such as operating Underground Storage Tanks. The Leak Prevention Program that overlooks LUST sites is the SWRCB in California's Environmental Protection Agency.

Government Publication Date: Nov 16, 2022

Delisted Leaking Storage Tanks: DELISTED LST

List of Leaking Underground Storage Tanks (LUST) cleanup sites removed from GeoTracker, the State Water Resources Control Board (SWRCB)'s database system, as well as sites removed from the SWRCB's list of UST Case closures.

Government Publication Date: Nov 16, 2022

Permitted Underground Storage Tank (UST) in GeoTracker: UST

List of Permitted Underground Storage Tank (UST) sites made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA).

Government Publication Date: Jan 17, 2023

Proposed Closure of Underground Storage Tank Cases: UST CLOSURE

List of UST cases that are being considered for closure by either the California Environmental Protection Agency, State Water Resources Control Board or the Executive Director that have been posted for a 60-day public comment period.

Government Publication Date: May 5, 2021

Historical Hazardous Substance Storage Information Database: HHSS

The Historical Hazardous Substance Storage database contains information collected in the 1980s from facilities that stored hazardous substances. The information was originally collected on paper forms, was later transferred to microfiche, and recently indexed as a searchable database. When using this database, please be aware that it is based upon self-reported information submitted by facilities which has not been independently verified. It is unlikely that every facility responded to the survey and the database should not be expected to be a complete inventory of all facilities that were operating at that time. This database is maintained by the California State Water Resources Control Board's (SWRCB) Geotracker.

Government Publication Date: Aug 27, 2015

Statewide Environmental Evaluation and Planning System: UST SWEEPS

The Statewide Environmental Evaluation and Planning System (SWEEPS) is a historical listing of active and inactive underground storage tanks made available by the California State Water Resources Control Board (SWRCB).

Government Publication Date: Oct 1, 1994

Aboveground Storage Tanks: AST

A statewide list from 2009 of aboveground storage tanks (ASTs) made available by the Cal FIRE Office of the State Fire Marshal (OSFM). This list is no longer maintained or updated by the Cal FIRE OSFM.

Government Publication Date: Aug 31, 2009

SWRCB Historical Aboveground Storage Tanks: AST SWRCB

A list of aboveground storage tanks made available by the California State Water Resources Control Board (SWRCB). Effective January 1, 2008, the Certified Unified Program Agencies (CUPAs) are vested with the responsibility and authority to implement the Aboveground Petroleum Storage Act (APSA).

Government Publication Date: Dec 1, 2007

Oil and Gas Facility Tanks: TANK OIL GAS

Locations of oil and gas tanks that fall under the jurisdiction of the Geologic Energy Management Division of the California Department of Conservation (CalGEM) (CCR 1760). CalGEM was formerly the Division of Oil, Gas, and Geothermal Resources (DOGGR).

Government Publication Date: Jan 9, 2023

Delisted Storage Tanks: DELISTED TNK

This database contains a list of storage tank sites that were removed by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA) and the Cal FIRE Office of State Fire Marshal (OSFM).

Government Publication Date: Jan 17, 2023

California Environmental Reporting System (CERS) Tanks: CERS TANK

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

Government Publication Date: Jan 10, 2023

Delisted California Environmental Reporting System (CERS) Tanks: DELISTED CTNK

This database contains a list of Aboveground Petroleum Storage and Underground Storage Tank sites that were removed from in the California Environmental Protection Agency (CalEPA) Regulated Site Portal.

Government Publication Date: Jan 10, 2023

Historical Hazardous Substance Storage Container Information - Facility Summary: HIST TANK

The State Water Resources Control Board maintained the Hazardous Substance Storage Containers listing and inventory in th 1980s. This facility summary lists historic tank sites where the following container types were present: farm motor vehicle fuel tanks; waste tanks; sumps; pits, ponds, lagoons, and others; and all other product tanks. This set, published in May 1988, lists facility and owner information, as well as the number of containers. This data is historic and will not be updated.

Government Publication Date: May 27, 1988

Site Mitigation and Brownfields Reuse Program Facility Sites with Land Use Restrictions: LUR

The Department of Toxic Substances Control (DTSC) Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents land use restrictions that are active. Some sites have multiple land use restrictions.

Government Publication Date: Feb 6, 2023

CALSITES Database: CALSITES

This historical database was maintained by the Department of Toxic Substance Control (DTSC) for more than a decade. CALSITES contains information on Brownfield properties with confirmed or potential hazardous contamination. In 2006, DTSC introduced EnviroStor as the latest Brownfields site database.

Government Publication Date: May 1, 2004

Hazardous Waste Management Program Facility Sites with Deed / Land Use Restrictions: HLUR

The Department of Toxic Substances Control (DTSC) Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Government Publication Date: Feb 18, 2021

Deed Restrictions and Land Use Restrictions: DEED

List of Deed Restrictions, Land Use Restrictions and Covenants in GeoTracker made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency. A deed restriction (land use covenant) may be required to facilitate the remediation of past environmental contamination and to protect human health and the environment by reducing the risk of exposure to residual hazardous materials.

Government Publication Date: Nov 16, 2022

Voluntary Cleanup Program: VCP

List of sites in the Voluntary Cleanup Program made available by the Department of Toxic Substances and Control (DTSC). The Voluntary Cleanup Program was designed to respond to lower priority sites. Under the Voluntary Cleanup Program, DTSC enters site-specific agreements with project proponents for DTSC oversight of site assessment, investigation, and/or removal or remediation activities, and the project proponents agree to pay DTSC's reasonable costs for those services.

Government Publication Date: Feb 6, 2023

GeoTracker Cleanup Program Sites: CLEANUP SITES

A list of Cleanup Program sites in the state of California made available by The State Water Resources Control Board (SWRCB) of the California Environmental Protection Agency (EPA). SWRCB tracks leaking underground storage tank cleanups as well as other water board cleanups.

Government Publication Date: Nov 16, 2022

Delisted Cleanup Program Sites: DELISTED CLEANUP

A list of Cleanup Program sites which were once included - and have since been removed from - the list of Cleanup Program Sites in GeoTracker. GeoTracker is the State Water Resource Control Boards' data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Government Publication Date: Nov 16, 2022

Delisted County Records: DELISTED COUNTY

Records removed from county or CUPA databases. Records may be removed from the county lists made available by the respective county departments because they are inactive, or because they have been deemed to be below reportable thresholds.

Government Publication Date: Feb 28, 2023

Tribal

Leaking Underground Storage Tanks on Tribal/Indian Lands: INDIAN LUST

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 9, which includes California, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Underground Storage Tanks on Tribal/Indian Lands: INDIAN UST

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 9, which includes California, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Delisted Tribal Leaking Storage Tanks: DELISTED INDIAN LST

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Delisted Tribal Underground Storage Tanks: DELISTED INDIAN UST

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

County

Los Angeles County - Site Mitigation List: SML LA

A Site Mitigation List in the County of Los Angeles. The list is made available by Los Angeles County Fire Department. Site mitigation is handled by the Site Mitigation Unit (SMU) which facilitates completion of site clean-up projects of contaminated sites in an expeditious manner in all cities of the Los Angeles County except El Segundo, Glendale, Long Beach, Santa Fe Springs, and Vernon.

Government Publication Date: May 26, 2021

Los Angeles County - Solid Waste Sites: SWF LA COUNTY

List of permitted solid waste facilities, closed landfills, historical dumpsites and other solid waste sites in Los Angeles County, made available by the Department of Public Works in Los Angeles County.

Government Publication Date: Feb 14, 2023

Los Angeles County - CUPA Program Records: CUPA LA COUNTY

A list of inspection and enforcement records for active and inactive CUPA Program facilities, made available by the Health Hazardous Materials Division (HHMD) of the County of Los Angeles Fire Department. Includes Hazardous Materials Business Plan (HMBP), California Accidental Release Prevention Plan (CalARP), Hazardous Waste Generator (HWG), and the Aboveground Petroleum Storage Act Programs (APSA). Inactive programs include facilities that are out of business or no longer regulated by the HHMD.

Government Publication Date: Mar 25, 2020

Los Angeles County - HMS List: HMS LA

List of sites in the Los Angeles County Department of Public Works Hazardous Materials System (HMS) Database which have or have had permits for Industrial Waste, Underground Storage Tanks, or Stormwater in the county of Los Angeles.

Government Publication Date: Mar 1, 2023

Los Angeles County - Santa Fe Springs Underground Storage Tank: UST SANTAFESP

A list of registered active Underground Storage Tanks (USTs) in the City of Santa Fe Springs. This list is made available by Santa Fe Springs Department of Fire-Rescue.

Government Publication Date: Feb 11, 2022

Los Angeles County - Long Beach UST List: UST LONGB

List of registered Underground Storage Tanks (USTs) in the City of Long Beach, Los Angeles County, made available by the Long Beach Certified Unified Program Agency (CUPA). The Long Beach CUPA operates under oversight shared by the Long Beach Fire Department and Health Department.

Government Publication Date: Jul 9, 2018

Los Angeles County - Burbank City CUPA List: CUPA BURBANK

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in the City of Burbank. This list is made available by the City of Burbank Fire Department.

Government Publication Date: Aug 21, 2019

Los Angeles County - El Segundo City Underground Storage Tanks List: UST ELSEGUNDO

List of registered Underground Storage Tanks (USTs) in the City of El Segundo of Los Angeles County, made available by El Segundo City Fire Department.

Government Publication Date: Jan 17, 2017

Los Angeles County - Santa Monica City Underground Storage Tank List: UST SANTA MONICA

A list of registered active Underground Storage Tanks (USTs) in the City of Santa Monica made available by Santa Monica Fire Prevention Division.

Government Publication Date: Dec 3, 2020

Los Angeles County - Santa Monica City Aboveground Storage Tank List: AST SANTAMON

List of registered Aboveground Storage Tanks (ASTs) made available by the Santa Monica Fire Department in the City of Santa Monica of Los Angeles County, California.

Government Publication Date: Jan 20, 2023

Los Angeles County - Santa Monica City CUPA Facilities List: CUPA SANTAMON

The Santa Monica Fire Department's office maintains a list of CUPA Facilities located in Santa Monica city.

Government Publication Date: Jan 14, 2022

Los Angeles County - Torrance City Underground Storage Tanks: UST TORRANCE

A list of registered Underground Storage Tank (UST) sites in Torrance City of Los Angeles County. This list is made available by Torrance City Office of Clerk.

Government Publication Date: Apr 20, 2022

Los Angeles County - Vernon City UST List: UST VERNON

A list of Underground Storage Tanks (UST) in Vernon City provided by the Vernon City Fire Department.

Government Publication Date: Aug 25, 2022

Los Angeles County - Vernon City CUPA List: CUPA VERNON

The Vernon City Fire Department's office maintains a list of CUPA Facilities located in Vernon city.

Government Publication Date: Aug 25, 2022

Los Angeles County - City of Los Angeles UST List: UST LA CITY

A list of active and inactive underground storage tank facilities made available by the Los Angeles Fire Department CUPA.

Government Publication Date: Nov 1, 2022

Los Angeles County - City of Los Angeles AST List: AST LA CITY

A list of active and inactive above ground petroleum storage tanks made available by the Los Angeles Fire Department CUPA.

Government Publication Date: Jun 1, 2019

Los Angeles County - City of Los Angeles Hazardous Materials Facilities: HAZMAT LA CITY

A list of active and inactive hazardous materials facilities made available by the Los Angeles Fire Department CUPA.

Government Publication Date: Jun 1, 2019

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index: FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Aug 18, 2022

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U. S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Aug 24, 2021

PFOA/PFOS Contaminated Sites: PFAS NPL

List of National Priorities List (NPL) and related Superfund Alternative Agreement (SAA) sites where PFOA or PFOS contaminants have been found in water and/or soil. The site listing is provided by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Oct 4, 2022

Federal Agency Locations with Known or Suspected PFAS Detections: PFAS FED SITES

List of Federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS), made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data. EPA outlines that these data are gathered from several federal entities, such as the Federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration, Department of Transportation, and Department of Energy. Sites on this list do not necessarily reflect the source/s of contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

Government Publication Date: Jun 30, 2022

SSEHRI PFAS Contamination Sites: PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Access the following for the most current informations https://pfasproject.com/pfas-contamination-site-tr acker/

Government Publication Date: Dec 12, 2019

National Response Center PFAS Spills: ERNS PFAS

National Response Center (NRC) calls from 1990 to the most recent complete calendar year where there is indication of Aqueous Film Forming Foam (AFFF) usage. NRC calls may reference AFFF usage in the "Material Involved" or "Incident Description" fields. Data made available by the US Environmental Protection Agency (EPA). Disclaimer: dataset may include initial or misidentified incident data not yet validated or investigated by a federal/state response agency.

Government Publication Date: Feb 23, 2022

PFAS NPDES Discharge Monitoring: PFAS NPDES

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

Government Publication Date: Feb 19, 2023

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Aug 24, 2021

Perfluorinated Alkyl Substances (PFAS) Water Quality: PFAS WATER

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

PFAS TSCA Manufacture and Import Facilities: PFAS TSCA

The US Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) requiring facilities that manufacture or import chemical substances to report to EPA. This list is specific to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl substances (PFAS). Data file made available by the EPA and includes CDR/Inventory Update Reporting data from 1998 up to 2020. EPA makes notes the following about these data: this data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

Government Publication Date: Jun 20, 2022

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Aug 30, 2022

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Jan 25, 2023

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The U.S. Environmental Protection Agency's Enforcement and Compliance History Online system incorporates data from the Integrated Compliance Information System - National Pollutant Discharge Elimination System (ICIS-NPDES). ICIS-NPDES is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. This data includes permit, inspection, violation and enforcement action information for applicable ICIS records.

Government Publication Date: Oct 15, 2022

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) online search. The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Jun 25, 2022

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Jun 25, 2022

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset.

Government Publication Date: Jul 12, 2022

Former Military Nike Missile Sites: FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents: PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Mar 31, 2021

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) is provided by the United State Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Aug 3, 2022

Surface Mining Control and Reclamation Act Sites: SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Government Publication Date: Aug 18, 2022

Mineral Resource Data System: MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites: LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Tile II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Dec 1, 2022

Alternative Fueling Stations: ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG) fuel type locations.

Government Publication Date: Jan 3, 2023

Superfunds Consent Decrees: CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS) since 2010. CMS may not reflect the latest developments in a case nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Jan 11, 2023

Air Facility System: AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments: SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Mar 30, 2022

Polychlorinated Biphenyl (PCB) Transformers: PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Nov 3, 2022

State

Dry Cleaning Facilities: DRYCLEANERS

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial, linen supply, commercial laundry, dry cleaning and pressing machines - Coin Operated Laundry and Dry Cleaning. This is provided by the Department of Toxic Substance Control.

Government Publication Date: Dec 20, 2021

Delisted Drycleaners: DELISTED DRYCLEANERS

Sites removed from the list of drycleaner related facilities that have EPA ID numbers, made available by the California Department of Toxic Substance Control.

Government Publication Date: Jan 31, 2022

Non-Toxic Dry Cleaning Incentive Program: DRYC GRANT

A list of grant recipients of the Non-Toxic Dry Cleaning Incentive Program made available by the California Air Resources Board (CARB). The program provides grants to eligible dry cleaning businesses to assist them in transitioning away from PERC machines to alternative non-toxic and non-smog forming technologies.

Government Publication Date: Jan 31, 2022

Per- and Polyfluoroalkyl Substances (PFAS): PFAS

List of FAA Part 139 Airports, Selected Landfills, and Chrome Plating Facilities from California Water Boards PFAS Investigations, as well as sites from the State Water Resources Control Board (SWRCB)'s GeoTracker at which one or more of the potential contaminants of concern are in the PFAS Master List of PFAS Substances made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Feb 15, 2022

PFOA/PFOS Groundwater: PFAS GW

A list of water wells from the Groundwater Ambient Monitoring and Assessment Program (GAMA) Groundwater Information System with the groundwater chemical perfluorooctanoic acid (PFOA) (NL = 0.014 UG/L) or perfluorooctanoic sulfonate (PFOS) (NL = 0.013 UG/L). The GAMA Groundwater Information System search is made available by California Water Boards.

Government Publication Date: Feb 4, 2023

Hazardous Waste and Substances Site List - Site Cleanup: HWSS CLEANUP

The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites. This list is published by California Department of Toxic Substance Control.

Government Publication Date: Nov 2, 2022

Toxic Pit Cleanup Act Sites: TOXIC PITS

The Toxic Pits Cleanup Act (TPCA) list identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. This list was maintained by the State Water Resources Control Board (SWRCB), is not longer maintained, and updates are not planned.

Government Publication Date: Jul 1, 1995

List of Hazardous Waste Facilities Subject to Corrective Action: DTSC HWF

This is a list of hazardous waste facilities identified in Health and Safety Code (HSC) § 25187.5. These facilities are those where Department of Toxic Substances Control (DTSC) has taken or contracted for corrective action because a facility owner/operator has failed to comply with a date for taking corrective action in an order issued under HSC § 25187, or because DTSC determined that immediate corrective action was necessary to abate an imminent or substantial endangerment.

Government Publication Date: Jul 18, 2016

EnviroStor Inspection, Compliance, and Enforcement: INSP COMP ENF

A list of permitted facilities with inspections and enforcements tracked by the California Department of Toxic Substance Control's (DTSC) EnviroStor data management system.

Government Publication Date: Oct 24, 2022

School Property Evaluation Program Sites: SCH

A list of sites registered with The Department of Toxic Substances Control (DTSC) School Property Evaluation and Cleanup (SPEC) Division. SPEC is responsible for assessing, investigating and cleaning up proposed school sites. The Division ensures that selected properties are free of contamination or, if the properties were previously contaminated, that they have been cleaned up to a level that protects the students and staff who will occupy the new school.

Government Publication Date: Feb 6, 2023

California Hazardous Material Incident Report System (CHMIRS): CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS). This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Aug 15, 2022

Historical California Hazardous Material Incident Report System (CHMIRS): HIST CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS) prior to 1993. This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Jan 1, 1993

Handlers from Hazardous Waste Manifest Data: HAZNET

A list of handlers not otherwise classified as Treatment, Storage, Disposal facilities (TSDF) or generators from the facilities and manifests data made available by the California Department of Toxic Substances Control (DTSC) in their Hazardous Waste Tracking System (HWTS).

Government Publication Date: Oct 24, 2016

Generators from Hazardous Waste Manifest Data: HAZ GEN

List of handlers listed as having generated waste from the facilities and manifests data made available by the California Department of Toxic Substances Control (DTSC) in their Hazardous Waste Tracking System (HWTS).

Government Publication Date: Dec 31, 2017

TSDF from Hazardous Waste Manifest Data: HAZ TSD

List of Treatment, Storage, and Disposal Facilities (TSDFs) from the facilities and manifests data made available by the California Department of Toxic Substances Control (DTSC) in their Hazardous Waste Tracking System (HWTS).

Government Publication Date: Dec 31, 2017

Historical Hazardous Waste Manifest Data: HIST MANIFEST

A list of historic hazardous waste manifests received by the Department of Toxic Substances Control (DTSC) from year the 1980 to 1992. The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.

Government Publication Date: Dec 31, 1992

DTSC Registered Hazardous Waste Transporters: HW TRANSPORT

The California Department of Toxic Substances Control (DTSC) maintains this list of Registered Hazardous Waste Transporters.

Government Publication Date: Dec 9, 2022

Registered Waste Tire Haulers: WASTE TIRE

This list of registered waste tire haulers is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Oct 11, 2022

California Medical Waste Management Program Facility List: MEDICAL WASTE

This list of Medical Waste Management Program Facilities is maintained by the California Department of Public Health. The Medical Waste Management Program (MWMP) regulates the generation, handling, storage, treatment, and disposal of medical waste by providing oversight for the implementation of the Medical Waste Management Act (MWMA). The MWMP permits and inspects all medical waste off-site treatment facilities, medical waste transporters, and medical waste transfer stations. This list contains transporters, treatment, and transfer facilities.

Government Publication Date: Oct 31, 2022

Historical Cortese List: HIST CORTESE

List of sites which were once included on the Cortese list. The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements for providing information about the location of hazardous sites.

Government Publication Date: Nov 13, 2008

Cease and Desist Orders and Cleanup and Abatement Orders: CDO/CAO

The California Environment Protection Agency "Cortese List" of active Cease and Desist Orders (CDO) and Cleanup and Abatement Orders (CAO). This list contains many CDOs and CAOs that do NOT concern the discharge of wastes that are hazardous materials. Many of the listed orders concern, as examples, discharges of domestic sewage, food processing wastes, or sediment that do not contain hazardous materials, but the Water Boards' database does not distinguish between these types of orders.

Government Publication Date: Dec 6, 2021

California Environmental Reporting System (CERS) Hazardous Waste Sites: CERS HAZ

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

Government Publication Date: Feb 8, 2023

Delisted Environmental Reporting System (CERS) Hazardous Waste Sites: DELISTED HAZ

This database contains a list of sites that were removed from the California Environmental Protection Agency (CalEPA) in the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator.

Government Publication Date: Nov 29, 2018

Sites in GeoTracker: GEOTRACKER

GeoTracker is the State Water Resource Control Boards' data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater. This is a list of sites in GeoTracker that aren't otherwise categorized as LUST, Land Disposal Sites (LDS), Cleanup Sites, or sites having Waste Discharge Requirements (WDR). This listing includes program types such as Underground Injection Control (UIC), Confined Animal Facilities (CAF), Irrigated Lands Regulatory Program, plans, and non-case information.

Government Publication Date: Nov 16, 2022

Mines Listing: MINE

This list includes mine site locations extracted from the Mines Online database, maintained by the California Department of Conservation. Mines Online (MOL) is an interactive web map designed with GIS features that provide information such as the mine name, mine status, commodity sold, location, and other mine specific data. Please note: Mine location information is provided to assist experts in determining the location of mine operators in accordance with California Civil Code section 1103.4 and reflects information reported by mine operators in annual reports provided under Public Resources Code section 2207. While the Division of Mine Reclamation (DMR) attempts to populate MOL with accurate location information, the DMR cannot guarantee the accuracy of operator reported location information.

Government Publication Date: Dec 19, 2022

Recorded Environmental Cleanup Liens: LIEN

The California Department of Toxic Substance Control (DTSC) maintains this list of liens placed upon real properties. A lien is utilized by the DTSC to obtain reimbursement from responsible parties for costs associated with the remediation of contaminated properties.

Government Publication Date: Aug 3, 2022

Waste Discharge Requirements: WASTE DISCHG

List of sites in California State Water Resources Control Board (SWRCB) Waste Discharge Requirements (WDRs) Program in California, made available by the SWRCB via GeoTracker. The WDR program regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Government Publication Date: Nov 16, 2022

Toxic Pollutant Emissions Facilities: EMISSIONS

A list of criteria and toxic pollutant emissions data for facilities in California made available by the California Environmental Protection Agency - Air Resources Board (ARB). Risk data may be based on previous inventory submittals. The toxics data are submitted to the ARB by the local air districts as requirement of the Air Toxics "Hot Spots" Program. This program requires emission inventory updates every four years.

Government Publication Date: Dec 31, 2020

Clandestine Drug Lab Sites: CDL

The Department of Toxic Substances Control (DTSC) maintains a listing of drug lab sites. DTSC is responsible for removal and disposal of hazardous substances discovered by law enforcement officials while investigating illegal/clandestine drug laboratories.

Government Publication Date: Jan 19, 2021

Tribal

No Tribal additional environmental record sources available for this State.

County

Los Angeles County - Santa Monica City Hazardous Materials Facilities: HAZMAT SANTAMON

A list of Hazardous Materials Facilities in the City of Santa Monica, Los Angeles county. This list is made available by Santa Monica Fire Prevention Division which has been designated as the CUPA for the City.

Government Publication Date: Dec 17, 2021

Los Angeles County - Santa Monica City Hazardous Waste Facilities: HAZ WST SANTAMON

A list of Hazardous Waste Facilities in Los Angeles County, City of Santa Monica. This list is made available by Santa Monica Fire Prevention Division.

Government Publication Date: Jan 20, 2023

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

PSR
PHYSICAL SETTING REPORT

Property Information

Order Number:		23031600529p
Date Completed:		March 17, 2023
Project Number:		22-395605.1
Project Property:		1977 Saturn 1977 Saturn Street MONTEREY PARK CA 91755
Coordinates:		
	Latitude:	34.0403934
	Longitude:	-118.1140805
	UTM Northing:	3767202.29845 Meters
	UTM Easting:	397155.994003 Meters
	UTM Zone:	UTM Zone 11S
	Elevation:	381.86 ft
	Slope Direction:	SW

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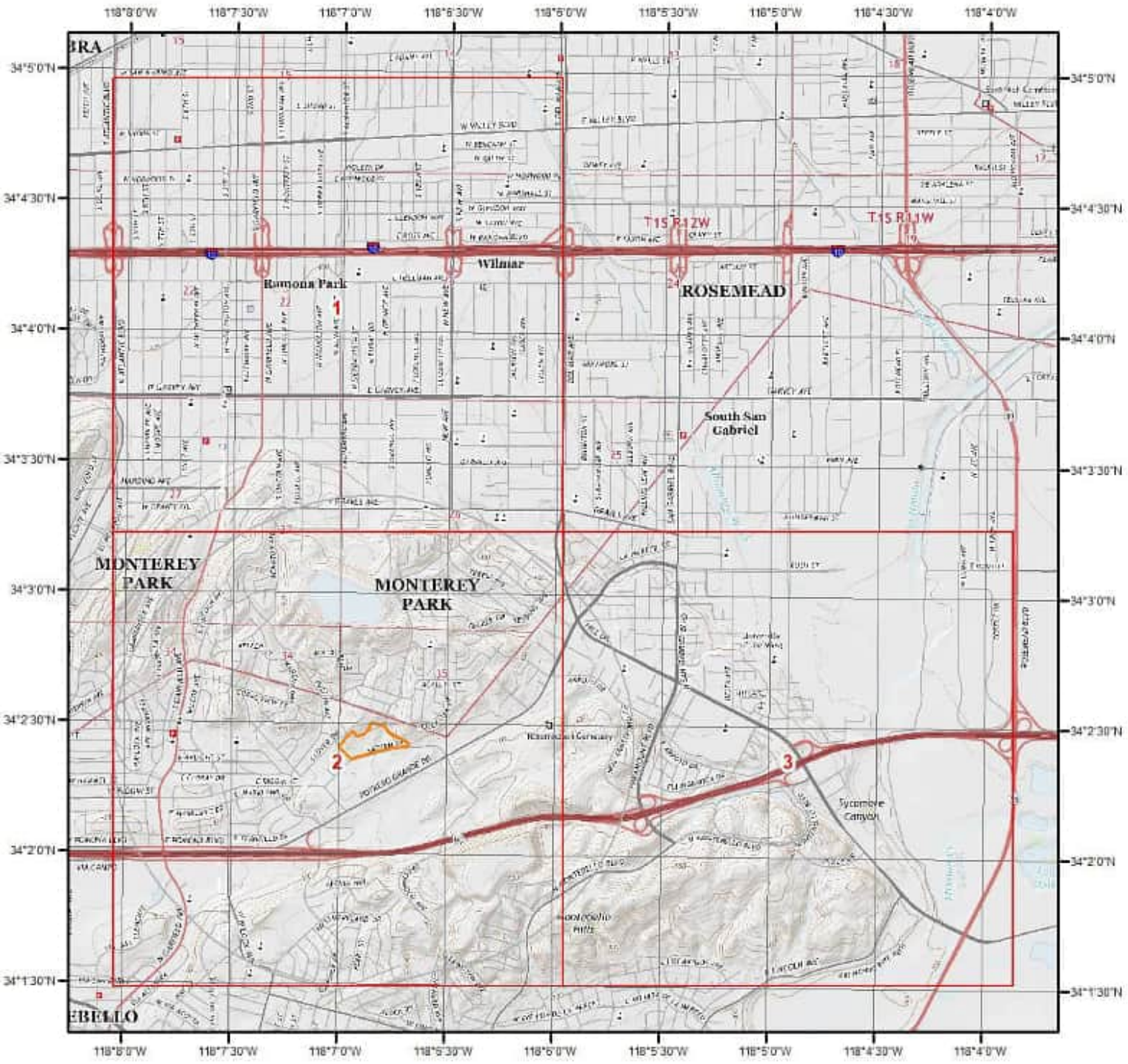
The ERIS ***Physical Setting Report - PSR*** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo (2015)

0 0.2 0.4 0.8 1.2 1.6 Miles

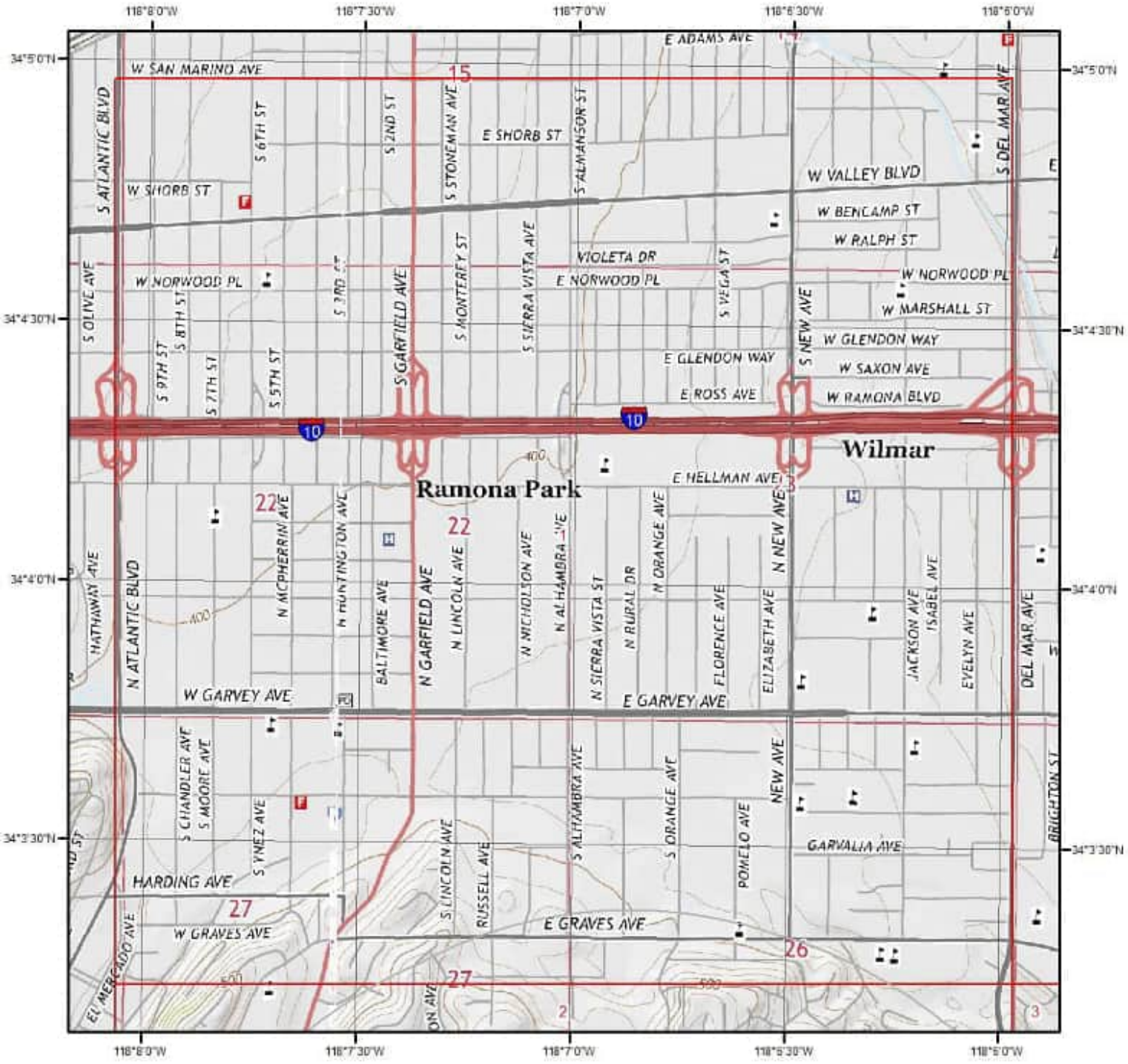
N

Quadrangle(s): El Monte,CA; Los Angeles,CA; South Gate,CA; Whittier,CA

ERIS

Source: USGS 7.5 Minute Topographic Map

Topographic Information

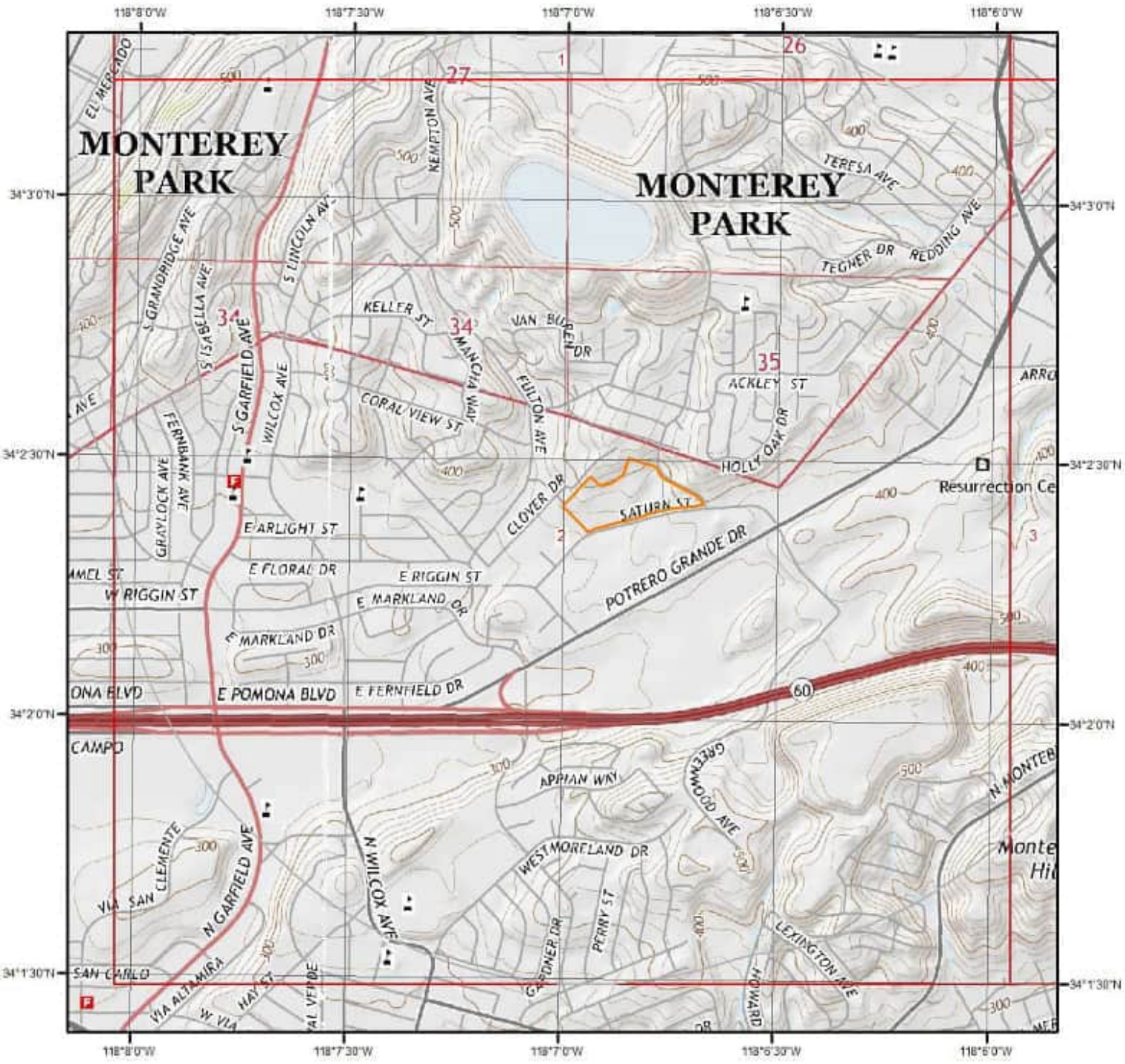


Current USGS Topo - Page 1

Quadrangle(s): El Monte,CA; Los Angeles,CA

Source: USGS 7.5 Minute Topographic Map

Topographic Information

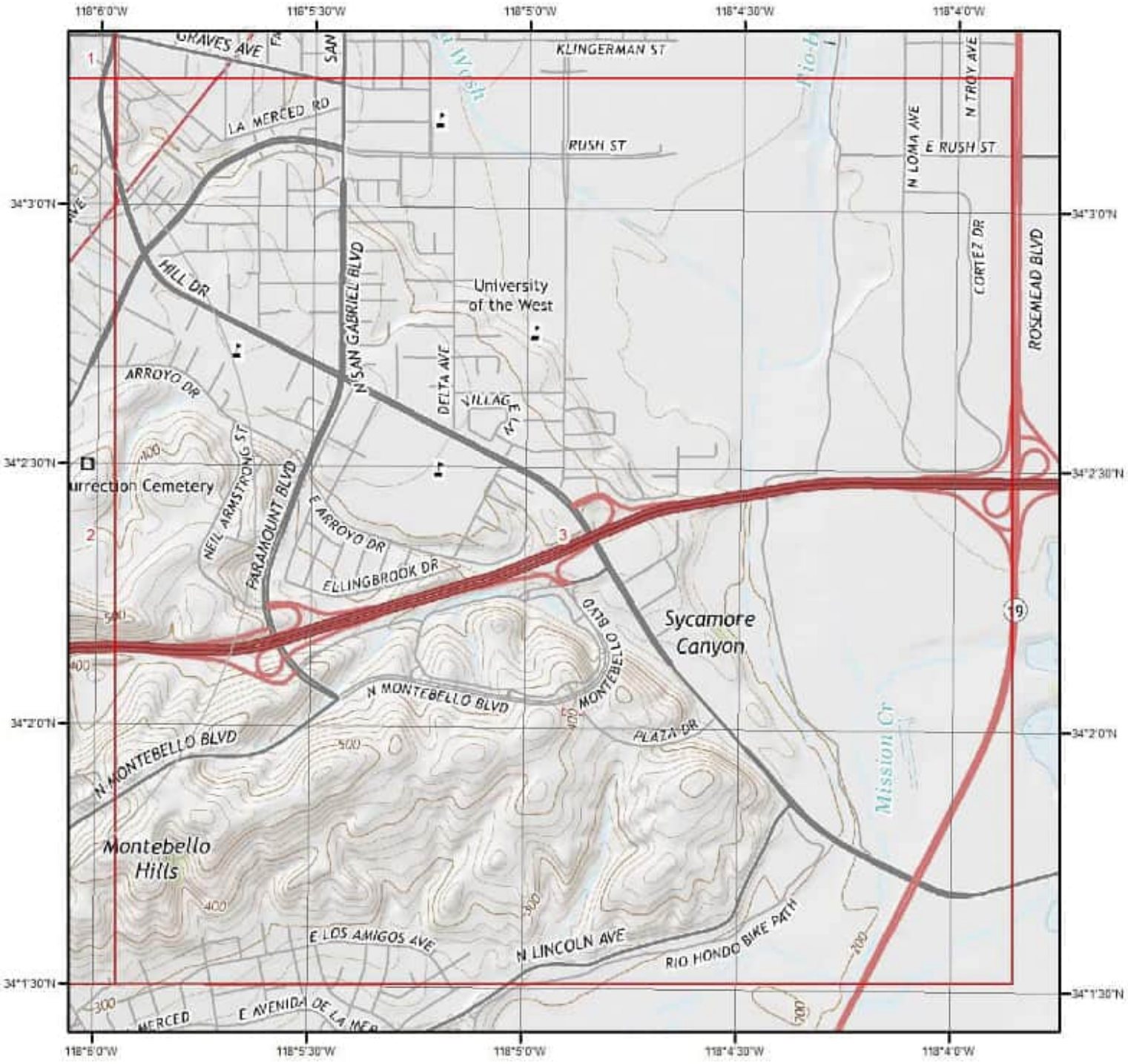


Current USGS Topo - Page 2

Quadrangle(s): El Monte,CA; Los Angeles,CA

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 3

0 0.2 0.4 0.8 Miles

N

Quadrangle(s): El Monte,CA

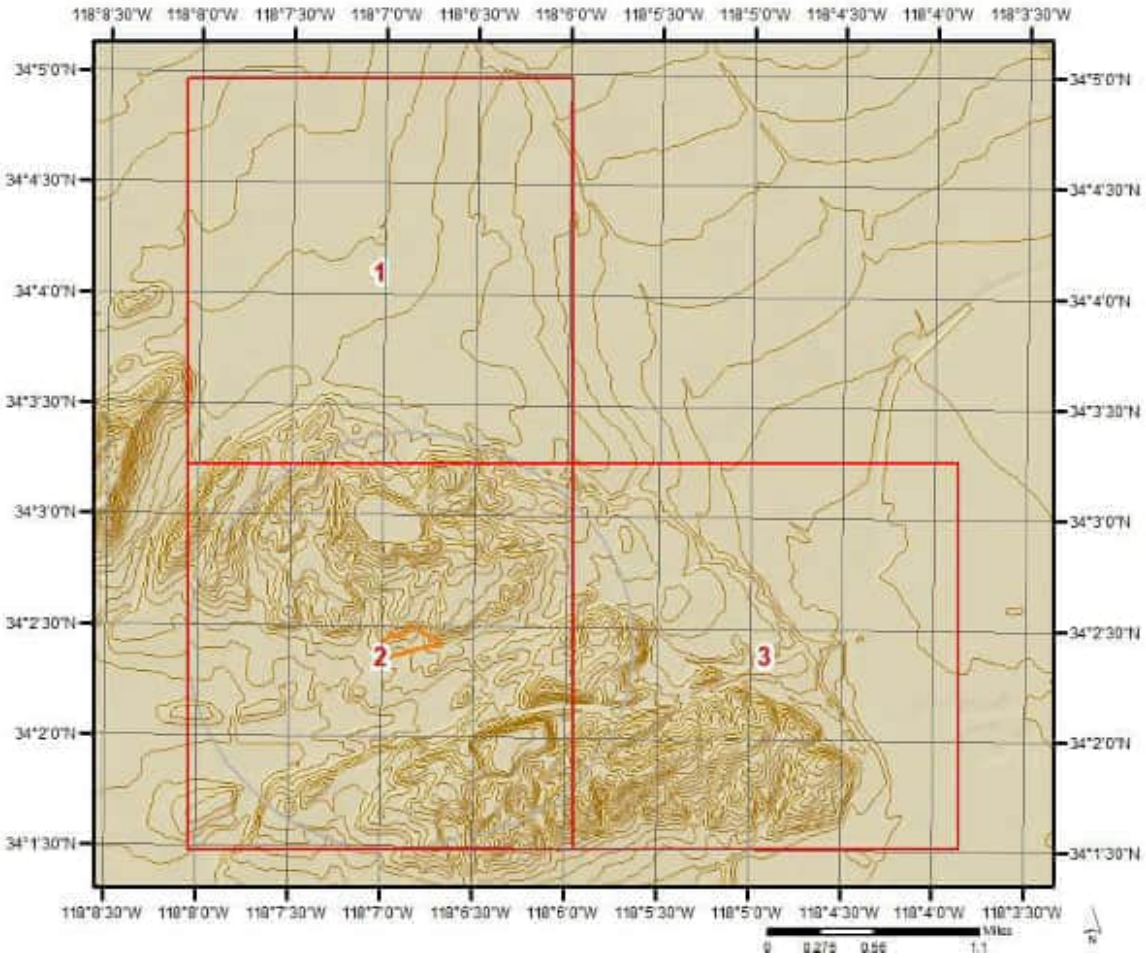
Source: USGS 7.5 Minute Topographic Map

Topographic Information

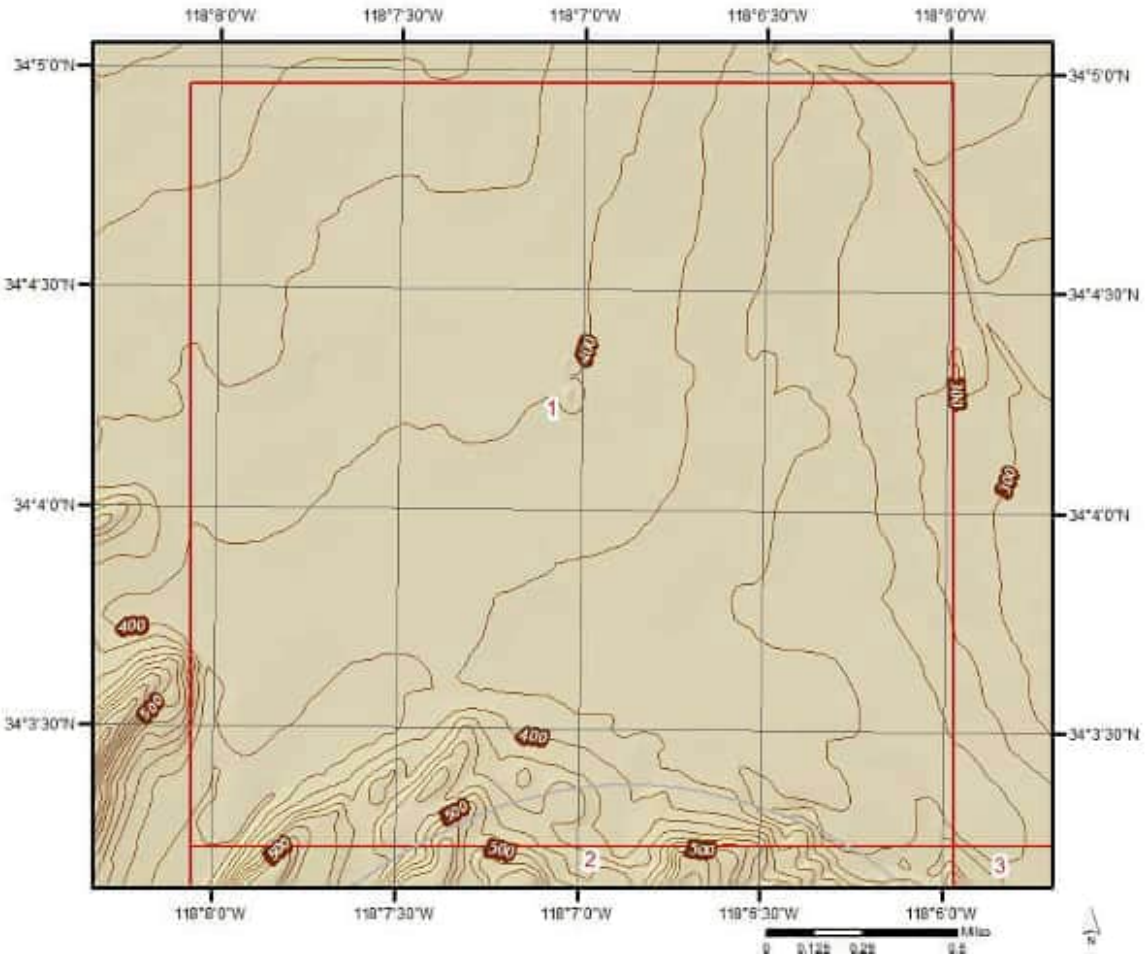
The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

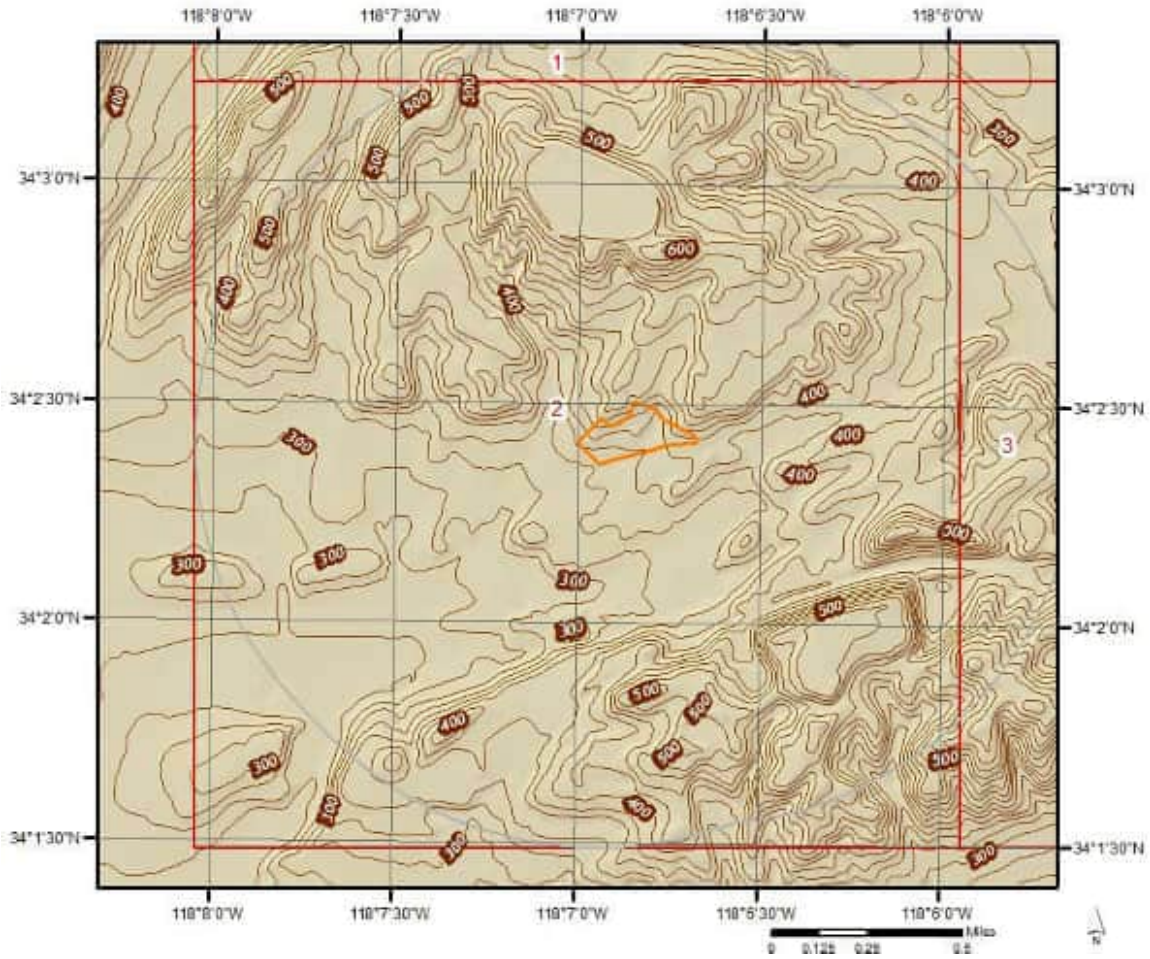
Elevation:	381.86 ft
Slope Direction:	SW



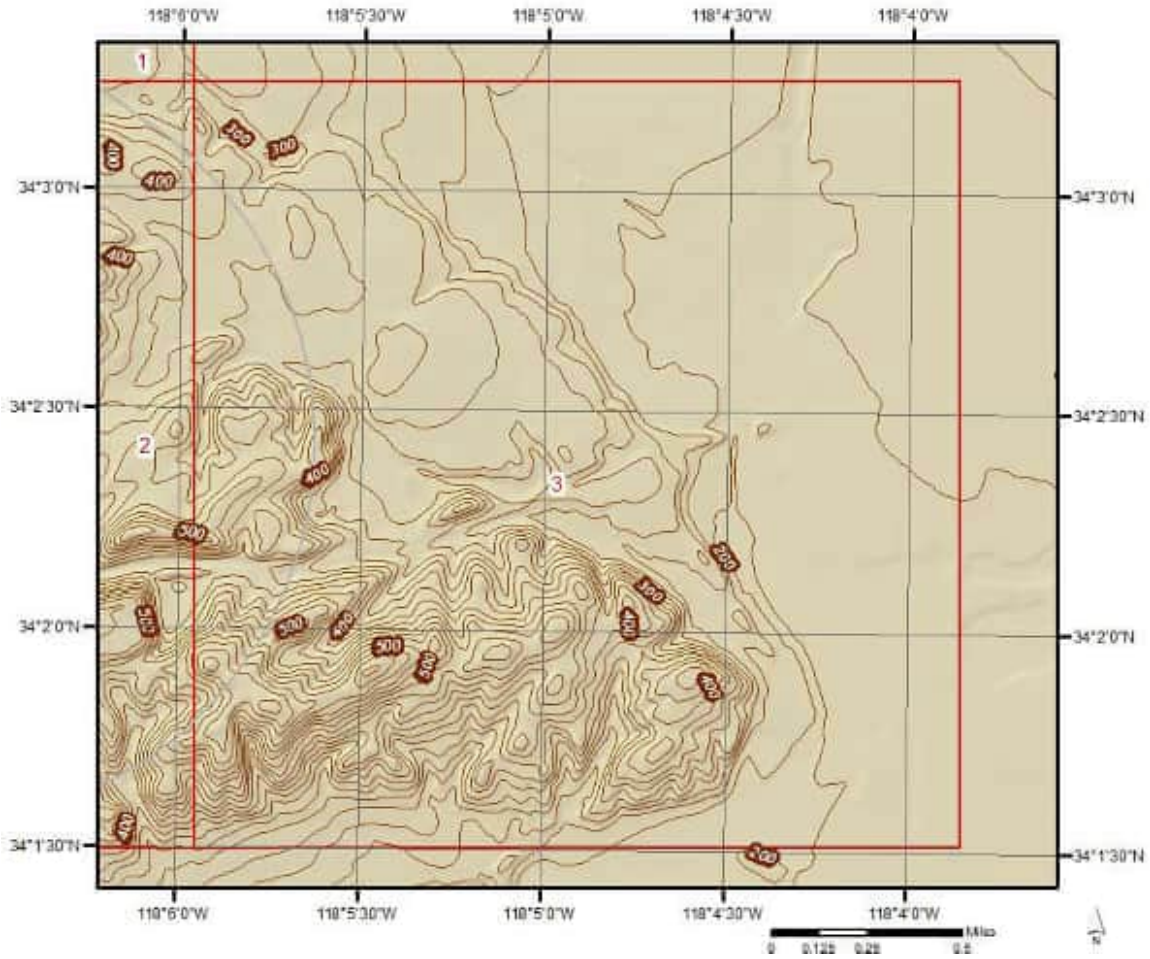
Topographic Information



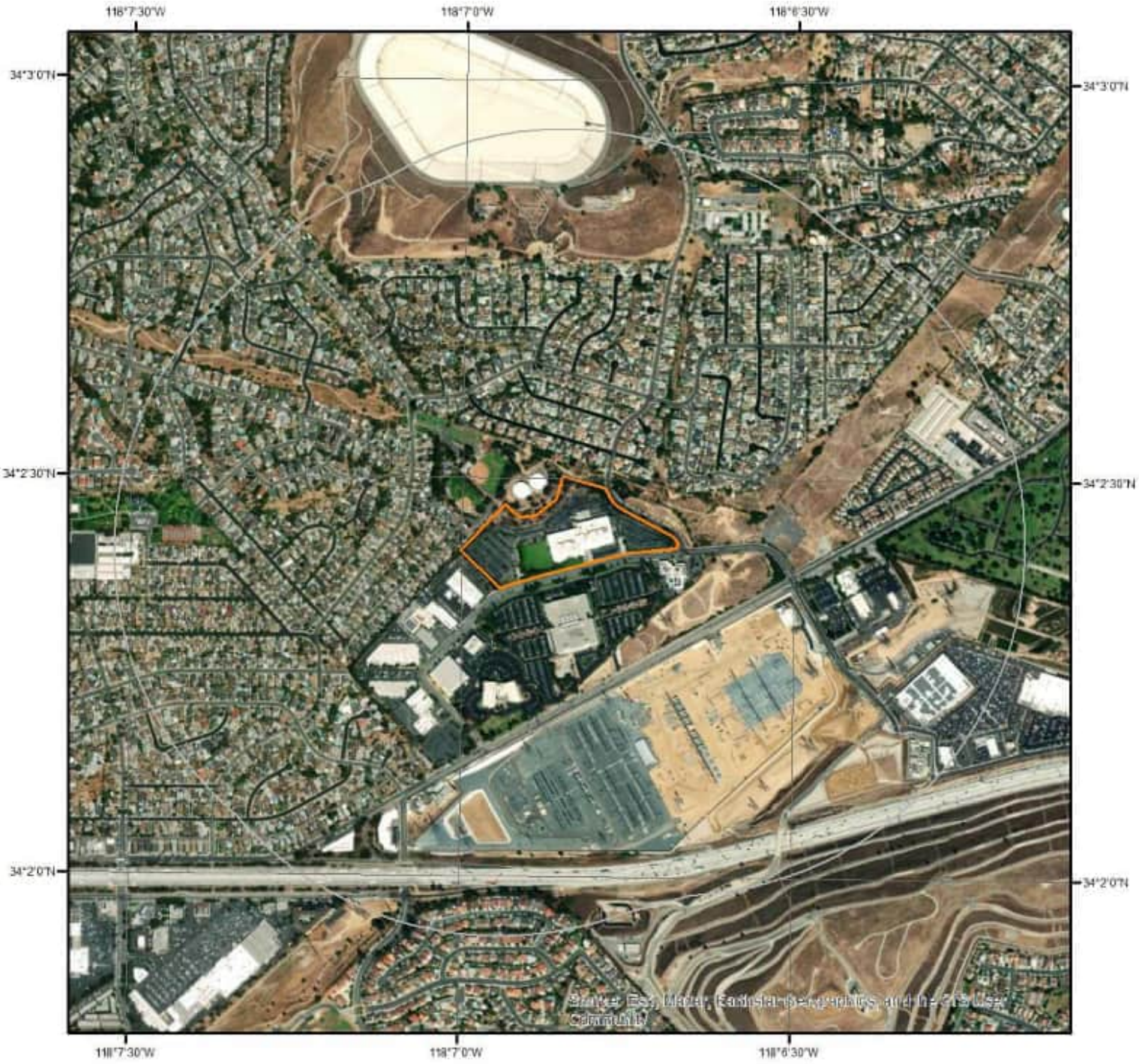
Topographic Information



Topographic Information



Hydrologic Information



Wetland

Miles
0 0.075 0.15 0.3

N

This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

ERIS

Hydrologic Information

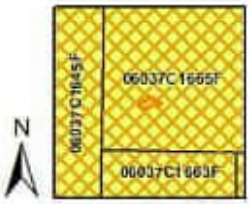


Flood Hazard Zones

Miles
0 0.2 0.4

This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

A	AO	X
A99	V	OPEN WATER
AE	VE	NOT POPULATED
AH	D	AREA NOT INCLUDED



Quadrangle(s): El Monte,CA; Los Angeles,CA; South Gate,CA; Whittier,CA

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Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below.
For detailed Zone descriptions please click the link: https://floodadvocate.com/fema-zone-definitions

Available FIRM Panels in area:	06037C1663F(effective:2008-09-26) 06037C1665F(effective:2008-09-26) 06037C1645F(effective:2008-09-26)

Geologic Information



0 0.275 0.55 Miles

N

Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

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0 0.35 0.7 Miles

Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

Geologic Unit Q

Unit Name:	Quaternary alluvium and marine deposits
Unit Age:	Pliocene to Holocene
Primary Rock Type:	alluvium
Secondary Rock Type:	terrace
Unit Description:	Alluvium, lake, playa, and terrace deposits; unconsolidated and semi-consolidated. Mostly nonmarine, but includes marine deposits near the coast.

Geologic Unit P

Unit Name:	Pliocene marine rocks
Unit Age:	Miocene to Pleistocene
Primary Rock Type:	sandstone
Secondary Rock Type:	mudstone
Unit Description:	Sandstone, siltstone, shale, and conglomerate; in part Pleistocene and Miocene.

Geologic Unit water

Unit Name:	water
Unit Age:	Holocene
Primary Rock Type:	water
Secondary Rock Type:	
Unit Description:	water

Soil Information



SSURGO Soils

0 0.2 0.4 Miles

N

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information

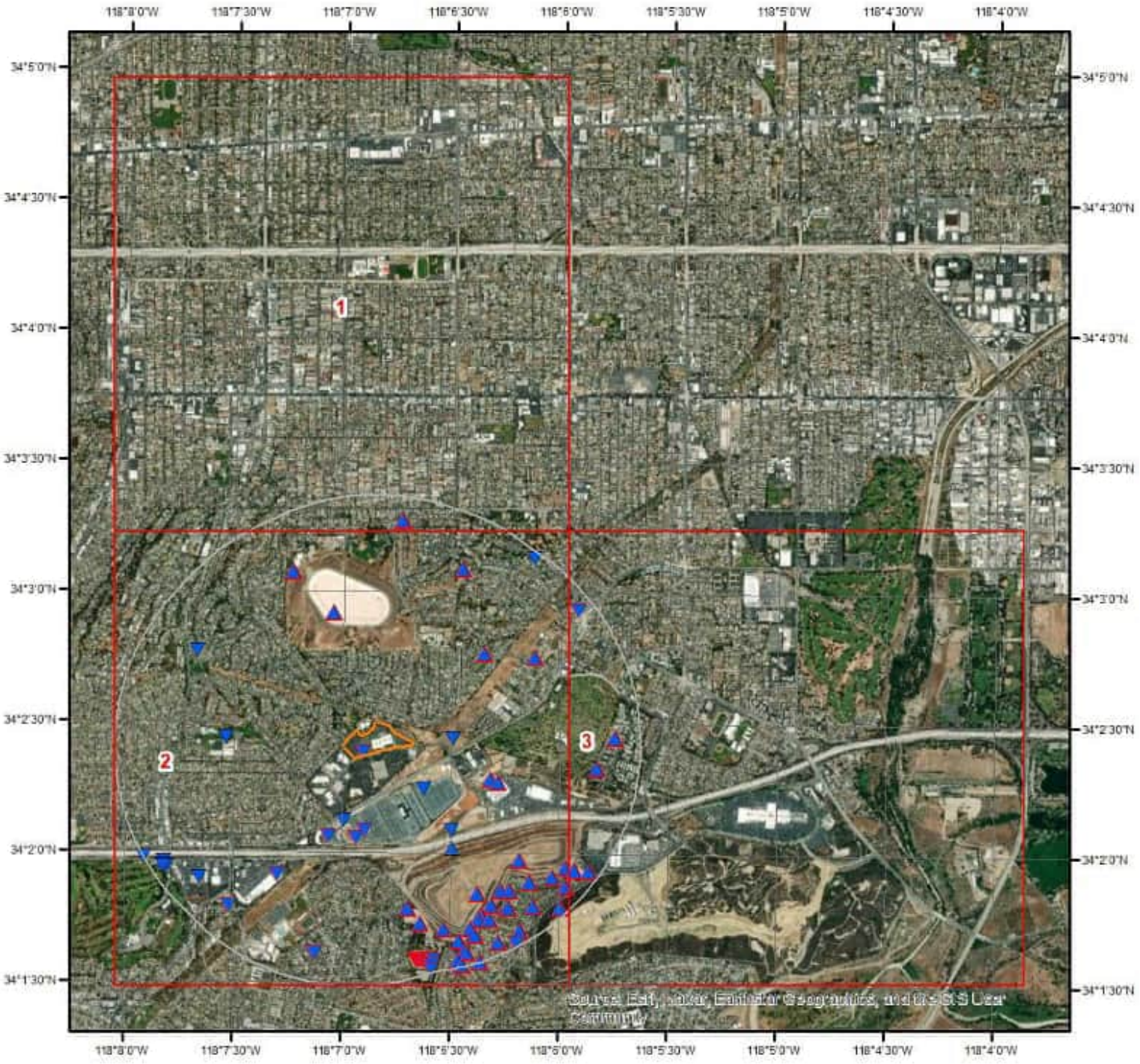
The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit NOTCOM (100.0%)

Map Unit Name: No Digital Data Available

No more attributes available for this map unit

Wells and Additional Sources



Wells & Additional Sources

N

0 0.3 0.6 1.2 Miles

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 1

Miles
0 0.15 0.3 0.6

- ▲ Sites with Higher Elevation
- ■ Sites with Same Elevation
- ▼ Sites with Lower Elevation
- ○ Sites with Unknown Elevation
- ▲ OGW Sites with Higher Elevation
- ■ OGW Sites with Same Elevation
- ▼ OGW Sites with Lower Elevation
- ● OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



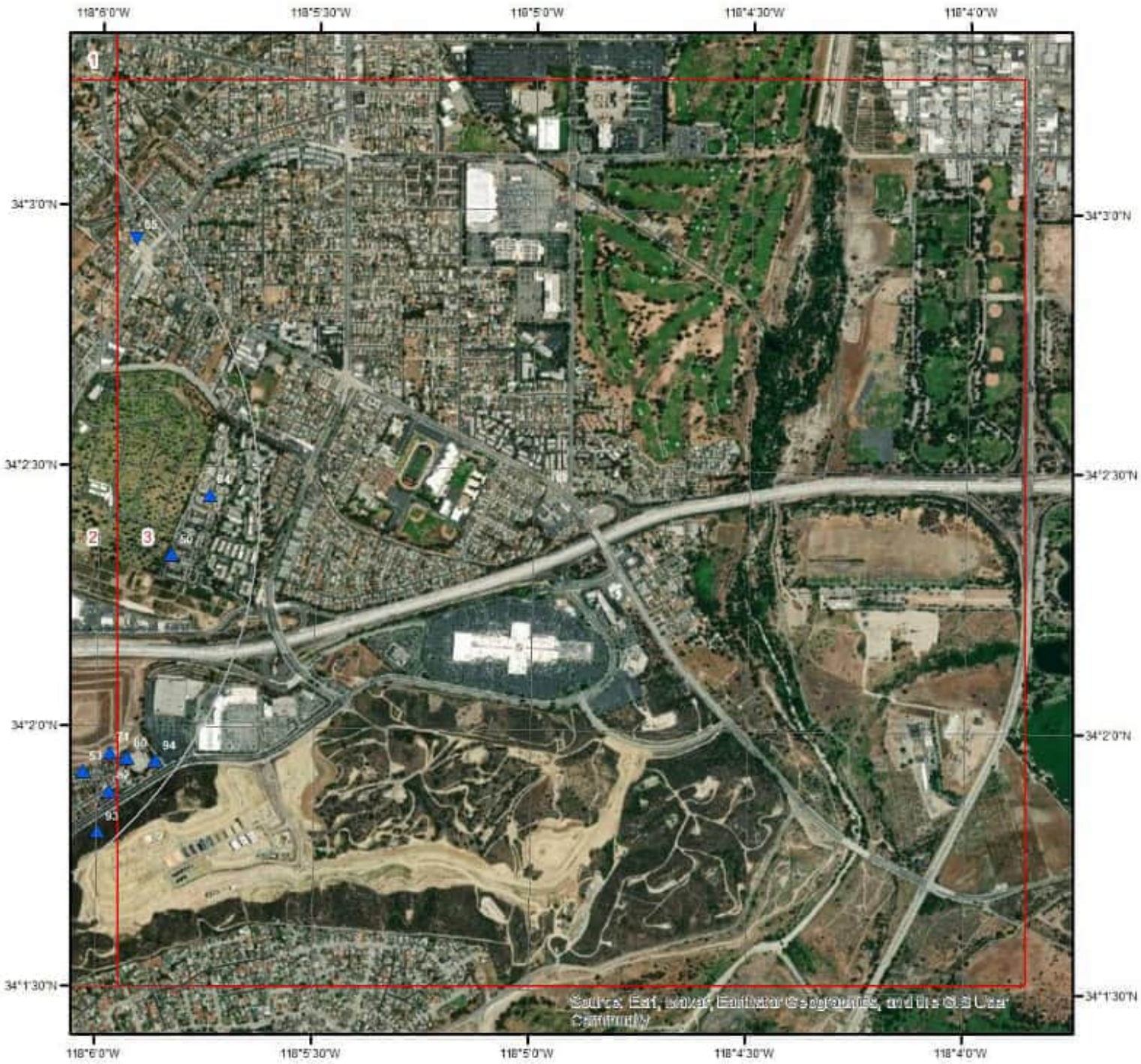
Wells & Additional Sources - Page 2

Miles
0 0.15 0.3 0.6

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 3

Miles
0 0.15 0.3 0.6

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	PWS ID	Distance (ft)	Direction
86	CA3600388	5123.62	NE

Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
	No records found		

USGS National Water Information System

Map Key	Site Number	Distance (ft)	Direction
24	USGS-340246118073701	4021.45	WNW
43	USGS-340154118073601	4512.58	SW

Wells from NWIS

Map Key	ID	Distance (ft)	Direction
	No records found		

State Sources

Oil and Gas Wells

Map Key	API No	Distance (ft)	Direction
1	0403720192	0.00	-
5	0403712269	1682.18	S
6	0403705181	1843.52	S
7	0403705799	1893.97	SSW
9	0403705583	1978.89	ESE
10	0403720748	2161.44	ESE
12	0403705702	2705.24	NNW
13	0403706201	2650.05	NE
15	0403720378	3231.20	SW
16	0403712553	3688.77	S
17	0403705700	3459.01	ENE
18	0403711915	3778.99	SSE
19	0403711939	3655.76	SE
20	0403723898	4105.03	SSE
21	0403705157	3971.54	NNW
22	0403705660	4026.28	NNE
23	0403711942	3968.28	SE
25	0403711943	4350.20	SSE
26	0403711940	4147.98	SE
27	0403710852	4066.20	SE
28	0403712268	4261.26	SSE
29	0403705190	4306.04	SSE
30	0403711941	4330.08	SSE

31	0403710854	4195.25	SE
32	0403711945	4481.40	SSE
33	0403710851	4445.88	SSE
34	0403712354	4409.46	SE
35	0403711914	4701.25	SSE
36	0403710849	4676.65	SSE
37	0403712012	4512.23	SW
38	0403711911	4621.82	SSW
39	0403705670	4703.74	N
40	0403721484	4882.44	S
41	0403721485	4882.30	S
42	0403721931	4888.67	S
44	0403700053	4892.92	S
45	0403700550	4897.92	S
46	0403712768	4904.29	SSE
47	0403721150	4909.97	SSE
48	0403700054	4917.73	SSE
49	0403721152	4920.85	SSE
50	0403706000	4303.76	E
51	0403712769	4927.39	SSE
52	0403700055	4931.15	SSE
53	0403710853	4475.97	SE
54	0403721151	4937.76	SSE
55	0403721483	4945.73	SSE
56	0403712772	4954.51	SSE
56	0403712770	4954.51	SSE
57	0403712773	4957.08	SSE
58	0403712774	4963.08	SSE
59	0403700526	4969.20	SSE
60	0403722200	4984.85	SSE
61	0403700056	4987.94	SSE
62	0403712771	4992.99	SSE
63	0403700631	4994.64	SSE
64	0403721482	5002.36	SSE
65	0403721945	5008.02	SSE
66	0403721972	5015.02	SSE
67	0403721973	5016.05	SSE
68	0403722199	5022.43	SSE
69	0403700057	5026.14	SSE
70	0403710856	4944.16	SSE
71	0403711944	4563.42	ESE
72	0403712067	4705.84	SE
73	0403710779	5002.37	SSE
74	0403721919	5134.45	SSE
75	0403721918	5136.82	SSE
76	0403721917	5142.48	SSE
77	0403712593	5111.69	SSE
78	0403721916	5207.60	SSE
79	0403710861	5005.86	SSE
80	0403710850	4754.19	ESE
81	0403712372	4999.75	SE
82	0403710827	4849.95	SE
83	0403712557	5243.11	SSE
84	0403720701	4702.96	E
85	0403705269	4922.16	ENE
89	0403710855	5279.75	SSE
92	0403710864	5204.54	SE
93	0403712066	5095.93	SE
94	0403710818	5043.48	ESE

Periodic Groundwater Level Measurement Locations

Map Key	ID	Distance (ft)	Direction
	No records found		

Wells and Additional Sources Summary

Well Completion Reports

Map Key	WCR No	Distance (ft)	Direction
2	WCR2021-009129	1060.11	SE
3	WCR1987-012192	942.75	E
3	WCR2001-011729	942.75	E
3	WCR2008-009525	942.75	E
3	WCR2008-009528	942.75	E
3	WCR1949-000490	942.75	E
3	WCR2008-009530	942.75	E
3	WCR2008-009527	942.75	E
3	WCR2008-009529	942.75	E
3	WCR2008-009524	942.75	E
3	WCR2008-009526	942.75	E
4	WCR2020-004580	1477.24	SSW
8	WCR2019-005426	2201.09	SE
11	WCR2019-005415	2568.89	SE
14	WCR0230147	2683.23	W
14	WCR2006-009368	2683.23	W
14	WCR1962-001730	2683.23	W
14	WCR1959-001528	2683.23	W
14	WCR2006-011443	2683.23	W
14	WCR0145365	2683.23	W
14	WCR2006-009366	2683.23	W
14	WCR1995-009648	2683.23	W
14	WCR2006-009449	2683.23	W
14	WCR1962-001682	2683.23	W
14	WCR1959-001529	2683.23	W
14	WCR2006-009450	2683.23	W
14	WCR2006-009367	2683.23	W
14	WCR2013-010360	2683.23	W
14	WCR1961-001827	2683.23	W
87	WCR2020-013473	4940.99	WSW
88	WCR2020-013474	4938.12	WSW
90	WCR2020-013469	4980.23	WSW
91	WCR2020-013471	5012.76	WSW
95	WCR2016-006286	5277.32	WSW

Public Water Systems Violations and Enforcement Data

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
86	NE	0.97	5,123.62	363.00	PWSV

Address Line 2:
State Code: CA
Zip Code: 91770
City Name: ROSEMEAD
Address Line 1: 2025 LERIDA PLACE
PWS ID: CA3600388
PWS Type Code: CWS
PWS Type Description: Community Water System
Primary Source Code: GW
Primary Source Desc: Groundwater
PWS Activity Code: A
PWS Activity Description: Active
PWS Deactivation Date:
Phone Number: 626-307-8897

--Details--
Population Served Count: 130
City Served:
County Served: San Bernardino
State Served: CA
Zip Code Served:

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	WNW	0.76	4,021.45	363.85	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-340246118073701
Station Name: 001S012W34C005S
Site Type: Well
Latitude: 34.04612240000000
Longitude: -118.1278477000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

43	SW	0.85	4,512.58	252.21	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-340154118073601
Station Name: 002S012W03C001S
Site Type: Well
Latitude: 34.03167855000000
Longitude: -118.1275698000000
Date Drilled:
Well Depth: 646
Well Depth Unit: ft
Well Hole Depth: 646
W Hole Depth Unit: ft
Formation Type:

Oil and Gas Wells

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	-	0.00	0.00	353.15	OGW

API No:	0403720192	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	00894
Well No:	1	Operator Name:	Bradford Bishop
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Monterey Park	Section:	35
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03974533
Confidential:		Long83:	-118.11500549
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		

Wells and Additional Sources Detail Report

URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	S	0.32	1,682.18	304.28	OGW

API No:	0403712269	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	00607
Well No:	3	Operator Name:	Baldwin-Stocker Oil Estates
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Lease by Baldwin-Stocker Oil Estates	Section:	35
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03476715
Confidential:		Long83:	-118.11487579
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	S	0.35	1,843.52	302.18	OGW

API No:	0403705181	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	A4525
Well No:	1	Operator Name:	Atlantic Richfield Company
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	

Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Tri City	Section:	35
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03427505
Confidential:		Long83:	-118.1155014
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	SSW	0.36	1,893.97	295.15	OGW

API No:	0403705799	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	07231
Well No:	1	Operator Name:	Repetto Hills Petro. Corp.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Lease by Repetto Hills Petro. Corp.	Section:	34
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.0343895
Confidential:		Long83:	-118.11763763
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			

Location:
Source83 Desc: Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps
URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	ESE	0.37	1,978.89	404.10	OGW

API No:	0403705583	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	05381
Well No:	1	Operator Name:	Lodico Oil Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	North Montebello	Section:	35
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03805923
Confidential:		Long83:	-118.10527039
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			

Location:
Source83 Desc: Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps
URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	ESE	0.41	2,161.44	394.16	OGW

API No:	0403720748	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	02122
Well No:	1	Operator Name:	Delta Petro. Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern

Wells and Additional Sources Detail Report

Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Wheeler	Section:	35
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03791046
Confidential:		Long83:	-118.10469055
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	NNW	0.51	2,705.24	575.47	OGW

API No:	0403705702	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	06041
Well No:	1	Operator Name:	Monte Cristo Petro. Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Ramsey, Bass & Goodknight Garv	Section:	27
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.04865265
Confidential:		Long83:	-118.11737823
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud

Hydr Fractured:
Location:
Source83 Desc: Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps
URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	NE	0.50	2,650.05	478.72	OGW

API No:	0403706201	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	U0200
Well No:	1	Operator Name:	Union Oil Company of California
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Valley View	Section:	35
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.04610443
Confidential:		Long83:	-118.10580444
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud

Hydr Fractured:
Location:
Source83 Desc: Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps
URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	SW	0.61	3,231.20	275.95	OGW

API No:	0403720378	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	00894
Well No:	1	Operator Name:	Bradford Bishop
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	

Wells and Additional Sources Detail Report

Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Bishop-MPL	Section:	03
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.0319252
Confidential:		Long83:	-118.1215744
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	S	0.70	3,688.77	498.04	OGW

API No:	0403712553	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	09546
Well No:	2	Operator Name:	Continental Development of Calif., Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Monterey	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02981949
Confidential:		Long83:	-118.11151123
Confidential Well:	No	Base Meridian:	SB

Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	ENE	0.66	3,459.01	382.34	OGW

API No:	0403705700	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	07269
Well No:	1	Operator Name:	Rice Ranch Oil Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Lease by Rice Ranch Oil Co.	Section:	35
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.0459137
Confidential:		Long83:	-118.10197449
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	SSE	0.72	3,778.99	558.83	OGW

API No:	0403711915	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	2	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	

Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Stocker-Merced	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03075027
Confidential:		Long83:	-118.10619354
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	SE	0.69	3,655.76	556.80	OGW

API No:	0403711939	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	1	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Wheeler	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03290558
Confidential:		Long83:	-118.10301971

Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	SSE	0.78	4,105.03	491.85	OGW

API No:	0403723898	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	09546
Well No:	1	Operator Name:	Continental Development of Calif., Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Monterey	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.028862
Confidential:		Long83:	-118.11054993
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	NNW	0.75	3,971.54	543.69	OGW

API No:	0403705157	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	A4525

Wells and Additional Sources Detail Report

Well No:	1	Operator Name:	Atlantic Richfield Company
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Garvey Hills	Section:	27
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.05126572
Confidential:		Long83:	-118.12050629
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	NNE	0.76	4,026.28	468.13	OGW

API No:	0403705660	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	03200
Well No:	1	Operator Name:	G. Everett Miller
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Garvey Hills South Unit	Section:	26
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	

Dryhole:		Lat83:	34.05151749
Confidential:		Long83:	-118.10749817
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	SE	0.75	3,968.28	528.16	OGW

API No:	0403711942	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	5	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	WF	District:	Southern
Well Type Desc:	WF	Geo District:	
Well Symbol:	PluggedWF	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Main
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Wheeler	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03094864
Confidential:		Long83:	-118.10440826
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	SSE	0.82	4,350.20	473.82	OGW

API No:	0403711943	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	

Wells and Additional Sources Detail Report

OID:		Operator Code:	C5640
Well No:	6	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Wheeler	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02846527
Confidential:		Long83:	-118.10871887
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	SE	0.79	4,147.98	510.14	OGW

API No:	0403711940	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	3	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Wheeler	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	

Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03005981
Confidential:		Long83:	-118.10510254
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	SE	0.77	4,066.20	483.87	OGW

API No:	0403710852	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	135	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03099823
Confidential:		Long83:	-118.10372162
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	SSE	0.81	4,261.26	549.03	OGW

API No:	0403712268	Directional:	
All Well Key:		BLM Well:	

Wells and Additional Sources Detail Report

OP Well ID:		EPA Well:	
OID:		Operator Code:	00607
Well No:	2	Operator Name:	Baldwin-Stocker Oil Estates
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Lease by Baldwin-Stocker Oil Estates	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02944565
Confidential:		Long83:	-118.10580444
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	SSE	0.82	4,306.04	546.32	OGW

API No:	0403705190	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	00607
Well No:	1	Operator Name:	Baldwin-Stocker Oil Estates
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Lease by Baldwin-Stocker Oil Estates	Section:	35
Elevation:		Township:	01S
Total Depth:		Range:	12W

Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02931213
Confidential:		Long83:	-118.10580444
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	SSE	0.82	4,330.08	536.76	OGW

API No:	0403711941	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	4	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Wheeler	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02915573
Confidential:		Long83:	-118.10605621
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	SE	0.79	4,195.25	477.82	OGW

API No:	0403710854	Directional:	

Wells and Additional Sources Detail Report

All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	137	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03152847
Confidential:		Long83:	-118.10219574
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	SSE	0.85	4,481.40	528.95	OGW

API No:	0403711945	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	102	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Wheeler	Section:	02
Elevation:		Township:	02S

Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02853012
Confidential:		Long83:	-118.10666656
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SSE	0.84	4,445.88	530.83	OGW

API No:	0403710851	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	134	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02910614
Confidential:		Long83:	-118.10521698
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	SE	0.84	4,409.46	483.35	OGW

Wells and Additional Sources Detail Report

API No:	0403712354	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	4	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02984619
Confidential:		Long83:	-118.10378265
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
35	SSE	0.89	4,701.25	516.20	OGW

API No:	0403711914	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	1	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Stocker-Merced	Section:	02

Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02768707
Confidential:		Long83:	-118.1075592
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
36	SSE	0.89	4,676.65	535.38	OGW

API No:	0403710849	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	132	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02806854
Confidential:		Long83:	-118.10629272
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
37	SW	0.85	4,512.23	307.47	OGW

Wells and Additional Sources Detail Report

API No:	0403712012	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	04246
Well No:	1	Operator Name:	Interstate Oil Corp.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Lease by Interstate Oil Corp.	Section:	03
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02984238
Confidential:		Long83:	-118.12528229
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	SSW	0.88	4,621.82	369.86	OGW

API No:	0403711911	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	1	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles

Wells and Additional Sources Detail Report

Lease Name:	M.P.L. 2	Section:	03
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02687073
Confidential:		Long83:	-118.11862183
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
39	N	0.89	4,703.74	436.96	OGW

API No:	0403705670	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	M6900
Well No:	1	Operator Name:	Mobil Oil Corporation
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Garvey	Section:	26
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.05454636
Confidential:		Long83:	-118.11214447
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	S	0.92	4,882.44	376.96	OGW

API No:	0403721484	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	21- 2	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02654648
Confidential:		Long83:	-118.11083221
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:			
Location:			
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
41	S	0.92	4,882.30	377.60	OGW

API No:	0403721485	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	22- 1	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West

Wells and Additional Sources Detail Report

Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02653885
Confidential:		Long83:	-118.11086273
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:			
Location:			
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
42	S	0.93	4,888.67	376.96	OGW

API No:	0403721931	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	23-3	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02654266
Confidential:		Long83:	-118.11077881
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:			
Location:			
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
44	S	0.93	4,892.92	377.18	OGW

API No:	0403700053	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	6-4	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02654266
Confidential:		Long83:	-118.11073303
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	GPS
Hydr Fractured:			
Location:			
Source83 Desc:	Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	S	0.93	4,897.92	377.18	OGW

API No:	0403700550	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	7-5	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	

Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02654266
Confidential:		Long83:	-118.11067963
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:			
Location:			
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
46	SSE	0.93	4,904.29	377.43	OGW

API No:	0403712768	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	1-6	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02653885
Confidential:		Long83:	-118.11062622
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:			
Location:			
Source83 Desc:	WELL SUMMARY		
URL:			

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SSE	0.93	4,909.97	377.43	OGW

API No:	0403721150	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	18- 7	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02653503
Confidential:		Long83:	-118.11058044
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	Well Summary
Hydr Fractured:			
Location:			
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
48	SSE	0.93	4,917.73	377.68	OGW

API No:	0403700054	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	8-8	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello

Wells and Additional Sources Detail Report

Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.0265274
Confidential:		Long83:	-118.11052704
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	GPS
Hydr Fractured:			
Location:			
Source83 Desc:	Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	SSE	0.93	4,920.85	377.68	OGW

API No:	0403721152	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	17- 9	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02653122
Confidential:		Long83:	-118.11048126
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:			
Location:			
Source83 Desc:	WELL SUMMARY		

Wells and Additional Sources Detail Report

URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
50	E	0.82	4,303.76	461.45	OGW

API No:	0403706000	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	3	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Stocker-Merced	Section:	36
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03883362
Confidential:		Long83:	-118.09712982
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
51	SSE	0.93	4,927.39	378.10	OGW

API No:	0403712769	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	2-10	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	

Wells and Additional Sources Detail Report

Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.0265274
Confidential:		Long83:	-118.11042786
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:			
Location:			
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
52	SSE	0.93	4,931.15	378.10	OGW

API No:	0403700055	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	9-11	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.0265274
Confidential:		Long83:	-118.11038971
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:			
Location:			

Source83 Desc: WELL SUMMARY
URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
53	SE	0.85	4,475.97	497.76	OGW

API No:	0403710853	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	136	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03186035
Confidential:		Long83:	-118.10044861
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
54	SSE	0.94	4,937.76	378.27	OGW

API No:	0403721151	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	16-12	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	GS	District:	Southern
Well Type Desc:	GS	Geo District:	

Well Symbol:	IdleGS	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02652359
Confidential:		Long83:	-118.1103363
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	GPS
Hydr Fractured:			
Location:			
Source83 Desc:	Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
55	SSE	0.94	4,945.73	378.27	OGW

API No:	0403721483	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	20-13	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	WF	District:	Southern
Well Type Desc:	WF	Geo District:	
Well Symbol:	IdleWF	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02651596
Confidential:		Long83:	-118.1102829
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:			

Wells and Additional Sources Detail Report

Location:
Source83 Desc: WELL SUMMARY
URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	SSE	0.94	4,954.51	377.95	OGW

API No:	0403712772	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	5-14	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02650833
Confidential:		Long83:	-118.11022186
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:			

Location:
Source83 Desc: WELL SUMMARY
URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	SSE	0.94	4,954.51	377.95	OGW

API No:	0403712770	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	3-18	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern

Wells and Additional Sources Detail Report

Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02650833
Confidential:		Long83:	-118.11022186
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	Well Summary
Hydr Fractured:			
Location:			
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
57	SSE	0.94	4,957.08	377.49	OGW

API No:	0403712773	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	10-15	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02651215
Confidential:		Long83:	-118.11018372
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary

Hydr Fractured:
Location:
Source83 Desc: WELL SUMMARY
URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
58	SSE	0.94	4,963.08	377.49	OGW

API No:	0403712774	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	11-16	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02650833
Confidential:		Long83:	-118.11013794
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:			
Location:			
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	SSE	0.94	4,969.20	377.41	OGW

API No:	0403700526	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	12-17	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	

Wells and Additional Sources Detail Report

Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02650452
Confidential:		Long83:	-118.11008453
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	GPS
Hydr Fractured:			
Location:			
Source83 Desc:	Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSE	0.94	4,984.85	377.74	OGW

API No:	0403722200	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	28-19	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02649689
Confidential:		Long83:	-118.10992432
Confidential Well:	No	Base Meridian:	SB

Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:			
Location:			
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
61	SSE	0.94	4,987.94	378.37	OGW

API No:	0403700056	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	13-20	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02649689
Confidential:		Long83:	-118.10988617
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:			
Location:			
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
62	SSE	0.95	4,992.99	378.37	OGW

API No:	0403712771	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	4-21	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	

Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02649307
Confidential:		Long83:	-118.10984039
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:			
Location:			
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	SSE	0.95	4,994.64	379.07	OGW

API No:	0403700631	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	14-22	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.0265007
Confidential:		Long83:	-118.10978699

Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:			
Location:			
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
64	SSE	0.95	5,002.36	379.07	OGW

API No:	0403721482	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	19-23	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02648926
Confidential:		Long83:	-118.10974121
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	GPS
Hydr Fractured:			
Location:			
Source83 Desc:	Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
65	SSE	0.95	5,008.02	379.61	OGW

API No:	0403721945	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	24-24	Operator Name:	Southern California Gas Company

Wells and Additional Sources Detail Report

Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02648544
Confidential:		Long83:	-118.10968781
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	GPS
Hydr Fractured:			
Location:			
Source83 Desc:	Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
66	SSE	0.95	5,015.02	377.50	OGW

API No:	0403721972	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	25-25	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02647781

Confidential:		Long83:	-118.1096344
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:			
Location:			
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	SSE	0.95	5,016.05	380.14	OGW

API No:	0403721973	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	26-26	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02648544
Confidential:		Long83:	-118.10958862
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:			
Location:			
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	SSE	0.95	5,022.43	378.56	OGW

API No:	0403722199	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700

Wells and Additional Sources Detail Report

Well No:	27-27	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02647781
Confidential:		Long83:	-118.10954285
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:			
Location:			
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
69	SSE	0.95	5,026.14	380.36	OGW

API No:	0403700057	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	15-28	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	

Dryhole:		Lat83:	34.02647781
Confidential:		Long83:	-118.10949707
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:			
Location:			
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
70	SSE	0.94	4,944.16	527.74	OGW

API No:	0403710856	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	140	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02709579
Confidential:		Long83:	-118.10710144
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
71	ESE	0.86	4,563.42	534.51	OGW

API No:	0403711944	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	

Wells and Additional Sources Detail Report

OID:		Operator Code:	C5640
Well No:	101	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Wheeler	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03246689
Confidential:		Long83:	-118.09944153
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
72	SE	0.89	4,705.84	410.37	OGW

API No:	0403712067	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	49	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	

Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02993393
Confidential:		Long83:	-118.10188293
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.95	5,002.37	494.11	OGW

API No:	0403710779	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	60	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02696609
Confidential:		Long83:	-118.10694122
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	SSE	0.97	5,134.45	375.10	OGW

API No:	0403721919	Directional:	
All Well Key:		BLM Well:	

Wells and Additional Sources Detail Report

OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	OC	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02612305
Confidential:		Long83:	-118.10969543
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:			
Location:			
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
75	SSE	0.97	5,136.82	375.10	OGW

API No:	0403721918	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	OB	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OB	District:	Southern
Well Type Desc:	OB	Geo District:	
Well Symbol:	IdleOB	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W

Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02612686
Confidential:		Long83:	-118.10964966
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:			
Location:			
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
76	SSE	0.97	5,142.48	377.63	OGW

API No:	0403721917	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	OA	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OB	District:	Southern
Well Type Desc:	OB	Geo District:	
Well Symbol:	IdleOB	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02612305
Confidential:		Long83:	-118.10959625
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	GPS
Hydr Fractured:			
Location:			
Source83 Desc:	Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
77	SSE	0.97	5,111.69	448.28	OGW

API No:	0403712593	Directional:	

Wells and Additional Sources Detail Report

All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	09546
Well No:	46	Operator Name:	Continental Development of Calif., Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Monterey	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02651596
Confidential:		Long83:	-118.10762024
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
78	SSE	0.99	5,207.60	372.72	OGW

API No:	0403721916	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	OWW-1	Operator Name:	Southern California Gas Company
Well Status:	Active	Operator St:	
Well Stat Desc:	Active	County APIC:	
Well Type:	OB	District:	Southern
Well Type Desc:	OB	Geo District:	
Well Symbol:	ActiveOB	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Drillsite	Section:	02
Elevation:		Township:	02S

Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.0259285
Confidential:		Long83:	-118.1096344
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	GPS
Hydr Fractured:			
Location:			
Source83 Desc:	Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
79	SSE	0.95	5,005.86	448.17	OGW

API No:	0403710861	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	146	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02766418
Confidential:		Long83:	-118.10456085
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
80	ESE	0.90	4,754.19	569.85	OGW

Wells and Additional Sources Detail Report

API No:	0403710850	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	133	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	01
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03230667
Confidential:		Long83:	-118.09879303
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
81	SE	0.95	4,999.75	446.33	OGW

API No:	0403712372	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	21	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02

Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02840042
Confidential:		Long83:	-118.10289001
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
82	SE	0.92	4,849.95	505.94	OGW

API No:	0403710827	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	107	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03124619
Confidential:		Long83:	-118.09944916
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	SSE	0.99	5,243.11	409.31	OGW

API No:	0403712557	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	09546
Well No:	6	Operator Name:	Continental Development of Calif., Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Monterey	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02619934
Confidential:		Long83:	-118.10733795
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
84	E	0.89	4,702.96	420.11	OGW

API No:	0403720701	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	01615
Well No:	1	Operator Name:	Cities Service Oil Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles

Wells and Additional Sources Detail Report

Lease Name:	Resurrection Cemetery	Section:	36
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.0407486
Confidential:		Long83:	-118.09571075
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
85	ENE	0.93	4,922.16	365.93	OGW

API No:	0403705269	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	01458
Well No:	1	Operator Name:	Celito Oil Corp., Ltd.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Jepson	Section:	25
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.04889297
Confidential:		Long83:	-118.09862518
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
89	SSE	1.00	5,279.75	502.78	OGW

API No:	0403710855	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	139	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02641678
Confidential:		Long83:	-118.1059494
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
92	SE	0.99	5,204.54	377.78	OGW

API No:	0403710864	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	149	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area

Wells and Additional Sources Detail Report

Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02762604
Confidential:		Long83:	-118.10316467
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
93	SE	0.97	5,095.93	456.06	OGW

API No:	0403712066	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S2641
Well No:	48	Operator Name:	Sentinel Peak Resources California LLC
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02993393
Confidential:		Long83:	-118.0998764
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
94	ESE	0.96	5,043.48	567.00	OGW

API No:	0403710818	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	98	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	OG	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	01
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03221512
Confidential:		Long83:	-118.09768677
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:			
Location:			
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	SE	0.20	1,060.11	332.96	WATER WELLS

WCR No:	WCR2021-009129	Decimal Lat(OSWCR):	34.03741
Decimal Latitude:	34.03741	Decim Long(OSWCR):	-118.11041
Decimal Longitude:	-118.11041		
Location:	700 Petrero Grande		
City:	Monterey Park		
County:	Los Angeles		
Location(OSWCR):	700 Petrero Grande		
City(OSWCR):	Monterey Park		
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.18	942.75	378.10	WATER WELLS

WCR No:	WCR1987-012192	Decimal Lat(OSWCR):	34.04069
Decimal Latitude:	34.04069	Decim Long(OSWCR):	-118.10815
Decimal Longitude:	-118.10815		
Location:			
City:	Monterey Park		
County:	Los Angeles		
Location(OSWCR):			
City(OSWCR):	Monterey Park		
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.18	942.75	378.10	WATER WELLS

WCR No:	WCR2001-011729	Decimal Lat(OSWCR):	34.04069
Decimal Latitude:	34.04069	Decim Long(OSWCR):	-118.10815
Decimal Longitude:	-118.10815		
Location:			
City:			
County:	Los Angeles		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.18	942.75	378.10	WATER WELLS

WCR No:	WCR2008-009525	Decimal Lat(OSWCR):	34.04069
Decimal Latitude:	34.04069	Decim Long(OSWCR):	-118.10815
Decimal Longitude:	-118.10815		
Location:	2550 Greenwood Avenue		
City:	Monterey Park		
County:	Los Angeles		
Location(OSWCR):	2550 Greenwood Avenue		
City(OSWCR):	Monterey Park		
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.18	942.75	378.10	WATER WELLS

WCR No:	WCR2008-009528	Decimal Lat(OSWCR):	34.04069
Decimal Latitude:	34.04069	Decim Long(OSWCR):	-118.10815
Decimal Longitude:	-118.10815		
Location:	2550 Greenwood Avenue		
City:	Monterey Park		
County:	Los Angeles		
Location(OSWCR):	2550 Greenwood Avenue		
City(OSWCR):	Monterey Park		
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.18	942.75	378.10	WATER WELLS

WCR No:	WCR1949-000490	Decimal Lat(OSWCR):	34.04069
Decimal Latitude:	34.04069	Decim Long(OSWCR):	-118.10815
Decimal Longitude:	-118.10815		
Location:	POTRERO GRANDE DR, WILCOX AVE, POMONA BL		
City:			
County:	Los Angeles		
Location(OSWCR):	POTRERO GRANDE DR, WILCOX AVE, POMONA BL		
City(OSWCR):			
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.18	942.75	378.10	WATER WELLS

WCR No:	WCR2008-009530	Decimal Lat(OSWCR):	34.04069
Decimal Latitude:	34.04069	Decim Long(OSWCR):	-118.10815
Decimal Longitude:	-118.10815		
Location:	2550 Greenwood Avenue		
City:	Monterey Park		
County:	Los Angeles		
Location(OSWCR):	2550 Greenwood Avenue		
City(OSWCR):	Monterey Park		
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.18	942.75	378.10	WATER WELLS

Wells and Additional Sources Detail Report

WCR No:	WCR2008-009527	Decimal Lat(OSWCR):	34.04069
Decimal Latitude:	34.04069	Decim Long(OSWCR):	-118.10815
Decimal Longitude:	-118.10815		
Location:	2550 Greenwood Avenue		
City:	Monterey Park		
County:	Los Angeles		
Location(OSWCR):	2550 Greenwood Avenue		
City(OSWCR):	Monterey Park		
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.18	942.75	378.10	WATER WELLS

WCR No:	WCR2008-009529	Decimal Lat(OSWCR):	34.04069
Decimal Latitude:	34.04069	Decim Long(OSWCR):	-118.10815
Decimal Longitude:	-118.10815		
Location:	2550 Greenwood Avenue		
City:	Monterey Park		
County:	Los Angeles		
Location(OSWCR):	2550 Greenwood Avenue		
City(OSWCR):	Monterey Park		
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.18	942.75	378.10	WATER WELLS

WCR No:	WCR2008-009524	Decimal Lat(OSWCR):	34.04069
Decimal Latitude:	34.04069	Decim Long(OSWCR):	-118.10815
Decimal Longitude:	-118.10815		
Location:	2550 Greenwood Avenue		
City:	Monterey Park		
County:	Los Angeles		
Location(OSWCR):	2550 Greenwood Avenue		
City(OSWCR):	Monterey Park		
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.18	942.75	378.10	WATER WELLS

WCR No:	WCR2008-009526	Decimal Lat(OSWCR):	34.04069
Decimal Latitude:	34.04069	Decim Long(OSWCR):	-118.10815
Decimal Longitude:	-118.10815		
Location:	2550 Greenwood Avenue		
City:	Monterey Park		
County:	Los Angeles		
Location(OSWCR):	2550 Greenwood Avenue		
City(OSWCR):	Monterey Park		
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	SSW	0.28	1,477.24	317.94	WATER WELLS

WCR No:	WCR2020-004580	Decimal Lat(OSWCR):	34.035334
Decimal Latitude:	34.035334	Decim Long(OSWCR):	-118.116501
Decimal Longitude:	-118.116501		
Location:	700 Potrero Grande DR		
City:	Monterey Park		
County:	Los Angeles		
Location(OSWCR):	700 Potrero Grande DR		
City(OSWCR):	Monterey Park		
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	SE	0.42	2,201.09	374.48	WATER WELLS

WCR No:	WCR2019-005426	Decimal Lat(OSWCR):	34.034739
Decimal Latitude:	34.034739	Decim Long(OSWCR):	-118.108242
Decimal Longitude:	-118.108242		
Location:	2550 Greenwood AVE		
City:	Monterey Park		
County:	Los Angeles		
Location(OSWCR):	2550 Greenwood AVE		
City(OSWCR):	Monterey Park		
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	SE	0.49	2,568.89	385.19	WATER WELLS

WCR No:	WCR2019-005415	Decimal Lat(OSWCR):	34.033667
Decimal Latitude:	34.033667	Decim Long(OSWCR):	-118.108165

Decimal Longitude: -118.108165
Location: 2550 Greenwood AVE
City: Monterey Park
County: Los Angeles
Location(OSWCR): 2550 Greenwood AVE
City(OSWCR): Monterey Park
County(OSWCR): Los Angeles
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	W	0.51	2,683.23	317.28	WATER WELLS

WCR No: WCR0230147
Decimal Latitude: 34.04063
Decimal Longitude: -118.12552
Location:
City:
County: Los Angeles
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports
Decimal Lat(OSWCR): 34.04063
Decim Long(OSWCR): -118.12552

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	W	0.51	2,683.23	317.28	WATER WELLS

WCR No: WCR2006-009368
Decimal Latitude: 34.04063
Decimal Longitude: -118.12552
Location: 430 Potrero Grande Drive
City: Monterey Park
County: Los Angeles
Location(OSWCR): 430 Potrero Grande Drive
City(OSWCR): Monterey Park
County(OSWCR): Los Angeles
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports
Decimal Lat(OSWCR): 34.04063
Decim Long(OSWCR): -118.12552

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	W	0.51	2,683.23	317.28	WATER WELLS

WCR No: WCR1962-001730
Decimal Latitude: 34.04063
Decimal Longitude: -118.12552
Location: KELLER ST, GARFIELD AVE
Decimal Lat(OSWCR): 34.04063
Decim Long(OSWCR): -118.12552

City:
County: Los Angeles
Location(OSWCR): KELLER ST, GARFIELD AVE
City(OSWCR):
County(OSWCR): Los Angeles
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	W	0.51	2,683.23	317.28	WATER WELLS

WCR No: WCR1959-001528
Decimal Lat(OSWCR): 34.04063
Decimal Latitude: 34.04063
Decim Long(OSWCR): -118.12552
Decimal Longitude: -118.12552
Location: FULTON ST
City: Monterey Park
County: Los Angeles
Location(OSWCR): FULTON ST
City(OSWCR): Monterey Park
County(OSWCR): Los Angeles
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	W	0.51	2,683.23	317.28	WATER WELLS

WCR No: WCR2006-011443
Decimal Lat(OSWCR): 34.04063
Decimal Latitude: 34.04063
Decim Long(OSWCR): -118.12552
Decimal Longitude: -118.12552
Location: 2219 S Garfield Avenue
City: Monterey Park
County: Los Angeles
Location(OSWCR): 2219 S Garfield Avenue
City(OSWCR): Monterey Park
County(OSWCR): Los Angeles
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	W	0.51	2,683.23	317.28	WATER WELLS

WCR No: WCR0145365
Decimal Lat(OSWCR): 34.04063
Decimal Latitude: 34.04063
Decim Long(OSWCR): -118.12552
Decimal Longitude: -118.12552
Location:
City:
County: Los Angeles

Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	W	0.51	2,683.23	317.28	WATER WELLS

WCR No: WCR2006-009366
Decimal Lat(OSWCR): 34.04063
Decimal Latitude: 34.04063
Decim Long(OSWCR): -118.12552
Decimal Longitude: -118.12552
Location: 430 Potrero Grande Drive
City: Monterey Park
County: Los Angeles
Location(OSWCR): 430 Potrero Grande Drive
City(OSWCR): Monterey Park
County(OSWCR): Los Angeles
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	W	0.51	2,683.23	317.28	WATER WELLS

WCR No: WCR1995-009648
Decimal Lat(OSWCR): 34.04063
Decimal Latitude: 34.04063
Decim Long(OSWCR): -118.12552
Decimal Longitude: -118.12552
Location: 1105 N SANTA ANITA AVE
City: South El Monte
County: Los Angeles
Location(OSWCR): 1105 N SANTA ANITA AVE
City(OSWCR): South El Monte
County(OSWCR): Los Angeles
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	W	0.51	2,683.23	317.28	WATER WELLS

WCR No: WCR2006-009449
Decimal Lat(OSWCR): 34.04063
Decimal Latitude: 34.04063
Decim Long(OSWCR): -118.12552
Decimal Longitude: -118.12552
Location: 430 Potrero Grande Drive
City: Monterey Park
County: Los Angeles
Location(OSWCR): 430 Potrero Grande Drive
City(OSWCR): Monterey Park

County(OSWCR): Los Angeles
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	W	0.51	2,683.23	317.28	WATER WELLS

WCR No: WCR1962-001682
Decimal Lat(OSWCR): 34.04063
Decimal Latitude: 34.04063
Decim Long(OSWCR): -118.12552
Decimal Longitude: -118.12552
Location: GARFIELD, KELLER ST
City: Monterey Park
County: Los Angeles
Location(OSWCR): GARFIELD, KELLER ST
City(OSWCR): Monterey Park
County(OSWCR): Los Angeles
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	W	0.51	2,683.23	317.28	WATER WELLS

WCR No: WCR1959-001529
Decimal Lat(OSWCR): 34.04063
Decimal Latitude: 34.04063
Decim Long(OSWCR): -118.12552
Decimal Longitude: -118.12552
Location: KELLER, WILCOX ST
City:
County: Los Angeles
Location(OSWCR): KELLER, WILCOX ST
City(OSWCR):
County(OSWCR): Los Angeles
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	W	0.51	2,683.23	317.28	WATER WELLS

WCR No: WCR2006-009450
Decimal Lat(OSWCR): 34.04063
Decimal Latitude: 34.04063
Decim Long(OSWCR): -118.12552
Decimal Longitude: -118.12552
Location: 430 Potrero Grande Drive
City: Monterey Park
County: Los Angeles
Location(OSWCR): 430 Potrero Grande Drive
City(OSWCR): Monterey Park
County(OSWCR): Los Angeles
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	W	0.51	2,683.23	317.28	WATER WELLS

WCR No:	WCR2006-009367	Decimal Lat(OSWCR):	34.04063
Decimal Latitude:	34.04063	Decim Long(OSWCR):	-118.12552
Decimal Longitude:	-118.12552		
Location:	430 Potrero Grande Drive		
City:	Monterey Park		
County:	Los Angeles		
Location(OSWCR):	430 Potrero Grande Drive		
City(OSWCR):	Monterey Park		
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	W	0.51	2,683.23	317.28	WATER WELLS

WCR No:	WCR2013-010360	Decimal Lat(OSWCR):	34.04063
Decimal Latitude:	34.04063	Decim Long(OSWCR):	-118.12552
Decimal Longitude:	-118.12552		
Location:	2219 Garfield Avenue		
City:	Monterey Park		
County:	Los Angeles		
Location(OSWCR):	2219 Garfield Avenue		
City(OSWCR):	Monterey Park		
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	W	0.51	2,683.23	317.28	WATER WELLS

WCR No:	WCR1961-001827	Decimal Lat(OSWCR):	34.04063
Decimal Latitude:	34.04063	Decim Long(OSWCR):	-118.12552
Decimal Longitude:	-118.12552		
Location:	KELLER ST, GARFIELD AVE		
City:	Monterey Park		
County:	Los Angeles		
Location(OSWCR):	KELLER ST, GARFIELD AVE		
City(OSWCR):	Monterey Park		
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
87	WSW	0.94	4,940.99	256.80	WATER WELLS

WCR No:	WCR2020-013473	Decimal Lat(OSWCR):	34.0323947
Decimal Latitude:	34.0323947	Decim Long(OSWCR):	-118.1300773
Decimal Longitude:	-118.1300773		
Location:	897 Garfield AVE		
City:	Montebello		
County:	Los Angeles		
Location(OSWCR):	897 Garfield AVE		
City(OSWCR):	Montebello		
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
88	WSW	0.94	4,938.12	259.23	WATER WELLS

WCR No:	WCR2020-013474	Decimal Lat(OSWCR):	34.0326659
Decimal Latitude:	34.0326659	Decim Long(OSWCR):	-118.1302865
Decimal Longitude:	-118.1302865		
Location:	897 Garfield AVE		
City:	Montebello		
County:	Los Angeles		
Location(OSWCR):	897 Garfield AVE		
City(OSWCR):	Montebello		
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
90	WSW	0.94	4,980.23	257.47	WATER WELLS

WCR No:	WCR2020-013469	Decimal Lat(OSWCR):	34.0324414
Decimal Latitude:	34.0324414	Decim Long(OSWCR):	-118.1302731
Decimal Longitude:	-118.1302731		
Location:	897 Garfield AVE		
City:	Montebello		
County:	Los Angeles		
Location(OSWCR):	897 Garfield AVE		
City(OSWCR):	Montebello		
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

91	WSW	0.95	5,012.76	256.98	WATER WELLS

WCR No:	WCR2020-013471	Decimal Lat(OSWCR):	34.0323614
Decimal Latitude:	34.0323614	Decim Long(OSWCR):	-118.1303375
Decimal Longitude:	-118.1303375		
Location:	897 Garfield AVE		
City:	Montebello		
County:	Los Angeles		
Location(OSWCR):	897 Garfield AVE		
City(OSWCR):	Montebello		
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
95	WSW	1.00	5,277.32	261.66	WATER WELLS

WCR No:	WCR2016-006286	Decimal Lat(OSWCR):	34.032944
Decimal Latitude:	34.032944	Decim Long(OSWCR):	-118.131806
Decimal Longitude:	-118.131806		
Location:	Via Campo and N Garfield Avenue		
City:	Montebello		
County:	Los Angeles		
Location(OSWCR):	Via Campo and N Garfield Avenue		
City(OSWCR):	Montebello		
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *LOS ANGELES* County: **2**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L
Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L
Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for *LOS ANGELES* County

No Measures/Homes:	69
Geometric Mean:	0.4
Arithmetic Mean:	0.7
Median:	0.5
Standard Deviation:	1
Maximum:	5.6
% >4 pCi/L:	1
% >20 pCi/L:	0
Notes on Data Table:	TABLE 1. Screening indoor radon data from the EPA/State Residential Radon Survey of California conducted during 1989-90. Data represent 2-7 day charcoal canister measurements from the lowest level of each home tested.

Appendix

Federal Sources

FEMA National Flood Hazard Layer — **FEMA FLOOD**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data — **INDOOR RADON**

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data — **PWSV**

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level — **RADON ZONE**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS) — **SDWIS**

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

Soil Survey Geographic database — **SSURGO**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

U.S. Fish & Wildlife Service Wetland Data — **US WETLAND**

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

USGS Current Topo — **US TOPO**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology — **US GEOLOGY**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System — **FED USGS**

The U.S. Geological Survey (USGS)'s National Water Information System (NWIS) is the nation's principal repository of water resources data. This database includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data.

Wells from NWIS — **FED USGS**

The U.S. Geological Survey's National Water Information System (NWIS) is the nation's principal repository of water resources data. The NWIS includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIW dataset contains select Site Types from the overall NWIS Sites data, limited to the following Group Site Types only: Groundwater Group Site Types: Well, Collector or Ranney type well, Hyporheic-zone well,

Interconnected Wells, Multiple wells; Spring Group Site Type: Spring; and Other Group Site Types: Aggregate groundwater use, Cistern.

State Sources

Oil and Gas Wells **OGW**

A list of Oil and Gas well locations. This is provided by California's Department of Conservation Division of Oil, Gas and Geothermal Resources.

Periodic Groundwater Level Measurement Locations **MONITOR WELLS**

Locations of groundwater level monitoring wells in the Department of Water Resources (DWR)'s Periodic Groundwater Levels dataset. The DWR Periodic Groundwater Levels dataset contains seasonal and long-term groundwater level measurements collected by the Department of Water Resources and cooperating agencies.

Well Completion Reports **WATER WELLS**

List of wells from the Well Completion Reports data made available by the California Department of Water Resources' (DWR) Online System for Well Completion Reports (OSWCR). Please note that the majority of well completion reports have been spatially registered to the center of the 1x1 mile Public Land Survey System section that the well is located in.

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APPENDIX D: QUALIFICATIONS

PARTNER

Destiny Johnson
Staff Scientist

Education

Bachelor of Science in Environmental Science, Concentration in Atmospheric and Oceanic Sciences, University of California, Los Angeles

Master of Science in Environmental Studies, Concentration in Geosphere Environmental Systems, The University of Tokyo

Highlights

- Phase I Environmental Site Assessments
- Transaction Screen Assessments
- Limited Environmental Site Assessments
- Environmental Desktop Reports

Experience Summary

Ms. Johnson currently holds the role of a Staff Scientist for the Environmental Due Diligence practice at Partner Engineering and Science, Inc. (Partner) and is responsible for carrying out Phase I Environmental Site Assessments for various property types including agricultural properties, residential buildings, commercial office buildings, shopping centers, manufacturing facilities, industrial warehouses, dry cleaning operations, and gasoline service stations. Ms. Johnson is also responsible for writing technical reports in compliance with the American Society of Testing and Materials (ASTM) standard, the US Environmental Protection Agency's All Appropriate Inquiries (AAI) Rule, and customized client formats.

Prior to joining Partner, Ms. Johnson was a MEXT Graduate Research Assistant in the Geosphere Environmental Systems Laboratory at The University of Tokyo. Studying under the supervision of Professor Tomochika Tokunaga, Ms. Johnson performed research and gave conference presentations on the freshwater-saltwater dynamics leading to the brackish spring discharge above sea level occurring at the Shiokawa River in Okinawa, Japan.

Graduate Coursework:

- Remote Sensing, Geographical Information Systems and Analysis: Theory and Application
- Advanced Hydrology
- Sediment Transport in the Hydrosphere
- Fundamentals of Water Pollution Control
- Urban Water Systems
- From SDGs to Climate Change: Implementation Strategies for Adaptation and Mitigation

Contact

djohnson@partneresi.com

PARTNER

Victor Tvedten, Associate AIA, LEED-AP
Senior Project Manager

Education
Lawrence Technological University – Bachelor of Science in Architecture
University of Michigan – Masters in Architecture

Registrations
Associate AIA
LEED Accredited Professional, USGBC
Home Energy Rating System (HERS) Rater
Licensed Asbestos Inspector in State of Michigan
Licensed Radon Measurement Specialist

Training
HUD Multifamily Accelerated Processing (MAP) Project Capital Needs Assessment (PCNA) training
Fannie Mae Property Condition Assessment (PCA) training
ASTM Property Condition Assessment (PCA) training

Highlights
20 years in the Architecture & Engineering Industry with 10 years experience in design and new construction
10 years of experience performing architectural due diligence for a wide range of property types including:
Property Condition Assessments (commercial, office, retail, hospitality, medical, institutional, and industrial)
Capital Needs Assessments (multifamily residential for agencies such as HUD, Fannie Mae, and Freddie Mac)
Experienced in sustainable architecture and green building techniques such as LEED building certification

Experience Summary
Mr. Tvedten is a Senior Project Manager at Partner Engineering and Science, Inc. (Partner) and is responsible for the management of client relationships and project staff during all aspects of the due diligence process.

Mr. Tvedten has extensive experience with an array of architectural due diligence and evaluation services including hundreds of projects encompassing Debt and Equity PCAs, HUD CNAs, HUD Rental Assistance Demonstration (RAD) PCA, Fannie Mae and Freddie Mac PCAs, USDA-RD CNAs, various State Agency CNAs.

Mr. Tvedten has tangential experience with environmental due diligence services including projects such as Phase I Environmental Site Assessments (ESA), asbestos sampling, and radon testing.

Project Experience
Prior to joining Partner, Mr. Tvedten served as a Department Manager of Architectural Consulting Services where he was responsible for maintaining client relations, account management, project team organization, senior report review, accounting, and departmental oversight.

Notable projects Mr. Tvedten has completed include equity PCAs for three iconic skyscrapers in Detroit: One Detroit; One Woodward; and Renaissance Center Towers 500 and 600. Other notable projects include: PCAs of skyscrapers in Chicago including the historic Burnham Center; the historic Fisher Building in Detroit;

the Tampa City Center in Florida; and the Marineland Dolphin Adventure Park in Florida; as well as an energy audit of the Yosemite National Park facilities.

Affiliations

Secretary, U.S. Green Building Council (USGBC) West Michigan Chapter Board of Directors (2011-2014)
Advocacy, U.S. Green Building Council (USGBC) West Michigan Chapter Board of Directors (2010-2011)
U.S. Green Building Council (USGBC) Member

Speaking

Mr. Tvedten gave a keynote on 'Assessing Accessibility' to the Environmental Bankers Association (EBA).

Expert Testimony

Mr. Tvedten has provided expert legal testimony on cases related to architectural risk management.

Contact

vtvedten@partneresi.com

PARTNER

Robert L. Knight, AIA LEED AP
Regional Manager

Education
B.S., Architectural Engineering Technology, University of Cincinnati

Registrations
Registered Architect, Ohio
LEED Accredited Professional, USGBC

Highlights
28 years in the Architectural & Engineering Industry
12 years of experience with equity Property Condition Reports and Assessments
8 years of experience with Freddie Mac and Fannie Mae related projects
Experienced in Construction Risk Management, Construction Phase Services, Master Panning, Owner's Representative Services, Architecture and MEP Design and Consulting, Energy Efficiency Consulting, Sustainable Building Consulting and Research, and Policy Writing.

Experience Summary
Mr. Knight has over 28 years of experience with architectural and engineering solutions for the built environment. His background includes facility assessments, programming, master planning, design, and project/program management. He has provided services and led design and engineering teams for public and private sector clients.

Mr. Knight helps clients refine and achieve their vision by connecting innovative ideas, exceptional talents, and progressive vision grounded in professional solutions. He applies experience and best practices for the Client's specific situation, connecting the talents of over 450 Partner staff throughout the U.S., Canada, and Mexico.

Mr. Knight has delivered successful projects for Commercial Real Estate, Higher Education, Governmental/Institutional and Healthcare clients throughout the U.S. He has a passion for sustainable practices and environmentally friendly processes to deliver projects that exceed the client's expectations.

Project Experience
Prior to joining Partner, Mr. Knight served as Client Relationship Manager and Principal of projects for residential, industrial, institutional, and commercial clients in the private and public sectors. Markets include office/administration, health care, and research, with clients such as Fifth Third Bank, Dow Chemical Company, Eli Lilly, the US Department of Defense, the US Department of Veteran's Affairs, and NASA, among many others.

Mr. Knight has extensive experience performing Facility Condition Assessments and Master Planning. Services include preliminary programming and design services, including budgeting and scope development, asset evaluation and prioritization, growth projects, user surveys and presentations, and existing conditions evaluation.

Mr. Knight has also delivered Construction Risk Management services throughout his 28 years in the industry. Services during construction include site inspections, cost estimating, constructability reviews, bidding administration, addressing contractor questions during construction, processing applications for payment, and project close-out.

Mr. Knight has experience with residential projects ranging from single family buildings, to low-income apartment buildings, to mixed-use facilities. Services included property condition assessments conforming to ASTM's E2018 Standard Guide for PCAs and customized client formats, A/E design and oversight, and Construction Risk Management.

Mr. Knight's experience includes independent oversight of design services performed by others as the Owner's Representative. Oversight includes policy creation, review and comment of design and construction documentation, construction phase services including observation. Forensic services as Owner's Representative also included include evaluation of structural and non-structural pre-failure conditions, Sick Building Syndrome (SBS) consultation, and oversight of sampling for hazardous materials.

For seven years, Mr. Knight was lead architect and Principal-in-Charge of facility assessments for 53 school buildings at twelve school districts totaling over 3,300,000 square feet while contracted to the Ohio School Facilities Commission (OSFC) under the Classroom Facility Assistance Program (CFAP) and Expedited Local Partnership Program (ELPP). In addition for ten years, Mr. Knight has lead master planning/facilitation workshops, teaming sessions, and meetings with the superintendent, design firms, construction manager, union representatives, and OSFC representatives.

Building Technologies Research

2015 – Project Director leading the Development of Cincinnati's first permitted and installed Rainwater Harvesting system.

2013 – Greater Cincinnati Foundation Funded Research Program: Cost Benefit Analysis and Practical Applications for Rainwater Harvesting in the Midwest. Program includes first pilot project using Ohio's draft code language (to be adopted in 2016) and data analytics.

2010 – Greater Cincinnati Foundation Funded Research Program: Harvesting Rainwater for Non-potable Use Inside Buildings. Research determined city, county, and state legal obstacles for applying this sustainable practice. Results included leading the crafting and adoption of City and County language for use of this Technology.

2007 - AIA National Funded Architectural Research Program: Schematic Energy Design Primer. Performed in conjunction with Miami University, Oxford, Ohio, this program characterized the shape and location of openings to determine air motion around and through the building.

Affiliations

American Institute of Architects
United States Green Building Council
University of Cincinnati Commercial Real Estate Roundtable

Speaking

"Applying Rainwater Harvesting to Lower Your Facility's Water Usage." PEDCO High Performance Buildings Seminar, presenter, October, 2014

"Innovative Technologies, Rainwater Harvesting." USEPA Regional Workshop on Innovative Technologies, presenter, April, 2013

"Saving Water." Cincinnati 3E Summit, presenter, September, 2011

"Greening Cincinnati Public Schools." Panel Presentation to President Obama's principal environmental adviser, Nancy Sutly, September, 2010

"Greening Cincinnati for Economic Development." WCET Television Business Courier's Community Beat Program guest, July, 2009

"LEED Standards for Green and Healthy Schools." Presenter at National School Building Conference, Pittsburgh, June, 2009

"At the Top in Cincinnati: National Leadership in Sustainability." Public Program, March 2009

"LEED for Schools, success in Cincinnati." Presentation at USGBC National convention, Greenbuild, Boston, November, 2008

"The Greening of Cincinnati Public Schools." Presenter at USEPA Regional Conference, Cincinnati, April, 2008

Honors and Awards

Cincinnati Public School Teacher's Union
2008, Ohio's largest teacher's union honored Mr. Knight with the Contractor Diversity Award.

Clermont County Park District, Chilo Lock #34 Park and Visitor's Center Museum.
2006, Preservation Award, Cincinnati Preservation Association
2005, Honorable Mention, Facilities Development, Ohio Parks and Recreation Association Awards of Excellence Competition
2005, Built Environment Heritage Award/Historic Preservation, Ohio's Hill Country Heritage Area
2005, Community Project Award, Clermont 20/20
2005, Best Public Improvement Project, Heritage Ohio

Otto Armleder Memorial Aquatics Complex at Hanna Park
2004, American Institute of Architects, Merit Award for Built Work: Client: Cincinnati Recreation Commission, Mr. Knight was the Principal in Charge of the Design for this adaptive reuse project.

Contact

bknight@partneresi.com

APPENDIX C: REGULATORY DATABASE REPORT

DATABASE REPORT

Project Property:	*1977 Saturn* *1977 Saturn Street* *MONTEREY PARK CA 91755*
Project No:	*24-444561.1*
Report Type:	*Database Report*
Order No:	*24040400593*
Requested by:	*Partner Engineering and Science, Inc.*
Date Completed:	*April 4, 2024*

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Executive Summary

Property Information:

Project Property:		*1977 Saturn* *1977 Saturn Street MONTEREY PARK CA 91755*
Project No:		*24-444561.1*
Coordinates:		
	Latitude:	*34.0403934*
	Longitude:	*-118.1140805*
	UTM Northing:	*3,767,202.30*
	UTM Easting:	*397,155.99*
	UTM Zone:	*UTM Zone 11S*
Elevation:		*382 FT*

Order Information:

Order No:	*24040400593*
Date Requested:	*April 4, 2024*
Requested by:	*Partner Engineering and Science, Inc.*
Report Type:	*Database Report*

Historicals/Products:

ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*
Vapor Screening Tool	*Vapor Screening Tool*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
NPL	Y	1	0	0	0	**1**	0	**1**
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	**1**	-	**1**
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	**1**	0	-	**1**
CERCLIS	Y	0.5	0	0	0	**1**	-	**1**
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	**1**	0	**1**
RCRA TSD	Y	0.5	0	**1**	0	**3**	-	**4**
RCRA LQG	Y	0.25	0	**1**	**2**	-	-	**3**
RCRA SQG	Y	0.25	**1**	**1**	**3**	-	-	**5**
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	**1**	**23**	**29**	-	-	**53**
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	**1**	-	**1**
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	**1**	**1**
DOE FUSRAP	Y	1	0	0	0	0	0	0
State								
RESPONSE	Y	1	0	0	0	0	0	0
ENVIROSTOR	Y	1	0	**2**	0	**3**	0	**5**
DELISTED ENVS	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	**1**	-	**1**
SWRCB SWF	Y	0.5	0	0	0	**1**	-	**1**
WMUD	Y	0.5	0	0	0	**1**	-	**1**
HWP	Y	1	0	0	0	**1**	0	**1**
SWAT	Y	0.5	0	0	**1**	0	-	**1**
C&D DEBRIS RECY	Y	0.5	0	0	0	0	-	0
RECYCLING	Y	0.5	0	0	0	0	-	0
PROCESSORS	Y	0.5	0	0	0	0	-	0
CONTAINER RECY	Y	0.5	0	0	0	0	-	0
LDS	Y	0.5	0	0	0	**1**	-	**1**
LUST	Y	0.5	0	0	**3**	**3**	-	**6**
DELISTED LST	Y	0.5	**1**	0	**1**	0	-	**2**
UST	Y	0.25	**1**	**1**	0	-	-	**2**
UST CLOSURE	Y	0.5	0	0	**1**	0	-	**1**
HHSS	Y	0.25	0	0	**2**	-	-	**2**
UST SWEEPS	Y	0.25	**1**	**2**	**2**	-	-	**5**
AST	Y	0.25	0	0	**1**	-	-	**1**
AST SWRCB	Y	0.25	0	0	0	-	-	0
TANK OIL GAS	Y	0.25	0	0	0	-	-	0
DELISTED TNK	Y	0.25	**1**	**1**	**2**	-	-	**4**
CERS TANK	Y	0.25	0	**1**	**2**	-	-	**3**
DELISTED CTNK	Y	0.25	**1**	**1**	0	-	-	**2**
HIST TANK	Y	0.25	0	0	**2**	-	-	**2**

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
LUR	Y	0.5	0	0	0	**1**	-	**1**
CALSITES	Y	0.5	0	0	0	**1**	-	**1**
HLUR	Y	0.5	0	0	0	0	-	0
DEED	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
CLEANUP SITES	Y	0.5	0	0	0	0	-	0
DELISTED CLEANUP	Y	0.5	0	0	0	0	-	0
DELISTED COUNTY	Y	0.25	0	0	0	-	-	0
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0
County								
SML LA	Y	0.5	0	**1**	**2**	0	-	**3**
SWF LA COUNTY	Y	0.5	0	0	0	**1**	-	**1**
CUPA LA COUNTY	Y	0.25	**1**	**6**	**10**	-	-	**17**
HMS LA	Y	0.25	**1**	**4**	**8**	-	-	**13**
AOCONCERN	Y	0.5	0	0	0	0	-	0
UST SANTAFESP	Y	0.25	0	0	0	-	-	0
UST LONGB	Y	0.25	0	0	0	-	-	0
CUPA BURBANK	Y	0.25	0	0	0	-	-	0
UST ELSEGUNDO	Y	0.25	0	0	0	-	-	0
UST SANTA MONICA	Y	0.25	0	0	0	-	-	0
AST SANTAMON	Y	0.25	0	0	0	-	-	0
CUPA SANTAMON	Y	0.25	0	0	0	-	-	0
UST TORRANCE	Y	0.25	0	0	0	-	-	0
UST VERNON	Y	0.25	0	0	0	-	-	0
CUPA VERNON	Y	0.25	0	0	0	-	-	0
UST LA CITY	Y	0.25	0	0	0	-	-	0
AST LA CITY	Y	0.25	0	0	0	-	-	0
HAZMAT LA CITY	Y	0.125	0	0	-	-	-	0

Additional Environmental Records

Federal

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
PFAS GHG	Y	0.5	0	0	0	0	-	0
FINDS/FRS	Y	PO	**3**	**5**	-	-	-	**8**
TRIS	Y	PO	0	-	-	-	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
PFAS E-MANIFEST	Y	0.5	0	0	0	0	-	0
PFAS IND	Y	0.5	0	0	**1**	0	-	**1**
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FUDS MRS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	**1**	0	**4**	**5**
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0
State								
PFAS SAMPLING	Y	0.5	0	0	0	0	-	0
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DRYC GRANT	Y	0.25	0	0	0	-	-	0
PFAS GT CLEANUPS	Y	0.5	0	0	0	0	-	0
PFAS GW	Y	0.5	0	0	0	0	-	0
PFAS INVEST	Y	0.5	0	0	0	0	-	0
HWSS CLEANUP	Y	0.5	0	0	0	**1**	-	**1**
TOXIC PITS	Y	1	0	0	0	0	0	0
DTSC HWF	Y	0.5	0	0	0	0	-	0
INSP COMP ENF	Y	1	0	0	0	0	0	0
SCH	Y	1	0	0	0	0	0	0
CHMIRS	Y	PO	0	-	-	-	-	0
HIST CHMIRS	Y	PO	0	-	-	-	-	0
HAZNET	Y	PO	0	**4**	-	-	-	**4**
HAZ GEN	Y	PO	**2**	**9**	-	-	-	**11**
HAZ TSD	Y	0.5	0	0	0	0	-	0
HIST MANIFEST	Y	PO	**1**	**2**	-	-	-	**3**
HW TRANSPORT	Y	0.125	0	0	-	-	-	0
WASTE TIRE	Y	PO	0	-	-	-	-	0
MEDICAL WASTE	Y	0.25	0	0	0	-	-	0
HIST CORTESE	Y	0.5	0	0	0	**1**	-	**1**
CDO/CAO	Y	0.5	0	0	0	0	-	0
CERS HAZ	Y	0.125	0	**1**	-	-	-	**1**
DELISTED HAZ	Y	0.5	0	0	0	**2**	-	**2**
GEOTRACKER	Y	0.125	**1**	0	-	-	-	**1**
MINE	Y	1	0	0	0	0	0	0
LIEN	Y	PO	0	-	-	-	-	0
WASTE DISCHG	Y	0.25	0	0	**1**	-	-	**1**

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
EMISSIONS	Y	0.25	2	4	2	-	-	8
CDL	Y	0.125	0	0	-	-	-	0
Tribal								
County								
HAZMAT SANTAMON	Y	0.125	0	0	-	-	-	0
HAZ WST SANTAMON	Y	0.125	0	0	-	-	-	0
Total:			18	70	77	26	5	196

No Tribal additional environmental record sources available for this State.

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	RCRA SQG	SANWA BANK CALIFORNIA	1977 SATURN ST MONTEREY PARK CA 91754 **EPA Handler ID:** *CAD982463895*	NE	0.00 / 0.00	3	54
1	FINDS/FRS	UNITED CA BANK	1977 SATURN ST MONTEREY PARK CA 917540000 **Registry ID:** *110018947773*	NE	0.00 / 0.00	3	55
1	HMS LA		1977 SATURN ST MONTEREY PARK CA 917557418	NE	0.00 / 0.00	3	56
1	DELISTED TNK	SANWA BANK	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	3	57
1	HIST MANIFEST		1977 SATURN ST MONTEREY PARK CA 917557418	NE	0.00 / 0.00	3	57
1	FINDS/FRS	BANK OF THE WEST	1977 SATURN ST MONTEREY PARK CA 91755 **Registry ID:** *110065977090*	NE	0.00 / 0.00	3	58
1	UST	1977 Saturn	1977 SATURN ST MONTEREY PARK CA 91755 **Facility ID:** *LACoFA0024090* **Tank ID No. | Tank Status | Tank Closure Date:** *#2 | UST Removal | 11/8/2018 12:00:00 AM, #1 | UST Removal | 11/8/2018 12:00:00 AM, #3 | UST Removal | 11/8/2018 12:00:00 AM*	NE	0.00 / 0.00	3	59
1	EMISSIONS	SANWA BANK CALIFORNIA	1977 SATURN ST MONTEREY PARK CA 91754	NE	0.00 / 0.00	3	60
1	EMISSIONS	SANWA BANK	1977 SATURN STREET MONTEREY PARK CA 91754	NE	0.00 / 0.00	3	61
1	DELISTED CTNK	1977 Saturn	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	3	62
1	RCRA NON GEN	EQUITY OFFICE	1977 SATURN ST MONTEREY PARK CA 91755 **EPA Handler ID:** *CAC002986628*	NE	0.00 / 0.00	3	62
1	FINDS/FRS	EQUITY OFFICE	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	3	63

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			Registry ID: *110070439637*				
1	CUPA LA COUNTY	1977 SATURN	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	3	63
1	UST SWEEPS	SANWA BANK	1977 SATURN ST MONTEREY PARK CA	NE	0.00 / 0.00	3	64
			C C | Status: *A19-000-7311 | ACTIVE* ***Tank ID:*** *000003, 000002, 000001*				
1	DELISTED LST	BRE CA SATURN, LLC	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	3	64
1	HAZ GEN	BRE CA OFFICE OWNER LLC.	1977 SATURN STREET MONTEREY PARK CA 91754	NE	0.00 / 0.00	3	65
1	HAZ GEN	BANK OF THE WEST	1977 SATURN ST MONTEREY PARK CA 917557418	NE	0.00 / 0.00	3	65
1	GEOTRACKER	BRE CA SATURN, LLC	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	3	65

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
2	CUPA LA COUNTY	T-MOBILE WEST SITE ID#IE04996A	1970 SATURN ST MONTEREY PARK CA 91755	ESE	0.01 / 44.71	5	68
3	HAZ GEN	CITY OF MONTEREY PARK	1980 CLOVER DR MONTEREY PARK CA 91754	WNW	0.01 / 53.12	46	68
4	FINDS/FRS	UNION BANK	2001 SATURN ST MONTEREY PARK CA 91755 ***Registry ID:*** 110055896160	WSW	0.01 / 74.77	-38	69
4	DELISTED CTNK	2001 Saturn St	2001 SATURN ST MONTEREY PARK CA 91755	WSW	0.01 / 74.77	-38	69
4	CUPA LA COUNTY	UNION BANK	2001 SATURN ST MONTEREY PARK CA 91755	WSW	0.01 / 74.77	-38	69
4	RCRA NON GEN	2001 SATURN LLC	2001 SATURN ST. MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003198580	WSW	0.01 / 74.77	-38	70
4	RCRA NON GEN	2001 SATURN LLC	2001 SATURN ST MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003195784	WSW	0.01 / 74.77	-38	71
4	FINDS/FRS	2001 SATURN LLC	2001 SATURN ST MONTEREY PARK CA 91755 ***Registry ID:*** 110071330538	WSW	0.01 / 74.77	-38	72
5	RCRA TSD	JOSEPH DELGADILLO	2004 CLOVER DR MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003008782	W	0.01 / 77.65	-24	72
5	RCRA NON GEN	JOSEPH DELGADILLO	2004 CLOVER DR MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003008782	W	0.01 / 77.65	-24	73
5	FINDS/FRS	JOSEPH DELGADILLO	2004 CLOVER DR MONTEREY PARK CA 91755 ***Registry ID:*** 110070574031	W	0.01 / 77.65	-24	74
6	DELISTED TNK	UNION BANK OPERATIONS CENTER	1980 SATURN ST MONTEREY PARK CA 91755	SSW	0.02 / 90.44	-35	75

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
6	HMS LA		1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	-35	75
6	HMS LA		1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	-35	76
6	HAZNET	UNION BANK OF CALIFORNIA	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	-35	76
6	HAZNET	1X UNION BANK	1980 SATURN ST MONTEREY PARK CA 917540000	SSW	0.02 / 90.44	-35	76
6	HIST MANIFEST		1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	-35	77
6	HIST MANIFEST		1980 SATURN ST MONTEREY PARK CA 917540000	SSW	0.02 / 90.44	-35	78
6	FINDS/FRS	UNION BANK	1980 SATURN ST MONTEREY PARK CA 91755 ***Registry ID:*** 110066549079	SSW	0.02 / 90.44	-35	78
6	HAZNET	UNION BANK	1980 SATURN STREET MONTEREY PARK CA 91755	SSW	0.02 / 90.44	-35	79
6	HAZNET	UNION BANK	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	-35	79
6	UST	UNION BANK	1980 SATURN ST MONTEREY PARK CA 91755 ***Facility ID:*** LACoFA0024092 ***Tank ID No. | Tank Status | Tank Closure Date:*** 1 | Confirmed/Updated Information | , 4 | Confirmed/Updated Information |	SSW	0.02 / 90.44	-35	80
6	EMISSIONS	UNION BANK (VOLK CENTER)	1980 SATURN ST MONTEREY PARK CA 91754	SSW	0.02 / 90.44	-35	81
6	CERS TANK	UNION BANK	1980 SATURN ST MONTEREY PARK CA 91755 ***Site ID:*** 404823	SSW	0.02 / 90.44	-35	82
6	RCRA NON GEN	UNION BANK	1980 SATURN STREET MONTEREY PARK CA 91755	SSW	0.02 / 90.44	-35	106

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: CAC002971095				
6	CUPA LA COUNTY	UNION BANK	1980 SATURN ST MONTEREY PARK CA 91755	SSW	0.02 / 90.44	-35	107
6	RCRA NON GEN	DANIEL ROSALES	1980 SATURN STREET MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003062333	SSW	0.02 / 90.44	-35	107
6	FINDS/FRS	DANIEL ROSALES	1980 SATURN STREET MONTEREY PARK CA 91755 ***Registry ID:*** 110070805844	SSW	0.02 / 90.44	-35	108
6	UST SWEEPS	UNION BANK OPERATIONS CENTER	1980 SATURN ST MONTEREY PARK CA ***C C | Status:*** A19-000-8139 | ACTIVE ***Tank ID:*** 000001	SSW	0.02 / 90.44	-35	109
6	RCRA NON GEN	DANIEL ROSALES	1980 SATURN STREET MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003155280	SSW	0.02 / 90.44	-35	109
6	HAZ GEN	JONES LANGE LASALLE	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	-35	110
6	HAZ GEN	UNION BANK	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	-35	110
6	HAZ GEN	UNION BANK	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	-35	111
6	HAZ GEN	UNION BANK	1980 SATURN STREET MONTEREY PARK CA 91755	SSW	0.02 / 90.44	-35	111
6	HAZ GEN	UNION BANK	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	-35	111
6	HAZ GEN	UNION BANK OF CALIFORNIA	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	-35	111
6	HAZ GEN	UNION BANK	1980 SATURN STREET MONTEREY PARK CA 91755	SSW	0.02 / 90.44	-35	111
6	HAZ GEN	CBRE AGENT FOR UNION BANK	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	-35	111

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
6	RCRA NON GEN	DANIEL ROSALES	1980 SATURN STREET MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003192019	SSW	0.02 / 90.44	-35	112
6	RCRA NON GEN	UNION BANK	1980 SATURN STREET MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003241986	SSW	0.02 / 90.44	-35	113
7	RCRA NON GEN	NICOLE HUI	698 TAYLOR DRIVE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003021631	NNE	0.04 / 212.03	44	114
8	RCRA NON GEN	LAI MOY & CORY NAKAUCHI	598 TAYLOR DR MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003054997	N	0.04 / 213.79	70	115
9	RCRA NON GEN	NADJA CALDERON	2007 CLOVER DR MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003133573	W	0.05 / 239.13	-35	116
10	RCRA NON GEN	JACK MIYAGAWA	651 TAYLOR DRIVE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC002977534	NNE	0.07 / 343.65	63	117
10	RCRA NON GEN	JACK MIYAGAWA	651 TAYLOR DR MONTEREY PARK CA 91755-6743 ***EPA Handler ID:*** CAC002978669	NNE	0.07 / 343.65	63	118
11	RCRA NON GEN	MARY HARING	675 TAYLOR DR MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003220751	NNE	0.07 / 343.97	57	119
12	RCRA NON GEN	DAVE JONES	599 TAYLOR DRIVE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC002997454	N	0.07 / 357.66	76	120
13	RCRA NON GEN	SHI NGUYEN	560 TAYLOR DR MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003232261	NNW	0.07 / 378.65	82	121
14	RCRA SQG	ALPHA PHOTONICS	2019 SATURN ST MONTEREY PARK CA 91754 ***EPA Handler ID:*** CAR000087692	WSW	0.08 / 440.13	-60	122
14	SML LA	ALPHA PHOTONICS/LYLE OPTPELECTRONICS	2019 SATURN ST MONTEREY PARK CA 91754	WSW	0.08 / 440.13	-60	124
14	ENVIROSTOR	ALPHA PHOTONICS, INC.	2019 SATURN STREET MONTEREY PARK CA 91754	WSW	0.08 / 440.13	-60	124

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			***Estor/EPA ID	Cleanup Status:*** 71003355 | REFER: OTHER AGENCY AS OF			
14	HMS LA		2019 SATURN ST MONTEREY PARK CA 917557496	WSW	0.08 / 440.13	-60	125
14	CUPA LA COUNTY	LYTE OPTOELECTRONICS	2019 SATURN ST MONTEREY PARK CA 91755	WSW	0.08 / 440.13	-60	125
14	RCRA NON GEN	LEONARDO TIJERO	2019 SATURN STREET MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003204181	WSW	0.08 / 440.13	-60	126
15	RCRA NON GEN	RANDALL NAKASHIMA	763 TAYLOR DR MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003111304	NE	0.08 / 444.33	71	127
16	CUPA LA COUNTY	T-MOBILE WEST (SITE ID#IE05350D)	2001 S ORANGE AVE MONTEREY PARK CA 91755	NNE	0.09 / 491.74	52	128
17	RCRA NON GEN	DHANAPALA OR MARDHAVI RODRIGO	539 TAYLOR DRIVE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003227550	NNW	0.11 / 571.33	64	128
18	RCRA NON GEN	DONALD AND JOAN KARY	599 HARRISON ROAD MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC002994334	N	0.11 / 589.88	75	129
19	ENVIROSTOR	ROSS NAMEPLATE CO.	RED PLUM CIRCLE, #2 MONTEREY PARK CA 91765 ***Estor/EPA ID	Cleanup Status:*** 71002913 | REFER: OTHER AGENCY AS OF	WSW	0.11 / 603.73	-59	130
19	HMS LA		2 RED PLUM CIR MONTEREY PARK CA 917547486	WSW	0.11 / 603.73	-59	130
19	EMISSIONS	ROSS NAME PLATE CO	NUMBER TWO RED PLUM CIRCLE MONTEREY PARK CA 91754	WSW	0.11 / 603.73	-59	131
19	EMISSIONS	ROSS NAME PLATE CO	2 RED PLUM CIR MONTEREY PARK CA 91754	WSW	0.11 / 603.73	-59	131
19	EMISSIONS	ROSS NAME PLATE CO	2 RED PLUM CIRCLE MONTEREY PARK CA 91754	WSW	0.11 / 603.73	-59	134
19	CERS HAZ	ROSS NAME PLATE COMPANY	2 RED PLUM CIR MONTEREY PARK CA 91755	WSW	0.11 / 603.73	-59	135

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
19	CUPA LA COUNTY	ROSS NAME PLATE COMPANY	2 RED PLUM CIR MONTEREY PARK CA 91755	WSW	0.11 / 603.73	-59	142
19	RCRA LQG	ROSS NAME PLATE CO	NUMBER 2 RED PLUM CR MONTEREY PARK CA 91754 ***EPA Handler ID:*** CAD981685373	WSW	0.11 / 603.73	-59	143
19	UST SWEEPS	ROSS NAME PLATE	2 RED PLUM MONTEREY PARK CA ***C C | Status:*** A19-000-7314 | ACTIVE ***Tank ID:*** 000001	WSW	0.11 / 603.73	-59	145
20	RCRA NON GEN	ERLINDA SOSNOSKI	1981 FULTON AVE MONTEREY PARK CA 91755-6749 ***EPA Handler ID:*** CAC003036667	W	0.12 / 618.66	-45	145
21	RCRA NON GEN	TMC POWER EQUIPMENT, INC.	2051 SATURN STREET MONTEREY PARK CA 91754 ***EPA Handler ID:*** CAL912605187	SW	0.12 / 632.67	-57	146
22	RCRA NON GEN	HENRY MONTES DE OCA	528 HARRISON RD MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003234730	NNW	0.12 / 658.55	61	147
23	RCRA NON GEN	ANGEL SANCHEZ	624 ACKLEY STREET MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC002972501	NNE	0.14 / 745.03	75	149
24	RCRA NON GEN	WILDA LAW	509 TAYLOR DR. MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003083151	NW	0.14 / 745.46	24	150
25	HMS LA		601 POTRERO GRANDE DR MONTEREY PARK CA 917557430	SSW	0.14 / 759.15	-40	151
25	RCRA NON GEN	CARE1ST HEALTH PLAN	601 PORTRERO GRANDE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC002990067	SSW	0.14 / 759.15	-40	151
26	HMS LA		521 ATLAS AVE MONTEREY PARK CA 91754	SW	0.16 / 837.07	-49	152
26	EMISSIONS	DYMENT LTD	521 ATLAS AVE MONTEREY PARK CA 91754	SW	0.16 / 837.07	-49	153
26	CUPA LA COUNTY	CRA INTERNATIONAL INDUSTRIAL INC	521 ATLAS AVE MONTEREY PARK CA 91755	SW	0.16 / 837.07	-49	153

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
27	RCRA NON GEN	BARBARA HIGA	1880 SOUTH ORANGE AVENUE MONTEREY PARK CA 91755 **EPA Handler ID:** CAC003159123	NE	0.17 / 879.35	55	154
27	RCRA NON GEN	BARBARA HIGA	1880 S ORANGE AVE MONTEREY PARK CA 91755 **EPA Handler ID:** CAC003187564	NE	0.17 / 879.35	55	155
27	RCRA NON GEN	BARBARA HIGA	1880 S ORANGE AVE MONTEREY PARK CA 91755 **EPA Handler ID:** CAC003198606	NE	0.17 / 879.35	55	156
28	RCRA NON GEN	ERNESTINA CASTELLANOS	1912 PALM AVE MONTEREY PARK CA 91755-5728 **EPA Handler ID:** CAC003042964	NE	0.17 / 885.96	95	157
29	HMS LA		740 POTRERO GRANDE DR MONTEREY PARK CA 91754	SSE	0.17 / 893.33	-30	158
30	CUPA LA COUNTY	METROPCS CALIFORNIA, LLC LA0289	1855 SATURN ST MONTEREY PARK CA 91754	E	0.17 / 914.42	-16	158
31	RCRA NON GEN	588 ATLAS	588 ATLAS AVE MONTEREY PARK CA 91755 **EPA Handler ID:** CAC003108626	SW	0.17 / 923.46	-48	158
32	RCRA NON GEN	ROBERT PERRY	420 ACKLEY ST MONTEREY PARK CA 91755 **EPA Handler ID:** CAC003089458	NW	0.18 / 925.76	-12	159
32	RCRA NON GEN	ROBERT PERRY	420 ACKLEY ST MONTEREY PARK CA 91755 **EPA Handler ID:** CAC003088356	NW	0.18 / 925.76	-12	161
33	RCRA NON GEN	ANNA WANG	1828 FILLMORE DR. MONTEREY PARK CA 91755 **EPA Handler ID:** CAC003180897	N	0.18 / 925.90	57	162
34	CUPA LA COUNTY	MOON VALLEY NURSERY OF CALIFORNIA	2100 MARKET PLACE AVE MONTEREY PARK CA 91754	E	0.18 / 930.55	-16	163
35	PFAS IND	OPERATING INDUSTRIES INC	MONTEREY PARK CA	E	0.18 / 931.49	-16	163
36	RCRA NON GEN	DENNIS YAMANOUYE	1871 S ORANGE AVE MONTEREY PARK CA 91755	NNE	0.18 / 934.20	57	164

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: CAC002999644				
37	RCRA NON GEN	CITY Y OF MONTEREY PARK	1860 S. ORANGE AVE MONTEREY PARK CA 91754 ***EPA Handler ID:*** CAC002974966	NE	0.18 / 938.18	57	165
37	RCRA NON GEN	RUTH WONG	1860 S. ORANGE AVE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003028561	NE	0.18 / 938.18	57	166
38	RCRA LQG	SCE MONTEBELLO SERVICE CTR	1000 E POTRERO GRANDE DR MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAR000195891	E	0.18 / 966.13	-14	167
39	HMS LA		700 POTRERO GRANDE DR MONTEREY PARK CA 91754	SSE	0.18 / 972.62	-37	171
39	WASTE DISCHG	METROPOLITAN WATER DISTRICT'S MIDDLE FEEDER SOUTH PIPELINE	700 POTRERO GRANDE DRIVE MONTEREY PARK CA 91755-7409 ***Global ID:*** WDR100039675	SSE	0.18 / 972.62	-37	171
39	CUPA LA COUNTY	SPRINT NXTL SCE MESA SUB	700 E POTRERO GRANDE DR SPRNT MONTEREY PARK CA 91755	SSE	0.18 / 972.62	-37	172
40	EMISSIONS	ATLAS DISPLAY CO.	521 ATLAS AV MONTEREY PARK CA 91754	SW	0.19 / 978.09	-47	173
41	CUPA LA COUNTY	SPRINT NXTL POTRERO GRANDE	690 POTRERO GRANDE DR MONTEREY PARK CA 91755	SSE	0.19 / 978.50	-38	173
42	RCRA NON GEN	POWER GRADE MESA SUBSTATION PROJECT YARD	2110 GREENWOOD AVE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAL000432709	E	0.19 / 1,001.64	-10	173
43	RCRA NON GEN	MARION SOMIMOTO	1840 S ORANGE AVE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC002991589	NNE	0.19 / 1,005.48	62	174
43	RCRA NON GEN	MARION SUMIMOTO	1840 S ORANGE AVE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003096901	NNE	0.19 / 1,005.48	62	175
44	LUST	SCE - MESA SUBSTATION	700 E POTRERO GRANDE DR MONTEREY PARK CA 91755 ***Global ID | Status:*** T0601993710 | Completed - Case Closed	S	0.19 / 1,021.35	-40	176

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
44	CUPA LA COUNTY	SCE MESA SUBSTATION	700 E POTRERO GRANDE DR MONTEREY PARK CA 91754	S	0.19 / 1,021.35	-40	180
44	RCRA LQG	SCE MESA SUBSTATION	700 E POTRERO GRANDE DR MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAR000203182	S	0.19 / 1,021.35	-40	180
44	UST SWEEPS	SOUTHERN CALIFORNIA EDISON	700 E POTRERO GRANDE DR MONTEREY PARK CA ***C C	Status:*** A19-000-12371 | ACTIVE ***Tank ID:*** 000001	S	0.19 / 1,021.35	-40	186
45	RCRA NON GEN	GEORGE BACHMANN	1820 S ORANGE AVE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003222779	NNE	0.20 / 1,074.41	64	187
46	RCRA NON GEN	MESA WATERLINE RELOCATION PROJECT	1101 POTRERO GRANDE DR MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAL000432118	E	0.20 / 1,078.19	-11	188
47	RCRA SQG	MOBAY CHEM CORP MONTEREY PK	17 CUPANIA CIR MONTEREY PARK CA 91754 ***EPA Handler ID:*** CAD066647306	WSW	0.21 / 1,086.50	-59	189
48	HHSS	MESA SUBSTATION	700 EAST POSTRERO GRANGE DR WILCOX MONTEREY PARK CA 91754	SE	0.21 / 1,105.17	-50	190
48	CERS TANK	SCE Mesa Substation	700 EAST POTRERO GRANDE DR MONTEREY PARK CA 91755 ***Site ID:*** 155266	SE	0.21 / 1,105.17	-50	190
48	HIST TANK	MESA SUBSTATION	700 EAST POTRERO GRANGE DR MONTEREY PARK CA	SE	0.21 / 1,105.17	-50	194
48	RCRA SQG	MESA SUBSTATION	700 E. POTRERO GRANDE DR. MONTEREY PARK CA 91754 ***EPA Handler ID:*** CAD981694813	SE	0.21 / 1,105.17	-50	195
49	RCRA NON GEN	AMEY ENOMOTO	696 WILSON PLACE MONTER MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC002990644	NNE	0.21 / 1,132.30	68	197
49	RCRA NON GEN	AMEY ENOMOTO	696 WILSON PLACE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC002991838	NNE	0.21 / 1,132.30	68	198
50	RCRA NON GEN	ERNEST GUZMAN	1852 BUCHANAN PLACE MONTEREY PARK CA 91755	NW	0.22 / 1,145.97	6	199

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: CAC002983645				
51	MRDS	MCCASLIN MATERIALS CO. PIT	LOS ANGELES COUNTY MONTEREY PARK CA 91755 ***Dep ID:*** 10236616	E	0.22 / 1,153.89	16	200
52	RCRA NON GEN	MOMI NARIKOYO	1863 ASH MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003113540	ENE	0.22 / 1,172.45	97	200
53	HMS LA		2 CORAL CIR MONTEREY PARK CA 91754	SW	0.23 / 1,191.68	-51	201
53	HMS LA		2 CORAL CIR MONTEREY PARK CA 91754	SW	0.23 / 1,191.68	-51	202
54	RCRA NON GEN	DEBRA SIMONE / LONI SHIBUYAMA	1778 S. ORANGE AVENUE MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003188785	NNE	0.23 / 1,195.91	70	202
55	CUPA LA COUNTY	POWER GRADE INC. - SCE MESA SUBSTATION PROJECT YARD	2110 MARKET PLACE DR MONTEREY PARK CA 91755	E	0.23 / 1,198.37	19	203
56	RCRA NON GEN	YONEO INOUYE	1793 ADAMS WAY MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003053071	NNW	0.23 / 1,231.71	73	203
57	RCRA NON GEN	JEAN KOBATA	743 ACKLEY ST MONTEREY PARK CA 91754 ***EPA Handler ID:*** CAC003097684	NE	0.24 / 1,252.02	109	204
58	ODI	OPERATING INDUSTRIES,INC	1000 POTRERO GRANDE DRIVE MONTEREY PARK CA	E	0.24 / 1,253.64	25	205
58	SML LA	SOUTHERN CAL. EDISON/MONTEBELO	1000 POTRERO GRANDE DR MONTEREY PARK CA 91754	E	0.24 / 1,253.64	25	206
58	LUST	SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER	1000 POTRERO GRANDE DRIVE EAST MONTEREY PARK CA 91755 ***Global ID | Status:*** T10000004493 | Completed - Case Closed	E	0.24 / 1,253.64	25	206
58	LUST	MONTEBELLO SERVICE CENTER	1000 POTRERO GRANDE DR MONTEREY PARK CA 91755 ***Global ID | Status:*** T0603703289 | Completed - Case Closed	E	0.24 / 1,253.64	25	210

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
58	AST		1000 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.24 / 1,253.64	25	213
58	HMS LA		1000 POTRERO GRANDE DR MONTEREY PARK CA 917557410	E	0.24 / 1,253.64	25	213
58	SWAT	OPERATING INDUSTRIES LANDFILL	1000 POTRERO GRANDE DRIVE MONTEREY PARK, CA 91754 CA	E	0.24 / 1,253.64	25	213
58	DELISTED TNK	SCE - MONTEBELLO SERVICE CNTR	1000 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.24 / 1,253.64	25	214
58	HHSS	MONTETEY PARK DISTRICT OFF/SC	1000 POTRERO GRANGE DR ARROYO DR MONTEREY PARK CA 91754	E	0.24 / 1,253.64	25	215
58	CERS TANK	SCE Montebello Service Center	1000 POTRERO GRANDE DR MONTEREY PARK CA 91755 ***Site ID:*** 155272	E	0.24 / 1,253.64	25	215
58	HIST TANK	MONTEREY PARK DISTRICT OFF/SC	1000 POTRERO GRANDE DR MONTEREY PARK CA	E	0.24 / 1,253.64	25	219
58	DELISTED LST	Southern California Edison - Montebello Service Center	1000 Potrero Grande Drive East, Monterey Park, CA 91755 CA	E	0.24 / 1,253.64	25	219
58	CUPA LA COUNTY	SCE MONTEBELLO SERVICE CENTER	1000 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.24 / 1,253.64	25	220
58	UST CLOSURE	Southern California Edison - Montebello Service Center	1000 Potrero Grande Drive East, Monterey Park, CA 91755 CA ***Claim Case No:*** Case No. I-07315A	E	0.24 / 1,253.64	25	220
58	CUPA LA COUNTY	AT&T California - E31A5	1000 Potrero Grande DR MONTEREY PARK CA 91755	E	0.24 / 1,253.64	25	221
58	RCRA SQG	SO CAL EDISON MONTEBELLO CSO/AUTO	1000 POTRERO GRANDE DR. MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAD980881775	E	0.24 / 1,253.64	25	221

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
58	UST SWEEPS	SOUTHERN CALIFORNIA EDISON	1000 POTRERO GRANDE DR MONTEREY PARK CA ***C C	Status:*** A19-000-7315 | ACTIVE ***Tank ID:*** 000001, 000002, 000003	E	0.24 / 1,253.64	25	223
59	RCRA NON GEN	WENDY LUI	500 VAN BUREN DR MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC002980756	NNW	0.24 / 1,271.75	80	224
60	DELISTED TNK	SAN GABRIEL NURSERY	2015 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.24 / 1,280.84	-7	225
60	HMS LA		2015 POTRERO GRANDE DR MONTEREY PARK CA 917557414	E	0.24 / 1,280.84	-7	225
60	SML LA	SAN GABRIEL NURSERY & FLORIST	2015 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.24 / 1,280.84	-7	226
60	CUPA LA COUNTY	SAN GABRIEL NURSERY/FLORIST	2015 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.24 / 1,280.84	-7	226
61	RCRA NON GEN	KAM LAW	316 CORAL VIEW STREET MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003147018	WNW	0.24 / 1,290.32	25	226
62	RCRA NON GEN	VIVIEN YOUNG	650 TAFT COURT MONTEREY PARK CA 91755 ***EPA Handler ID:*** CAC003141841	NNE	0.25 / 1,304.47	98	227
63	DELISTED HAZ	Verizon Wireless: Greenwood	500 POTRERO GRANDE DR # VZ MONTEREY PARK CA 91755	SSW	0.27 / 1,408.57	-63	228
63	DELISTED HAZ	Power Grade Inc. - SCE Mesa Substation Project	500 POTRERO GRANDE DR MONTEREY PARK CA 91755	SSW	0.27 / 1,408.57	-63	228
64	LUST	SHELL SERVICE STATION	430 POTRERO GRANDE MONTEREY PARK CA 91755 ***Global ID | Status:*** T0603789423 | Completed - Case Closed	SSW	0.30 / 1,593.98	-74	229
65	LUST	SHELL	430 POTRERO GRANDE DR MONTEREY PARK CA 91755 ***Global ID | Status:*** T0603703429 | Completed - Case Closed	SW	0.32 / 1,675.26	-83	232
66	LUST	SHELL OIL COMPANY # 204-5112-0917	430 E POTRERO GRANDE DR MONTEREY PARK CA 91754 ***Global ID | Status:*** T10000000993 | Completed - Case Closed	SSW	0.33 / 1,767.56	-85	235

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
67	NPL	OPERATING INDUSTRIES, INC., LANDFILL	900 N POTRERO GRANDE DR MONTEREY PARK CA 91754 ***EPA ID:*** CAT080012024	ESE	0.37 / 1,944.71	-34	238
68	RCRA TSD	ROY KOBAYASHI	1920 LUPINE AVENUE MONTEREY PARK CA 91775-6510 ***EPA Handler ID:*** CAC003012148	WNW	0.43 / 2,252.97	-33	239
68	RCRA TSD	ROY KOBAYASHI	1920 LUPINE AVENUE MONTEREY PARK CA 91775 ***EPA Handler ID:*** CAC003014058	WNW	0.43 / 2,252.97	-33	240
69	HIST CORTESE	OPERATING INDUSTRIES, INC. LANDFILL	900 POTRERO GRANDE DR MONTEREY PARK CA 91755	ESE	0.49 / 2,583.17	21	241
70	RCRA CORRACTS	NEW CURE, INC.	2550 GREENWOOD AVENUE MONTEREY PARK CA 91755-7419 ***EPA Handler ID:*** CAT080012024	S	0.49 / 2,587.36	43	241
70	RCRA TSD	NEW CURE, INC.	2550 GREENWOOD AVENUE MONTEREY PARK CA 91755-7419 ***EPA Handler ID:*** CAT080012024	S	0.49 / 2,587.36	43	250
71	CERCLIS	OPERATING INDUSTRIES, INC., LANDFILL	900 N POTRERO GRANDE DR MONTEREY PARK CA 91754 ***Site EPA ID:*** CAT080012024	SSE	0.49 / 2,589.95	-9	258
71	FED ENG	OPERATING INDUSTRIES, INC., LANDFILL	900 N POTRERO GRANDE DR MONTEREY PARK CA 91754 ***EPA ID:*** CAT080012024	SSE	0.49 / 2,589.95	-9	275
71	SWF/LF	Operating Industries, Inc	900 Potrero Grande Drive Monterey Park CA 91754 ***Act Opl Status | Activity:*** Closed | Solid Waste Disposal Site	SSE	0.49 / 2,589.95	-9	277
71	LDS	Operating Industries, Inc. Landfill	900 Potrero Grande Drive MONTEREY PARK CA 91755	SSE	0.49 / 2,589.95	-9	278
71	SWF LA COUNTY	Operating Industries, Inc.	900 Potrero Grande Drive, Monterey Park, CA 91754 Monterey Park CA ***Status:*** Closed	SSE	0.49 / 2,589.95	-9	281
71	ENVIROSTOR	OPERATING INDUSTRIES INC	900 POTRERO GRANDE DR MONTEREY PARK CA 917557419 ***Estor/EPA ID | Cleanup Status:*** 80001837 | REFER: SMBRP AS OF 6/19/2013	SSE	0.49 / 2,589.95	-9	281

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
71	ENVIROSTOR	NEW CURE, INC.	900 POTRERO GRANDE DR MONTEREY PARK CA 917557419 ***Estor/EPA ID	Cleanup Status:*** CAT080012024 |	SSE	0.49 / 2,589.95	-9	282
71	HWP	NEW CURE, INC.	900 POTRERO GRANDE DR MONTEREY PARK CA 917557419 ***Estor/EPA ID	Cleanup Status:*** CAT080012024 |	SSE	0.49 / 2,589.95	-9	283
71	SEMS	OPERATING INDUSTRIES	900 POTRERO GRANDE DR MONTEREY PARK CA 91755 ***EPA ID:*** CAT080012024		SSE	0.49 / 2,589.95	-9	285
71	HWSS CLEANUP	OPERATING INDUSTRIES, INC. LANDFILL	900 POTRERO GRANDE DR MONTEREY PARK CA 91755 ***Estor/EPA ID	Cleanup Status:*** 19490207 | CERTIFIED / OPERATION & MAINTENANCE AS OF 8/2/2012	SSE	0.49 / 2,589.95	-9	290
71	SWRCB SWF	OPERATING INDUSTRIES, INC.	MONTEREY PARK CA		SSE	0.49 / 2,589.95	-9	301
71	ENVIROSTOR	OPERATING INDUSTRIES, INC. LANDFILL	900 POTRERO GRANDE DR MONTEREY PARK CA 91755 ***Estor/EPA ID	Cleanup Status:*** 19490207 | CERTIFIED / OPERATION & MAINTENANCE AS OF 8/2/2012	SSE	0.49 / 2,589.95	-9	301
71	LUR	OPERATING INDUSTRIES, INC. LANDFILL	900 POTRERO GRANDE DR MONTEREY PARK CA 91755 ***Estor/EPA ID	Cleanup Status:*** 19490207 | CERTIFIED / OPERATION & MAINTENANCE AS OF 8/2/2012	SSE	0.49 / 2,589.95	-9	312
71	CALSITES	OPERATING INDUSTRIES, INC. LANDFILL	900 POTRERO GRANDE DR MONTEREY PARK CA 91755		SSE	0.49 / 2,589.95	-9	323
71	WMUD	OPERATING INDUSTRIES, INC.	900 POTRERO GRANDE DRIVE MONTEREY PARK CA 91754		SSE	0.49 / 2,589.95	-9	325
72	MRDS	LA DECOMPOSED GRANITE CO	LOS ANGELES COUNTY MONTEBELLO CA 90640 ***Dep ID:*** 10076834		S	0.60 / 3,175.71	126	326
73	SUPERFUND ROD	OPERATING INDUSTRIES, INC., LANDFILL	900 N POTRERO GRANDE DR MONTEREY PARK CA 9175		ENE	0.70 / 3,712.77	-34	326
74	MRDS	MONTEREY PARK GRANITE CO.	LOS ANGELES COUNTY MONTEREY PARK CA 91755 ***Dep ID:*** 10285226		WNW	0.80 / 4,217.38	38	328

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
75	MRDS	TORRANCE BRICK CO.-MONTEREY PARK 2	LOS ANGELES COUNTY ROSEMEAD CA 91770 **Dep ID:** 10261102	NNE	0.95 / 5,005.16	21	329
76	MRDS	L. A. DECOMPOSED GRANITE CO.	LOS ANGELES COUNTY MONTEBELLO CA 90640 **Dep ID:** 10284932	SSE	0.96 / 5,091.92	80	329

Executive Summary: Summary by Data Source

Standard

Federal

NPL - National Priority List

A search of the NPL database, dated Oct 26, 2023 has found that there are 1 NPL site(s) within approximately 1.00miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, INC., LANDFILL	900 N POTRERO GRANDE DR MONTEREY PARK CA 91754 ***EPA ID**: CAT080012024*	ESE	0.37 / 1,944.71	67

SEMS - SEMS List 8R Active Site Inventory

A search of the SEMS database, dated Jan 26, 2024 has found that there are 1 SEMS site(s) within approximately 0.50miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES	900 POTRERO GRANDE DR MONTEREY PARK CA 91755 ***EPA ID**: CAT080012024*	SSE	0.49 / 2,589.95	71

ODI - Inventory of Open Dumps, June 1985

A search of the ODI database, dated Jun 1985 has found that there are 1 ODI site(s) within approximately 0.50miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES,INC	1000 POTRERO GRANDE DRIVE MONTEREY PARK CA	E	0.24 / 1,253.64	58

CERCLIS - Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS

A search of the CERCLIS database, dated Oct 25, 2013 has found that there are 1 CERCLIS site(s) within approximately 0.50miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, INC., LANDFILL	900 N POTRERO GRANDE DR MONTEREY PARK CA 91754 ***Site EPA ID**: CAT080012024*	SSE	0.49 / 2,589.95	71

RCRA CORRACTS - RCRA CORRACTS-Corrective Action

A search of the RCRA CORRACTS database, dated Jan 1, 2024 has found that there are 1 RCRA CORRACTS site(s) within approximately 1.00miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
NEW CURE, INC.	2550 GREENWOOD AVENUE MONTEREY PARK CA 91755-7419 ***EPA Handler ID**: CAT080012024*	S	0.49 / 2,587.36	70

RCRA TSD - RCRA non-CORRACTS TSD Facilities

A search of the RCRA TSD database, dated Jan 1, 2024 has found that there are 4 RCRA TSD site(s) within approximately 0.50miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
NEW CURE, INC.	2550 GREENWOOD AVENUE MONTEREY PARK CA 91755-7419 ***EPA Handler ID**: CAT080012024*	S	0.49 / 2,587.36	70

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
JOSEPH DELGADILLO	2004 CLOVER DR MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003008782*	W	0.01 / 77.65	5
ROY KOBAYASHI	1920 LUPINE AVENUE MONTEREY PARK CA 91775-6510 ***EPA Handler ID**: CAC003012148*	WNW	0.43 / 2,252.97	68
ROY KOBAYASHI	1920 LUPINE AVENUE MONTEREY PARK CA 91775 ***EPA Handler ID**: CAC003014058*	WNW	0.43 / 2,252.97	68

RCRA LQG - RCRA Generator List

A search of the RCRA LQG database, dated Jan 1, 2024 has found that there are 3 RCRA LQG site(s) within approximately 0.25miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROSS NAME PLATE CO	NUMBER 2 RED PLUM CR MONTEREY PARK CA 91754 ***EPA Handler ID**: CAD981685373*	WSW	0.11 / 603.73	19
SCE MONTEBELLO SERVICE CTR	1000 E POTRERO GRANDE DR MONTEREY PARK CA 91755 ***EPA Handler ID**: CAR000195891*	E	0.18 / 966.13	38
SCE MESA SUBSTATION	700 E POTRERO GRANDE DR MONTEREY PARK CA 91755 ***EPA Handler ID**: CAR000203182*	S	0.19 / 1,021.35	44

RCRA SQG - RCRA Small Quantity Generators List

A search of the RCRA SQG database, dated Jan 1, 2024 has found that there are 5 RCRA SQG site(s) within approximately 0.25miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SANWA BANK CALIFORNIA	1977 SATURN ST MONTEREY PARK CA 91754 ***EPA Handler ID**: CAD982463895*	NE	0.00 / 0.00	1
SO CAL EDISON MONTEBELLO CSO/AUTO	1000 POTRERO GRANDE DR. MONTEREY PARK CA 91755 ***EPA Handler ID**: CAD980881775*	E	0.24 / 1,253.64	58

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ALPHA PHOTONICS	2019 SATURN ST MONTEREY PARK CA 91754 ***EPA Handler ID**: CAR000087692*	WSW	0.08 / 440.13	14
MOBAY CHEM CORP MONTEREY PK	17 CUPANIA CIR MONTEREY PARK CA 91754 ***EPA Handler ID**: CAD066647306*	WSW	0.21 / 1,086.50	47
MESA SUBSTATION	700 E. POTRERO GRANDE DR. MONTEREY PARK CA 91754 ***EPA Handler ID**: CAD981694813*	SE	0.21 / 1,105.17	48

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Jan 1, 2024 has found that there are 53 RCRA NON GEN site(s) within approximately 0.25miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
EQUITY OFFICE	1977 SATURN ST MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC002986628*	NE	0.00 / 0.00	1
NICOLE HUI	698 TAYLOR DRIVE MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003021631*	NNE	0.04 / 212.03	7
LAI MOY & CORY NAKAUCHI	598 TAYLOR DR MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003054997*	N	0.04 / 213.79	8
JACK MIYAGAWA	651 TAYLOR DRIVE MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC002977534*	NNE	0.07 / 343.65	10
JACK MIYAGAWA	651 TAYLOR DR MONTEREY PARK CA 91755-6743 ***EPA Handler ID**: CAC002978669*	NNE	0.07 / 343.65	10
MARY HARING	675 TAYLOR DR MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003220751*	NNE	0.07 / 343.97	11

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
DAVE JONES	599 TAYLOR DRIVE MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC002997454*	N	0.07 / 357.66	12
SHI NGUYEN	560 TAYLOR DR MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003232261*	NNW	0.07 / 378.65	13
RANDALL NAKASHIMA	763 TAYLOR DR MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003111304*	NE	0.08 / 444.33	15
DHANAPALA OR MARDHAVI RODRIGO	539 TAYLOR DRIVE MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003227550*	NNW	0.11 / 571.33	17
DONALD AND JOAN KARY	599 HARRISON ROAD MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC002994334*	N	0.11 / 589.88	18
HENRY MONTES DE OCA	528 HARRISON RD MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003234730*	NNW	0.12 / 658.55	22
ANGEL SANCHEZ	624 ACKLEY STREET MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC002972501*	NNE	0.14 / 745.03	23
WILDA LAW	509 TAYLOR DR. MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003083151*	NW	0.14 / 745.46	24
BARBARA HIGA	1880 SOUTH ORANGE AVENUE MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003159123*	NE	0.17 / 879.35	27
BARBARA HIGA	1880 S ORANGE AVE MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003198606*	NE	0.17 / 879.35	27
BARBARA HIGA	1880 S ORANGE AVE MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003187564*	NE	0.17 / 879.35	27
ERNESTINA CASTELLANOS	1912 PALM AVE MONTEREY PARK CA 91755-5728 ***EPA Handler ID**: CAC003042964*	NE	0.17 / 885.96	28
ANNA WANG	1828 FILLMORE DR. MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003180897*	N	0.18 / 925.90	33

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
DENNIS YAMANOUYE	1871 S ORANGE AVE MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC002999644*	NNE	0.18 / 934.20	36
CITY Y OF MONTEREY PARK	1860 S. ORANGE AVE MONTEREY PARK CA 91754 ***EPA Handler ID**: CAC002974966*	NE	0.18 / 938.18	37
RUTH WONG	1860 S. ORANGE AVE MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003028561*	NE	0.18 / 938.18	37
MARION SOMIMOTO	1840 S ORANGE AVE MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC002991589*	NNE	0.19 / 1,005.48	43
MARION SUMIMOTO	1840 S ORANGE AVE MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003096901*	NNE	0.19 / 1,005.48	43
GEORGE BACHMANN	1820 S ORANGE AVE MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003222779*	NNE	0.20 / 1,074.41	45
AMEY ENOMOTO	696 WILSON PLACE MONTER MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC002990644*	NNE	0.21 / 1,132.30	49
AMEY ENOMOTO	696 WILSON PLACE MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC002991838*	NNE	0.21 / 1,132.30	49
ERNEST GUZMAN	1852 BUCHANAN PLACE MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC002983645*	NW	0.22 / 1,145.97	50
MOMI NARIKOYO	1863 ASH MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003113540*	ENE	0.22 / 1,172.45	52
DEBRA SIMONE / LONI SHIBUYAMA	1778 S. ORANGE AVENUE MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003188785*	NNE	0.23 / 1,195.91	54
YONEO INOUYE	1793 ADAMS WAY MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003053071*	NNW	0.23 / 1,231.71	56
JEAN KOBATA	743 ACKLEY ST MONTEREY PARK CA 91754 ***EPA Handler ID**: CAC003097684*	NE	0.24 / 1,252.02	57

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
WENDY LUI	500 VAN BUREN DR MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC002980756*	NNW	0.24 / 1,271.75	59
KAM LAW	316 CORAL VIEW STREET MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003147018*	WNW	0.24 / 1,290.32	61
VIVIEN YOUNG	650 TAFT COURT MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003141841*	NNE	0.25 / 1,304.47	62

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
2001 SATURN LLC	2001 SATURN ST MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003195784*	WSW	0.01 / 74.77	4
2001 SATURN LLC	2001 SATURN ST. MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003198580*	WSW	0.01 / 74.77	4
JOSEPH DELGADILLO	2004 CLOVER DR MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003008782*	W	0.01 / 77.65	5
UNION BANK	1980 SATURN STREET MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003241986*	SSW	0.02 / 90.44	6
DANIEL ROSALES	1980 SATURN STREET MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003192019*	SSW	0.02 / 90.44	6
DANIEL ROSALES	1980 SATURN STREET MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003155280*	SSW	0.02 / 90.44	6
DANIEL ROSALES	1980 SATURN STREET MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003062333*	SSW	0.02 / 90.44	6
UNION BANK	1980 SATURN STREET MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC002971095*	SSW	0.02 / 90.44	6
NADJA CALDERON	2007 CLOVER DR MONTEREY PARK CA 91755 ***EPA Handler ID**: CAC003133573*	W	0.05 / 239.13	9
LEONARDO TIJERO	2019 SATURN STREET MONTEREY PARK CA 91755	WSW	0.08 / 440.13	14

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***EPA Handler ID**: CAC003204181*			
ERLINDA SOSNOSKI	1981 FULTON AVE MONTEREY PARK CA 91755-6749	W	0.12 / 618.66	20
	***EPA Handler ID**: CAC003036667*			
TMC POWER EQUIPMENT, INC.	2051 SATURN STREET MONTEREY PARK CA 91754	SW	0.12 / 632.67	21
	***EPA Handler ID**: CAL912605187*			
CARE1ST HEALTH PLAN	601 PORTRERO GRANDE MONTEREY PARK CA 91755	SSW	0.14 / 759.15	25
	***EPA Handler ID**: CAC002990067*			
588 ATLAS	588 ATLAS AVE MONTEREY PARK CA 91755	SW	0.17 / 923.46	31
	***EPA Handler ID**: CAC003108626*			
ROBERT PERRY	420 ACKLEY ST MONTEREY PARK CA 91755	NW	0.18 / 925.76	32
	***EPA Handler ID**: CAC003089458*			
ROBERT PERRY	420 ACKLEY ST MONTEREY PARK CA 91755	NW	0.18 / 925.76	32
	***EPA Handler ID**: CAC003088356*			
POWER GRADE MESA SUBSTATION PROJECT YARD	2110 GREENWOOD AVE MONTEREY PARK CA 91755	E	0.19 / 1,001.64	42
	***EPA Handler ID**: CAL000432709*			
MESA WATERLINE RELOCATION PROJECT	1101 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.20 / 1,078.19	46
	***EPA Handler ID**: CAL000432118*			

FED ENG - Federal Engineering Controls-ECs

A search of the FED ENG database, dated Feb 29, 2024 has found that there are 1 FED ENG site(s) within approximately 0.50miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, INC., LANDFILL	900 N POTRERO GRANDE DR MONTEREY PARK CA 91754	SSE	0.49 / 2,589.95	71
	***EPA ID**: CAT080012024*			

SUPERFUND ROD - Superfund Decision Documents

A search of the SUPERFUND ROD database, dated Dec 26, 2023 has found that there are 1 SUPERFUND ROD site(s) within approximately 1.00miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, INC., LANDFILL	900 N POTRERO GRANDE DR MONTEREY PARK CA 9175	ENE	0.70 / 3,712.77	73

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key

State

ENVIROSTOR - EnviroStor Database

A search of the ENVIROSTOR database, dated Feb 15, 2024 has found that there are 5 ENVIROSTOR site(s) within approximately 1.00miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ALPHA PHOTONICS, INC.	2019 SATURN STREET MONTEREY PARK CA 91754	WSW	0.08 / 440.13	14
	***Estor/EPA ID	Cleanup Status**: 71003355	REFER: OTHER AGENCY AS OF*		
ROSS NAMEPLATE CO.	RED PLUM CIRCLE, #2 MONTEREY PARK CA 91765	WSW	0.11 / 603.73	19
	***Estor/EPA ID	Cleanup Status**: 71002913	REFER: OTHER AGENCY AS OF*		
OPERATING INDUSTRIES, INC. LANDFILL	900 POTRERO GRANDE DR MONTEREY PARK CA 91755	SSE	0.49 / 2,589.95	71
	***Estor/EPA ID	Cleanup Status**: 19490207	CERTIFIED / OPERATION & MAINTENANCE AS OF 8/2/2012*		
NEW CURE, INC.	900 POTRERO GRANDE DR MONTEREY PARK CA 917557419	SSE	0.49 / 2,589.95	71
	***Estor/EPA ID	Cleanup Status**: CAT080012024 |*		
OPERATING INDUSTRIES INC	900 POTRERO GRANDE DR MONTEREY PARK CA 917557419	SSE	0.49 / 2,589.95	71
	***Estor/EPA ID	Cleanup Status**: 80001837	REFER: SMBRP AS OF 6/19/2013*		

SWF/LF - Solid Waste Information System (SWIS)

A search of the SWF/LF database, dated Feb 15, 2024 has found that there are 1 SWF/LF site(s) within approximately 0.50miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Operating Industries, Inc	900 Potrero Grande Drive Monterey Park CA 91754	SSE	0.49 / 2,589.95	71
	***Act Opl Status	Activity**: Closed	Solid Waste Disposal Site*		

SWRCB SWF - Solid Waste Disposal Sites with Waste Constituents Above Hazardous Waste Levels

A search of the SWRCB SWF database, dated Sep 20, 2006 has found that there are 1 SWRCB SWF site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, INC.	MONTEREY PARK CA	SSE	0.49 / 2,589.95	71

WMUD - Waste Management Unit Database

A search of the WMUD database, dated Jan 1, 2000 has found that there are 1 WMUD site(s) within approximately 0.50miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, INC.	900 POTRERO GRANDE DRIVE MONTEREY PARK CA 91754	SSE	0.49 / 2,589.95	71

HWP - EnviroStor Hazardous Waste Facilities

A search of the HWP database, dated Feb 15, 2024 has found that there are 1 HWP site(s) within approximately 1.00miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
NEW CURE, INC.	900 POTRERO GRANDE DR MONTEREY PARK CA 917557419	SSE	0.49 / 2,589.95	71
	Estor/EPA ID* | *Cleanup Status: *CAT080012024* |			

SWAT - Sites Listed in the Solid Waste Assessment Test (SWAT) Program Report

A search of the SWAT database, dated Dec 31, 1995 has found that there are 1 SWAT site(s) within approximately 0.50miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES LANDFILL	1000 POTRERO GRANDE DRIVE MONTEREY PARK, CA 91754 CA	E	0.24 / 1,253.64	58

LDS - Land Disposal Sites

A search of the LDS database, dated Nov 30, 2023 has found that there are 1 LDS site(s) within approximately 0.50miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Operating Industries, Inc. Landfill	900 Potrero Grande Drive MONTEREY PARK CA 91755	SSE	0.49 / 2,589.95	71

LUST - Leaking Underground Fuel Tank Reports

A search of the LUST database, dated Nov 30, 2023 has found that there are 6 LUST site(s) within approximately 0.50miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
MONTEBELLO SERVICE CENTER	1000 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.24 / 1,253.64	58
	Global ID* | *Status: *T0603703289* | *Completed - Case Closed*			
SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER	1000 POTRERO GRANDE DRIVE EAST MONTEREY PARK CA 91755	E	0.24 / 1,253.64	58

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	Global ID* | *Status: *T10000004493* | *Completed - Case Closed*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
SCE - MESA SUBSTATION	700 E POTRERO GRANDE DR MONTEREY PARK CA 91755	S	0.19 / 1,021.35	44
	Global ID* | *Status: *T0601993710* | *Completed - Case Closed*			
SHELL SERVICE STATION	430 POTRERO GRANDE MONTEREY PARK CA 91755	SSW	0.30 / 1,593.98	64
	Global ID* | *Status: *T0603789423* | *Completed - Case Closed*			
SHELL	430 POTRERO GRANDE DR MONTEREY PARK CA 91755	SW	0.32 / 1,675.26	65
	Global ID* | *Status: *T0603703429* | *Completed - Case Closed*			
SHELL OIL COMPANY # 204-5112-0917	430 E POTRERO GRANDE DR MONTEREY PARK CA 91754	SSW	0.33 / 1,767.56	66
	Global ID* | *Status: *T10000000993* | *Completed - Case Closed*			

DELISTED LST - Delisted Leaking Storage Tanks

A search of the DELISTED LST database, dated Nov 30, 2023 has found that there are 2 DELISTED LST site(s) within approximately 0.50miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BRE CA SATURN, LLC	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	1
Southern California Edison - Montebello Service Center	1000 Potrero Grande Drive East, Monterey Park, CA 91755 CA	E	0.24 / 1,253.64	58

UST - Permitted Underground Storage Tank (UST) in GeoTracker

A search of the UST database, dated Feb 15, 2024 has found that there are 2 UST site(s) within approximately 0.25miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
1977 Saturn	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	1
	Facility ID: *LACoFA0024090* ***Tank ID No.* | *Tank Status* | *Tank Closure Date***: *#2* | *UST Removal* | *11/8/2018 12:00:00 AM, #1* | *UST Removal* | *11/8/2018 12:00:00 AM, #3* | *UST Removal* | *11/8/2018 12:00:00 AM*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNION BANK	1980 SATURN ST MONTEREY PARK CA 91755	SSW	0.02 / 90.44	6
	Facility ID: *LACoFA0024092* ***Tank ID No.* | *Tank Status* | *Tank Closure Date***: *1* | *Confirmed/Updated Information* | *, 4* | *Confirmed/Updated*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	Information |			

UST CLOSURE - Proposed Closure of Underground Storage Tank Cases

A search of the UST CLOSURE database, dated Dec 22, 2023 has found that there are 1 UST CLOSURE site(s) within approximately 0.50miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Southern California Edison - Montebello Service Center	1000 Potrero Grande Drive East, Monterey Park, CA 91755 CA ***Claim Case No**: Case No. I-07315A*	E	0.24 / 1,253.64	58

HHSS - Historical Hazardous Substance Storage Information Database

A search of the HHSS database, dated Aug 27, 2015 has found that there are 2 HHSS site(s) within approximately 0.25miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
MONTETEY PARK DISTRICT OFF/SC	1000 POTRERO GRANGE DR ARROYO DR MONTEREY PARK CA 91754	E	0.24 / 1,253.64	58

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
MESA SUBSTATION	700 EAST POSTRERO GRANGE DR WILCOX MONTEREY PARK CA 91754	SE	0.21 / 1,105.17	48

UST SWEEPS - Statewide Environmental Evaluation and Planning System

A search of the UST SWEEPS database, dated Oct 1, 1994 has found that there are 5 UST SWEEPS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SANWA BANK	1977 SATURN ST MONTEREY PARK CA	NE	0.00 / 0.00	1
	***C C | Status**: A19-000-7311 | ACTIVE* ***Tank ID**: 000003, 000002, 000001*			
SOUTHERN CALIFORNIA EDISON	1000 POTRERO GRANDE DR MONTEREY PARK CA	E	0.24 / 1,253.64	58
	***C C | Status**: A19-000-7315 | ACTIVE* ***Tank ID**: 000001, 000002, 000003*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNION BANK OPERATIONS CENTER	1980 SATURN ST MONTEREY PARK CA	SSW	0.02 / 90.44	6
	***C C | Status**: A19-000-8139 | ACTIVE* ***Tank ID**: 000001*			
ROSS NAME PLATE	2 RED PLUM MONTEREY PARK CA	WSW	0.11 / 603.73	19

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***C C | Status**: A19-000-7314 | ACTIVE* ***Tank ID**: 000001*			
SOUTHERN CALIFORNIA EDISON	700 E POTRERO GRANDE DR MONTEREY PARK CA	S	0.19 / 1,021.35	44
	***C C | Status**: A19-000-12371 | ACTIVE* ***Tank ID**: 000001*			

AST - Aboveground Storage Tanks

A search of the AST database, dated Aug 31, 2009 has found that there are 1 AST site(s) within approximately 0.25miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	1000 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.24 / 1,253.64	58

DELISTED TNK - Delisted Storage Tanks

A search of the DELISTED TNK database, dated Mar 26, 2024 has found that there are 4 DELISTED TNK site(s) within approximately 0.25miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SANWA BANK	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	1
SCE - MONTEBELLO SERVICE CNTR	1000 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.24 / 1,253.64	58

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNION BANK OPERATIONS CENTER	1980 SATURN ST MONTEREY PARK CA 91755	SSW	0.02 / 90.44	6
SAN GABRIEL NURSERY	2015 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.24 / 1,280.84	60

CERS TANK - California Environmental Reporting System (CERS) Tanks

A search of the CERS TANK database, dated Jan 17, 2024 has found that there are 3 CERS TANK site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SCE Montebello Service Center	1000 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.24 / 1,253.64	58
	***Site ID**: 155272*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNION BANK	1980 SATURN ST MONTEREY PARK CA 91755	SSW	0.02 / 90.44	6
	***Site ID**: 404823*			
SCE Mesa Substation	700 EAST POTRERO GRANDE DR MONTEREY PARK CA 91755	SE	0.21 / 1,105.17	48
	***Site ID**: 155266*			

DELISTED CTNK - Delisted California Environmental Reporting System (CERS) Tanks

A search of the DELISTED CTNK database, dated Jan 17, 2024 has found that there are 2 DELISTED CTNK site(s) within approximately 0.25miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
1977 Saturn	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	1

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
2001 Saturn St	2001 SATURN ST MONTEREY PARK CA 91755	WSW	0.01 / 74.77	4

HIST TANK - Historical Hazardous Substance Storage Container Information - Facility Summary

A search of the HIST TANK database, dated May 27, 1988 has found that there are 2 HIST TANK site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
MONTEREY PARK DISTRICT OFF/SC	1000 POTRERO GRANDE DR MONTEREY PARK CA	E	0.24 / 1,253.64	58

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
MESA SUBSTATION	700 EAST POTRERO GRANGE DR MONTEREY PARK CA	SE	0.21 / 1,105.17	48

LUR - Site Mitigation and Brownfields Reuse Program Facility Sites with Land Use Restrictions

A search of the LUR database, dated Feb 15, 2024 has found that there are 1 LUR site(s) within approximately 0.50miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, INC. LANDFILL	900 POTRERO GRANDE DR MONTEREY PARK CA 91755	SSE	0.49 / 2,589.95	71
	***Estor/EPA ID	Cleanup Status**: 19490207	CERTIFIED / OPERATION & MAINTENANCE AS OF 8/2/2012*		

CALSITES - CALSITES Database

A search of the CALSITES database, dated May 1, 2004 has found that there are 1 CALSITES site(s) within approximately 0.50miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, INC. LANDFILL	900 POTRERO GRANDE DR MONTEREY PARK CA 91755	SSE	0.49 / 2,589.95	71

County

SML LA - Los Angeles County - Site Mitigation List

A search of the SML LA database, dated Jul 11, 2023 has found that there are 3 SML LA site(s) within approximately 0.50miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SOUTHERN CAL. EDISON/MONTEBELO	1000 POTRERO GRANDE DR MONTEREY PARK CA 91754	E	0.24 / 1,253.64	58

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ALPHA PHOTONICS/LYLE OPTPELECTRONICS	2019 SATURN ST MONTEREY PARK CA 91754	WSW	0.08 / 440.13	14
SAN GABRIEL NURSERY & FLORIST	2015 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.24 / 1,280.84	60

SWF LA COUNTY - Los Angeles County - Solid Waste Sites

A search of the SWF LA COUNTY database, dated Mar 8, 2024 has found that there are 1 SWF LA COUNTY site(s) within approximately 0.50miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Operating Industries, Inc.	900 Potrero Grande Drive, Monterey Park, CA 91754 Monterey Park CA ***Status**: Closed*	SSE	0.49 / 2,589.95	71

CUPA LA COUNTY - Los Angeles County - CUPA Program Records

A search of the CUPA LA COUNTY database, dated Mar 25, 2020 has found that there are 17 CUPA LA COUNTY site(s) within approximately 0.25miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
1977 SATURN	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	1

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
T-MOBILE WEST SITE ID#IE04996A	1970 SATURN ST MONTEREY PARK CA 91755	ESE	0.01 / 44.71	2
T-MOBILE WEST (SITE ID#IE05350D)	2001 S ORANGE AVE MONTEREY PARK CA 91755	NNE	0.09 / 491.74	16
POWER GRADE INC. - SCE MESA SUBSTATION PROJECT YARD	2110 MARKET PLACE DR MONTEREY PARK CA 91755	E	0.23 / 1,198.37	55
SCE MONTEBELLO SERVICE CENTER	1000 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.24 / 1,253.64	58
AT&T California - E31A5	1000 Potrero Grande DR MONTEREY PARK CA 91755	E	0.24 / 1,253.64	58

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNION BANK	2001 SATURN ST MONTEREY PARK CA 91755	WSW	0.01 / 74.77	4
UNION BANK	1980 SATURN ST MONTEREY PARK CA 91755	SSW	0.02 / 90.44	6
LYTE OPTOELECTRONICS	2019 SATURN ST MONTEREY PARK CA 91755	WSW	0.08 / 440.13	14
ROSS NAME PLATE COMPANY	2 RED PLUM CIR MONTEREY PARK CA 91755	WSW	0.11 / 603.73	19
CRA INTERNATIONAL INDUSTRIAL INC	521 ATLAS AVE MONTEREY PARK CA 91755	SW	0.16 / 837.07	26
METROPCS CALIFORNIA, LLC LA0289	1855 SATURN ST MONTEREY PARK CA 91754	E	0.17 / 914.42	30
MOON VALLEY NURSERY OF CALIFORNIA	2100 MARKET PLACE AVE MONTEREY PARK CA 91754	E	0.18 / 930.55	34

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
SPRINT NXTL SCE MESA SUB	700 E POTRERO GRANDE DR SPRNT MONTEREY PARK CA 91755	SSE	0.18 / 972.62	39
SPRINT NXTL POTRERO GRANDE	690 POTRERO GRANDE DR MONTEREY PARK CA 91755	SSE	0.19 / 978.50	41
SCE MESA SUBSTATION	700 E POTRERO GRANDE DR MONTEREY PARK CA 91754	S	0.19 / 1,021.35	44
SAN GABRIEL NURSERY/FLORIST	2015 POTRERO GRANDE DR MONTEREY PARK CA 91755	E	0.24 / 1,280.84	60

HMS LA - Los Angeles County - HMS List

A search of the HMS LA database, dated Jan 16, 2024 has found that there are 13 HMS LA site(s) within approximately 0.25miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	1977 SATURN ST MONTEREY PARK CA 917557418	NE	0.00 / 0.00	1
	1000 POTRERO GRANDE DR MONTEREY PARK CA 917557410	E	0.24 / 1,253.64	58

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	6
	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	6
	2019 SATURN ST MONTEREY PARK CA 917557496	WSW	0.08 / 440.13	14
	2 RED PLUM CIR MONTEREY PARK CA 917547486	WSW	0.11 / 603.73	19
	601 POTRERO GRANDE DR MONTEREY PARK CA 917557430	SSW	0.14 / 759.15	25

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	521 ATLAS AVE MONTEREY PARK CA 91754	SW	0.16 / 837.07	26
	740 POTRERO GRANDE DR MONTEREY PARK CA 91754	SSE	0.17 / 893.33	29
	700 POTRERO GRANDE DR MONTEREY PARK CA 91754	SSE	0.18 / 972.62	39
	2 CORAL CIR MONTEREY PARK CA 91754	SW	0.23 / 1,191.68	53
	2 CORAL CIR MONTEREY PARK CA 91754	SW	0.23 / 1,191.68	53
	2015 POTRERO GRANDE DR MONTEREY PARK CA 917557414	E	0.24 / 1,280.84	60

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Feb 9, 2024 has found that there are 8 FINDS/FRS site(s) within approximately 0.02miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
EQUITY OFFICE	1977 SATURN ST MONTEREY PARK CA 91755 ***Registry ID**: 110070439637*	NE	0.00 / 0.00	1
UNITED CA BANK	1977 SATURN ST MONTEREY PARK CA 917540000 ***Registry ID**: 110018947773*	NE	0.00 / 0.00	1
BANK OF THE WEST	1977 SATURN ST MONTEREY PARK CA 91755 ***Registry ID**: 110065977090*	NE	0.00 / 0.00	1

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
2001 SATURN LLC	2001 SATURN ST MONTEREY PARK CA 91755 ***Registry ID**: 110071330538*	WSW	0.01 / 74.77	4

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNION BANK	2001 SATURN ST MONTEREY PARK CA 91755 ***Registry ID**: 110055896160*	WSW	0.01 / 74.77	4
JOSEPH DELGADILLO	2004 CLOVER DR MONTEREY PARK CA 91755 ***Registry ID**: 110070574031*	W	0.01 / 77.65	5
UNION BANK	1980 SATURN ST MONTEREY PARK CA 91755 ***Registry ID**: 110066549079*	SSW	0.02 / 90.44	6
DANIEL ROSALES	1980 SATURN STREET MONTEREY PARK CA 91755 ***Registry ID**: 110070805844*	SSW	0.02 / 90.44	6

PFAS IND - PFAS Industry Sectors

A search of the PFAS IND database, dated Dec 4, 2023 has found that there are 1 PFAS IND site(s) within approximately 0.50miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES INC	MONTEREY PARK CA	E	0.18 / 931.49	35

MRDS - Mineral Resource Data System

A search of the MRDS database, dated Mar 15, 2016 has found that there are 5 MRDS site(s) within approximately 1.00miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
MCCASLIN MATERIALS CO. PIT	LOS ANGELES COUNTY MONTEREY PARK CA 91755 ***Dep ID**: 10236616*	E	0.22 / 1,153.89	51
LA DECOMPOSED GRANITE CO	LOS ANGELES COUNTY MONTEBELLO CA 90640 ***Dep ID**: 10076834*	S	0.60 / 3,175.71	72
MONTEREY PARK GRANITE CO.	LOS ANGELES COUNTY MONTEREY PARK CA 91755 ***Dep ID**: 10285226*	WNW	0.80 / 4,217.38	74
TORRANCE BRICK CO.-MONTEREY PARK 2	LOS ANGELES COUNTY ROSEMEAD CA 91770 ***Dep ID**: 10261102*	NNE	0.95 / 5,005.16	75
L. A. DECOMPOSED GRANITE CO.	LOS ANGELES COUNTY MONTEBELLO CA 90640 ***Dep ID**: 10284932*	SSE	0.96 / 5,091.92	76

State

HWSS CLEANUP - Hazardous Waste and Substances Site List - Site Cleanup

A search of the HWSS CLEANUP database, dated Mar 15, 2023 has found that there are 1 HWSS CLEANUP site(s) within approximately 0.50miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, INC. LANDFILL	900 POTRERO GRANDE DR MONTEREY PARK CA 91755	SSE	0.49 / 2,589.95	71
	***Estor/EPA ID | Cleanup Status**: 19490207 | CERTIFIED / OPERATION & MAINTENANCE AS OF 8/2/2012*			

HAZNET - Handlers from Hazardous Waste Manifest Data

A search of the HAZNET database, dated Oct 24, 2016 has found that there are 4 HAZNET site(s) within approximately 0.02miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
1X UNION BANK	1980 SATURN ST MONTEREY PARK CA 917540000	SSW	0.02 / 90.44	6
UNION BANK	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	6
UNION BANK	1980 SATURN STREET MONTEREY PARK CA 91755	SSW	0.02 / 90.44	6
UNION BANK OF CALIFORNIA	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	6

HAZ GEN - Generators from Hazardous Waste Manifest Data

A search of the HAZ GEN database, dated Dec 31, 2017 has found that there are 11 HAZ GEN site(s) within approximately 0.02miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BRE CA OFFICE OWNER LLC.	1977 SATURN STREET MONTEREY PARK CA 91754	NE	0.00 / 0.00	1
BANK OF THE WEST	1977 SATURN ST MONTEREY PARK CA 917557418	NE	0.00 / 0.00	1
CITY OF MONTEREY PARK	1980 CLOVER DR MONTEREY PARK CA 91754	WNW	0.01 / 53.12	3

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
JONES LANGE LASALLE	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	6
UNION BANK	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	6
CBRE AGENT FOR UNION BANK	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	6
UNION BANK	1980 SATURN STREET MONTEREY PARK CA 91755	SSW	0.02 / 90.44	6
UNION BANK OF CALIFORNIA	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	6
UNION BANK	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	6
UNION BANK	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	6
UNION BANK	1980 SATURN STREET MONTEREY PARK CA 91755	SSW	0.02 / 90.44	6

HIST MANIFEST - Historical Hazardous Waste Manifest Data

A search of the HIST MANIFEST database, dated Dec 31, 1992 has found that there are 3 HIST MANIFEST site(s) within approximately 0.02miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	1977 SATURN ST MONTEREY PARK CA 917557418	NE	0.00 / 0.00	1

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	1980 SATURN ST MONTEREY PARK CA 917540000	SSW	0.02 / 90.44	6
	1980 SATURN ST MONTEREY PARK CA 917557417	SSW	0.02 / 90.44	6

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key

HIST CORTESE - Historical Cortese List

A search of the HIST CORTESE database, dated Nov 13, 2008 has found that there are 1 HIST CORTESE site(s) within approximately 0.50miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPERATING INDUSTRIES, INC. LANDFILL	900 POTRERO GRANDE DR MONTEREY PARK CA 91755	ESE	0.49 / 2,583.17	69

CERS HAZ - California Environmental Reporting System (CERS) Hazardous Waste Sites

A search of the CERS HAZ database, dated Jan 17, 2024 has found that there are 1 CERS HAZ site(s) within approximately 0.12miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROSS NAME PLATE COMPANY	2 RED PLUM CIR MONTEREY PARK CA 91755	WSW	0.11 / 603.73	19

DELISTED HAZ - Delisted Environmental Reporting System (CERS) Hazardous Waste Sites

A search of the DELISTED HAZ database, dated Nov 29, 2018 has found that there are 2 DELISTED HAZ site(s) within approximately 0.50miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Power Grade Inc. - SCE Mesa Substation Project	500 POTRERO GRANDE DR MONTEREY PARK CA 91755	SSW	0.27 / 1,408.57	63
Verizon Wireless: Greenwood	500 POTRERO GRANDE DR # VZ MONTEREY PARK CA 91755	SSW	0.27 / 1,408.57	63

GEOTRACKER - Sites in GeoTracker

A search of the GEOTRACKER database, dated Nov 30, 2023 has found that there are 1 GEOTRACKER site(s) within approximately 0.12miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BRE CA SATURN, LLC	1977 SATURN ST MONTEREY PARK CA 91755	NE	0.00 / 0.00	1

WASTE DISCHG - Waste Discharge Requirements

A search of the WASTE DISCHG database, dated Nov 30, 2023 has found that there are 1 WASTE DISCHG site(s) within approximately 0.25miles of the project property.

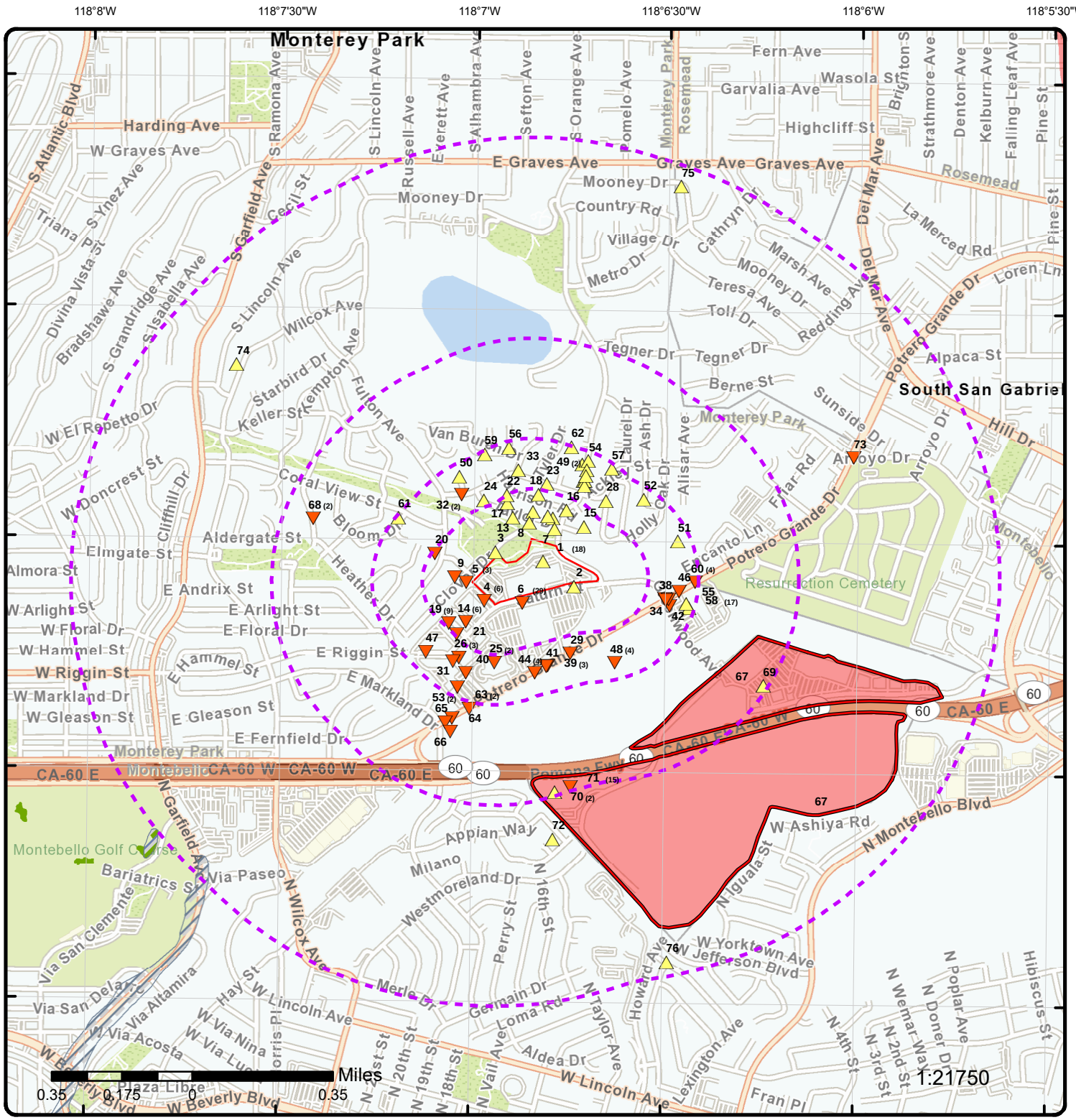
Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
METROPOLITAN WATER DISTRICT'S MIDDLE FEEDER SOUTH PIPELINE	700 POTRERO GRANDE DRIVE MONTEREY PARK CA 91755-7409 ***Global ID**: WDR100039675*	SSE	0.18 / 972.62	39

EMISSIONS - Toxic Pollutant Emissions Facilities

A search of the EMISSIONS database, dated Dec 31, 2020 has found that there are 8 EMISSIONS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SANWA BANK CALIFORNIA	1977 SATURN ST MONTEREY PARK CA 91754	NE	0.00 / 0.00	1
SANWA BANK	1977 SATURN STREET MONTEREY PARK CA 91754	NE	0.00 / 0.00	1

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNION BANK (VOLK CENTER)	1980 SATURN ST MONTEREY PARK CA 91754	SSW	0.02 / 90.44	6
ROSS NAME PLATE CO	2 RED PLUM CIR MONTEREY PARK CA 91754	WSW	0.11 / 603.73	19
ROSS NAME PLATE CO	NUMBER TWO RED PLUM CIRCLE MONTEREY PARK CA 91754	WSW	0.11 / 603.73	19
ROSS NAME PLATE CO	2 RED PLUM CIRCLE MONTEREY PARK CA 91754	WSW	0.11 / 603.73	19
DYMENT LTD	521 ATLAS AVE MONTEREY PARK CA 91754	SW	0.16 / 837.07	26
ATLAS DISPLAY CO.	521 ATLAS AV MONTEREY PARK CA 91754	SW	0.19 / 978.09	40



Map: 1.0 Mile Radius

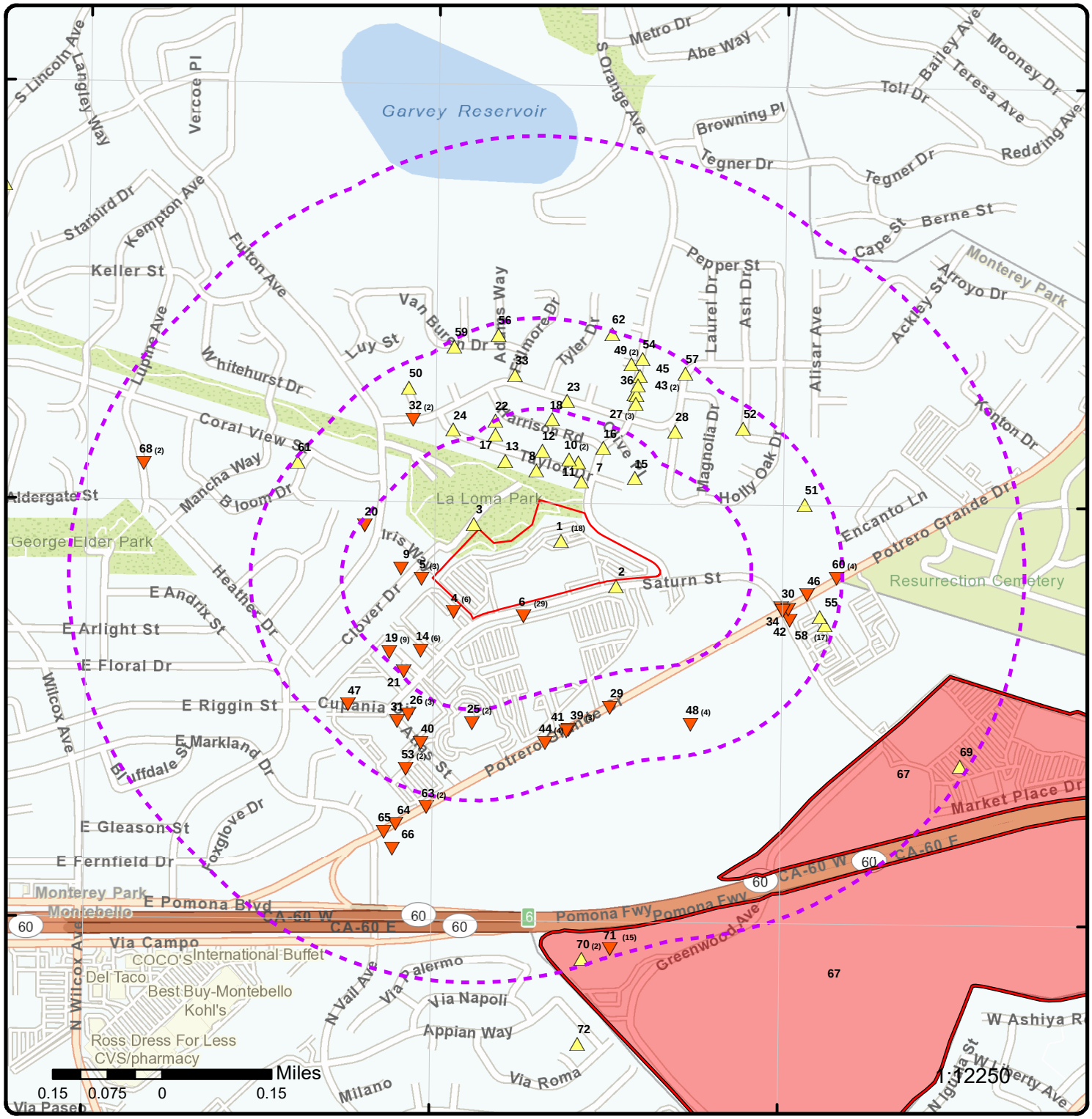
Order Number: 24040400593

Address: 1977 Saturn Street, MONTEREY PARK, CA

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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Map: 0.5 Mile Radius

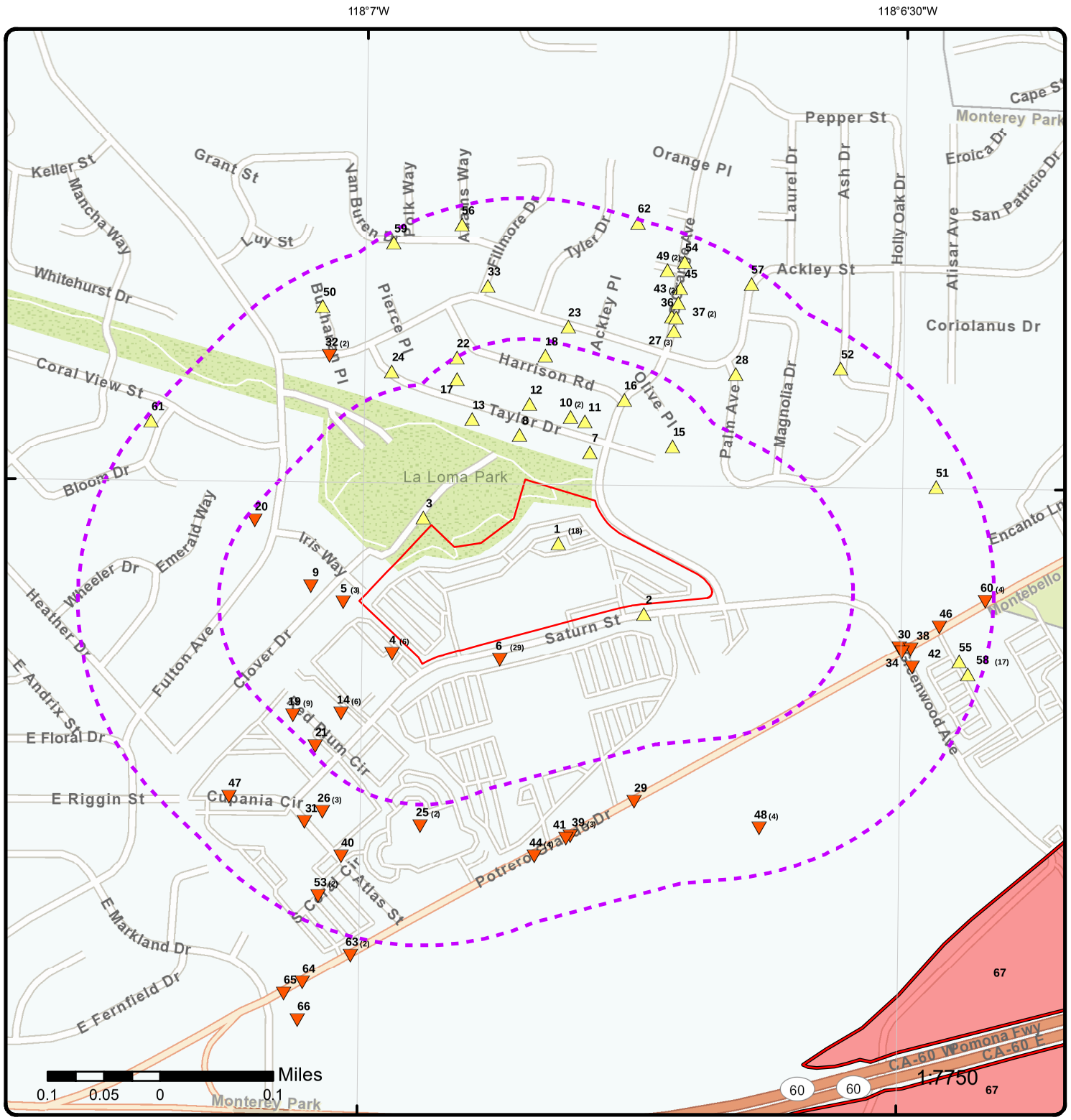
Order Number: 24040400593

Address: 1977 Saturn Street, MONTEREY PARK, CA

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

© ERIS Information Inc.



Map: 0.25 Mile Radius

Order Number: 24040400593

Address: 1977 Saturn Street, MONTEREY PARK, CA

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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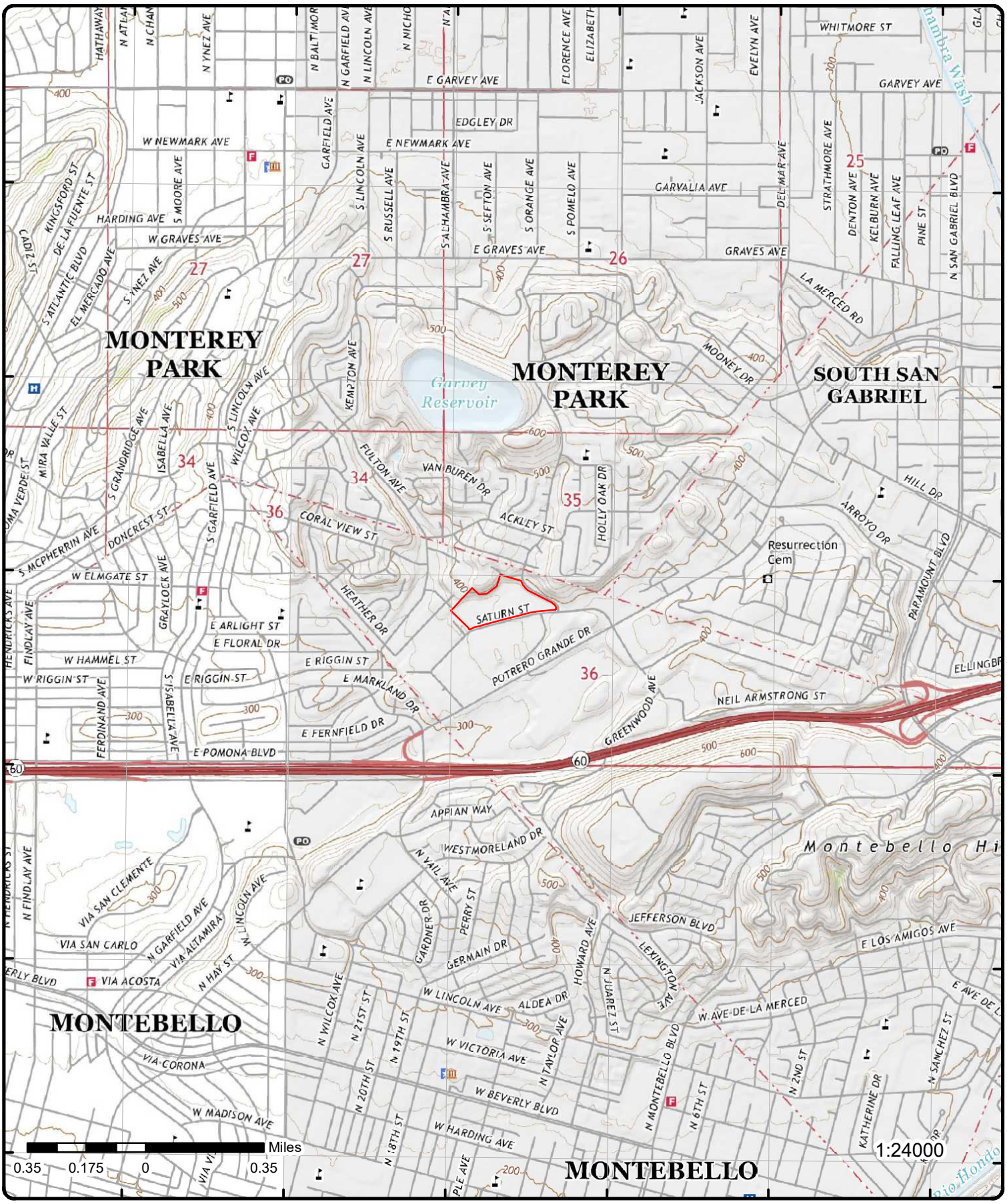
Aerial **Year: 2022**

Order Number: 24040400593

Address: 1977 Saturn Street, MONTEREY PARK, CA

Source: ESRI World Imagery

© ERIS Information Inc.



Topographic Map

Year: 2022

Order Number: 24040400593

Address: 1977 Saturn Street, CA

Quadrangle(s): Los Angeles CA, El Monte CA

Source: USGS Topographic Map

© ERIS Information Inc.

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 18	NE	0.00 / 0.00	385.13 / 3	SANWA BANK CALIFORNIA 1977 SATURN ST MONTEREY PARK CA 91754	RCRA SQG

EPA Handler ID: CAD982463895
Gen Status Universe: Small Quantity Generator
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: 1977 SATURN ST , , MONTEREY PARK , CA, 91754 , US
Contact Phone No and Ext: 213-727-3264
Contact Email:
Contact Country: US
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 19890126
Location Latitude: 34.039796
Location Longitude: -118.113283

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19890126
Handler Name: SANWA BANK CALIFORNIA
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19910628

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Name: SANWA BANK CALIFORNIA
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	NOT REQUIRED
Name:	NOT REQUIRED	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	ME
Phone:	415-555-1212	**Country:**	
Source Type:	Notification	**Zip Code:**	99999

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	NOT REQUIRED
Name:	SANWA BANK CALIFORNIA	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	ME
Phone:	415-555-1212	**Country:**	
Source Type:	Notification	**Zip Code:**	99999

Historical Handler Details

Receive Dt: 19910628
Generator Code Description: Large Quantity Generator
Handler Name: SANWA BANK CALIFORNIA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	2 of 18	NE	0.00 / 0.00	385.13 / 3	UNITED CA BANK 1977 SATURN ST MONTEREY PARK CA 917540000	FINDS/FRS

Registry ID: 110018947773
FIPS Code: 06037
HUC Code: 18070105
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 18-NOV-04
Update Date: 06-AUG-10
Interest Types: SQG, STATE MASTER **Note: Many records provided by the department have a truncated [Interest Types] field.
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 32
Census Block Code: 060374828001007
EPA Region Code: 09
County Name: LOS ANGELES
US/Mexico Border Ind:
Latitude: 34.03972
Longitude: -118.11357
Reference Point: CENTER OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 30
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110018947773
Data Source: Facility Registry Service - Single File
Program Acronyms:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	3 of 18	NE	0.00 / 0.00	385.13 / 3	1977 SATURN ST MONTEREY PARK CA 917557418	HMS LA

Site No: 006994
Area: 3M

Detail Info

Permit No: 000009805
File No: I07311
File Name: BANK OF THE WEST
Status: Permit Closed
Permit Type: Operating Industrial Waste Permit - Local Sewer
Permit Status: Equipment Removed
Permit Category: Industrial Waste Permit

Detail Info

Permit No: 000842830
File No: 062151
File Name: 1977 SATURN
Status: Permit Closed
Permit Type: Underground Storage Tank Operating Permit
Permit Status: Permit Closed
Permit Category: Underground Storage Tank

Detail Info

Permit No: 000895772
File No: 065372
File Name: 1977 SATURN STREET
Status: Equipment Permitted
Permit Type: Operating Industrial Waste Permit - Local Sewer
Permit Status: Equipment Permitted
Permit Category: Industrial Waste Permit

Detail Info

Permit No: 00005594T
File No: 007311
File Name: BANK OF THE WEST
Status: Permit Closed
Permit Type: Underground Storage Tank Operating Permit
Permit Status: Permit Closed
Permit Category: Underground Storage Tank

Detail Info

Permit No: 000892942
File No: 065226
File Name: BRE CA SATURN LLC
Status: Equipment Removed
Permit Type: Underground Storage Tank Operating Permit
Permit Status: Equipment Removed
Permit Category: Underground Storage Tank

Detail Info

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Permit No: 000009804
File No: I07311
File Name: BANK OF THE WEST
Status: Permit Closed
Permit Type: Operating Industrial Waste Permit - Local Sewer
Permit Status: Permit Closed
Permit Category: Industrial Waste Permit

1	4 of 18	NE	0.00 / 0.00	385.13 / 3	SANWA BANK 1977 SATURN ST MONTEREY PARK CA 91755	DELISTED TNK

Delisted Storage Tanks

Facility ID: 7311
Latitude: 34.0417424
Longitude: -118.1127315
Permitting Agency: LOS ANGELES COUNTY
County: Los Angeles
Original Source: UST
Record Date: 30-JAN-2017

1	5 of 18	NE	0.00 / 0.00	385.13 / 3	1977 SATURN ST MONTEREY PARK CA 917557418	HIST MANIFEST

Gen EPA ID: CAD982463895
Create Date: 6/15/1989 0:00:00
Inact Date:
Facility Mail Street: 1977 SATURN ST
Facility Mail City: MONTEREY PARK
Facility Mail State: CA
Facility Mail Zip: 917557418
Contact Phone(s): 3237273017
File Year(s): 1989; 1990; 1991; 1992
Contact Name(s): TRINIDAD STELLA

Tanner Information

State Waste Code: 541
Year: 1989
Tons: 1.12
Method Code: 1
State Waste Code Desc: Photochemicals/photoprocessing waste
Method Description:
Generator County: Los Angeles
Tsd Epa ID: CAD982524613
Tsd County: Orange

Tanner Information

State Waste Code: 151
Year: 1991
Tons: 0.84
Method Code: D80
State Waste Code Desc: Asbestos containing waste
Method Description:
Generator County: Los Angeles
Tsd Epa ID: CAD067786749
Tsd County: Los Angeles

Tanner Information

State Waste Code: 541
Year: 1989
Tons: 1.57
Method Code: R01
State Waste Code Desc: Photochemicals/photoprocessing waste
Method Description:
Generator County: Los Angeles
Tsd Epa ID: CAD982524613
Tsd County: Orange

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tanner Information

State Waste Code:	611	***Generator County:***	Los Angeles
Year:	1990	***Tsd Epa ID:***	CAD980884183
Tons:	0.15	***Tsd County:***	Sacramento
Method Code:	H01		
State Waste Code Desc:	Contaminated soil from site clean-up		
Method Description:			

Tanner Information

State Waste Code:	541	***Generator County:***	Los Angeles
Year:	1989	***Tsd Epa ID:***	CAD981449689
Tons:	5.88	***Tsd County:***	Orange
Method Code:	R01		
State Waste Code Desc:	Photochemicals/photoprocessing waste		
Method Description:			

Tanner Information

State Waste Code:	541	***Generator County:***	Los Angeles
Year:	1990	***Tsd Epa ID:***	CAD982524613
Tons:	4.8	***Tsd County:***	Orange
Method Code:	R01		
State Waste Code Desc:	Photochemicals/photoprocessing waste		
Method Description:			

Tanner Information

State Waste Code:	541	***Generator County:***	Los Angeles
Year:	1992	***Tsd Epa ID:***	CAD982524613
Tons:	2.58	***Tsd County:***	Orange
Method Code:	R01		
State Waste Code Desc:	Photochemicals/photoprocessing waste		
Method Description:			

Tanner Information

State Waste Code:	541	***Generator County:***	Los Angeles
Year:	1991	***Tsd Epa ID:***	CAD982524613
Tons:	8.52	***Tsd County:***	Orange
Method Code:	R01		
State Waste Code Desc:	Photochemicals/photoprocessing waste		
Method Description:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	*6 of 18*	*NE*	*0.00 / 0.00*	*385.13 / 3*	***BANK OF THE WEST*** ***1977 SATURN ST*** ***MONTEREY PARK CA 91755***	***FINDS/FRS***

Registry ID:	110065977090
FIPS Code:	
HUC Code:	18070105
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	14-OCT-15
Update Date:	
Interest Types:	STATE MASTER **Note: Many records provided by the department have a truncated [Interest Types] field.
SIC Codes:	6021
SIC Code Descriptions:	NATIONAL COMMERCIAL BANKS **Note: Many records provided by the department have a truncated [SIC Code Descriptions] field.
NAICS Codes:	
NAICS Code Descriptions:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 32
Census Block Code: 060374828001006
EPA Region Code: 09
County Name: LOS ANGELES
US/Mexico Border Ind:
Latitude: 34.04053
Longitude: -118.11385
Reference Point: CENTER OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 30
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110065977090
Data Source: Facility Registry Service - Single File
Program Acronyms:

1	7 of 18	NE	0.00 / 0.00	385.13 / 3	1977 Saturn 1977 SATURN ST MONTEREY PARK CA 91755	UST

Facility ID: LACoFA0024090
CERS ID: 10268983
County: Los Angeles
Permitting Agency: Los Angeles County Fire Department
Site Facility Type: PERMITTED UNDERGROUND STORAGE TANK (UST)
Note: Information related to facilities can be searched on Geo Tracker Website: https://geotracker.waterboards.ca.gov/search
Latitude: 34.04046
Longitude: -118.11416
CalEnviroScrn 4 Pct: 60-65%

Tank Details

Epa Region: 9
No. of Closed UST: 3
No. of Inuse UST:
No. of Oos UST: 0
Owner Type: Non-Government
Tank ID No.: #2
Tank Status: UST Removal
Tank Type: Single Wall
Tank Alarms: No
Tank Ball Float: No
Tank Operator Name: George Bryant Construction
Tank Operator Mail Address: 9333 Golden St.
Tank Operator Mail City: Alta Loma
Tank Operator Mail State: CA
Tank Operator Mail Zip: 91737
Tank Owner Name: BRE CA Saturn LLC
Tank Owner Mailing Address: 801 N. Brand Ave, Suite 220
Tank Owner Mailing City: Glendale
Tank Owner Mailing State: CA
Tank Owner Mailing Zip: 91203
Tank Capacity Gallons: 10000
Tank Piping Construction: Other
Tank Piping Type: Conventional Suction
Tank Pw Piping Construction: Fiberglass
Tank Sacrificial Anode: No
Tank Closure Date: 11/8/2018 12:00:00 AM
Tank Configuration: Stand Alone Tank
Tank Contents: Diesel
Tank Cp Impr Curr: No
Tank Cp Shutoff: Yes
Tank Installatn Dt: 1/1/1980 12:00:00 AM
Tank No of Compart: 1
Tank Pc Constructn: Fiberglass
Tank Spill Bucket: Yes
Tank Tribal Lands: No

Tank Details

Epa Region: 9
Tank Closure Date: 11/8/2018 12:00:00 AM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

No. of Closed UST:	3	**Tank Configuration:**	Stand Alone Tank
No. of Inuse UST:		**Tank Contents:**	Diesel
No. of Oos UST:	0	**Tank Cp Impr Curr:**	No
Owner Type:	Non-Government	**Tank Cp Shutoff:**	Yes
Tank ID No.:	#1	**Tank Installatn Dt:**	8/1/1991 12:00:00 AM
Tank Status:	UST Removal	**Tank No of Compart:**	1
Tank Type:	Double Wall	**Tank Pc Constructn:**	Steel + Internal Lining
Tank Alarms:	Yes	**Tank Spill Bucket:**	Yes
Tank Ball Float:	No	**Tribal Lands:**	No
Tank Operator Name:	George Bryant Construction		
Tank Operator Mail Address:	9333 Golden St.		
Tank Operator Mail City:	Alta Loma		
Tank Operator Mail State:	CA		
Tank Operator Mail Zip:	91737		
Tank Owner Name:	BRE CA Saturn LLC		
Tank Owner Mailing Address:	801 N. Brand Ave, Suite 220		
Tank Owner Mailing City:	Glendale		
Tank Owner Mailing State:	CA		
Tank Owner Mailing Zip:	91203		
Tank Capacity Gallons:	2000		
Tank Piping Construction:	Other		
Tank Piping Type:	Conventional Suction		
Tank Pw Piping Construction:	Fiberglass		
Tank Sacrificial Anode:	No		

Tank Details

Epa Region:	9	**Tank Closure Date:**	11/8/2018 12:00:00 AM
No. of Closed UST:	3	**Tank Configuration:**	Stand Alone Tank
No. of Inuse UST:		**Tank Contents:**	Diesel
No. of Oos UST:	0	**Tank Cp Impr Curr:**	No
Owner Type:	Non-Government	**Tank Cp Shutoff:**	Yes
Tank ID No.:	#3	**Tank Installatn Dt:**	1/1/1980 12:00:00 AM
Tank Status:	UST Removal	**Tank No of Compart:**	1
Tank Type:	Single Wall	**Tank Pc Constructn:**	Fiberglass
Tank Alarms:	No	**Tank Spill Bucket:**	Yes
Tank Ball Float:	No	**Tribal Lands:**	No
Tank Operator Name:	George Bryant Construction		
Tank Operator Mail Address:	9333 Golden St.		
Tank Operator Mail City:	Alta Loma		
Tank Operator Mail State:	CA		
Tank Operator Mail Zip:	91737		
Tank Owner Name:	BRE CA Saturn LLC		
Tank Owner Mailing Address:	801 N. Brand Ave, Suite 220		
Tank Owner Mailing City:	Glendale		
Tank Owner Mailing State:	CA		
Tank Owner Mailing Zip:	91203		
Tank Capacity Gallons:	10000		
Tank Piping Construction:	Other		
Tank Piping Type:	Conventional Suction		
Tank Pw Piping Construction:	Fiberglass		
Tank Sacrificial Anode:	No		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	*8 of 18*	*NE*	*0.00 / 0.00*	*385.13 / 3*	*SANWA BANK CALIFORNIA* *1977 SATURN ST* *MONTEREY PARK CA 91754*	*EMISSIONS*

1993 Criteria Data

Facility ID:	63620	**CERR Code:**	
Facility SIC Code:	6021	**TOGT:**	.4
CO:	19	**ROGT:**	.3
Air Basin:	SC	**COT:**	0
District:	SC	**NOXT:**	.1
COID:	LA	**SOXT:**	0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DISN:	SOUTH COAST AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

1993 Toxic Data

Facility ID:	63620	**COID:**	LA
Facility SIC Code:	6021	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1995 Criteria Data

Facility ID:	63620	**CERR Code:**	
Facility SIC Code:	6021	**TOGT:**	.4
CO:	19	**ROGT:**	.3
Air Basin:	SC	**COT:**	0
District:	SC	**NOXT:**	.1
COID:	LA	**SOXT:**	0
DISN:	SOUTH COAST AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

1995 Toxic Data

Facility ID:	63620	**COID:**	LA
Facility SIC Code:	6021	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1	*9 of 18*	*NE*	*0.00 / 0.00*	*385.13 / 3*	***SANWA BANK*** ***1977 SATURN STREET*** ***MONTEREY PARK CA 91754***	***EMISSIONS***

1990 Criteria Data

Facility ID:	63620	**CERR Code:**	
Facility SIC Code:	6021	**TOGT:**	0
CO:	19	**ROGT:**	0
Air Basin:	SC	**COT:**	.1
District:	SC	**NOXT:**	.5
COID:	LA	**SOXT:**	0
DISN:	SOUTH COAST AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

1990 Toxic Data

Facility ID:	63620	**COID:**	LA
Facility SIC Code:	6021	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Health Risk Asmt:						
Non-Cancer Chronic Haz Ind:						
Non-Cancer Acute Haz Ind:						
1	10 of 18	NE	0.00 / 0.00	385.13 / 3	1977 Saturn 1977 SATURN ST MONTEREY PARK CA 91755	DELISTED CTNK

Site ID: 10890
County:
Tank Type:
Original Source: CTNK
Record Date: 19-AUG-2019
Latitude: 34.040462
Longitude: -118.114159

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	11 of 18	NE	0.00 / 0.00	385.13 / 3	EQUITY OFFICE 1977 SATURN ST MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC002986628
Gen Status Universe: No Report
Contact Name: ROBERT DEL HIERRO
Contact Address: 1977 SATURN ST , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 323-430-7081
Contact Email: RDELHIERRO@EQOFFICE.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20181026
Location Latitude: 34.039802
Location Longitude: -118.113386

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20181026
Handler Name: EQUITY OFFICE
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1977 SATURN ST
Name:	ROBERT DEL HIERRO	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	323-430-7081	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1977 SATURN ST
Name:	EQUITY OFFICE	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	323-430-7081	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

1	***12 of 18***	***NE***	***0.00 / 0.00***	***385.13 / 3***	***EQUITY OFFICE 1977 SATURN ST MONTEREY PARK CA 91755***	***FINDS/FRS***

Registry ID:	110070439637
FIPS Code:	06037
HUC Code:	18070105
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	31-DEC-18
Update Date:	
Interest Types:	OTHER HAZARDOUS WASTE ACTIVITIES **Note: Many records provided by the department have a truncated [Interest Types] field.
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	RCRAINFO
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	32
Census Block Code:	060374828001006
EPA Region Code:	09
County Name:	LOS ANGELES
US/Mexico Border Ind:	
Latitude:	34.039802
Longitude:	-118.113386
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Coord Collection Method:	GDT-ADDRESS MATCHING (GEOCODING)
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070439637
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

1	***13 of 18***	***NE***	***0.00 / 0.00***	***385.13 / 3***	***1977 SATURN 1977 SATURN ST MONTEREY PARK CA 91755***	***CUPA LA COUNTY***

Facility ID:	FA0024090
CERS ID:	10268983

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Inactive Facility Details

PE: 1001

PE: 7124

PE: 3002

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1 | ***14 of 18*** | ***NE*** | ***0.00 / 0.00*** | ***385.13 / 3*** | ***SANWA BANK 1977 SATURN ST MONTEREY PARK CA*** | ***UST SWEEPS***

C C:	A19-000-7311	***D Filename:***	SITE04A
BOE:	44-008189	***Page No:***	471
Comp:	7311	***County:***	LOS ANGELES
Status:	ACTIVE	***State :***	CA
No of Tanks:	3	***Zip:***	91754
Jurisdict:	LOS ANGELES COUNTY	***Latitude:***	34.03972
Agency:	WASTE MANAGEMENT DEPARTMENT	***Longitude:***	-118.112366
Phone:		***Georesult:***	S5HPNTSC-A

Tank Details

Tank ID:	000003	***S Contain:***	
O Tank ID:	TK3-ELUTRON	***Stg:***	P
SWRCB No:	19-000-007311-000003	***Storage :***	
Removed:		***Storag Type:***	PRODUCT
Installed:		***P Contain:***	
A Date:	01-30-92	***Content:***	
Capac:	2000	***ONA:***	
Tank Use:	PETROLEUM	***D File Name:***	TANK4A

Tank Details

Tank ID:	000002	***S Contain:***	
O Tank ID:		***Stg:***	W
SWRCB No:	19-000-007311-000002	***Storage :***	
Removed:		***Storag Type:***	WASTE
Installed:		***P Contain:***	
A Date:	06-30-89	***Content:***	
Capac:		***ONA:***	
Tank Use:	UNKNOWN	***D File Name:***	TANK4A

Tank Details

Tank ID:	000001	***S Contain:***	
O Tank ID:		***Stg:***	W
SWRCB No:	19-000-007311-000001	***Storage :***	
Removed:		***Storag Type:***	WASTE
Installed:		***P Contain:***	
A Date:	06-30-89	***Content:***	
Capac:	UNKNOWN	***ONA:***	
Tank Use:	UNKNOWN	***D File Name:***	TANK4A

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1 | ***15 of 18*** | ***NE*** | ***0.00 / 0.00*** | ***385.13 / 3*** | ***BRE CA SATURN, LLC 1977 SATURN ST MONTEREY PARK CA 91755*** | ***DELISTED LST***

Delisted Delisted Leaking Storage Tanks

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Global ID: T10000018576
Status: OPEN - INACTIVE
Status Date:
Case Type: LUST CLEANUP SITE
Census Trace:
RWQCB Region:
Date Source: LUST Cleanup Sites from GeoTracker Search(as of May 27, 2022)
County: LOS ANGELES
Latitude:
Longitude:
Oil Field:
Oil Field Operator:

1	16 of 18	NE	0.00 / 0.00	385.13 / 3	**BRE CA OFFICE OWNER LLC.** **1977 SATURN STREET** **MONTEREY PARK CA 91754**	HAZ GEN

Epa ID: CAC002886409
Address 2:
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002886409
Facility County: 19
County: Los Angeles

1	17 of 18	NE	0.00 / 0.00	385.13 / 3	**BANK OF THE WEST** **1977 SATURN ST** **MONTEREY PARK CA 917557418**	HAZ GEN

Epa ID: CAD982463895
Address 2:
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAD982463895
Facility County: 19
County: Los Angeles

1	18 of 18	NE	0.00 / 0.00	385.13 / 3	**BRE CA SATURN, LLC** **1977 SATURN ST** **MONTEREY PARK CA 91755**	GEOTRACKER

Global ID: T10000018576
Facility ID:
Cleanup Status:
Status (SRCH): INFORMATIONAL ITEM / REVIEW COMPLETE
Case Type (DL):
Status (DL):
Status Date (DL):
Site Facility Name (SRCH): BRE CA SATURN, LLC
Business Name:
Address: 1977 SATURN ST
City: MONTEREY PARK
County: LOS ANGELES
Zip: 91755
State: CA
Data Source: Cleanup Program Sites - GeoTracker Search Results (SRCH)
Site Facility Type:
Site Fac Type(SRCH): NON-CASE INFORMATION
RWQCB Region (DL):
Census Tract: 6037482800
Longitude:
Latitude:

GeoTracker Sites Data Download - Site Details

RB Case No: R-65226
Local Case No:
Begin Date: 2020-04-27 00:00:00
Lead Agency: LOS ANGELES RWQCB (REGION 4)
CUF Case: NO
Local Agency:
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC:
How Discovered:

Stop Method:
Stop Description:
Case Manager: ABL
Military DoD Site: No
Leak Reported Dt: 2020-04-27 00:00:00
No Further Action Dt:
Potential Media of Concern:
How Discovered Description:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name:
Disadvantaged Community:
Coordinate Source:
Discharge Cause: Unknown
Discharge Source: Other
Facility Project Sub Type:
Calenviroscreen 3 Score: 71-75%
Calenviroscreen 4 Score: 60-65%
File Location:
Site History:

GeoTracker Sites Data Download - Regulatory Activity

Action: Staff Letter
Action Type: ENFORCEMENT
Date : 2022-06-28 00:00:00

Action: Leak Began
Action Type: Other
Date : 2020-04-27 00:00:00

Action: Leak Discovery
Action Type: Other
Date : 2020-04-27 00:00:00

Action: Referral to Regional Board
Action Type: ENFORCEMENT
Date : 2020-04-27 00:00:00

Action: Leak Reported
Action Type: Other
Date : 2020-04-27 00:00:00

GeoTracker Sites Data Download - Status History

Status: Informational Item / Review Complete
Status Date: 2022-06-28 00:00:00

Status: Open - Inactive
Status Date: 2022-02-11 00:00:00

Status: Open - Case Begin Date
Status Date: 2020-04-27 00:00:00

GeoTracker Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker - Primary Caseworker
Contact Name: ANN B. LIN
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH STREET, SUITE 200
City: LOS ANGELES
Email: alin@waterboards.ca.gov
Phone No:

GeoTracker Search - Regulatory Profile (as of October 16, 2023)

Project Status:
CUF Claim No:
CUF Amount Paid:
Potential COC: NONE SPECIFIED
WDR Place Type:
WDR File No:
WDR Order No:
Cleanup Status Detail: INFORMATIONAL ITEM / REVIEW COMPLETE AS OF 6/28/2022
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000018576&tabname=regulatoryhistory
Potential Media of Concern: NONE SPECIFIED
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
DWR GW Sub Basin:
CalWater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use Reorted:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: R-65226
CASE MANAGER: ANN B. LIN
CUF Priority Assigned:
Project Oversight Agencies:
Facility Type:
Composting Method:
Groundwater Monitoring Freque:
File Location:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000018576
Site History:

No site history available

GeoTracker Search - Regulatory Activities (as of October 16, 2023)

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 6/28/2022
Received Issue Date: 6/28/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000018576&enforcement_id=6498539&temptable=ENFORCEMENT
Title Description Comments:

Non-case Determination

Action Type: Referral to Other Agency
Action: Referral to Regional Board
Action Date: 4/27/2020
Received Issue Date: 4/27/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000018576&enforcement_id=6487275&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Leak Action
Action: Leak Began
Action Date: 4/27/2020
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 4/27/2020

Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 4/27/2020
Received Issue Date:
Doc Link:
Title Description Comments:

GeoTracker Search - Documents (as of October 16, 2023)

Title: NON-CASE DETERMINATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000018576&enforcement_id=6498539
Type: STAFF LETTER
Submitted:
Submitted By: NHAN BAO (REGULATOR)
Document Type: Site Documents
Document Date: 6/28/2022
Size :

Title: REFERRAL TO REGIONAL BOARD
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000018576&enforcement_id=6487275
Type: REFERRAL TO REGIONAL BOARD
Submitted:
Submitted By: MARIA BAMBICO (REGULATOR)
Document Type: Site Documents
Document Date: 4/27/2020
Size :

GeoTracker Search - Cleanup Status History (as of October 16, 2023)

Status: Informational Item / Review Complete
Date : 6/28/2022

Status: Open - Inactive
Date : 2/11/2022

Status: Open - Case Begin Date
Date : 4/27/2020

2	1 of1	ESE	0.01 / 44.71	386.82 / 5	T-MOBILE WEST SITE ID#IE04996A 1970 SATURN ST MONTEREY PARK CA 91755	CUPA LA COUNTY

Facility ID: FA0041161
CERS ID: 0

Inactive Facility Details

PE: 3000

3	1 of1	WNW	0.01 / 53.12	428.19 / 46	CITY OF MONTEREY PARK 1980 CLOVER DR MONTEREY PARK CA 91754	HAZ GEN

Epa ID: CAC002567602 ***Facility County:*** 19
Address 2: ***County:*** Los Angeles
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Profile URL: https://hwts.dtsc.ca.gov/search
https://hwts.dtsc.ca.gov/facility/CAC002567602

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4 **1 of6** **WSW** **0.01 / 74.77** **344.16 / -38**

UNION BANK
2001 SATURN ST
MONTEREY PARK CA 91755

FINDS/FRS

Registry ID: 110055896160
FIPS Code: 19
HUC Code: 18070105
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 15-SEP-13
Update Date: 10-OCT-15
Interest Types: STATE MASTER **Note: Many records provided by the department have a truncated [Interest Types] field.
SIC Codes: 6021
SIC Code Descriptions: NATIONAL COMMERCIAL BANKS **Note: Many records provided by the department have a truncated [SIC Code Descriptions] field.
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 32
Census Block Code: 060374828001006
EPA Region Code: 09
County Name: LOS ANGELES
US/Mexico Border Ind:
Latitude: 34.03939
Longitude: -118.11663
Reference Point: CENTER OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 30
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110055896160
Data Source: Facility Registry Service - Single File
Program Acronyms:

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4 **2 of6** **WSW** **0.01 / 74.77** **344.16 / -38**

2001 Saturn St
2001 SATURN ST
MONTEREY PARK CA 91755

DELISTED CTNK

Site ID: 78726
County:
Tank Type:
Original Source: CTNK
Record Date: 07-OCT-2022
Latitude: 34.039387
Longitude: -118.116623

---

4 **3 of6** **WSW** **0.01 / 74.77** **344.16 / -38**

UNION BANK
2001 SATURN ST
MONTEREY PARK CA 91755

CUPA LA COUNTY

Facility ID: FA0040835
CERS ID: 10267867

Active Facility Details

PE: 3701

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
PE:		3003				
4	4 of6	WSW	0.01 / 74.77	344.16 / -38	2001 SATURN LLC 2001 SATURN ST. MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC003198580
Gen Status Universe: No Report
Contact Name: GUS KIM
Contact Address: 2001 SATURN ST. , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 213-310-3670
Contact Email: P3104081475@GMAIL.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20221008
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20221008
Handler Name: 2001 SATURN LLC
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: GUS KIM
Date Became Current:
Date Ended Current:
Phone: 213-310-3670
Source Type: Implementer

Street No:
Street 1: 2001 SATURN ST.
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	2001 SATURN ST.
Name:	2001 SATURN, LCC	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	213-310-3670	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	5 of6	WSW	0.01 / 74.77	344.16 / -38	2001 SATURN LLC 2001 SATURN ST MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC003195784
Gen Status Universe:	No Report
Contact Name:	GUSS KIM
Contact Address:	2001 SATURN ST , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	213-310-3670
Contact Email:	GUSS@ILIKEDREAMS.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20220920
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20220920
Handler Name:	2001 SATURN LLC
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	2001 SATURN ST
Name:	2001 SATURN LLC	**Street 2:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	213-310-3670	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	2001 SATURN ST
Name:	GUSS KIM	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	213-310-3670	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

4	6 of6	WSW	0.01 / 74.77	344.16 / -38	**2001 SATURN LLC** **2001 SATURN ST** **MONTEREY PARK CA 91755**	FINDS/FRS

Registry ID:	110071330538
FIPS Code:	06037
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	04-OCT-22
Update Date:	
Interest Types:	UNSPECIFIED UNIVERSE **Note: Many records provided by the department have a truncated [Interest Types] field.
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	237110, 531312
NAICS Code Descriptions:	NONRESIDENTIAL PROPERTY MANAGERS., WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION.
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	
Census Block Code:	
EPA Region Code:	09
County Name:	LOS ANGELES
US/Mexico Border Ind:	
Latitude:	
Longitude:	
Reference Point:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110071330538
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

5	1 of3	W	0.01 / 77.65	357.82 / -24	**JOSEPH DELGADILLO** **2004 CLOVER DR** **MONTEREY PARK CA 91755**	RCRA TSD

EPA Handler ID:	CAC003008782
Gen Status Universe:	No Report
Contact Name:	JOSEPH DELGADILLO
Contact Address:	2004 CLOVER DR , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-400-7843
Contact Email:	ADMIN@VIKINGENVIRO.COM
Contact Country:	
Land Type:	
County Name:	LOS ANGELES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

EPA Region: 09
Receive Date: 20190404
Location Latitude: 34.040293
Location Longitude: -118.117096

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20190404
Handler Name: JOSEPH DELGADILLO
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer
TSD Activity: Y

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: JOSEPH DELGADILLO
Date Became Current:
Date Ended Current:
Phone: 626-400-7843
Source Type: Implementer
Street No:
Street 1: 2004 CLOVER DR
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Owner
Type: Other
Name: JOSEPH DELGADILLO
Date Became Current:
Date Ended Current:
Phone: 626-400-7843
Source Type: Implementer
Street No:
Street 1: 2004 CLOVER DR
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

5	2 of3	W	0.01 / 77.65	357.82 / -24	JOSEPH DELGADILLO 2004 CLOVER DR MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC003008782
Gen Status Universe: No Report
Contact Name: JOSEPH DELGADILLO

Contact Address:	2004 CLOVER DR , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-400-7843
Contact Email:	ADMIN@VIKINGENVIRO.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20190404
Location Latitude:	34.040293
Location Longitude:	-118.117096

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190404
Handler Name:	JOSEPH DELGADILLO
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	2004 CLOVER DR
Name:	JOSEPH DELGADILLO	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-400-7843	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	2004 CLOVER DR
Name:	JOSEPH DELGADILLO	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-400-7843	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

5	*3 of3*	*W*	*0.01 / 77.65*	*357.82 / -24*	***JOSEPH DELGADILLO 2004 CLOVER DR***	***FINDS/FRS***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					MONTEREY PARK CA 91755	

Registry ID: 110070574031
FIPS Code: 06037
HUC Code: 18070105
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 20-AUG-19
Update Date:
Interest Types: OTHER HAZARDOUS WASTE ACTIVITIES **Note: Many records provided by the department have a truncated [Interest Types] field.
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: RCRAINFO
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 32
Census Block Code: 060374828001006
EPA Region Code: 09
County Name: LOS ANGELES
US/Mexico Border Ind:
Latitude: 34.040293
Longitude: -118.117096
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Coord Collection Method: GDT-ADDRESS MATCHING (GEOCODING)
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070574031
Data Source: Facility Registry Service - Single File
Program Acronyms:

6	1 of29	SSW	0.02 / 90.44	347.30 / -35	UNION BANK OPERATIONS CENTER 1980 SATURN ST MONTEREY PARK CA 91755	DELISTED TNK

Delisted Storage Tanks

Facility ID: 8139
Latitude: 34.039663
Longitude: -118.11256
Permitting Agency: LOS ANGELES COUNTY
County: Los Angeles
Original Source: UST
Record Date: 30-JAN-2017

6	2 of29	SSW	0.02 / 90.44	347.30 / -35	1980 SATURN ST MONTEREY PARK CA 917557417	HMS LA

Site No: 009094
Area: 3M

Detail Info

Permit No: 00001066T
File No: 008139
File Name: UNION BANK OPERATIONS CENTER

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status: Equipment Permitted
Permit Type: Underground Storage Tank Operating Permit
Permit Status: Equipment Permitted
Permit Category: Underground Storage Tank

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6 | **3 of29** | **SSW** | **0.02 / 90.44** | **347.30 / -35** | **1980 SATURN ST**
MONTEREY PARK CA 917557417 | **HMS LA**

Site No: 007708
Area: 3M

Detail Info

Permit No: 00008924C
File No: I08139
File Name: UNION BANK OPERATIONS CENTER
Status: Equipment Permitted
Permit Type: Operating Industrial Waste Permit - Local Sewer
Permit Status: Equipment Permitted
Permit Category: Industrial Waste Permit

Detail Info

Permit No: 000008923
File No: I08139
File Name: UNION BANK OPERATIONS CENTER
Status: Equipment Permitted
Permit Type: Operating Industrial Waste Permit - Local Sewer
Permit Status: Permit Closed
Permit Category: Industrial Waste Permit

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6 | **4 of29** | **SSW** | **0.02 / 90.44** | **347.30 / -35** | **UNION BANK OF CALIFORNIA**
1980 SATURN ST
MONTEREY PARK CA 917557417 | **HAZNET**

SIC Code:
NAICS Code:
EPA ID: CAC002624712
Create Date: 12/7/2007
Fac Act Ind: No
Inact Date: 6/5/2008
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: 1980 SATURN ST
Mailing Addr 2:
Owner Fax:
Mailing City: MONTEREY PARK
Mailing State: CA
Mailing Zip: 917557417
Region Code: 3
Owner Name: UNION BANK OF CALIFORNIA
Owner Addr 1: 1980 SATURN ST
Owner Addr 2:
Owner City: MONTEREY PARK
Owner State: CA
Owner Zip: 917557417
Owner Phone: 3232786147
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
DTSC Handler Profile url: https://hwts.dtsc.ca.gov/facility/CAC002624712

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6 | **5 of29** | **SSW** | **0.02 / 90.44** | **347.30 / -35** | **1X UNION BANK**
1980 SATURN ST
MONTEREY PARK CA 917540000 | **HAZNET**

SIC Code:
NAICS Code:
EPA ID: CAC000072285
Create Date: 3/15/1988
Fac Act Ind: No
Inact Date: 10/25/2000
Mailing City: MONTEREY PARK
Mailing State: CA
Mailing Zip: 917540000
Region Code: 3
Owner Name: --
Owner Addr 1: --

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: --
Mailing Addr 2:
Owner Fax:
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
DTSC Handler Profile url: https://hwts.dtsc.ca.gov/facility/CAC000072285
Owner Addr 2:
Owner City: --
Owner State: 99
Owner Zip: --
Owner Phone: 0000000000

6	6 of29	SSW	0.02 / 90.44	347.30 / -35	1980 SATURN ST MONTEREY PARK CA 917557417	HIST MANIFEST

Gen EPA ID: CAL000030909
Create Date: 5/16/1990 0:00:00
Inact Date: 6/30/2001 0:00:00
Facility Mail Street: 1980 SATURN ST
Facility Mail City: MONTEREY PARK
Facility Mail State: CA
Facility Mail Zip: 917557417
Contact Phone(s): 2137202092
File Year(s): 1989; 1990; 1991; 1992
Contact Name(s): JASON LUND

Tanner Information

State Waste Code: 222
Year: 1992
Tons: 0.16
Method Code: R01
State Waste Code Desc: Oil/water separation sludge
Method Description:
Generator County: Los Angeles
Tsd Epa ID: CAD099452708
Tsd County: Los Angeles

Tanner Information

State Waste Code: 141
Year: 1992
Tons: 0.08
Method Code: 15
State Waste Code Desc: Off-specification, aged or surplus inorganics
Method Description:
Generator County: Los Angeles
Tsd Epa ID: CAD097030993
Tsd County: Los Angeles

Tanner Information

State Waste Code: 261
Year: 1990
Tons: 2.47
Method Code: 7
State Waste Code Desc: Polychlorinated biphenyls and material containing PCBs
Method Description:
Generator County: Los Angeles
Tsd Epa ID: KSD980964993
Tsd County:

Tanner Information

State Waste Code: 541
Year: 1991
Tons: 0.45
Method Code: R01
State Waste Code Desc: Photochemicals/photoprocessing waste
Method Description:
Generator County: Los Angeles
Tsd Epa ID: CAD982524613
Tsd County: Orange

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tanner Information

State Waste Code:	214	***Generator County:***	Los Angeles
Year:	1992	***Tsd Epa ID:***	CAD089446710
Tons:	0.22	***Tsd County:***	Los Angeles
Method Code:	1		
State Waste Code Desc:	Unspecified solvent mixture		
Method Description:			

Tanner Information

State Waste Code:	541	***Generator County:***	Los Angeles
Year:	1989	***Tsd Epa ID:***	CAD982524613
Tons:	0.45	***Tsd County:***	Orange
Method Code:	R01		
State Waste Code Desc:	Photochemicals/photoprocessing waste		
Method Description:			

Tanner Information

State Waste Code:	541	***Generator County:***	Los Angeles
Year:	1992	***Tsd Epa ID:***	CAD982524613
Tons:	0.45	***Tsd County:***	Orange
Method Code:	R01		
State Waste Code Desc:	Photochemicals/photoprocessing waste		
Method Description:			

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6 ***7 of29*** ***SSW*** ***0.02 / 90.44*** ***347.30 / -35*** ***1980 SATURN ST MONTEREY PARK CA 917540000*** ***HIST MANIFEST***

Gen EPA ID:	CAC000072285
Create Date:	3/15/1988 0:00:00
Inact Date:	10/25/2000 0:00:00
Facility Mail Street:	--
Facility Mail City:	MONTEREY PARK
Facility Mail State:	CA
Facility Mail Zip:	917540000
Contact Phone(s):	2137202092
File Year(s):	1988
Contact Name(s):	BRIAN NELSON

Tanner Information

State Waste Code:	222	***Generator County:***	Los Angeles
Year:	1988	***Tsd Epa ID:***	CAT080025711
Tons:	0.2	***Tsd County:***	San Bernardino
Method Code:			
State Waste Code Desc:	Oil/water separation sludge		
Method Description:			

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6 ***8 of29*** ***SSW*** ***0.02 / 90.44*** ***347.30 / -35*** ***UNION BANK 1980 SATURN ST MONTEREY PARK CA 91755*** ***FINDS/FRS***

Registry ID:	110066549079
FIPS Code:	06037
HUC Code:	18070105
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	14-OCT-15
Update Date:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Interest Types:	OTHER HAZARDOUS WASTE ACTIVITIES, STATE MASTER, UNSPECIFIED UNIVERSE **Note: Many records provided by the department have a truncated [Interest Types] field.
SIC Codes:	6021
SIC Code Descriptions:	NATIONAL COMMERCIAL BANKS **Note: Many records provided by the department have a truncated [SIC Code Descriptions] field.
NAICS Codes:	522110
NAICS Code Descriptions:	COMMERCIAL BANKING.
Conveyor:	FRS-GEOCODE
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	32
Census Block Code:	060374828001007
EPA Region Code:	09
County Name:	LOS ANGELES
US/Mexico Border Ind:	
Latitude:	34.03834
Longitude:	-118.11397
Reference Point:	CENTER OF A FACILITY OR STATION
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110066549079
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

6	9 of29	SSW	0.02 / 90.44	347.30 / -35	**UNION BANK** **1980 SATURN STREET** **MONTEREY PARK CA 91755**	HAZNET

SIC Code:	6021,6022,6029,6081	**Mailing City:**	MONTEREY PARK
NAICS Code:	52211	**Mailing State:**	CA
EPA ID:	CAC002877989	**Mailing Zip:**	91755
Create Date:	9/15/2016	**Region Code:**	3
Fac Act Ind:	Yes	**Owner Name:**	UNION BANK
Inact Date:		**Owner Addr 1:**	1980 SATURN STREET
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	MONTEREY PARK
Mail Name:		**Owner State:**	CA
Mailing Addr 1:	1980 SATURN STREET	**Owner Zip:**	91755
Mailing Addr 2:		**Owner Phone:**	3237202572
Owner Fax:			
Details DTSC HWTS:	The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search		
DTSC Handler Profile url:	https://hwts.dtsc.ca.gov/facility/CAC002877989		

6	10 of29	SSW	0.02 / 90.44	347.30 / -35	**UNION BANK** **1980 SATURN ST** **MONTEREY PARK CA 917557417**	HAZNET

SIC Code:	6021,6022,6029,6081	**Mailing City:**	MONTEREY PARK
NAICS Code:	52211	**Mailing State:**	CA
EPA ID:	CAC002864894	**Mailing Zip:**	917557417
Create Date:	6/14/2016	**Region Code:**	3
Fac Act Ind:	No	**Owner Name:**	UNION BANK
Inact Date:	9/14/2016	**Owner Addr 1:**	1980 SATURN ST
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	MONTEREY PARK
Mail Name:		**Owner State:**	CA
Mailing Addr 1:	1980 SATURN ST	**Owner Zip:**	917557417
Mailing Addr 2:		**Owner Phone:**	3237202092
Owner Fax:	3237207380		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search

DTSC Handler Profile url: https://hwts.dtsc.ca.gov/facility/CAC002864894

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6 | ***11 of29*** | ***SSW*** | ***0.02 / 90.44*** | ***347.30 / -35*** | ***UNION BANK***
1980 SATURN ST
MONTEREY PARK CA 91755 | ***UST***

Facility ID: LACoFA0024092
CERS ID: 10263178
County: Los Angeles
Permitting Agency: Los Angeles County Fire Department
Site Facility Type: PERMITTED UNDERGROUND STORAGE TANK (UST)
Note: Information related to facilities can be searched on Geo Tracker Website: https://geotracker.waterboards.ca.gov/search

Latitude: 34.03831
Longitude: -118.11391
CalEnviroScrn 4 Pct: 60-65%

Tank Details

Epa Region: 9
No. of Closed UST: 0
No. of Inuse UST:
No. of Oos UST: 0
Owner Type: Non-Government
Tank ID No.: 1
Tank Status: Confirmed/Updated Information
Tank Type: Double Wall
Tank Alarms: No
Tank Ball Float: No
Tank Operator Name: Union Bank
Tank Operator Mail Address: 1980 Saturn St.
Tank Operator Mail City: Monterey Park
Tank Operator Mail State: Ca
Tank Operator Mail Zip: 91755-7443
Tank Owner Name: UNION BANK
Tank Owner Mailing Address: 1980 Saturn St.
Tank Owner Mailing City: Monterey Park
Tank Owner Mailing State: Ca
Tank Owner Mailing Zip: 91755
Tank Capacity Gallons: 4000
Tank Piping Construction: Double Walled
Tank Piping Type: Conventional Suction
Tank Pw Piping Construction: Flexible
Tank Sacrificial Anode: No

Tank Closure Date:
Tank Configuration: Stand Alone Tank
Tank Contents: Diesel
Tank Cp Impr Curr: No
Tank Cp Shutoff: Yes
Tank Installatn Dt: 1/1/1986 12:00:00 AM
Tank No of Compart: 1
Tank Pc Constructn: Steel
Tank Spill Bucket: Yes
Tank Tribal Lands: No

Tank Details

Epa Region: 9
No. of Closed UST: 0
No. of Inuse UST:
No. of Oos UST: 0
Owner Type: Non-Government
Tank ID No.: 4
Tank Status: Confirmed/Updated Information
Tank Type: Double Wall
Tank Alarms: No
Tank Ball Float: No
Tank Operator Name: Union Bank
Tank Operator Mail Address: 1980 Saturn St.
Tank Operator Mail City: Monterey Park
Tank Operator Mail State: Ca
Tank Operator Mail Zip: 91755-7443
Tank Owner Name: UNION BANK
Tank Owner Mailing Address: 1980 Saturn St.
Tank Owner Mailing City: Monterey Park

Tank Closure Date:
Tank Configuration: Stand Alone Tank
Tank Contents: Diesel
Tank Cp Impr Curr: No
Tank Cp Shutoff: Yes
Tank Installatn Dt: 1/1/1986 12:00:00 AM
Tank No of Compart: 1
Tank Pc Constructn: Steel
Tank Spill Bucket: Yes
Tank Tribal Lands: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tank Owner Mailing State: Ca
Tank Owner Mailing Zip: 91755
Tank Capacity Gallons: 10000
Tank Piping Construction: Double Walled
Tank Piping Type: Conventional Suction
Tank Pw Piping Construction: Flexible
Tank Sacrificial Anode: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	12 of29	SSW	0.02 / 90.44	347.30 / -35	UNION BANK (VOLK CENTER) 1980 SATURN ST MONTEREY PARK CA 91754	EMISSIONS

1990 Criteria Data

Facility ID: 51882
Facility SIC Code: 6021
CO: 19
Air Basin: SC
District: SC
COID: LA
DISN: SOUTH COAST AQMD
CHAPIS:
CERR Code:
TOGT: 0
ROGT: 0
COT: .2
NOXT: 1.1
SOXT: 0
PMT: .1
PM10T: .0976

1990 Toxic Data

Facility ID: 51882
Facility SIC Code: 6021
CO: 19
Air Basin: SC
District: SC
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: LA
DISN: SOUTH COAST AQMD
CHAPIS:
CERR Code:

1993 Criteria Data

Facility ID: 51882
Facility SIC Code: 6021
CO: 19
Air Basin: SC
District: SC
COID: LA
DISN: SOUTH COAST AQMD
CHAPIS:
CERR Code:
TOGT:
ROGT:
COT: .2
NOXT: 1.6
SOXT:
PMT: 0
PM10T: 0

1993 Toxic Data

Facility ID: 51882
Facility SIC Code: 6021
CO: 19
Air Basin: SC
District: SC
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: LA
DISN: SOUTH COAST AQMD
CHAPIS:
CERR Code:

1995 Criteria Data

Facility ID: 51882
CERR Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility SIC Code:	6021	**TOGT:**	
CO:	19	**ROGT:**	
Air Basin:	SC	**COT:**	.2
District:	SC	**NOXT:**	1.6
COID:	LA	**SOXT:**	
DISN:	SOUTH COAST AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

1995 Toxic Data

Facility ID:	51882	**COID:**	LA
Facility SIC Code:	6021	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

6	***13 of29***	***SSW***	***0.02 / 90.44***	***347.30 / -35***	***UNION BANK 1980 SATURN ST MONTEREY PARK CA 91755***	***CERS TANK***

Site ID:	404823
Latitude:	34.038315
Longitude:	-118.113907

Regulated Programs

EI ID:	10263178
EI Description:	Chemical Storage Facilities
EI ID:	10263178
EI Description:	Underground Storage Tank

Violations

Violation Date:	05/27/2020	**Violation Source:**	CERS
Violation Program:	UST	**Violation Division:**	Los Angeles County Department of Public Works

Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)

Violation Notes:

Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.

Violation Description:

Failure to have current UST Monitoring Plan available on site.

Violations

Violation Date:	07/20/2023	**Violation Source:**	CERS
Violation Program:	UST	**Violation Division:**	Los Angeles County Department of Public Works

Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284

Violation Notes:

AR BAL OF $4070.60. MUST PAY AR BAL OF $4070.60

Violation Description:

Failure to obtain a valid permit to operate from the UPA including but not limited to unpaid permit fees.

Violations

Violation Date: 03/31/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to have an approved UST Monitoring Plan.

Violations

Violation Date: 07/01/2015
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

The owner/operator has failed to designate an UST operator or to inform the CUPA or any change in the designated UST operator(s) within 30 days after a change.

Violations

Violation Date: 05/27/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: HSC 6.7 25284(a)(3)(A)&(B) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A)&(B)
Violation Notes:

Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.

Violation Description:

Failure to implement or maintain a written agreement between the UST owner and operator.

Violations

Violation Date: 04/16/2014
Violation Source: CERS
Violation Program: HMRRP
Violation Division: Los Angeles County Fire Department
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Notes:

Returned to compliance on 02/11/2015. Complete and submit the following information through California Environmental Reporting System (CERS). 1. Business Activity Plan. 2. Business Owner's Information. 3. Chemical Inventory. 4. Site Map. 5. Emergency Response & Contingency Plan. 6. Training Plan. Observed no CERS submittal at time of inspection.

Violation Description:

Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.

Violations

Violation Date: 03/31/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to have an approved UST Response Plan.

Violations

Violation Date: 07/02/2014 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit statement of UST compliance and/or Designated Operator certification.

Violations

Violation Date: 05/27/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(a)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(2)
Violation Notes:

Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.

Violation Description:

Failure to submit the "Underground Storage Tank Statement of Understanding and Compliance Form."

Violations

Violation Date: 06/04/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to have current UST Monitoring Plan available on site.

Violations

Violation Date: 03/31/2017 ***Violation Source:*** CERS

Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.

Violations

Violation Date: 07/01/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to maintain on site an approved monitoring plan.

Violations

Violation Date: 06/04/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to submit a current UST Response Plan available on site.

Violations

Violation Date: 06/29/2022 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Notes:

Returned to compliance on 08/12/2022. NO CERS UPDATED; FRCT EXP. AND CHIEF LETTER EXP. MUST UPDATE CERS, SUBMIT CURRENT FRCT AND CHIEF LETTER

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 07/02/2014 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 06/13/2023 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

CERS FRCT,RESPONSE PLAN,MONITORING PLAN,OSDO NEED UPDATING FOR NEW SITE CONTACT INFORMATION. MUST UPDATE CERS FOR NEW SITE CONTACTS

Violation Description:

Failure to have an approved UST Monitoring Plan.

Violations

Violation Date: 09/05/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Notes:

Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL, ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.

Violation Description:

Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the UPA or special inspector.

Violations

Violation Date: 05/27/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.

Violation Description:

Failure to have an approved UST Monitoring Plan.

Violations

Violation Date: 08/02/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 06/13/2023 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(a)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(2)
Violation Notes:

CERS FRCT,RESPONSE PLAN,MONITORING PLAN,OSDO NEED UPDATING FOR NEW SITE CONTACT INFORMATION. MUST UPDATE CERS FOR NEW SITE CONTACTS

Violation Description:

Failure to submit the "Underground Storage Tank Statement of Understanding and Compliance Form."

Violations

Violation Date: 08/02/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.

Violations

Violation Date: 06/13/2023 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

CERS FRCT,RESPONSE PLAN,MONITORING PLAN,OSDO NEED UPDATING FOR NEW SITE CONTACT INFORMATION. MUST UPDATE CERS FOR NEW SITE CONTACTS

Violation Description:

Failure to have current UST Monitoring Plan available on site.

Violations

Violation Date: 08/02/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to have a UST Monitoring Plan available on site.

Violations

Violation Date: 06/04/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to implement the corrections specified in the inspection report within 30 days of receiving an inspection report from either the UPA or special inspector.

Violations

Violation Date: 07/20/2023 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Notes:

AR BAL OF $4070.60. MUST PAY AR BAL OF $4070.60

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 07/02/2014 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.

Violations

Violation Date: 03/31/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 25284(a)(3)(A) & (B); - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A) & (B);
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to implement or maintain a written agreement between the UST permit holder and the operator (owner/operator agreement).

Violations

Violation Date: 06/13/2023 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

CERS FRCT,RESPONSE PLAN,MONITORING PLAN,OSDO NEED UPDATING FOR NEW SITE CONTACT INFORMATION. MUST UPDATE CERS FOR NEW SITE CONTACTS

Violation Description:

Failure to have an approved UST Response Plan.

Violations

Violation Date: 06/04/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to have an approved UST Response Plan.

Violations

Violation Date: 05/27/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 25292.2(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.2(a)
Violation Notes:

Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 06/13/2023 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

CERS FRCT,RESPONSE PLAN,MONITORING PLAN,OSDO NEED UPDATING FOR NEW SITE CONTACT INFORMATION. MUST UPDATE CERS FOR NEW SITE CONTACTS

Violation Description:

Failure to submit a current UST Response Plan available on site.

Violations

Violation Date: 08/02/2017 ***Violation Source:*** CERS

Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 06/04/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 25292.2(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.2(a)
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 07/01/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit statement of UST compliance and/or Designated Operator certification.

Violations

Violation Date: 06/04/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 05/27/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Notes:

Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.

Violation Description:

Failure to submit or maintain a current facility plot plan.

Violations

Violation Date: 08/02/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit or update a plot plan.

Violations

Violation Date: 03/31/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 03/31/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e)
Violation Notes:

Returned to compliance on 08/02/2017.

Violation Description:

Failure to maintain secondary containment (e.g. failure of secondary containment testing).

Violations

Violation Date: 05/27/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.

Violation Description:

Failure to submit a current UST Response Plan available on site.

Violations

Violation Date: 06/13/2023 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 25292.2(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.2(a)
Violation Notes:

CERS FRCT,RESPONSE PLAN,MONITORING PLAN,OSDO NEED UPDATING FOR NEW SITE CONTACT INFORMATION. MUST UPDATE CERS FOR NEW SITE CONTACTS

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 09/05/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL, ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.

Violation Description:

Failure to have an approved UST Response Plan.

Violations

Violation Date: 09/05/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Notes:

Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL, ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.

Violation Description:

Failure to submit the UPA. of the designated operator (DO) identification and/or change of the DO within 30 days.

Violations

Violation Date: 03/31/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit or update a plot plan.

Violations

Violation Date: 06/04/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(a)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(2)
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to submit the "Underground Storage Tank Statement of Understanding and Compliance Form."

Violations

Violation Date: 06/04/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to have an approved UST Monitoring Plan.

Violations

Violation Date: 03/31/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 03/31/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to have a UST Monitoring Plan available on site.

Violations

Violation Date: 03/31/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to have a UST Response Plan available on site.

Violations

Violation Date: 08/02/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to have an approved UST Response Plan.

Violations

Violation Date: 06/07/2021
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: HSC 6.7 25292.2(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.2(a)
Violation Notes:

Returned to compliance on 06/30/2021. 2019 CTES WAS REJECTED FOR INCORRECTED GENERATOR ROOM SENSOR.FRCT IN CERS EXPIRED.

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 08/02/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to have a UST Response Plan available on site.

Violations

Violation Date: 07/02/2014
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public

Works

Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit, obtain approval, or maintain a complete/accurate response plan.

Violations

Violation Date: 06/13/2023 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Notes:

CERS FRCT,RESPONSE PLAN,MONITORING PLAN,OSDO NEED UPDATING FOR NEW SITE CONTACT INFORMATION. MUST UPDATE CERS FOR NEW SITE CONTACTS

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 09/05/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(i)
Violation Notes:

Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL, ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.

Violation Description:

Failure to properly affix tag/sticker on monitoring equipment being certified, repaired, or replaced.

Violations

Violation Date: 06/04/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to submit the "Designated Underground Storage Tank Operator Identification Form" within 30 days of installing a UST system or within 30 days of a change in DO.

Violations

Violation Date: 08/02/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works

Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the CUPA or special inspector.

Violations

Violation Date: 08/02/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to maintain secondary containment (e.g. failure of secondary containment testing).

Violations

Violation Date: 08/02/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to have an approved UST Monitoring Plan.

Violations

Violation Date: 07/01/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 06/04/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP

PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.

Violations

Violation Date: 09/05/2018
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Notes:

Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL, ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 06/29/2022
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: HSC 6.7 25292.2(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.2(a)
Violation Notes:

Returned to compliance on 08/12/2022. NO CERS UPDATED; FRCT EXP. AND CHIEF LETTER EXP. MUST UPDATE CERS, SUBMIT CURRENT FRCT AND CHIEF LETTER

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 06/04/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Notes:

Returned to compliance on 07/17/2020. CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290

Violation Description:

Failure to comply with one or more of the following overfill prevention equipment requirements:
Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or
Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or
Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or
Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.

Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018.

For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter.

For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter.

Inspected within 30 days after a repair to the overfill prevention equipment.

Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer.

Inspected by a certified UST service technician.

Maintain records of overfill prevention equipment inspection for 36 months.

Violations

Violation Date: 09/05/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 25284(a)(3)(A)&(B) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A)&(B)
Violation Notes:

Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL, ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.

Violation Description:

Failure to implement or maintain a written agreement between the UST owner and operator.

Violations

Violation Date: 03/31/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Notes:

Returned to compliance on 08/02/2017.

Violation Description:

Failure to conduct secondary containment testing, or one or more of the following requirements:
Perform the test within six months of installation and every 36 months thereafter.Use a procedure that demonstrates the system works as well as at installation.Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval.Performed by a certified service technician or a licensed tank tester.

Violations

Violation Date: 06/07/2021 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Notes:

Returned to compliance on 06/30/2021. 2019 CTES WAS REJECTED FOR INCORRECTED GENERATOR ROOM SENSOR.FRCT IN CERS EXPIRED.

Violation Description:

Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

Violations

Violation Date: 09/05/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL, ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 09/05/2018
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL, ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.

Violation Description:

Failure to have an approved UST Monitoring Plan.

Violations

Violation Date: 09/05/2018
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Notes:

Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL, ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.

Violation Description:

Failure to submit or maintain a current facility plot plan.

Violations

Violation Date: 03/31/2017
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the CUPA or special inspector.

Violations

Violation Date: 06/29/2022
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Notes:

Returned to compliance on 08/12/2022. NO CERS UPDATED; FRCT EXP. AND CHIEF LETTER EXP. MUST UPDATE CERS, SUBMIT CURRENT FRCT AND CHIEF LETTER

Violation Description:

Failure to implement the corrections specified in the inspection report within 30 days of receiving an inspection report from either the UPA or special inspector.

Violations

Violation Date: 07/02/2014 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: HSC 6.7 25284(a)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit, maintain, or implement an owner/operator written agreement.

Violations

Violation Date: 07/02/2014 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Notes:

Returned to compliance on 07/12/2019.

Violation Description:

Failure to submit, obtain approval, or maintain a complete/accurate plot plan.

Violations

Violation Date: 09/05/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Notes:

Returned to compliance on 07/17/2020. PARTIAL CERS CORRECTIONS MADE,UST DOCUMENTS STILL MISSING FROM SUBMI TTAL, ADDITIONAL CORRECTIONS REQUIRED. SUBMIT ALL MISSING UST DOCUMENTATION TO CERS,MAKE ADDITIONAL CORRECT IONS AND RESUBMIT.

Violation Description:

Failure to submit a current UST Response Plan available on site.

Violations

Violation Date: 05/27/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)
Violation Notes:

Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM

CERS.ERRORS ON TANK MONITORING PLAN.

Violation Description:

Failure to submit the "Designated Underground Storage Tank Operator Identification Form" within 30 days of installing a UST system or within 30 days of a change in DO.

Violations

Violation Date: 05/27/2020
Violation Source: CERS
Violation Program: UST
Violation Division: Los Angeles County Department of Public Works
Citation: 23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Notes:

Returned to compliance on 07/17/2020. CERS CORRECTIONS EMAILED TO NEW CONTACT,GREG BAKER.MOST DOCUMENTS MI SSING FROM CERS.ERRORS ON TANK MONITORING PLAN.

Violation Description:

Failure to obtain approval from the UPA for a training program at an unstaffed facility and/or implement the approved training program.

Evaluations

Eval Date: 02/11/2015
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Anthony Yeseta (Chief Engineer); Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 05/27/2020
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

NOVC ISSUED FOR CERS CORRECTIONS.MUST UPLOAD MISSING DOCUMENTS TO CERS AND MAKE CORRECTIONS TO MONITORING PLAN.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/29/2022
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

CTES 06/29/22; ALL SUMPS DRY; EMERGENCY TANKS; SUCTION SYSTEM. ISSUED NOVC FOR NO CERS UPDATE,EXP. FRCT, EXP CHIEF LETTER.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 09/05/2018
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency

Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

A890916 VR420 FUNCTIONAL;A896446 DSL SPBK REPLACED,RETESTED;CERS SUB FROM 042718 PARTIAL CORRECTIONS MADE,NEW ERRORS NOVC ISSUED.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/07/2021
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

NOVC ISSUED FOR REJECTED 2019 CTES.FRCT IN CERS NEEDS TO BE UPDATED. CTES 06/07/2021.OVFL 06/07/2021.NO ALARMS SINCE LAST TEST.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 07/20/2023
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

NOVC ISSUED FOR AR BAL OF $4070.60.NOVC AND BILL EMAILED TO GREG BAKER AND CHARLES KOPENSKI.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/16/2014
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 07/02/2014
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

NOVC ISSUED FOR UPDATED OSDO,FRCT,LTMP AND UP FORMS A&B.CURRENTLY IN THE PROCESS OF SUBMITTING FORMS TO CERS. CTLS 07/02/14.SB98910/15/12; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 03/30/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

NO COMPLIANCE W/ V781476 & V808812;SB989 DATED 101415 REJECTED,NO RE TEST PREFORMED;CERS CORR, SEE P DRIVE;FLAPPER O/F CONFIRMED.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 07/01/2015
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

SUMPS DRY; SENS. @ LOW PT.; SENS AND V.R. TAGGED; NOVC ISSUED FOR MI SSING CURRENT OSDO,FRCT & LTMP IN SITE LOG, HMS & UPLOADING IN CERS.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/27/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Max Mancilla, Assistant Chief Engineer; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/04/2020
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

no onsite inspection COVID ROUTINE CERS ERRORS:FIN RESP,TANK INFO,O/O DESIGNATED UST OPER,STMT OF UNDR& COMPL,RESP PLAN,MONT PLAN|LATE OVRFILL|PREV VIOLS: #901466 & #953290; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/29/2021
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Russell Rasmussen - Operating Chief Eng; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/13/2023
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST
Eval Source: CERS
Eval Notes:

NOVC ISSUED FOR CERS CORRECTIONS.FORMS NEED UPDATE FOR NEW SITE CON-TACTS.MISSING TEST RESULTS RECIEVED DURING INSP.CTLS 06/13/2023; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 08/02/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Department of Public Works
Eval Program: UST

Eval Source: CERS
Eval Notes:

NOVC ISSUED FOR CERS ERRORS ON TANK INFO/MONITORING PLAN AND MISSING ALL OTHER DOCUMENTS IN CERS.SB989 RETESTED 04/14/17 AND 08/02/17.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Property Owner
Entity Name: Union Bank
Entity Title:
Address: 400 California St
City: San Francisco
State: CA
Country: United States
Zip Code: 94104
Phone: (213) 320-2572

Affil Type Desc: UST Permit Applicant
Entity Name: Anthony Yeseta
Entity Title: Chief engineer
Address:
City:
State:
Country:
Zip Code:
Phone: (323) 720-2092

Affil Type Desc: UST Tank Owner
Entity Name: UNION BANK
Entity Title:
Address: 1980 Saturn St.
City: Monterey Park
State: Ca
Country: United States
Zip Code: 91755
Phone: (323) 720-2090

Affil Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title:
Address: 5825 Rickenbacker Road
City: Commerce
State: CA
Country:
Zip Code: 90040-3027
Phone: (323) 890-4000

Affil Type Desc: UST Tank Operator
Entity Name: UNION BANK
Entity Title:
Address: 1980 Saturn St.
City: Monterey Park
State: Ca
Country: United States
Zip Code: 91755-7443
Phone: (323) 720-2092

Affil Type Desc: UST Property Owner Name
Entity Name: Union Bank
Entity Title:
Address: 1980 Saturn St.
City: Monterey Park
State: Ca
Country: United States
Zip Code: 91755
Phone: (323) 720-2090

Affil Type Desc: Environmental Contact
Entity Name: Greg Baker
Entity Title:
Address: 1980 SATURN STREET
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755
Phone:

Affil Type Desc: Document Preparer
Entity Name: Anthony Yeseta
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Legal Owner
Entity Name: UNION BANK
Entity Title:
Address: 1980 SATURN ST
City: MONTEREY PARK
State: CA
Country: United States
Zip Code: 91754
Phone: (323) 720-2100

Affil Type Desc: Identification Signer
Entity Name: ANTHONY YESETA
Entity Title: CHIEF ENGINEER
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 1980 SATURN ST.
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755
Phone:

Affil Type Desc: Parent Corporation
Entity Name: UNION BANK
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: ANTHONY YESETA
Entity Title:
Address:
City:
State:
Country:
Zip Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Phone: (323) 720-2090

Coordinates

Env Int Type Code:	HMBP	**Longitude:**	-118.113910
Program ID:	10263178	**Coord Name:**	
Latitude:	34.038310	**Ref Point Type Desc:**	Center of a facility or station.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	14 of29	SSW	0.02 / 90.44	347.30 / -35	UNION BANK 1980 SATURN STREET MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC002971095
Gen Status Universe: No Report
Contact Name: ANTHONY YESETA
Contact Address: 1980 SATURN STREET , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 323-720-2092
Contact Email: ANTHONY.YESETA@UNIONBANK.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20180716
Location Latitude: 34.03959
Location Longitude: -118.114004

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20180716
Handler Name: UNION BANK
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1980 SATURN STREET

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Name:	UNION BANK	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	323-720-2092	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1980 SATURN STREET
Name:	ANTHONY YESETA	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	323-720-2092	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

6	15 of29	SSW	0.02 / 90.44	347.30 / -35	**UNION BANK** **1980 SATURN ST** **MONTEREY PARK CA 91755**	**CUPA** **LA COUNTY**

Facility ID:	FA0024092
CERS ID:	10263178

Active Facility Details

PE:	7124
PE:	3003

Inactive Facility Details

PE:	3500

6	16 of29	SSW	0.02 / 90.44	347.30 / -35	**DANIEL ROSALES** **1980 SATURN STREET** **MONTEREY PARK CA 91755**	**RCRA** **NON GEN**

EPA Handler ID:	CAC003062333
Gen Status Universe:	No Report
Contact Name:	DANIEL ROSALES
Contact Address:	1980 SATURN STREET , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	323-720-2092
Contact Email:	DANIEL.ROSALES@UNIONBANK.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20200403
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No

Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20200403
Handler Name:	DANIEL ROSALES
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1980 SATURN STREET
Name:	DANIEL ROSALES	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	323-720-2572	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1980 SATURN STREET
Name:	DANIEL ROSALES	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	323-720-2092	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

6	***17 of29***	***SSW***	***0.02 / 90.44***	***347.30 / -35***	***DANIEL ROSALES 1980 SATURN STREET MONTEREY PARK CA 91755***	***FINDS/FRS***

Registry ID:	110070805844
FIPS Code:	06037
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	10-JUN-20
Update Date:	
Interest Types:	UNSPECIFIED UNIVERSE **Note: Many records provided by the department have a truncated [Interest Types] field.
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	237130, 561210
NAICS Code Descriptions:	FACILITIES SUPPORT SERVICES., POWER AND COMMUNICATION LINE AND RELATED STRUCTURES CONSTRUCTION.
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	
Census Block Code:	
EPA Region Code:	09
County Name:	LOS ANGELES
US/Mexico Border Ind:	
Latitude:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070805844
Data Source: Facility Registry Service - Single File
Program Acronyms:

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6 | **18 of29** | **SSW** | **0.02 / 90.44** | **347.30 / -35** | **UNION BANK OPERATIONS CENTER**
1980 SATURN ST
MONTEREY PARK CA | **UST SWEEPS**

C C:	A19-000-8139	**D Filename:**	SITE04A
BOE:	44-008240	**Page No:**	471
Comp:	8139	**County:**	LOS ANGELES
Status:	ACTIVE	**State :**	CA
No of Tanks:	1	**Zip:**	
Jurisdict:	LOS ANGELES COUNTY	**Latitude:**	34.039608
Agency:	WASTE MANAGEMENT DEPARTMENT	**Longitude:**	-118.112527
Phone:		**Georesult:**	S5HPNTSC-A

Tank Details

Tank ID:	000001	**S Contain:**	
O Tank ID:		**Stg:**	W
SWRCB No:	19-000-008139-000001	**Storage :**	
Removed:		**Storag Type:**	WASTE
Installed:		**P Contain:**	
A Date:	06-30-89	**Content:**	
Capac:		**ONA:**	
Tank Use:	UNKNOWN	**D File Name:**	TANK4A

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6 | **19 of29** | **SSW** | **0.02 / 90.44** | **347.30 / -35** | **DANIEL ROSALES**
1980 SATURN STREET
MONTEREY PARK CA 91755 | **RCRA NON GEN**

EPA Handler ID: CAC003155280
Gen Status Universe: No Report
Contact Name: DANIEL ROSALES
Contact Address: 1980 SATURN STREET , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 714-661-4839
Contact Email: DANIEL.ROSALES@UNIONBANK.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20220104
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No

Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20220104
Handler Name:	DANIEL ROSALES
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1980 SATURN STREET
Name:	DANIEL ROSALES	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	714-661-4839	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1980 SATURN STREET
Name:	MUFG - UNION BANK	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	714-661-4839	**Country:**	
Source Type:	Implementer	**Zip Code:**	90262

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6 | ***20 of29*** | ***SSW*** | ***0.02 / 90.44*** | ***347.30 / -35*** | ***JONES LANGE LASALLE***
1980 SATURN ST
MONTEREY PARK CA 917557417 | ***HAZ GEN***

Epa ID:	CAC002636790	**Facility County:**	19
Address 2:		**County:**	Los Angeles
Details DTSC HWTS:	The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search		
Handler Profile URL:	https://hwts.dtsc.ca.gov/facility/CAC002636790		

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6 | ***21 of29*** | ***SSW*** | ***0.02 / 90.44*** | ***347.30 / -35*** | ***UNION BANK***
1980 SATURN ST
MONTEREY PARK CA 917557417 | ***HAZ GEN***

Epa ID:	CAC002852770	**Facility County:**	19
Address 2:		**County:**	Los Angeles
Details DTSC HWTS:	The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search		
Handler Profile URL:	https://hwts.dtsc.ca.gov/facility/CAC002852770		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	22 of29	SSW	0.02 / 90.44	347.30 / -35	UNION BANK 1980 SATURN ST MONTEREY PARK CA 917557417	HAZ GEN

Epa ID: CAC002776206 **Facility County:** 19
Address 2: **County:** Los Angeles
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002776206

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	23 of29	SSW	0.02 / 90.44	347.30 / -35	UNION BANK 1980 SATURN STREET MONTEREY PARK CA 91755	HAZ GEN

Epa ID: CAC002930430 **Facility County:** 19
Address 2: **County:** Los Angeles
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002930430

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	24 of29	SSW	0.02 / 90.44	347.30 / -35	UNION BANK 1980 SATURN ST MONTEREY PARK CA 917557417	HAZ GEN

Epa ID: CAC002762786 **Facility County:** 19
Address 2: **County:** Los Angeles
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002762786

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	25 of29	SSW	0.02 / 90.44	347.30 / -35	UNION BANK OF CALIFORNIA 1980 SATURN ST MONTEREY PARK CA 917557417	HAZ GEN

Epa ID: CAL000030909 **Facility County:** 19
Address 2: **County:** Los Angeles
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAL000030909

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	26 of29	SSW	0.02 / 90.44	347.30 / -35	UNION BANK 1980 SATURN STREET MONTEREY PARK CA 91755	HAZ GEN

Epa ID: CAC002882250 **Facility County:** 19
Address 2: **County:** Los Angeles
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002882250

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	27 of29	SSW	0.02 / 90.44	347.30 / -35	CBRE AGENT FOR UNION BANK 1980 SATURN ST MONTEREY PARK CA 917557417	HAZ GEN

Epa ID: CAC002678253 **Facility County:** 19
Address 2: **County:** Los Angeles
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002678253

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	28 of29	SSW	0.02 / 90.44	347.30 / -35	DANIEL ROSALES 1980 SATURN STREET MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC003192019
Gen Status Universe: No Report
Contact Name: DANIEL ROSALES
Contact Address: 1980 SATURN STREET , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 714-661-4839
Contact Email: DANIEL.ROSALES@UNIONBANK.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20220826
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20220826
Handler Name: DANIEL ROSALES
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: DANIEL ROSALES
Date Became Current:
Date Ended Current:
Phone: 714-661-4839
Source Type: Implementer
Street No:
Street 1: 1980 SATURN STREET
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Operator
Type: Other
Street No:
Street 1: 1980 SATURN STREET

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Name:	DANIEL ROSALES	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	714-661-4839	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

6	29 of29	SSW	0.02 / 90.44	347.30 / -35	**UNION BANK** **1980 SATURN STREET** **MONTEREY PARK CA 91755**	**RCRA NON GEN**

EPA Handler ID:	CAC003241986
Gen Status Universe:	No Report
Contact Name:	CHARLES KOPENSKI
Contact Address:	1980 SATURN STREET , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	323-729-2094
Contact Email:	CHARLES.KOPENSKI@CBRE.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20230714
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20230714
Handler Name:	UNION BANK
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1980 SATURN STREET
Name:	UNION BANK	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Phone:	323-729-2094	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1980 SATURN STREET
Name:	CHARLES KOPENSKI	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	323-729-2094	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

7	1 of1	NNE	0.04 / 212.03	425.50 / 44	NICOLE HUI 698 TAYLOR DRIVE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC003021631
Gen Status Universe:	No Report
Contact Name:	NICOLE HUI
Contact Address:	698 TAYLOR DRIVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-354-9326
Contact Email:	MANIFEST.SIRRIS@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20190626
Location Latitude:	34.042232
Location Longitude:	-118.113142

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190626
Handler Name:	NICOLE HUI
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	698 TAYLOR DRIVE
Name:	NICOLE HUI	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-354-9326	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	698 TAYLOR DRIVE
Name:	NICOLE HUI	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-354-9326	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

8	1 of1	N	0.04 / 213.79	451.53 / 70	**LAI MOY & CORY NAKAUCHI** **598 TAYLOR DR** **MONTEREY PARK CA 91755**	**RCRA NON GEN**

EPA Handler ID:	CAC003054997
Gen Status Universe:	No Report
Contact Name:	LAI MOY & CORY NAKAUCHI
Contact Address:	598 TAYLOR DR , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	954-298-4300
Contact Email:	SENSITIVEENVIRONMENT@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20200207
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20200207
Handler Name:	LAI MOY & CORY NAKAUCHI
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	598 TAYLOR DR
Name:	LAI MOY & CORY NAKAUCHI	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	954-298-4300	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	598 TAYLOR DR
Name:	LAI MOY & CORY NAKAUCHI	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	954-298-4300	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

9	***1 of1***	***W***	***0.05 / 239.13***	***346.69 / -35***	***NADJA CALDERON 2007 CLOVER DR MONTEREY PARK CA 91755***	***RCRA NON GEN***

EPA Handler ID:	CAC003133573
Gen Status Universe:	No Report
Contact Name:	NADJA CALDERON
Contact Address:	2007 CLOVER DR , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	323-888-2772
Contact Email:	EPA4HAZ@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20210810
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Receive Date:	20210810
Handler Name:	NADJA CALDERON
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	2007 CLOVER DR
Name:	NADJA CALDERON	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	323-888-2772	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	2007 CLOVER DR
Name:	NADJA CALDERON	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	323-888-2772	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	1 of2	NNE	0.07 / 343.65	445.34 / 63	JACK MIYAGAWA 651 TAYLOR DRIVE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC002977534
Gen Status Universe:	No Report
Contact Name:	JACK MIYAGAWA
Contact Address:	651 TAYLOR DRIVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-975-8320
Contact Email:	RUTHSAMANO@ALLIANCE-ENVIRO.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20180824
Location Latitude:	34.042376
Location Longitude:	-118.113482

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20180824
Handler Name:	JACK MIYAGAWA
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	651 TAYLOR DRIVE
Name:	JACK MIYAGAWA	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-975-8340	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	651 TAYLOR DRIVE
Name:	JACK MIYAGAWA	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-975-8320	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

10	*2 of2*	*NNE*	*0.07 / 343.65*	*445.34 / 63*	***JACK MIYAGAWA*** ***651 TAYLOR DR*** ***MONTEREY PARK CA 91755-6743***	***RCRA NON GEN***

EPA Handler ID:	CAC002978669
Gen Status Universe:	No Report
Contact Name:	JACK MIYAGAWA
Contact Address:	651 TAYLOR DR , , MONTEREY PARK , CA, 91755-6743 ,
Contact Phone No and Ext:	626-975-8340
Contact Email:	GENEVADEGUIRE@ALLIANCE-ENVIRO.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20180904
Location Latitude:	34.042376
Location Longitude:	-118.113482

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No

Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20180904
Handler Name: JACK MIYAGAWA
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: JACK MIYAGAWA
Date Became Current:
Date Ended Current:
Phone: 626-975-8340
Source Type: Implementer
Street No:
Street 1: 651 TAYLOR DR
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755-6743

Owner/Operator Ind: Current Operator
Type: Other
Name: JACK MIYAGAWA
Date Became Current:
Date Ended Current:
Phone: 626-975-8340
Source Type: Implementer
Street No:
Street 1: 651 TAYLOR DR
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755-6743

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11 | ***1 of1*** | ***NNE*** | ***0.07 / 343.97*** | ***439.17 / 57*** | ***MARY HARING 675 TAYLOR DR MONTEREY PARK CA 91755*** | ***RCRA NON GEN***

EPA Handler ID: CAC003220751
Gen Status Universe: No Report
Contact Name: MARY HARING
Contact Address: 675 TAYLOR DR , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 626-786-9121
Contact Email: ELIZABETHS@PWSEI.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20230303
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No

Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20230303
Handler Name:	MARY HARING
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	675 TAYLOR DR
Name:	MARY HARING	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-786-9121	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	675 TAYLOR DR
Name:	MARY HARING	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-786-9121	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

12	***1 of1***	***N***	***0.07 / 357.66***	***458.13 / 76***	***DAVE JONES 599 TAYLOR DRIVE MONTEREY PARK CA 91755***	***RCRA NON GEN***

EPA Handler ID:	CAC002997454
Gen Status Universe:	No Report
Contact Name:	DAVE JONES
Contact Address:	599 TAYLOR DRIVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-235-9536
Contact Email:	MANIFEST.SIRRIS@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20190121
Location Latitude:	34.042526
Location Longitude:	-118.114126

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190121
Handler Name:	DAVE JONES
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	599 TAYLOR DRIVE
Name:	DAVE JONES	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-235-9536	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	599 TAYLOR DRIVE
Name:	DAVE JONES	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-235-9536	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
13	1 of1	NNW	0.07 / 378.65	463.36 / 82	SHI NGUYEN 560 TAYLOR DR MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC003232261
Gen Status Universe:	No Report
Contact Name:	SHI NGUYEN
Contact Address:	560 TAYLOR DR , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-417-8907
Contact Email:	TAMKB36@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20230512
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20230512
Handler Name:	SHI NGUYEN
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	560 TAYLOR DR
Name:	SHI NGUYEN	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-417-8907	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	560 TAYLOR DR
Name:	SHI NGUYEN	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-417-8907	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
14	1 of6	WSW	0.08 / 440.13	322.34 / -60	ALPHA PHOTONICS 2019 SATURN ST MONTEREY PARK CA 91754	RCRA SQG

EPA Handler ID:	CAR000087692
Gen Status Universe:	Small Quantity Generator
Contact Name:	DONALD HUDGIES
Contact Address:	2019 SATURN ST , , MONTEREY PARK , CA, 91754 , US
Contact Phone No and Ext:	626-350-4886
Contact Email:	
Contact Country:	US
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	Private
Receive Date:	20001107
Location Latitude:	34.038412
Location Longitude:	-118.116713

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20001107
Handler Name:	ALPHA PHOTONICS
Federal Waste Generator Code:	2
Generator Code Description:	Small Quantity Generator
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20001107
Handler Name:	ALPHA PHOTONICS
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	F002
Waste Code Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	F003
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	4281 TECHNOLOGY DR
Name:	AMERICAN XTAL TECHNOLOGY INC	**Street 2:**	
Date Became Current:		**City:**	FREMONT
Date Ended Current:		**State:**	CA
Phone:	510-683-5900	**Country:**	
Source Type:	Implementer	**Zip Code:**	94538

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	4281 TECHNOLOGY DR
Name:	AMERICAN XTAL TECHNOLOGY INC	**Street 2:**	
Date Became Current:		**City:**	FREMONT
Date Ended Current:		**State:**	CA
Phone:	510-683-5900	**Country:**	
Source Type:	Notification	**Zip Code:**	94538

Historical Handler Details

Receive Dt: 20001107
Generator Code Description: Large Quantity Generator
Handler Name: ALPHA PHOTONICS

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14 | ***2 of6*** | ***WSW*** | ***0.08 / 440.13*** | ***322.34 / -60*** | ***ALPHA PHOTONICS/LYLE OPTPELECTRONICS 2019 SATURN ST MONTEREY PARK CA 91754*** | ***SML LA***

Site ID: SD0000386
Case ID: RO0001387
Status:

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14 | ***3 of6*** | ***WSW*** | ***0.08 / 440.13*** | ***322.34 / -60*** | ***ALPHA PHOTONICS, INC. 2019 SATURN STREET MONTEREY PARK CA 91754*** | ***ENVIROSTOR***

Estor/EPA ID:	71003355	**Assembly District:**	49
Site Code:		**Senate District:**	25
Nat Priority List:	NO	**Permit Renewal Lead:**	
APN:	NONE SPECIFIED	**Public Partici Spclst:**	
Census Tract:	6037482800	**Project Manager:**	
Site Type:	TIERED PERMIT	**County:**	LOS ANGELES
Address Description:	2019 SATURN STREET	**Latitude:**	34.038875
Office:	CLEANUP CHATSWORTH	**Longitude:**	-118.117201
Special Program:		**Acres:**	NONE SPECIFIED
Funding:		**Supervisor:**	
Cleanup Status:	REFER: OTHER AGENCY AS OF		
Cleanup Oversight Agencies:	NONE SPECIFIED		
School District:			
Past Use that Caused Contam:	NONE SPECIFIED		
Potential Media Affected:	NONE SPECIFIED		
Potential Contamin of Concern:			

NONE SPECIFIED

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Site History:

Status: REFER: OTHER AGENCY
Program Type: TIERED PERMIT
CalEnviroScreen Score: 60-65%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71003355

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14 | ***4 of6*** | ***WSW*** | ***0.08 / 440.13*** | ***322.34 / -60*** | ***2019 SATURN ST MONTEREY PARK CA 917557496*** | ***HMS LA***

Site No: 017339
Area: 3M

Detail Info

Permit No: 000332526
File No: 023495
File Name: ALPHA PHOTONICS INC
Status: Permit Closed
Permit Type: Operating Industrial Waste Permit - Local Sewer
Permit Status: Permit Closed
Permit Category: Industrial Waste Permit

Detail Info

Permit No: 000014261
File No: 023495
File Name: ALPHA PHOTONICS INC
Status: Permit Closed
Permit Type: Operating Industrial Waste Permit - Local Sewer
Permit Status: Permit Closed
Permit Category: Industrial Waste Permit

Detail Info

Permit No: 000015778
File No: 036129
File Name: AXT INC
Status: Permit Closed
Permit Type: Interim Industrial Waste Permit - Local Sewer
Permit Status: Permit Closed
Permit Category: Industrial Waste Permit

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14 | ***5 of6*** | ***WSW*** | ***0.08 / 440.13*** | ***322.34 / -60*** | ***LYTE OPTOELECTRONICS 2019 SATURN ST MONTEREY PARK CA 91755*** | ***CUPA LA COUNTY***

Facility ID: FA0024093
CERS ID: 0

Inactive Facility Details

PE: 3500

PE: 3003

PE: 1004

PE: 2010

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
14	6 of6	WSW	0.08 / 440.13	322.34 / -60	LEONARDO TIJERO 2019 SATURN STREET MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC003204181
Gen Status Universe: No Report
Contact Name: LEONARDO TIJERO
Contact Address: 2019 SATURN STREET , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 323-372-4001
Contact Email: LEONARDO.TIJERO@CENTRALCITYHEALTH.ORG
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20221114
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20221114
Handler Name: LEONARDO TIJERO
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: CENTRAL CITY COMMUNITY HEALTH CTR.
Date Became Current:
Date Ended Current:
Phone: 323-724-0019
Source Type: Implementer
Street No:
Street 1: 2019 SATURN STREET
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Operator
Type: Other
Name: LEONARDO TIJERO
Street No:
Street 1: 2019 SATURN STREET
Street 2:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	323-372-4001	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

15	1 of1	NE	0.08 / 444.33	453.16 / 71	RANDALL NAKASHIMA 763 TAYLOR DR MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC003111304
Gen Status Universe:	No Report
Contact Name:	RANDALL NAKASHIMA
Contact Address:	763 TAYLOR DR , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-295-8206
Contact Email:	TNAKASHIMA86@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20210323
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20210323
Handler Name:	RANDALL NAKASHIMA
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	763 TAYLOR DR
Name:	RANDALL NAKASHIMA	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-295-8206	**Country:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Source Type:	Implementer	**Zip Code:**	91755		
Owner/Operator Ind:	Current Owner	**Street No:**			
Type:	Other	**Street 1:**	763 TAYLOR DR		
Name:	RANDALL NAKASHIMA	**Street 2:**			
Date Became Current:		**City:**	MONTEREY PARK		
Date Ended Current:		**State:**	CA		
Phone:	626-295-8206	**Country:**			
Source Type:	Implementer	**Zip Code:**	91755		

16	1 of1	NNE	0.09 / 491.74	434.25 / 52	T-MOBILE WEST (SITE ID#IE05350D) 2001 S ORANGE AVE MONTEREY PARK CA 91755	CUPA LA COUNTY

Facility ID:	FA0041163
CERS ID:	0

Inactive Facility Details

PE:	3000

17	1 of1	NNW	0.11 / 571.33	446.06 / 64	DHANAPALA OR MARDHAVI RODRIGO 539 TAYLOR DRIVE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC003227550
Gen Status Universe:	No Report
Contact Name:	DHANAPALA OR MARDHAVI RODRIGO
Contact Address:	539 TAYLOR DRIVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	323-293-9930
Contact Email:	PRODRIGO@YAHOO.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20230413
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20230413
Handler Name:	DHANAPALA OR MARDHAVI RODRIGO
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	539 TAYLOR DRIVE
Name:	DHANAPALA OR MARDHAVI RODRIGO	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	323-293-9930	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	539 TAYLOR DRIVE
Name:	DHANAPALA OR MARDHAVI RODRIGO	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	323-293-9930	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

18	*1 of1*	*N*	*0.11 / 589.88*	*456.98 / 75*	***DONALD AND JOAN KARY 599 HARRISON ROAD MONTEREY PARK CA 91755***	***RCRA NON GEN***

EPA Handler ID:	CAC002994334
Gen Status Universe:	No Report
Contact Name:	DONALD AND JOAN KARY
Contact Address:	599 HARRISON ROAD , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-251-7915
Contact Email:	JBENNER@BURNS-ENVIRO.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20181226
Location Latitude:	34.043166
Location Longitude:	-118.11391

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No

Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20181226
Handler Name: DONALD AND JOAN KARY
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: DONALD AND JOAN KARY
Date Became Current:
Date Ended Current:
Phone: 626-251-7915
Source Type: Implementer

Street No:
Street 1: 599 HARRISON ROAD
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Operator
Type: Other
Name: DONALD AND JOAN KARY
Date Became Current:
Date Ended Current:
Phone: 626-251-7915
Source Type: Implementer

Street No:
Street 1: 599 HARRISON ROAD
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
19	1 of9	WSW	0.11 / 603.73	323.21 / -59	ROSS NAMEPLATE CO. RED PLUM CIRCLE, #2 MONTEREY PARK CA 91765	ENVIROSTOR

Estor/EPA ID: 71002913
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6037482800
Site Type: TIERED PERMIT
Address Description: RED PLUM CIRCLE, #2
Office: CLEANUP CHATSWORTH
Special Program:
Funding:
Cleanup Status: REFER: OTHER AGENCY AS OF
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Assembly District: 49
Senate District: 25
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 34.0386582
Longitude: -118.1176904
Acres: NONE SPECIFIED
Supervisor:

Site History:

Status: REFER: OTHER AGENCY
Program Type: TIERED PERMIT
CalEnviroScreen Score: 60-65%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71002913

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
19	2 of9	WSW	0.11 / 603.73	323.21 / -59	2 RED PLUM CIR	HMS LA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					MONTEREY PARK CA 917547486	

Site No: 006997
Area: 3M

Detail Info

Permit No: 00005911T
File No: 007314
File Name: ROSS NAME PLATE CO
Status: Equipment Removed
Permit Type: Underground Storage Tank Operating Permit
Permit Status: Equipment Removed
Permit Category: Underground Storage Tank

Detail Info

Permit No: 000006890
File No: I07314
File Name: ROSS NAME PLATE CO
Status: Equipment Permitted
Permit Type: Operating Industrial Waste Permit - Local Sewer
Permit Status: Equipment Permitted
Permit Category: Industrial Waste Permit

19	3 of9	WSW	0.11 / 603.73	323.21 / -59	ROSS NAME PLATE CO NUMBER TWO RED PLUM CIRCLE MONTEREY PARK CA 91754	EMISSIONS

1987 Criteria Data

Facility ID:	20440	**CERR Code:**	
Facility SIC Code:	3993	**TOGT:**	.9
CO:	19	**ROGT:**	.8712
Air Basin:	SC	**COT:**	
District:	SC	**NOXT:**	
COID:	LA	**SOXT:**	
DISN:	SOUTH COAST AQMD	**PMT:**	.1
CHAPIS:		**PM10T:**	.096

1987 Toxic Data

Facility ID:	20440	**COID:**	LA
Facility SIC Code:	3993	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

19	4 of9	WSW	0.11 / 603.73	323.21 / -59	ROSS NAME PLATE CO 2 RED PLUM CIR MONTEREY PARK CA 91754	EMISSIONS

1993 Criteria Data

Facility ID:	20440	**CERR Code:**	

Facility SIC Code:	3993	**TOGT:**	5.3
CO:	19	**ROGT:**	.39446
Air Basin:	SC	**COT:**	0
District:	SC	**NOXT:**	0
COID:	LA	**SOXT:**	
DISN:	SOUTH COAST AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

1993 Toxic Data

Facility ID:	20440	**COID:**	LA
Facility SIC Code:	3993	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1995 Criteria Data

Facility ID:	20440	**CERR Code:**	
Facility SIC Code:	3993	**TOGT:**	5.3
CO:	19	**ROGT:**	.39446
Air Basin:	SC	**COT:**	0
District:	SC	**NOXT:**	0
COID:	LA	**SOXT:**	
DISN:	SOUTH COAST AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

1995 Toxic Data

Facility ID:	20440	**COID:**	LA
Facility SIC Code:	3993	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1997 Criteria Data

Facility ID:	20440	**CERR Code:**	
Facility SIC Code:	3993	**TOGT:**	3.6092106
CO:	19	**ROGT:**	3.59235612966
Air Basin:	SC	**COT:**	.014
District:	SC	**NOXT:**	.044
COID:	LA	**SOXT:**	.000275
DISN:	SOUTH COAST AQMD	**PMT:**	.002265
CHAPIS:		**PM10T:**	.00208361

1997 Toxic Data

Facility ID:	20440	**COID:**	LA
Facility SIC Code:	3993	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			

Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

1998 Criteria Data

Facility ID:	20440	***CERR Code:***	
Facility SIC Code:	3993	***TOGT:***	3.6122505
CO:	19	***ROGT:***	3.59266349055
Air Basin:	SC	***COT:***	.014
District:	SC	***NOXT:***	.044
COID:	LA	***SOXT:***	.000275
DISN:	SOUTH COAST AQMD	***PMT:***	.002265
CHAPIS:		***PM10T:***	.00208361

1998 Toxic Data

Facility ID:	20440	***COID:***	LA
Facility SIC Code:	3993	***DISN:***	SOUTH COAST AQMD
CO:	19	***CHAPIS:***	
Air Basin:	SC	***CERR Code:***	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1999 Criteria Data

Facility ID:	20440	***CERR Code:***	
Facility SIC Code:	3993	***TOGT:***	3.6092106
CO:	19	***ROGT:***	3.59235612966
Air Basin:	SC	***COT:***	.014
District:	SC	***NOXT:***	.044
COID:	LA	***SOXT:***	.000275
DISN:	SOUTH COAST AQMD	***PMT:***	.002265
CHAPIS:		***PM10T:***	.00208361

1999 Toxic Data

Facility ID:	20440	***COID:***	LA
Facility SIC Code:	3993	***DISN:***	SOUTH COAST AQMD
CO:	19	***CHAPIS:***	
Air Basin:	SC	***CERR Code:***	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2000 Criteria Data

Facility ID:	20440	***CERR Code:***	
Facility SIC Code:	3993	***TOGT:***	3.6092106
CO:	19	***ROGT:***	3.59
Air Basin:	SC	***COT:***	.014
District:	SC	***NOXT:***	.044
COID:	LA	***SOXT:***	.000275
DISN:	SOUTH COAST AQMD	***PMT:***	.002265
CHAPIS:		***PM10T:***	0

2000 Toxic Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID:	20440	**COID:**	LA
Facility SIC Code:	3993	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2001 Criteria Data

Facility ID:	20440	**CERR Code:**	
Facility SIC Code:	3993	**TOGT:**	3.61
CO:	19	**ROGT:**	3.59
Air Basin:	SC	**COT:**	.01
District:	SC	**NOXT:**	.04
COID:	LA	**SOXT:**	0
DISN:	SOUTH COAST AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

2001 Toxic Data

Facility ID:	20440	**COID:**	LA
Facility SIC Code:	3993	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2015 Toxic Data

Facility ID:	20440	**COID:**	LA
Facility SIC Code:	2759	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2016 Toxic Data

Facility ID:	20440	**TS:**	
Facility SIC Code:	2759	**HRA:**	
CERR CODE:		**CH Index:**	
COID:	LA	**AH Index:**	
CO:	19	**Air Basin:**	SC
DISN:	SOUTH COAST AQMD	**District:**	SC
CHAPIS:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
19	5 of9	WSW	0.11 / 603.73	323.21 / -59	ROSS NAME PLATE CO 2 RED PLUM CIRCLE MONTEREY PARK CA 91754	EMISSIONS

1990 Criteria Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID:	20440	**CERR Code:**	
Facility SIC Code:	3993	**TOGT:**	7
CO:	19	**ROGT:**	3.6784
Air Basin:	SC	**COT:**	0
District:	SC	**NOXT:**	0
COID:	LA	**SOXT:**	
DISN:	SOUTH COAST AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

1990 Toxic Data

Facility ID:	20440	**COID:**	LA
Facility SIC Code:	3993	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

19	***6 of9***	***WSW***	***0.11 / 603.73***	***323.21 / -59***	***ROSS NAME PLATE COMPANY 2 RED PLUM CIR MONTEREY PARK CA 91755***	***CERS HAZ***

Site ID:	63025
Latitude:	34.038630
Longitude:	-118.117670

Regulated Programs

EI ID:	10280374	**EI Description:**	RCRA LQ HW Generator
EI ID:	10280374	**EI Description:**	Chemical Storage Facilities
EI ID:	10280374	**EI Description:**	Hazardous Waste Generator
EI ID:	10280374	**EI Description:**	Hazardous Waste Onsite Treatment

Violations

Violation Date:	04/07/2016	**Violation Source:**	CERS
Violation Program:	CA	**Violation Division:**	Los Angeles County Fire Department
Citation:	22 CCR 45 67450.13(a)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(2)		
Violation Notes:			

Returned to compliance on 12/06/2017. OBSERVATION: A written estimate of closure costs for the fixed treatment unit(s) has not been submitted to the CERS. A owner/operator shall prepare a written estimate of the cost of closing each unit. CORRECTIVE ACTION: Submit the written estimate of closure costs for financial assurance for each unit to the CERS. Provide financial assurance documents if closure cost is more than $10,000.

Violation Description:

Failure to adjust Closure Costs for inflation / deflation by March 1st.

Violations

Violation Date:	06/06/2019	**Violation Source:**	CERS
Violation Program:	HW	**Violation Division:**	Los Angeles County Fire Department
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173		
Violation Notes:			

Returned to compliance on 06/06/2019. OBSERVATION: 1 x 250 gallon of waste filter cake located in the hazardous waste storage room was observed open. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly closed. Observed operator

provided cover to the waste filter cake container at time of inspection.

Violation Description:

Failure to meet the following container management requirements:
(a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste.
(b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.

Violations

Violation Date: 06/06/2019 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Los Angeles County Fire Department
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Notes:

Returned to compliance on 07/18/2019. OBSERVATION: The used spray booth filters located in the spray booth room was observed being accumulated in waste container and a proper waste determination has not been made. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the used spray booth filter has been properly characterized to determine if it is a hazardous waste. If determined to be hazardous submit a manifest/receipt documenting proper disposal and a statement demonstrating how you will manage it in the future.

Violation Description:

Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.

Violations

Violation Date: 06/06/2019 ***Violation Source:*** CERS
Violation Program: CA ***Violation Division:*** Los Angeles County Fire Department
Citation: 22 CCR 45 67450.13(a)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(2)
Violation Notes:

Returned to compliance on 07/18/2019. OBSERVATION: An adjustment for the closure cost estimate was not completed by March 1 of each year. The Owner/Operator or Generator shall adjust the closure cost estimate for inflation by March 1 of each year. Observed closure cost estimate with annual inflation adjustment was reflected up to 2016. CORRECTIVE ACTION: Ensure that the closure cost estimate is adjusted for inflation by March 1 of each year. Provide closure cost estimate with annual inflation adjustment updated to 2019.

Violation Description:

Failure to adjust Closure Costs for inflation/deflation by March 1st.

Violations

Violation Date: 04/07/2016 ***Violation Source:*** CERS
Violation Program: HWLQG ***Violation Division:*** Los Angeles County Fire Department
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Notes:

Returned to compliance on 04/07/2016. OBSERVATION: Observed no hazardous waste label posted on filter cake containers and used oil containers. All hazardous waste containers shall be marked with the following information: 1) the words "Hazardous Waste"; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information. Observed plant manager provided hazardous waste label to both filter cake containers and used oil containers at the end of inspection.

Violation Description:

Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violations

Violation Date: 04/07/2016 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Los Angeles County Fire Department

Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Notes:

Returned to compliance on 12/06/2017. OBSERVATION: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Observed owner has not completed the Business Activities Page, Hazardous Materials Inventory Page, Site Map, Waste Water Treatment Page, Emergency Response/Contingency Plan and Training Plan in California Environmental Reporting System (CERS) CORRECTIVE ACTION: Establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet. Complete and submit the following information to CERS: 1. Business Activities: Select "Yes" to question #8 as a Large Quantity Generator. 2. Hazardous Material Inventory: Report hazardous materials in Maximum Daily Amount for the following hazardous materials: Ferric Acid 175 gallons, Sulfuric Acid 150 gallons, Hydrofluoric Acid 120 [Truncated]

Violation Description:

Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

Violations

Violation Date: 06/06/2019 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Los Angeles County Fire Department
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Notes:

Returned to compliance on 06/06/2019. OBSERVATION: 1 x 250 gallon of waste filter cake located in the hazardous waste storage room was observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled. Observed operator provided a hazardous waste label to the filter cake container at time of inspection.

Violation Description:

Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violations

Violation Date: 04/07/2016 ***Violation Source:*** CERS
Violation Program: HWLQG ***Violation Division:*** Los Angeles County Fire Department
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Notes:

Observed no training plan and training record for reviewing on site at time of inspection. Provide training plan with procedures and job specific title and training records on site.

Violation Description:

Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.

Violations

Violation Date: 04/07/2016 ***Violation Source:*** CERS
Violation Program: HWLQG ***Violation Division:*** Los Angeles County Fire Department
Citation: 22 CCR 15 66262.41 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66262.41
Violation Notes:

OBSERVATION: The 2016 Biennial report was not prepared and submitted to DTSC. A generator who ships any hazardous waste offsite to a TSDF within the United States shall prepare and submit a Biennial Report, U.S. EPA Form 8700, to the DTSC by March 1 of each even-numbered year, and shall cover generator activities during the previous calendar year. CORRECTIVE ACTION: Immediately prepare a report for the 2016 calendar year and

submit it to the DTSC. Ensure that this report is done in a timely manner.

Violation Description:

Failure of a large quantity RCRA generator to complete the Biennial report (Form 8700) by March 1st on even numbered years and maintain it onsite for three years.

Violations

Violation Date: 06/07/2022 ***Violation Source:*** CERS
Violation Program: CA ***Violation Division:*** Los Angeles County Fire Department
Citation: 22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
Violation Notes:

OBSERVATION: Owner/Operator failed to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service, and/or the tank assessment is not complete. CORRECTIVE ACTION: Complete written tank assessment on tank system prior to placing the tank system into service, or complete now if system is already in service. Assessment must be reviewed and certified by an independent, qualified, professional engineer.

Violation Description:

Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation. The tank assessment shall be valid for five (5) years.

Violations

Violation Date: 06/07/2022 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Los Angeles County Fire Department
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Notes:

OBSERVATION: The waste water from plating processes located in the wastewater treatment area was observed being treated and a proper waste determination has not been made. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the waste water has been properly characterized to determine if it is a hazardous waste. If determined to be hazardous submit a manifest/receipt documenting proper disposal and a statement demonstrating how you will manage it in the future.

Violation Description:

Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.

Violations

Violation Date: 04/07/2016 ***Violation Source:*** CERS
Violation Program: CA ***Violation Division:*** Los Angeles County Fire Department
Citation: HSC 6.5 25200.14(b)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25200.14(b)(1)
Violation Notes:

Returned to compliance on 12/06/2017. OBSERVATION: A copy of the HW contingency plan was not maintained at the facility and/or submitted to the required agencies listed in this section. CORRECTIVE ACTION: Immediately maintain a HW contingency plan at the facility and/or submit a copy to California Environmental Reporting System (CERS).

Violation Description:

Failure to submit a Phase I Checklist.

Violations

Violation Date: 04/07/2016 ***Violation Source:*** CERS
Violation Program: CA ***Violation Division:*** Los Angeles County Fire Department
Citation: HSC 6.5 25200.14(b)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25200.14(b)(1)

Violation Notes:

Returned to compliance on 12/06/2017. OBSERVATION: A Tiered Permitting Phase I Environmental Assessment Checklist (DTSC Form 1151) has not been submitted to the CUPA. An Owner/Operator/Generator is required to complete and file a phase I environmental assessment with the CUPA one year from the date that the facility or generator becomes authorized to operate. CORRECTIVE ACTION: Immediately submit the required Tiered Permitting Phase I Environmental Assessment Checklist to the CUPA.

Violation Description:

Failure to submit a Phase I Checklist.

Evaluations

Eval Date: 06/06/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: CA
Eval Source: CERS
Eval Notes:

Jose Gomez, Plant Manager; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/07/2022
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Jose Gomez, Plant Manager.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/06/2017
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Jose Gomez, Plant Manager; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/06/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Jose Gomez, Plant Manager; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/06/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval Notes:

Jose Gomez, Plant Manager Observed no significant violation on site at time of inspection.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 07/18/2019
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 04/07/2016
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HWLQG
Eval Source: CERS
Eval Notes:

Jose Gomez (Plant Manager); Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 07/18/2019
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: CA
Eval Source: CERS
Eval Notes:

Eval Date: 04/07/2016
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: CA
Eval Source: CERS
Eval Notes:

Jose Gomez (Plant Manager); Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/06/2017
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: CA
Eval Source: CERS
Eval Notes:

Jose Gomez, Plant Manager; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/07/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Jose Gomez, Plant Manager.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/07/2016
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Jose Gomez (Plant Manager); Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/07/2022
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: CA
Eval Source: CERS
Eval Notes:

Jose Gomez, Plant Manager.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Property Owner
Entity Name: Ross Name Plate Co.
Entity Title:
Address: 2 Red Plum Circle
City: Monterrey Park
State: CA
Country: United States
Zip Code: 91755
Phone: (323) 725-6812

Affil Type Desc: Document Preparer
Entity Name: JOSE GOMEZ
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: JOSE GOMEZ
Entity Title: PLANT MANAGER
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Environmental Contact
Entity Name: JOSE GOMEZ
Entity Title:
Address: 2 RED PLUM CIR
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Phone:

Affil Type Desc: Operator
Entity Name: Brett Henderson
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (323) 725-6812

Affil Type Desc: Parent Corporation
Entity Name: ROSS NAME PLATE COMPANY
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Identification Signer
Entity Name: JOSE GOMEZ
Entity Title: PLANT MANAGER
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Legal Owner
Entity Name: ROSS NAME PLATE COMPANY
Entity Title:
Address: 2 RED PLUM CIRCLE
City: MONTEREY PARK
State: CA
Country: United States
Zip Code: 91755
Phone: (323) 725-6812

Affil Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title:
Address: 5825 Rickenbacker Road
City: Commerce
State: CA
Country:
Zip Code: 90040-3027
Phone: (323) 890-4000

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 2 RED PLUM CIR
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755
Phone:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
19	7 of9	WSW	0.11 / 603.73	323.21 / -59	ROSS NAME PLATE COMPANY 2 RED PLUM CIR MONTEREY PARK CA 91755	CUPA LA COUNTY

Facility ID: FA0021690
CERS ID: 10280374

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Active Facility Details

PE: 3003

PE: 1003

PE: 2010

19	8 of9	WSW	0.11 / 603.73	323.21 / -59	ROSS NAME PLATE CO NUMBER 2 RED PLUM CR MONTEREY PARK CA 91754	RCRA LQG

EPA Handler ID: CAD981685373
Gen Status Universe: Large Quantity Generator
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: NUMBER 2 RED PLUM CR , , MONTEREY PARK , CA, 91754 , US
Contact Phone No and Ext: 213-725-6812
Contact Email:
Contact Country: US
County Name: LOS ANGELES
EPA Region: 09
Land Type: Other
Receive Date: 19861021
Location Latitude: 34.038676
Location Longitude: -118.117528

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Jan, 2024.

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 20160407
Scheduled Compliance Date:
Return to Compliance:
Actual Return to Compl:
Violation Responsible Agency: State

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 20160407
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20160407
Violation Responsible Agency: State

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - Records/Reporting
Violation Type: 262.D

Violation Determined Date: 20160407
Scheduled Compliance Date:
Return to Compliance:
Actual Return to Compl:
Violation Responsible Agency: State

Evaluation Details

Evaluation Start Date: 20160407
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description: Generators - Pre-transport
Return to Compliance Date: 20160407
Evaluation Agency: State

Evaluation Start Date: 20160407
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description: Generators - General
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20160407
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description: Generators - Records/Reporting
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19930308
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State Contractor/Grantee

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19861021
Handler Name: ROSS NAME PLATE CO
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: ROSS HARRY
Street No:
Street 1: NOT REQUIRED
Street 2:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Dt Became Current:		**City:**	NOT REQUIRED
Dt Ended Current:		**State:**	ME
Phone:	415-555-1212	**Country:**	
Source Type:	Notification	**Zip Code:**	99999

19	9 of9	WSW	0.11 / 603.73	323.21 / -59	ROSS NAME PLATE 2 RED PLUM MONTEREY PARK CA	UST SWEEPS

C C:	A19-000-7314	**D Filename:**	SITE04A
BOE:		**Page No:**	471
Comp:	7314	**County:**	LOS ANGELES
Status:	ACTIVE	**State :**	CA
No of Tanks:	1	**Zip:**	91754
Jurisdict:	LOS ANGELES COUNTY	**Latitude:**	34.038701
Agency:	WASTE MANAGEMENT DEPARTMENT	**Longitude:**	-118.11611
Phone:		**Georesult:**	S5HPN-SC-A

Tank Details

Tank ID:	000001	**S Contain:**	
O Tank ID:		**Stg:**	P
SWRCB No:	19-000-007314-000001	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:	03-15-90	**Content:**	REG UNLEADED
Capac:	5000	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	TANK4A

20	1 of1	W	0.12 / 618.66	336.60 / -45	ERLINDA SOSNOSKI 1981 FULTON AVE MONTEREY PARK CA 91755-6749	RCRA NON GEN

EPA Handler ID:	CAC003036667
Gen Status Universe:	No Report
Contact Name:	ERLINDA SOSNOSKI
Contact Address:	1981 FULTON AVE , , MONTEREY PARK , CA, 91755-6749 ,
Contact Phone No and Ext:	213-507-6481
Contact Email:	SOSNOSKIERLINDA1@AOL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20191002
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No

Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20191002
Handler Name:	ERLINDA SOSNOSKI
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1981 FULTON AVE
Name:	ERLINDA SOSNOSKI	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	213-507-6481	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755-6749

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1981 FULTON AVE
Name:	ERLINDA SOSNOSKI	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	213-507-6481	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755-6749

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
21	1 of1	SW	0.12 / 632.67	324.38 / -57	TMC POWER EQUIPMENT, INC. 2051 SATURN STREET MONTEREY PARK CA 91754	RCRA NON GEN

EPA Handler ID:	CAL912605187
Gen Status Universe:	No Report
Contact Name:	LARRY MURONAKA
Contact Address:	2051 , SATURN STREET , , MONTEREY PARK , CA, 91755 , US
Contact Phone No and Ext:	323-728-7266
Contact Email:	
Contact Country:	US
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	Private
Receive Date:	20180628
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No

Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20180628
Handler Name:	TMC POWER EQUIPMENT, INC.
Source Type:	Notification
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Waste Code Details

Hazardous Waste Code:	135
Waste Code Description:	Unspecified aqueous solution

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	2051
Type:	Private	***Street 1:***	SATURN STREET
Name:	LARRY MURONAKA	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	323-728-7266	***Country:***	US
Source Type:	Notification	***Zip Code:***	91755

Owner/Operator Ind:	Current Owner	***Street No:***	2051
Type:	Private	***Street 1:***	SATURN STREET
Name:	FUMIKO KANEMITSU	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:		***Country:***	US
Source Type:	Notification	***Zip Code:***	91755

Owner/Operator Ind:	Current Operator	***Street No:***	2051
Type:	Private	***Street 1:***	SATURN STREET
Name:	DEAN KANEMITSU	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	323-728-7266	***Country:***	US
Source Type:	Notification	***Zip Code:***	91755

Owner/Operator Ind:	Current Owner	***Street No:***	2051
Type:	Private	***Street 1:***	SATURN STREET
Name:	KAZUO KANEMITSU	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:		***Country:***	US
Source Type:	Notification	***Zip Code:***	91755

22	***1 of1***	***NNW***	***0.12 / 658.55***	***442.79 / 61***	***HENRY MONTES DE OCA 528 HARRISON RD MONTEREY PARK CA 91755***	***RCRA NON GEN***

EPA Handler ID:	CAC003234730
Gen Status Universe:	No Report

Contact Name:	HENRY MONTES DE OCA
Contact Address:	528 HARRISON RD , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-757-0502
Contact Email:	ERNIE@SIRRIS.BIZ
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20230530
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20230530
Handler Name:	HENRY MONTES DE OCA
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	528 HARRISON RD
Name:	HENRY MONTES DE OCA	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-757-0502	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	528 HARRISON RD
Name:	HENRY MONTES DE OCA	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-757-0502	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
23	1 of1	NNE	0.14 / 745.03	456.67 / 75	ANGEL SANCHEZ 624 ACKLEY STREET MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC002972501
Gen Status Universe: No Report
Contact Name: ANGEL SANCHEZ
Contact Address: 624 ACKLEY STREET , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 626-232-3208
Contact Email: LUPE@FRESHAIRENVIRONMENTAL.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20180724
Location Latitude: 34.043708
Location Longitude: -118.113533

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20180724
Handler Name: ANGEL SANCHEZ
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: ANGEL SANCHEZ
Date Became Current:
Date Ended Current:
Phone: 626-232-3208
Source Type: Implementer
Street No:
Street 1: 624 ACKLEY STREET
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Owner
Type: Other
Name: ANGEL SANCHEZ
Date Became Current:
Street No:
Street 1: 624 ACKLEY STREET
Street 2:
City: MONTEREY PARK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Ended Current:		**State:**	CA	
Phone:	626-232-3208	**Country:**		
Source Type:	Implementer	**Zip Code:**	91755	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
24	1 of1	NW	0.14 / 745.46	405.64 / 24	WILDA LAW 509 TAYLOR DR. MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC003083151
Gen Status Universe:	No Report
Contact Name:	WILDA LAW
Contact Address:	509 TAYLOR DR. , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-307-0303
Contact Email:	KC@AQHIINC.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20200910
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20200910
Handler Name:	WILDA LAW
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	509 TAYLOR DR.
Name:	WILDA LAW	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-307-0303	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	509 TAYLOR DR.
Name:	WILDA LAW	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-307-0303	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

25	1 of2	SSW	0.14 / 759.15	342.15 / -40	**601 POTRERO GRANDE DR** **MONTEREY PARK CA 917557430**	HMS LA

Site No:	020971
Area:	3M

Detail Info

Permit No:	
File No:	029706
File Name:	ARROWHEAD WATERS CO
Status:	File Opened, no permit exists
Permit Type:	
Permit Status:	
Permit Category:	

25	2 of2	SSW	0.14 / 759.15	342.15 / -40	**CARE1ST HEALTH PLAN** **601 PORTRERO GRANDE** **MONTEREY PARK CA 91755**	RCRA NON GEN

EPA Handler ID:	CAC002990067
Gen Status Universe:	No Report
Contact Name:	SCOTT KISSACK
Contact Address:	601 PORTRERO GRANDE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	323-889-6556
Contact Email:	DBANKS@CARE1ST.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20181120
Location Latitude:	34.038788
Location Longitude:	-118.110003

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20181120
Handler Name: CARE1ST HEALTH PLAN
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: SCOTT KISSACK
Date Became Current:
Date Ended Current:
Phone: 323-889-6556
Source Type: Implementer
Street No:
Street 1: 601 PORTRERO GRANDE
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Operator
Type: Other
Name: SCOTT KISSACK
Date Became Current:
Date Ended Current:
Phone: 323-889-6556
Source Type: Implementer
Street No:
Street 1: 601 PORTRERO GRANDE
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

26	1 of3	SW	0.16 / 837.07	332.74 / -49	521 ATLAS AVE MONTEREY PARK CA 91754	HMS LA

Site No: 007097
Area: 3M

Detail Info

Permit No: 000399911
File No: I07423
File Name: THE DYMENT CO
Status: Permit Closed
Permit Type: Operating Industrial Waste Permit - Local Sewer
Permit Status: Equipment Removed
Permit Category: Industrial Waste Permit

Detail Info

Permit No: 000177079
File No: 023936
File Name: CRA INT'L INDUSTRIAL INC
Status: Equipment Removed
Permit Type: Operating Industrial Waste Permit - Local Sewer
Permit Status: Equipment Removed
Permit Category: Industrial Waste Permit

Detail Info

Permit No: 000010417
File No: I07423
File Name: THE DYMENT CO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status: Permit Closed
Permit Type: Operating Industrial Waste Permit - Local Sewer
Permit Status: Permit Closed
Permit Category: Industrial Waste Permit

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26 | **2 of3** | **SW** | **0.16 / 837.07** | **332.74 / -49** | **DYMENT LTD**
521 ATLAS AVE
MONTEREY PARK CA 91754 | **EMISSIONS**

1993 Criteria Data

Facility ID:	63702	**CERR Code:**	
Facility SIC Code:	2675	**TOGT:**	1.8
CO:	19	**ROGT:**	1.04112
Air Basin:	SC	**COT:**	0
District:	SC	**NOXT:**	0
COID:	LA	**SOXT:**	
DISN:	SOUTH COAST AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

1993 Toxic Data

Facility ID:	63702	**COID:**	LA
Facility SIC Code:	2675	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1995 Criteria Data

Facility ID:	63702	**CERR Code:**	
Facility SIC Code:	2675	**TOGT:**	1.8
CO:	19	**ROGT:**	1.04112
Air Basin:	SC	**COT:**	0
District:	SC	**NOXT:**	0
COID:	LA	**SOXT:**	
DISN:	SOUTH COAST AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

1995 Toxic Data

Facility ID:	63702	**COID:**	LA
Facility SIC Code:	2675	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

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26 | **3 of3** | **SW** | **0.16 / 837.07** | **332.74 / -49** | **CRA INTERNATIONAL INDUSTRIAL INC**
521 ATLAS AVE
MONTEREY PARK CA 91755 | **CUPA LA COUNTY**

Facility ID: FA0043303
CERS ID: 10286098

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
27	1 of3	NE	0.17 / 879.35	436.36 / 55	BARBARA HIGA 1880 SOUTH ORANGE AVENUE MONTEREY PARK CA 91755	RCRA NON GEN

Inactive Facility Details

PE: 3000

EPA Handler ID: CAC003159123
Gen Status Universe: No Report
Contact Name: BARBARA HIGA
Contact Address: 1880 SOUTH ORANGE AVENUE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 626-278-8038
Contact Email: ROCKBOY777@AOL.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20220128
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20220128
Handler Name: BARBARA HIGA
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: BARBARA HIGA
Date Became Current:
Date Ended Current:
Street No:
Street 1: 1880 SOUTH ORANGE AVENUE
Street 2:
City: MONTEREY PARK
State: CA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Phone:	626-278-8038	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1880 SOUTH ORANGE AVENUE
Name:	BARBARA HIGA	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-278-8038	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

27	2 of3	NE	0.17 / 879.35	436.36 / 55	**BARBARA HIGA** **1880 S ORANGE AVE** **MONTEREY PARK CA 91755**	**RCRA NON GEN**

EPA Handler ID:	CAC003187564
Gen Status Universe:	No Report
Contact Name:	BARBARA HIGA
Contact Address:	1880 S ORANGE AVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	909-702-6955
Contact Email:	ACCOUNTING@TEAMHAZ.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20220728
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20220728
Handler Name:	BARBARA HIGA
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1880 S ORANGE AVE
Name:	BARBARA HIGA	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	909-702-6955	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1880 S ORANGE AVE
Name:	BARBARA HIGA	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	909-702-6955	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
27	3 of3	NE	0.17 / 879.35	436.36 / 55	BARBARA HIGA 1880 S ORANGE AVE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC003198606
Gen Status Universe:	No Report
Contact Name:	BARBARA HIGA
Contact Address:	1880 S ORANGE AVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-278-8018
Contact Email:	ROCKBOY777@AOL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20221009
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20221009
Handler Name:	BARBARA HIGA
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1880 S ORANGE AVE
Name:	BARBARA HIGA	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-278-8018	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1880 S ORANGE AVE
Name:	BARBARA HIGA	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-278-8018	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

28	*1 of1*	*NE*	*0.17 / 885.96*	*477.17 / 95*	***ERNESTINA CASTELLANOS 1912 PALM AVE MONTEREY PARK CA 91755-5728***	***RCRA NON GEN***

EPA Handler ID:	CAC003042964
Gen Status Universe:	No Report
Contact Name:	ERNESTINA CASTELLANOS
Contact Address:	1912 PALM AVE , , MONTEREY PARK , CA, 91755-5728 ,
Contact Phone No and Ext:	626-569-5618
Contact Email:	ERNIE@SIRRIS.BIZ
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20191113
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Receive Date: 20191113
Handler Name: ERNESTINA CASTELLANOS
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: ERNESTINA CASTELLANOS
Date Became Current:
Date Ended Current:
Phone: 626-569-5618
Source Type: Implementer

Street No:
Street 1: 1912 PALM AVE
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755-5728

Owner/Operator Ind: Current Operator
Type: Other
Name: ERNESTINA CASTELLANOS
Date Became Current:
Date Ended Current:
Phone: 626-569-5618
Source Type: Implementer

Street No:
Street 1: 1912 PALM AVE
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755-5728

29	1 of1	SSE	0.17 / 893.33	352.13 / -30	740 POTRERO GRANDE DR MONTEREY PARK CA 91754	HMS LA

Site No: 003932
Area: 3M

Detail Info

Permit No: 00001887C
File No: I04077
File Name: SEE 000487-I00489 (DEST)
Status: Permit Closed
Permit Type: Open Industrial Waste Permit Record (historic)
Permit Status: Permit Closed
Permit Category: Industrial Waste Permit

30	1 of1	E	0.17 / 914.42	365.91 / -16	METROPCS CALIFORNIA, LLC LA0289 1855 SATURN ST MONTEREY PARK CA 91754	CUPA LA COUNTY

Facility ID: FA0040083
CERS ID: 10298659

Inactive Facility Details

PE: 3000

31	1 of1	SW	0.17 / 923.46	333.36 / -48	588 ATLAS 588 ATLAS AVE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC003108626
Gen Status Universe: No Report
Contact Name: ROBERT SONNENBLICK
Contact Address: 588 ATLAS AVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 310-230-1200
Contact Email: RMARQUEZ@AMERICAN-INTEGRATED.COM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20210305
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20210305
Handler Name: 588 ATLAS
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: SONNENBLICK MONTEREY PARK LLC
Date Became Current:
Date Ended Current:
Phone: 310-230-1200
Source Type: Implementer
Street No:
Street 1: 588 ATLAS AVE
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Operator
Type: Other
Name: ROBERT SONNENBLICK
Date Became Current:
Date Ended Current:
Phone: 310-230-1200
Source Type: Implementer
Street No:
Street 1: 588 ATLAS AVE
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

32	1 of2	NW	0.18 / 925.76	369.62 / -12	ROBERT PERRY 420 ACKLEY ST MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC003089458

Gen Status Universe:	No Report
Contact Name:	ROBERT PERRY
Contact Address:	420 ACKLEY ST , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	714-655-2307
Contact Email:	SCHEDULING@PWSEI.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20201021
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20201021
Handler Name:	ROBERT PERRY
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	420 ACKLEY ST
Name:	ROBERT PERRY	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	714-655-2307	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	420 ACKLEY ST
Name:	ROBERT PERRY	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	714-655-2307	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	2 of2	NW	0.18 / 925.76	369.62 / -12	ROBERT PERRY 420 ACKLEY ST MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC003088356
Gen Status Universe: No Report
Contact Name: ROBERT PERRY
Contact Address: 420 ACKLEY ST , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 714-655-2307
Contact Email: SCHEDULING@PWSEI.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20201014
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20201014
Handler Name: ROBERT PERRY
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: ROBERT PERRY
Date Became Current:
Date Ended Current:
Phone: 714-655-2307
Source Type: Implementer
Street No:
Street 1: 420 ACKLEY ST
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Operator
Type: Other
Name: ROBERT PERRY
Date Became Current:
Street No:
Street 1: 420 ACKLEY ST
Street 2:
City: MONTEREY PARK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Ended Current:		**State:**	CA
Phone:	714-655-2307	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

33	1 of1	N	0.18 / 925.90	438.50 / 57	ANNA WANG 1828 FILLMORE DR. MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC003180897
Gen Status Universe:	No Report
Contact Name:	ANNA WANG
Contact Address:	1826 CARDIFF ROAD , , SAN DIMAS , CA, 91773 ,
Contact Phone No and Ext:	323-868-8810
Contact Email:	ANNA@ANNAWANG.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20220614
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20220614
Handler Name:	ANNA WANG
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1826 CARDIFF ROAD
Name:	ANNA WANG	**Street 2:**	
Date Became Current:		**City:**	SAN DIMAS
Date Ended Current:		**State:**	CA
Phone:	323-868-8810	**Country:**	
Source Type:	Implementer	**Zip Code:**	91773

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1828 FILLMORE DR.
Name:	ANNA WANG	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	323-868-8810	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
34	1 of1	E	0.18 / 930.55	365.91 / -16	MOON VALLEY NURSERY OF CALIFORNIA 2100 MARKET PLACE AVE MONTEREY PARK CA 91754	CUPA LA COUNTY

Facility ID:	FA0046742
CERS ID:	10713652

Active Facility Details

PE:	3001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
35	1 of1	E	0.18 / 931.49	365.91 / -16	OPERATING INDUSTRIES INC MONTEREY PARK CA	PFAS IND

Status:	Unknown	**Fac Fips Code:**	06037
Fac Indian Cntry Flg:	N	**Compliance Status:**	-
Fac Derived Huc:	18070105	**EPA Programs:**	-
Fac Derived Wbd:	180701050401	**Federal Facility:**	No
Fac Derived Cd113:	27	**Federal Agency:**	-
Fac Derived Cb2010:	060374828001005	**Fac Snc Flg:**	N
Fac Informal Count:	0	**AIR Flag:**	N
Last Informal Action:	-	**NPDES Flag:**	N
Formal Action Count:	0	**SDWIS Flag:**	N
Last Formal Action:	-	**RCRAFlag:**	N
Fac Total Penalties:	0	**TRI Flag:**	N
Fac Penalty Count:	-	**GHG Flag:**	N
Date Last Penalty:	-	**TRI IDs:**	-
Last Penalty Amt:	-	**TRI Releases Trnsfrs:**	-
Fac Qtrs With Nc:	-	**TRI on Site Releases:**	-
Programs With Snc:	0	**TRI off Site Trnsfrs:**	-
Fac Percent Minority:	94.677	**TRI Reporter:**	-
Fac Pop Den:	8609.11	**Fac Imp Water Flg:**	-
Count:	1	**Fac Major Flag:**	-
Fac County:	LOS ANGELES	**Fac Active Flag:**	-
State Other :		**Fac Inspection Count:**	0
Region:	09	**Date Last Inspection:**	-
Latitude:	34.03957	**Days Last Inspection:**	-
Longitude:	-118.10828		
Fac Derived Tribes:	-		
AIR IDs:	-		
CAA Permit Types:	-		
CAA NAICS:	-		
CAA SICS:	-		
NPDES IDs:	-		
CWA Permit Types:	-		
CWA NAICS:	-		
CWA SICS:	-		
RCRA IDs:	-		
RCRA Permit Types:	-		
RCRA NAICS:	-		
SDWA IDs:	-		
SDWA System Types:	-		
SDWA Compliance Status:	-		
SDWA Snc Flag:	N		
Fac Collection Meth:	ADDRESS MATCHING-HOUSE NUMBER		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

EJSCREEN Flag Us: Y
EJSCREEN Report: https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-118.10828,%22y%22:34.03957,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1
ECHO Facility Report: https://echo.epa.gov/detailed-facility-report?fid=110014001089

Industry: Waste Management

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36 | ***1 of1*** | ***NNE*** | ***0.18 / 934.20*** | ***439.23 / 57*** | ***DENNIS YAMANOUYE***
1871 S ORANGE AVE
MONTEREY PARK CA 91755 | ***RCRA NON GEN***

EPA Handler ID: CAC002999644
Gen Status Universe: No Report
Contact Name: DENNIS YAMANOUYE
Contact Address: 1871 S ORANGE AVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 626-512-9216
Contact Email: MANIFEST.SIRRIS@GMAIL.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20190205
Location Latitude: 34.043849
Location Longitude: -118.111895

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20190205
Handler Name: DENNIS YAMANOUYE
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: DENNIS YAMANOUYE
Date Became Current:
Street No:
Street 1: 1871 S ORANGE AVE
Street 2:
City: MONTEREY PARK

Date Ended Current:		**State:**	CA
Phone:	626-512-9216	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1871 S ORANGE AVE
Name:	DENNIS YAMANOUYE	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-512-9216	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
37	1 of2	NE	0.18 / 938.18	439.21 / 57	CITY Y OF MONTEREY PARK 1860 S. ORANGE AVE MONTEREY PARK CA 91754	RCRA NON GEN

EPA Handler ID:	CAC002974966
Gen Status Universe:	No Report
Contact Name:	CITY OF MONTEREY PARK
Contact Address:	1860 S. ORANGE AVE , , MONTEREY PARK , CA, 91754 ,
Contact Phone No and Ext:	760-421-1104
Contact Email:	GABRIELLE@PGJENVIRONMENTAL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20180809
Location Latitude:	34.04385
Location Longitude:	-118.111835

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20180809
Handler Name:	CITY Y OF MONTEREY PARK
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1860 S. ORANGE AVE
Name:	CITY OF MONTEREY PARK	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	760-421-1104	**Country:**	
Source Type:	Implementer	**Zip Code:**	91754

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1860 S. ORANGE AVE
Name:	CITY OF MONTEREY PARK	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	760-421-1104	**Country:**	
Source Type:	Implementer	**Zip Code:**	91754

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
37	2 of2	NE	0.18 / 938.18	439.21 / 57	RUTH WONG 1860 S. ORANGE AVE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC003028561
Gen Status Universe:	No Report
Contact Name:	RUTH WONG
Contact Address:	1860 S. ORANGE AVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-627-8663
Contact Email:	GABRIELLE@PGJENVIRONMENTAL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20190808
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190808
Handler Name:	RUTH WONG
Source Type:	Implementer
Federal Waste Generator Code:	N

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1860 S. ORANGE AVE
Name:	RUTH WONG	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-627-8663	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1860 S. ORANGE AVE
Name:	RUTH WONG	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-627-8663	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
38	1 of1	E	0.18 / 966.13	367.51 / -14	SCE MONTEBELLO SERVICE CTR 1000 E POTRERO GRANDE DR MONTEREY PARK CA 91755	RCRA LQG

EPA Handler ID: CAR000195891
Gen Status Universe: Large Quantity Generator
Contact Name: SARA M DUVALL
Contact Address: PO BOX 800 , , ROSEMEAD , CA, 91770 , US
Contact Phone No and Ext: 626-302-4187
Contact Email: SARA.DUVALL@SCE.COM
Contact Country: US
County Name: LOS ANGELES
EPA Region: 09
Land Type: Private
Receive Date: 20101207
Location Latitude: 34.040035
Location Longitude: -118.107253

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20081010
Handler Name: MONTEBELLO SERVICE CENTER
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20101207
Handler Name: SCE MONTEBELLO SERVICE CTR
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: 131
Waste Code Description: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

Hazardous Waste Code: 151
Waste Code Description: Asbestos-containing waste

Hazardous Waste Code:	181
Waste Code Description:	Other inorganic solid waste
Hazardous Waste Code:	211
Waste Code Description:	Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Hazardous Waste Code:	213
Waste Code Description:	Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Hazardous Waste Code:	214
Waste Code Description:	Unspecified solvent mixture
Hazardous Waste Code:	221
Waste Code Description:	Waste oil and mixed oil
Hazardous Waste Code:	223
Waste Code Description:	Unspecified oil-containing waste
Hazardous Waste Code:	261
Waste Code Description:	Polychlorinated biphenyls and material containing PCB's
Hazardous Waste Code:	272
Waste Code Description:	Polymeric resin waste
Hazardous Waste Code:	291
Waste Code Description:	Latex waste
Hazardous Waste Code:	331
Waste Code Description:	Off-specification, aged, or surplus organics
Hazardous Waste Code:	343
Waste Code Description:	Unspecified organic liquid mixture
Hazardous Waste Code:	352
Waste Code Description:	Other organic solids
Hazardous Waste Code:	461
Waste Code Description:	Degreasing sludge
Hazardous Waste Code:	512
Waste Code Description:	Other empty containers 30 gallons or more
Hazardous Waste Code:	513
Waste Code Description:	Empty containers less than 30 gallons
Hazardous Waste Code:	541
Waste Code Description:	Photochemicals / photo processing waste
Hazardous Waste Code:	551
Waste Code Description:	Laboratory waste chemicals
Hazardous Waste Code:	731
Waste Code Description:	Liquids with polychlorinated biphenyls > 50 mg/l
Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	D002
Waste Code Description:	CORROSIVE WASTE
Hazardous Waste Code:	D008
Waste Code Description:	LEAD
Hazardous Waste Code:	D018
Waste Code Description:	BENZENE
Hazardous Waste Code:	D039
Waste Code Description:	TETRACHLOROETHYLENE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: SOUTHERN CALIFORNIA EDISON
Dt Became Current: 19750101
Dt Ended Current:
Phone:
Source Type: Notification
Street No:
Street 1: PO BOX 800
Street 2:
City: ROSEMEAD
State: CA
Country: US
Zip Code: 91770

Owner/Operator Ind: Current Owner
Type: Private
Name: SOUTHERN CALIFORNIA EDISON
Dt Became Current: 19750101
Dt Ended Current:
Phone: 626-302-1212
Source Type: Notification
Street No:
Street 1: PO BOX 800
Street 2:
City: ROSEMEAD
State: CA
Country: US
Zip Code: 91770

Owner/Operator Ind: Current Operator
Type: Private
Name: SOUTHERN CALIFORNIA EDISON
Dt Became Current: 19750101
Dt Ended Current:
Phone:
Source Type: Notification
Street No:
Street 1:
Street 2:
City:
State:
Country:
Zip Code:

Historical Handler Details

Receive Dt: 20081010

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Generator Code Description:		Large Quantity Generator				
Handler Name:		MONTEBELLO SERVICE CENTER				
39	1 of3	SSE	0.18 / 972.62	344.97 / -37	700 POTRERO GRANDE DR MONTEREY PARK CA 91754	HMS LA
Site No:		009002				
Area:		3M				
Detail Info						
Permit No:		00004028T				
File No:		012371				
File Name:		SCE - MESA SUBSTATION				
Status:		Equipment Removed				
Permit Type:		Underground Storage Tank Operating Permit				
Permit Status:		Equipment Removed				
Permit Category:		Underground Storage Tank				
39	2 of3	SSE	0.18 / 972.62	344.97 / -37	METROPOLITAN WATER DISTRICT'S MIDDLE FEEDER SOUTH PIPELINE 700 POTRERO GRANDE DRIVE MONTEREY PARK CA 91755-7409	WASTE DISCHG
Global ID:		WDR100039675			**Census Tract:**	
Site Facility Type:					**Longitude:**	
Cleanup Status:					**Latitude:**	
Address:		700 POTRERO GRANDE DRIVE				
City:		MONTEREY PARK				
County:		LOS ANGELES				
State:		CA				
Zip:		91755-7409				
GeoTracker Search - Facilities (as of October 16, 2023)						
Site Facility Name:		METROPOLITAN WATER DISTRICT'S MIDDLE FEEDER SOUTH PIPELINE				
Site Facility Type:		* WDR SITE				
Cleanup Status:		NEVER ACTIVE - WDR				
Cleanup Stat Detail:						
Potential COC:						
CUF Claimno No:						
CUF Amount Paid:						
WDR Place Type:		Domestic Site NEC				
WDR File No:		17-046				
WDR Order No:						
File Location:						
Address/Partial Add:		700 POTRERO GRANDE DRIVE				
City:		MONTEREY PARK				
ZIP:		91755-7409				
County:		LOS ANGELES				
Potential Media of Concern:						
User Defined Beneficial Use:						
Designated Beneficial Use:		NONE				
Designated Beneficl Use Desc:		NONE				
Post Closure Site Management:						
Future Land Use Reported:						
CUF Priority Assigned:						
Project Status:		NEVER ACTIVE - WDR AS OF				
DWR GW Sub Basin:						
Calwater Watershed:						
Cleanup Oversight Agencies:						
Project Oversight Agencies:		LOS ANGELES RWQCB (REGION 4) (LEAD)				
Facility Type:						

Composting Method:
Groundwater Monitoring Frq:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=WDR100039675
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=WDR100039675&tabname=regulatoryhistory
Site History:

No site history available

GeoTracker Search - Regulatory Activities (as of October 16, 2023)

Action Type: Enforcement/Orders
Action: Incomplete WDR Application
Action Dt: 11/3/2017
Received Issue Dt: 11/3/2017
Title Description Comments: Metropolitan Water Districts_Incomplete Application, File No. 17-046_2017-11-03
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=WDR100039675&enforcement_id=6340331&temptable=ENFORCEMENT

Action Type: Response Requested - WDR
Action: WDR Application (Form 200)
Action Dt: 4/3/2017
Received Issue Dt: 4/3/2017
Title Description Comments: Metropolitan Water District's Middle Feeder South Pipeline_Form 200_2017-04-03
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=WDR100039675&doc_id=5916760

GeoTracker Search - Project Status History (as of October 16, 2023)

Status: Open - Case Begin Date
Date: 4/3/2017

GeoTracker Search - Documents (as of October 16, 2023)

Title: METROPOLITAN WATER DISTRICTS_INCOMPLETE APPLICATION, FILE NO. 17-046_2017-11-03
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=WDR100039675&enforcement_id=6340331
Type: INCOMPLETE WDR APPLICATION
Submitted:
Submitted By: CLARITA S. QUIDILLA (REGULATOR)
Document Type: Site Documents
Document Date: 11/3/2017
Size:

Title: METROPOLITAN WATER DISTRICT'S MIDDLE FEEDER SOUTH PIPELINE_FORM 200_2017-04-03
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=WDR100039675&document_id=5916760
Type: WDR APPLICATION (FORM 200)
Submitted:
Submitted By: CLARITA S. QUIDILLA (REGULATOR)
Document Type: Site Documents
Document Date: 4/3/2017
Size:

39	3 of3	SSE	0.18 / 972.62	344.97 / -37	SPRINT NXTL SCE MESA SUB 700 E POTRERO GRANDE DR SPRNT MONTEREY PARK CA 91755	CUPA LA COUNTY

Facility ID: FA0038903
CERS ID: 0

Inactive Facility Details

PE: 3000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
40	1 of1	SW	0.19 / 978.09	334.74 / -47	ATLAS DISPLAY CO. 521 ATLAS AV MONTEREY PARK CA 91754	EMISSIONS

1990 Criteria Data

Facility ID:	63702	**CERR Code:**	
Facility SIC Code:	2675	**TOGT:**	.9
CO:	19	**ROGT:**	.81396
Air Basin:	SC	**COT:**	
District:	SC	**NOXT:**	
COID:	LA	**SOXT:**	
DISN:	SOUTH COAST AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

1990 Toxic Data

Facility ID:	63702	**COID:**	LA
Facility SIC Code:	2675	**DISN:**	SOUTH COAST AQMD
CO:	19	**CHAPIS:**	
Air Basin:	SC	**CERR Code:**	
District:	SC		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
41	1 of1	SSE	0.19 / 978.50	343.56 / -38	SPRINT NXTL POTRERO GRANDE 690 POTRERO GRANDE DR MONTEREY PARK CA 91755	CUPA LA COUNTY

Facility ID:	FA0038902
CERS ID:	0

Inactive Facility Details

PE:	3000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
42	1 of1	E	0.19 / 1,001.64	372.18 / -10	POWER GRADE MESA SUBSTATION PROJECT YARD 2110 GREENWOOD AVE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAL000432709
Gen Status Universe:	No Report
Contact Name:	CRAIG PERNOT
Contact Address:	2115 S CUCAMONGA AVE , , ONTARIO , CA, 91761 ,
Contact Phone No and Ext:	909-226-5287
Contact Email:	CRAIG@POWERGRADEINC.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20171220
Location Latitude:	34.038177
Location Longitude:	-118.107304

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20171220
Handler Name:	POWER GRADE MESA SUBSTATION PROJECT YARD
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	2115 S CUCAMONGA AVE
Name:	POWER GRADE INC	***Street 2:***	
Date Became Current:		***City:***	ONTARIO
Date Ended Current:		***State:***	CA
Phone:	909-947-5191	***Country:***	
Source Type:	Implementer	***Zip Code:***	91761
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	2115 S CUCAMONGA AVE
Name:	CRAIG PERNOT	***Street 2:***	
Date Became Current:		***City:***	ONTARIO
Date Ended Current:		***State:***	CA
Phone:	909-226-5287	***Country:***	
Source Type:	Implementer	***Zip Code:***	91761

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
43	1 of2	NNE	0.19 / 1,005.48	443.41 / 62	MARION SOMIMOTO 1840 S ORANGE AVE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC002991589
Gen Status Universe:	No Report
Contact Name:	MARION SOMIMOTO
Contact Address:	1840 S ORANGE AVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-288-9519
Contact Email:	MANIFEST.SIRRIS@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20181204
Location Latitude:	34.044032
Location Longitude:	-118.111805

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20181204
Handler Name:	MARION SOMIMOTO
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1840 S ORANGE AVE
Name:	MARION SOMIMOTO	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-288-9519	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1840 S ORANGE AVE
Name:	MARION SOMIMOTO	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-288-9519	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
43	2 of2	NNE	0.19 / 1,005.48	443.41 / 62	MARION SUMIMOTO 1840 S ORANGE AVE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC003096901
Gen Status Universe:	No Report
Contact Name:	MARION SUMIMOTO
Contact Address:	1840 S ORANGE AVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-288-9519
Contact Email:	MFSUMI63@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	

Receive Date: 20201211
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20201211
Handler Name: MARION SUMIMOTO
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: MARION SUMIMOTO
Date Became Current:
Date Ended Current:
Phone: 626-288-9519
Source Type: Implementer
Street No:
Street 1: 1840 S ORANGE AVE
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Owner
Type: Other
Name: MARION SUMIMOTO
Date Became Current:
Date Ended Current:
Phone: 626-288-9519
Source Type: Implementer
Street No:
Street 1: 1840 S ORANGE AVE
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

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44 | **1 of4** | **S** | **0.19 / 1,021.35** | **342.31 / -40** | **SCE - MESA SUBSTATION**
700 E POTRERO GRANDE DR
MONTEREY PARK CA 91755 | **LUST**

Global ID: T0601993710
Site Facility Type:
Status: Completed - Case Closed
Status Date (DL): 4/23/2003
Cleanup Status:
Census Tract: 6037482800
Census Tract (SRCH): 6037482800
Oil Field (SRCH):
Oil Field Oper (SRCH):
Latitude:

Case Type (DL): LUST Cleanup Site
Longitude:
RWQCB Region (DL): LOS ANGELES RWQCB (REGION 4)
Site Facility Name:
Business Name (DL): SCE - MESA SUBSTATION
Address: 700 E POTRERO GRANDE DR
City: MONTEREY PARK
State: CA
Zip: 91755
County: LOS ANGELES

GeoTracker Sites Data Download - Site Details

CUF Case: NO
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker:
Local Agency: LOS ANGELES COUNTY
RB Case No: R-12371
Local Case No:
File Location:
Potential COC: Diesel, Gasoline
Potential Media of Concern: Soil
Begin Date: 7/9/1999
How Discovered: Other Means
How Discovered Description:
Stop Method:
Stop Description:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name: Coastal Plain Of Los Angeles - Central (4-011.04)
Disadvantaged Community:
CalEnvScreen Score:
Coordinate Source: Google Geocode
Discharge Cause: Unknown
Discharge Source: Tank
EPA Region: 9
Leak Reported Dt: 2001-10-02 00:00:00
Military DoD Site: No
No Further Action Dt: 2003-04-23 00:00:00
Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 86-90%
Calenviroscreen 4 Score: 60-65%
Site History:

GeoTracker Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: RANI IYER
Organization Name: LOS ANGELES COUNTY
Address: 900 S. FREMONT AVE.
City: ALHAMBRA
Email: riyer@dpw.lacounty.gov
Phone No:

GeoTracker Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 4/23/2003

Status: Open - Site Assessment
Status Date: 4/2/2002

Status: Open - Verification Monitoring
Status Date: 10/2/2001

Status: Open - Case Begin Date

Status Date: 7/9/1999

Status: Open - Site Assessment
Status Date: 7/9/1999

GeoTracker Search - Regulatory Profile (as of October 16, 2023)

Site Facility Name: SCE - MESA SUBSTATION
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 700 E POTRERO GRANDE DR
City: MONTEREY PARK
Zip: 91755
County: LOS ANGELES
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0601993710
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 4/23/2003
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0601993710&tabname=regulatoryhistory
Potential COC: DIESEL, GASOLINE
Potential Media of Concern: SOIL
File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
DWR GW Sub Basin: Coastal Plain Of Los Angeles - Central (4-011.04)
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: R-12371
LOS ANGELES COUNTY
CASE MANAGER: RANI IYER
CUF Claim No:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File No:
WDR Order No:
Project Oversight Agencies:
Facility Type:
Composting Method:
Grndwtr Monitoring Frequency:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

GeoTracker Search - Cleanup Status History (as of October 16, 2023)

Status: Completed - Case Closed
Date : 4/23/2003

Status: Open - Site Assessment
Date : 4/2/2002

Status: Open - Verification Monitoring
Date : 10/2/2001

Status: Open - Case Begin Date
Date : 7/9/1999

Status: Open - Site Assessment
Date : 7/9/1999

GeoTracker Search - Regulatory Activities (as of October 16, 2023)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 4/23/2003
Received Issue Date: 4/23/2003
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0601993710&enforcement_id=5875772&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Meeting
Action Date: 4/10/2003
Received Issue Date: 4/10/2003
Doc Link:
Title Description Comments:

MEETING W/RP

Action Type: Response Requested - Reports
Action: Soil and Water Investigation Report
Action Date: 1/31/2003
Received Issue Date: 1/31/2003
Doc Link:
Title Description Comments:

Soil and Water Investigation Report

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 10/25/2002
Received Issue Date: 10/25/2002
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 8/2/2002
Received Issue Date: 8/2/2002
Doc Link:
Title Description Comments:

SB592 NOTIFICATION

Action Type: Response Requested - Workplans
Action: Soil and Water Investigation Workplan
Action Date: *8/1/2002
Received Issue Date: 10/10/2002
Doc Link:
Title Description Comments:

Soil and Water Investigation Workplan

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 7/2/2002
Received Issue Date: 7/2/2002
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 4/2/2002
Received Issue Date: 4/2/2002
Doc Link:

Title Description Comments:

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 2/1/2002
Received Issue Date: 2/1/2002
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 10/2/2001
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 8/12/1999
Received Issue Date:
Doc Link:
Title Description Comments:

GeoTracker Search - Site Maps (as of October 16, 2023)

Submitted: 4/24/2003
Submitted By: DARREN BRANDNER (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/8226911246/T0601993710.pdf

GeoTracker Search - Documents (as of October 16, 2023)

Document Type: Site Documents ***Document Date:*** 4/23/2003
Type: CLOSURE/NO FURTHER ACTION LETTER ***Submitted:***
Submitted By: MARIA BAMBICO (REGULATOR)
Title: CLOSURE/NO FURTHER ACTION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0601993710&enforcement_id=5875772

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	2 of4	S	0.19 / 1,021.35	342.31 / -40	SCE MESA SUBSTATION 700 E POTRERO GRANDE DR MONTEREY PARK CA 91754	CUPA LA COUNTY

Facility ID: FA0021162
CERS ID: 10159501

Active Facility Details

PE: 3701

PE: 3004

PE: 1003

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	3 of4	S	0.19 / 1,021.35	342.31 / -40	SCE MESA SUBSTATION 700 E POTRERO GRANDE DR MONTEREY PARK CA 91755	RCRA LQG

EPA Handler ID: CAR000203182
Gen Status Universe: Large Quantity Generator
Contact Name: SARA M DUVALL

Contact Address:	PO BOX 800 , , ROSEMEAD , CA, 91770 , US
Contact Phone No and Ext:	626-302-4781
Contact Email:	SARA.DUVALL@SCE.COM
Contact Country:	US
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	Private
Receive Date:	20220309
Location Latitude:	34.0371
Location Longitude:	-118.113378

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20091009
Handler Name:	MESA SUBSTATION
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	D018
Waste Code Description:	BENZENE
Hazardous Waste Code:	F001
Waste Code Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	F002
Waste Code Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR

THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20101207
Handler Name: SCE MESA SUBSTATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: 133
Waste Code Description: Aqueous solution with 10% or more total organic residues

Hazardous Waste Code: 151
Waste Code Description: Asbestos-containing waste

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: 211
Waste Code Description: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)

Hazardous Waste Code: 213
Waste Code Description: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 221
Waste Code Description: Waste oil and mixed oil

Hazardous Waste Code: 223
Waste Code Description: Unspecified oil-containing waste

Hazardous Waste Code: 261
Waste Code Description: Polychlorinated biphenyls and material containing PCB's

Hazardous Waste Code: 272
Waste Code Description: Polymeric resin waste

Hazardous Waste Code: 291
Waste Code Description: Latex waste

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: 461
Waste Code Description: Degreasing sludge

Hazardous Waste Code: 512
Waste Code Description: Other empty containers 30 gallons or more

Hazardous Waste Code: 513
Waste Code Description: Empty containers less than 30 gallons

Hazardous Waste Code: 541
Waste Code Description: Photochemicals / photo processing waste

Hazardous Waste Code: 551
Waste Code Description: Laboratory waste chemicals

Hazardous Waste Code: 731
Waste Code Description: Liquids with polychlorinated biphenyls > 50 mg/l

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20220309
Handler Name: SCE MESA SUBSTATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 133
Waste Code Description: Aqueous solution with 10% or more total organic residues

Hazardous Waste Code: 151
Waste Code Description: Asbestos-containing waste

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: 211
Waste Code Description: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)

Hazardous Waste Code: 213
Waste Code Description: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 221
Waste Code Description: Waste oil and mixed oil

Hazardous Waste Code: 223
Waste Code Description: Unspecified oil-containing waste

Hazardous Waste Code: 261
Waste Code Description: Polychlorinated biphenyls and material containing PCB's

Hazardous Waste Code: 272
Waste Code Description: Polymeric resin waste

Hazardous Waste Code: 291
Waste Code Description: Latex waste

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: 461
Waste Code Description: Degreasing sludge

Hazardous Waste Code: 512
Waste Code Description: Other empty containers 30 gallons or more

Hazardous Waste Code: 513
Waste Code Description: Empty containers less than 30 gallons

Hazardous Waste Code: 541
Waste Code Description: Photochemicals / photo processing waste

Hazardous Waste Code: 551
Waste Code Description: Laboratory waste chemicals

Hazardous Waste Code: 731
Waste Code Description: Liquids with polychlorinated biphenyls > 50 mg/l

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Street No:
Street 1: PO BOX 800

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Name:	SOUTHERN CALIFORNIA EDISON	**Street 2:**	
Dt Became Current:	19500101	**City:**	ROSEMEAD
Dt Ended Current:		**State:**	CA
Phone:	626-302-1212	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	91770
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 800
Name:	SOUTHERN CALIFORNIA EDISON	**Street 2:**	
Dt Became Current:	19500101	**City:**	ROSEMEAD
Dt Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	91770
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	SOUTHERN CALIFORNIA EDISON	**Street 2:**	
Dt Became Current:	19500101	**City:**	
Dt Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Notification	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 800
Name:	SOUTHERN CALIFORNIA EDISON	**Street 2:**	
Dt Became Current:	19500101	**City:**	ROSEMEAD
Dt Ended Current:		**State:**	CA
Phone:	626-302-1212	**Country:**	US
Source Type:	Notification	**Zip Code:**	91770
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 800
Name:	SOUTHERN CALIFORNIA EDISON	**Street 2:**	
Dt Became Current:	19500101	**City:**	ROSEMEAD
Dt Ended Current:		**State:**	CA
Phone:	626-302-1212	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	91770

Historical Handler Details

Receive Dt:	20101207
Generator Code Description:	Large Quantity Generator
Handler Name:	SCE MESA SUBSTATION
Receive Dt:	20091009
Generator Code Description:	Large Quantity Generator
Handler Name:	MESA SUBSTATION

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	4 of4	S	0.19 / 1,021.35	342.31 / -40	SOUTHERN CALIFORNIA EDISON 700 E POTRERO GRANDE DR MONTEREY PARK CA	UST SWEEPS

C C:	A19-000-12371	**D Filename:**	SITE04A
BOE:	44-007438	**Page No:**	471
Comp:	12371	**County:**	LOS ANGELES
Status:	ACTIVE	**State :**	CA
No of Tanks:	1	**Zip:**	
Jurisdict:	LOS ANGELES COUNTY	**Latitude:**	34.035463
Agency:	WASTE MANAGEMENT DEPARTMENT	**Longitude:**	-118.117422
Phone:		**Georesult:**	S5HPNTSC-A

Tank Details

Tank ID:	000001	**S Contain:**	
O Tank ID:		**Stg:**	W
SWRCB No:	19-000-012371-000001	**Storage :**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Removed:		**Storag Type:**	WASTE
Installed:		**P Contain:**	
A Date:	06-30-89	**Content:**	
Capac:		**ONA:**	
Tank Use:	UNKNOWN	**D File Name:**	TANK4A

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
45	1 of1	NNE	0.20 / 1,074.41	446.35 / 64	GEORGE BACHMANN 1820 S ORANGE AVE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC003222779
Gen Status Universe:	No Report
Contact Name:	JESSICA BACHMANN
Contact Address:	1820 S ORANGE AVE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-290-2833
Contact Email:	IMJESSICABACHMANN@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20230316
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20230316
Handler Name:	GEORGE BACHMANN
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1820 S ORANGE AVE
Name:	IMJESSICABACHMANN@GMAIL.COM WU	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Phone:	626-290-2833	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1820 S ORANGE AVE
Name:	JESSICA BACHMANN	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-290-2833	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

46	1 of1	E	0.20 / 1,078.19	370.49 / -11	**MESA WATERLINE RELOCATION PROJECT** **1101 POTRERO GRANDE DR** **MONTEREY PARK CA 91755**	RCRA NON GEN

EPA Handler ID:	CAL000432118
Gen Status Universe:	No Report
Contact Name:	CODY WARRINGTON
Contact Address:	10704 SHOEMAKER AVE , , SANTA FE SPRINGS , CA, 90670 ,
Contact Phone No and Ext:	562-320-1038
Contact Email:	CODY.WARRINGTON@KIEWIT.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20171115
Location Latitude:	34.039923
Location Longitude:	-118.107699

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20171115
Handler Name:	MESA WATERLINE RELOCATION PROJECT
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	10704 SHOEMAKER AVE
Name:	CODY WARRINGTON	**Street 2:**	
Date Became Current:		**City:**	SANTA FE SPRINGS
Date Ended Current:		**State:**	CA
Phone:	562-320-1038	**Country:**	
Source Type:	Implementer	**Zip Code:**	90670

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	4650 BUSINESS CENTER DR
Name:	KIEWIT INFRASTRUCTURE WEST CO	**Street 2:**	
Date Became Current:		**City:**	FAIRFIELD
Date Ended Current:		**State:**	CA
Phone:	707-439-7300	**Country:**	
Source Type:	Implementer	**Zip Code:**	94534

47	**1 of1**	**WSW**	**0.21 / 1,086.50**	**322.47 / -59**	**MOBAY CHEM CORP MONTEREY PK** **17 CUPANIA CIR** **MONTEREY PARK CA 91754**	**RCRA SQG**

EPA Handler ID:	CAD066647306
Gen Status Universe:	Small Quantity Generator
Contact Name:	
Contact Address:	US
Contact Phone No and Ext:	
Contact Email:	
Contact Country:	US
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	19960901
Location Latitude:	34.037642
Location Longitude:	-118.1187

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19800818
Handler Name:	MOBAY CHEM CORP MONTEREY PK
Federal Waste Generator Code:	1

Generator Code Description: Large Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19960901
Handler Name: MOBAY CHEM CORP MONTEREY PK
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: MCCASLIN PACIFIC PROPERTIES
Date Became Current:
Date Ended Current:
Phone: 415-555-1212
Source Type: Notification
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: ME
Country:
Zip Code: 99999

Owner/Operator Ind: Current Operator
Type: Private
Name: NOT REQUIRED
Date Became Current:
Date Ended Current:
Phone: 415-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: ME
Country:
Zip Code: 99999

Historical Handler Details

Receive Dt: 19800818
Generator Code Description: Large Quantity Generator
Handler Name: MOBAY CHEM CORP MONTEREY PK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
48	1 of4	SE	0.21 / 1,105.17	332.29 / -50	MESA SUBSTATION 700 EAST POSTRERO GRANGE DR WILCOX MONTEREY PARK CA 91754	HHSS

County: Los Angeles
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028731.pdf

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
48	2 of4	SE	0.21 / 1,105.17	332.29 / -50	SCE Mesa Substation 700 EAST POTRERO GRANDE DR MONTEREY PARK CA 91755	CERS TANK

Site ID: 155266
Latitude: 34.036870
Longitude: -118.113920

Regulated Programs

EI ID: 10159501
EI Description: Chemical Storage Facilities

EI ID: 10159501
EI Description: Aboveground Petroleum Storage

EI ID: 10159501
EI Description: Hazardous Waste Generator

Evaluations

Eval Date: 12/09/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

John Amott IV (Safety & Environmental Specialist) Observed no significant violation on site at time of inspection.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 09/17/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 09/17/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 12/30/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Consent given by Brett Koontz, Environmental Supervisor; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/09/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

John Amott IV (Safety & Environmental Specialist) Observed no significant violation on site at time of inspection.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/30/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Consent given by Brett Koontz, Environmental Adviser; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 09/17/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 12/27/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 09/17/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

INSPECTED BY A. NG CONSENT GIVEN BY MITCHELLE ORA; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/27/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 09/17/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

INSPECTED BY A. NG CONSENT GIVEN BY MITCHELLE ORA; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/09/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

John Amott IV (Safety & Environmental Specialist) Observed no significant violation on site at time of inspection.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/30/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Consent given by Brett Koontz, Environmental Adviser; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 09/17/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

INSPECTED BY A. NG CONSENT GIVEN BY MITCHELLE ORA; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/27/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Affiliations

Affil Type Desc: Parent Corporation
Entity Name: Southern California Edison, Transmission and Distribution Organization (TD)
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Property Owner
Entity Name: Southern California Edison
Entity Title:
Address: P.O. Box 5085 (Attn: ESD, Programs & Governance)
City: Rosemead
State: CA
Country: United States
Zip Code: 91770
Phone: (626) 302-1212

Affil Type Desc: Environmental Contact
Entity Name: Environmental Notification Center
Entity Title:
Address: P.O. Box 5085 (Attn: ESD, Programs & Governance)
City: Rosemead
State: CA
Country:
Zip Code: 91770
Phone:

Affil Type Desc: Operator

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Entity Name: Southern California Edison
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (626) 302-1212

Affil Type Desc: Document Preparer
Entity Name: Jeremy Gates
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: P.O. Box 5085 (Attn: ESD, Programs & Governance)
City: Rosemead
State: CA
Country:
Zip Code: 91770
Phone:

Affil Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title:
Address: 5825 Rickenbacker Road
City: Commerce
State: CA
Country:
Zip Code: 90040-3027
Phone: (323) 890-4000

Affil Type Desc: Legal Owner
Entity Name: Southern California Edison
Entity Title:
Address: P.O. Box 5085 (Attn: ESD, Programs & Governance)
City: Rosemead
State: CA
Country: United States
Zip Code: 91770
Phone: (626) 302-1212

Affil Type Desc: Identification Signer
Entity Name: Jeremy Gates
Entity Title: Senior Advisor
Address:
City:
State:
Country:
Zip Code:
Phone:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
48	3 of4	SE	0.21 / 1,105.17	332.29 / -50	MESA SUBSTATION 700 EAST POTRERO GRANGE DR MONTEREY PARK CA	HIST TANK

Owner Name: SOUTHERN CALIFORNIA EDISON CO.
Owner Street: 2244 WALNUT GROVE AVENUE
Owner City: ROSEMEAD
Owner State: CA
Owner Zip: 91770
No of Containers: 1
County: LOS ANGELES
Facility State: CA
Facility Zip: 91754

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
48	4 of4	SE	0.21 / 1,105.17	332.29 / -50	MESA SUBSTATION 700 E. POTRERO GRANDE DR. MONTEREY PARK CA 91754	RCRA SQG

EPA Handler ID: CAD981694813
Gen Status Universe: Small Quantity Generator
Contact Name: STANLEY L MARSH
Contact Address: US
Contact Phone No and Ext: 626-302-9711
Contact Email: STANLEY.MARSH@SCE.COM
Contact Country: US
County Name: LOS ANGELES
EPA Region: 09
Land Type: Private
Receive Date: 20020228
Location Latitude: 34.0371
Location Longitude: -118.113378

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19990316
Handler Name: MESA SUBSTATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20020228
Handler Name: MESA SUBSTATION
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20020228
Handler Name: MESA SUBSTATION
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 223
Waste Code Description: Unspecified oil-containing waste

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Handler Details

Receive Dt: 20020228
Generator Code Description: Large Quantity Generator
Handler Name: MESA SUBSTATION

Receive Dt: 19990316
Generator Code Description: Large Quantity Generator
Handler Name: MESA SUBSTATION

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
49	1 of2	NNE	0.21 / 1,132.30	449.69 / 68	AMEY ENOMOTO 696 WILSON PLACE MONTER MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC002990644
Gen Status Universe: No Report
Contact Name: AMEY ENOMOTO
Contact Address: 696 WILSON PLACE , MONTER , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 626-280-7441
Contact Email: SENSITIVEENVIRONMENT@GMAIL.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20181127
Location Latitude: 34.044441
Location Longitude: -118.112006

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20181127
Handler Name: AMEY ENOMOTO
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: AMEY ENOMOTO
Date Became Current:
Date Ended Current:
Phone: 626-280-7441
Source Type: Implementer
Street No:
Street 1: 696 WILSON PLACE
Street 2: MONTER
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Owner
Type: Other
Name: AMEY ENOMOTO
Date Became Current:
Street No:
Street 1: 696 WILSON PLACE
Street 2: MONTER
City: MONTEREY PARK

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Ended Current:		**State:**	CA
Phone:	626-280-7441	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

49	2 of2	NNE	0.21 / 1,132.30	449.69 / 68	AMEY ENOMOTO 696 WILSON PLACE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC002991838
Gen Status Universe:	No Report
Contact Name:	AMEY ENOMOTO
Contact Address:	696 WILSON PLACE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-280-7441
Contact Email:	SENSITIVEENVIRONMENT@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20181205
Location Latitude:	34.044441
Location Longitude:	-118.112006

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20181205
Handler Name:	AMEY ENOMOTO
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	696 WILSON PLACE
Name:	AMEY ENOMOTO	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-280-7441	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	696 WILSON PLACE
Name:	AMEY ENOMOTO	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-280-7441	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
50	1 of1	NW	0.22 / 1,145.97	388.33 / 6	ERNEST GUZMAN 1852 BUCHANAN PLACE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC002983645
Gen Status Universe:	No Report
Contact Name:	ERNEST GUZMAN
Contact Address:	1852 BUCHANAN PLACE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-277-9754
Contact Email:	ENVIROWORK.VANESSA@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20181005
Location Latitude:	34.043901
Location Longitude:	-118.11728

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20181005
Handler Name:	ERNEST GUZMAN
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1852 BUCHANAN PLACE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Name:	ERNEST GUZMAN	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-277-9754	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1852 BUCHANAN PLACE
Name:	ERNEST GUZMAN	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	626-277-9754	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

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51 | ***1 of1*** | ***E*** | ***0.22 / 1,153.89*** | ***398.09 / 16*** | ***MCCASLIN MATERIALS CO. PIT***
LOS ANGELES COUNTY
MONTEREY PARK CA 91755 | ***MRDS***

Dep ID:	10236616	**I1:**	79
Dev Status:	PAST PRODUCER	**Latitude:**	34.041687
Code List:	STN_C	**Longitude:**	-118.107788
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10236616		

Commodity

I1:	28	**Line:**	1
Code:	STN_C	**Inserted By:**	MAS migration
Commodity:	Stone, Crushed/Broken	**Insert Date:**	29-OCT-2002 09:00:24
Commodity Type:	Non-metallic	**Updated By:**	USGS
Commodity Group:	Stone, Crushed	**Update Date:**	29-OCT-2002 09:02:07
Importance:	Primary		

Names

I1:	33	**Inserted By:**	MAS migration
Status:	Previous	**Insert Date:**	29-OCT-02
Site Name:	Mccaslin Materials Co.	**Updated By:**	USGS
Line:	2	**Update Date:**	29-OCT-02

Names

I1:	33	**Inserted By:**	MAS migration
Status:	Current	**Insert Date:**	29-OCT-02
Site Name:	Mccaslin Materials Co. Pit	**Updated By:**	USGS
Line:	1	**Update Date:**	29-OCT-02

---

52 | ***1 of1*** | ***ENE*** | ***0.22 / 1,172.45*** | ***478.64 / 97*** | ***MOMI NARIKOYO***
1863 ASH
MONTEREY PARK CA 91755 | ***RCRA NON GEN***

EPA Handler ID:	CAC003113540
Gen Status Universe:	No Report
Contact Name:	MOMI NARIKOYO
Contact Address:	1863 ASH , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-862-4421
Contact Email:	MANIFEST.SIRRIS@GMAIL.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20210406
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20210406
Handler Name:	MOMI NARIKOYO
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1863 ASH
Name:	MOMI NARIKOYO	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-862-4421	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1863 ASH
Name:	MOMI NARIKOYO	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-862-4421	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
53	*1 of2*	*SW*	*0.23 / 1,191.68*	*330.36 / -51*	***2 CORAL CIR MONTEREY PARK CA 91754***	***HMS LA***

Site No: 007752
Area: 3M

Detail Info

Permit No:	000009231
File No:	I08191
File Name:	MCGRAW HILL INC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status: Equipment Removed
Permit Type: Operating Industrial Waste Permit - Local Sewer
Permit Status: Equipment Removed
Permit Category: Industrial Waste Permit

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
53	2 of2	SW	0.23 / 1,191.68	330.36 / -51	2 CORAL CIR MONTEREY PARK CA 91754	HMS LA

Site No: 009102
Area: 3M

Detail Info

Permit No:
File No: 008191
File Name: MCGRAW HILL INC
Status: File Opened, no permit exists
Permit Type:
Permit Status:
Permit Category:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
54	1 of1	NNE	0.23 / 1,195.91	451.45 / 70	DEBRA SIMONE / LONI SHIBUYAMA 1778 S. ORANGE AVENUE MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC003188785
Gen Status Universe: No Report
Contact Name: DEBRA SIMONE / LONI SHIBUYAMA
Contact Address: 1778 S. ORANGE AVENUE , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext: 310-486-3319
Contact Email: WANG@FRESHAIRENVIRONMENTAL.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20220805
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20220805
Handler Name:	DEBRA SIMONE / LONI SHIBUYAMA
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1778 S. ORANGE AVENUE
Name:	DEBRA SIMONE / LONI SHIBUYAMA	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	310-489-3319	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1778 S. ORANGE AVENUE
Name:	DEBRA SIMONE / LONI SHIBUYAMA	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	310-486-3319	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

55	*1 of1*	*E*	*0.23 / 1,198.37*	*400.39 / 19*	***POWER GRADE INC. - SCE MESA SUBSTATION PROJECT YARD 2110 MARKET PLACE DR MONTEREY PARK CA 91755***	***CUPA LA COUNTY***

Facility ID:	FA0050115
CERS ID:	10751722

Active Facility Details

PE:	1001
PE:	3000

56	*1 of1*	*NNW*	*0.23 / 1,231.71*	*455.13 / 73*	***YONEO INOUYE 1793 ADAMS WAY MONTEREY PARK CA 91755***	***RCRA NON GEN***

EPA Handler ID:	CAC003053071
Gen Status Universe:	No Report
Contact Name:	YONEO INOUYE
Contact Address:	1793 ADAMS WAY , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-379-1941
Contact Email:	CRISTAL.TEECOR@YAHOO.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20200128
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20200128
Handler Name:	YONEO INOUYE
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1793 ADAMS WAY
Name:	YONEO INOUYE	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-379-1941	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1793 ADAMS WAY
Name:	YONEO INOUYE	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-379-1941	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
57	1 of1	NE	0.24 / 1,252.02	491.15 / 109	JEAN KOBATA 743 ACKLEY ST MONTEREY PARK CA 91754	RCRA NON GEN

EPA Handler ID:	CAC003097684
Gen Status Universe:	No Report
Contact Name:	JEAN KOBATA
Contact Address:	743 ACKLEY ST , , MONTEREY PARK , CA, 91754 ,
Contact Phone No and Ext:	626-573-4803
Contact Email:	SCHEDULING@PWSEI.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20201217
Location Latitude:	
Location Longitude:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20201217
Handler Name:	JEAN KOBATA
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	743 ACKLEY ST
Name:	JEAN KOBATA	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-573-4803	***Country:***	
Source Type:	Implementer	***Zip Code:***	91754
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	743 ACKLEY ST
Name:	JEAN KOBATA	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-573-4803	***Country:***	
Source Type:	Implementer	***Zip Code:***	91754

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
58	1 of17	E	0.24 / 1,253.64	406.75 / 25	OPERATING INDUSTRIES,INC 1000 POTRERO GRANDE DRIVE MONTEREY PARK CA	ODI

Noncomplian Categ Code:	06 07 08 11
Noncomplian Categ Code D:	DISEASE/AIR/GASES/ACCESS
Facility Location:	1000 POTRERO GRANDE DRIVE
County Name If Applicable:	LOS ANGELES
Coordinates:	34 02 00 118 05 00
Latitude:	34.03333333
Longitude:	-118.08333333

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
58	2 of17	E	0.24 / 1,253.64	406.75 / 25	SOUTHERN CAL. EDISON/MONTEBELO 1000 POTRERO GRANDE DR MONTEREY PARK CA 91754	SML LA

Site ID: SD0010429
Case ID: RO0010429
Status:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
58	3 of17	E	0.24 / 1,253.64	406.75 / 25	SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER 1000 POTRERO GRANDE DRIVE EAST MONTEREY PARK CA 91755	LUST

Global ID: T10000004493
Site Facility Type:
Status: Completed - Case Closed
Status Date (DL): 1/22/2019
Cleanup Status:
Case Type (DL): LUST Cleanup Site
RWQCB Region (DL): LOS ANGELES RWQCB (REGION 4)
Site Facility Name:
Business Name (DL): SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER
Address: 1000 POTRERO GRANDE DRIVE EAST
City: MONTEREY PARK
State: CA
Zip: 91755
County: LOS ANGELES

Census Tract: 6037482800
Census Tract (SRCH): 6037482800
Oil Field (SRCH):
Oil Field Oper (SRCH):
Latitude:
Longitude:

GeoTracker Sites Data Download - Site Details

CUF Case: NO
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: AJL
Local Agency: LOS ANGELES COUNTY
RB Case No: I-07315A
Local Case No: 006998-007315
File Location:
Potential COC: Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Potential Media of Concern: Soil
Begin Date: 1/4/2002
How Discovered: Tank Closure
How Discovered Description: SOIL SAMPLING DUE TO TANK REMOVAL
Stop Method: Close and Remove Tank
Stop Description:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name: San Gabriel Valley (4-013)
Disadvantaged Community:
CalEnvScreen Score:
Coordinate Source: Google Map Move
Discharge Cause: Unknown
Discharge Source: Tank
EPA Region: 9
Leak Reported Dt: 2012-01-12 00:00:00
Military DoD Site: No
No Further Action Dt: 2019-01-22 00:00:00
Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 71-75%
Calenviroscreen 4 Score: 60-65%
Site History:

GeoTracker Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker - Primary Caseworker
Contact Name: AHMAD J. LAMAA
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 West 4th Street Suite 200
City: Los Angeles
Email: alamaa@waterboards.ca.gov
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: PHILLIP GHARIBIANS-TABRIZI
Organization Name: LOS ANGELES COUNTY
Address: 900 S. FREMONT AVE.
City: ALHAMBRA
Email: pgharibians@dpw.lacounty.gov
Phone No:

GeoTracker Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 1/22/2019

Status: Open - Eligible for Closure
Status Date: 6/10/2016

Status: Open - Site Assessment
Status Date: 12/18/2012

Status: Open - Case Begin Date
Status Date: 1/4/2002

GeoTracker Search - Regulatory Profile (as of October 16, 2023)

Site Facility Name: SOUTHERN CALIFORNIA EDISON - MONTEBELLO SERVICE CENTER
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 1000 POTRERO GRANDE DRIVE EAST
City: MONTEREY PARK
Zip: 91755
County: LOS ANGELES
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000004493
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 1/22/2019
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000004493&tabname=regulatoryhistory
Potential COC: GASOLINE, WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING
Potential Media of Concern: SOIL
File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
DWR GW Sub Basin: San Gabriel Valley (4-013)
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: I-07315A
CASE MANAGER: AHMAD J. LAMAA
LOS ANGELES COUNTY - CASE #: 006998-007315
CASE MANAGER: PHILLIP GHARIBIANS-TABRIZI
CUF Claim No:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File No:
WDR Order No:
Project Oversight Agencies:

Facility Type:
Composting Method:
Grndwtr Monitoring Frequency:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

GeoTracker Search - Cleanup Status History (as of October 16, 2023)

Status: Completed - Case Closed
Date : 1/22/2019

Status: Open - Eligible for Closure
Date : 6/10/2016

Status: Open - Site Assessment
Date : 12/18/2012

Status: Open - Case Begin Date
Date : 1/4/2002

GeoTracker Search - Regulatory Activities (as of October 16, 2023)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 1/22/2019
Received Issue Date: 1/22/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004493&enforcement_id=6382854&temptable=ENFORCEMENT
Title Description Comments:

State Water Board - Uniform Closure Letter

Action Type: Other Regulatory Actions
Action: State Water Board - Closure Order - #WQ 2018-0035-UST
Action Date: 10/31/2018
Received Issue Date: 10/31/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004493&enforcement_id=6376445&temptable=ENFORCEMENT
Title Description Comments:

State Water Board-Closure Order

Action Type: Notices
Action: Notification - Public Notice of Case Closure
Action Date: 7/9/2018
Received Issue Date: 7/9/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004493&enforcement_id=6363442&temptable=ENFORCEMENT
Title Description Comments:

Notification

Action Type: Response Requested - Other
Action: Request for Closure - Regulator Responded
Action Date: 12/12/2016
Received Issue Date: 12/12/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004493&doc_id=5907215
Title Description Comments:

Request for UST Closure - LTCP - Based on the information submitted, the site meets closure criteria.

Action Type: Response Requested - Other
Action: Conceptual Site Model
Action Date: 7/11/2014
Received Issue Date: 7/11/2014
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/1/2013
Received Issue Date: 6/17/2013
Doc Link:
Title Description Comments:

Response to Addl. Inf. Request

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 2/1/2013
Received Issue Date: 2/1/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004493&enforcement_id=6148718&temptable=ENFORCEMENT
Title Description Comments:

Request for Additional Information

Action Type: Referral to Other Agency
Action: Referral to Regional Board
Action Date: 12/13/2012
Received Issue Date: 12/13/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004493&enforcement_id=6145236&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 1/12/2012
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 1/4/2002
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Began
Action Date: 1/4/2002
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 1/4/2002
Received Issue Date:
Doc Link:
Title Description Comments:

GeoTracker Search - Documents (as of October 16, 2023)

Document Type: Site Documents ***Document Date:*** 1/22/2019
Type: CLOSURE/NO FURTHER ACTION LETTER ***Submitted:***
Submitted By: ALEJANDRA TAYLOR (REGULATOR)
Title: STATE WATER BOARD - UNIFORM CLOSURE LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004493&enforcement_id=6382854

Document Type: Site Documents ***Document Date:*** 10/31/2018
Type: STATE WATER BOARD - CLOSURE ORDER ***Submitted:***
Submitted By: ALEJANDRA TAYLOR (REGULATOR)
Title: STATE WATER BOARD-CLOSURE ORDER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004493&enforcement_id=6376445

Document Type: Site Documents ***Document Date:*** 7/9/2018
Type: NOTIFICATION - PUBLIC NOTICE OF CASE CLOSURE ***Submitted:***
Submitted By: ALEJANDRA TAYLOR (REGULATOR)
Title: NOTIFICATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004493&enforcement_id=6363442

Document Type: Site Documents ***Document Date:*** 12/9/2016
Type: REQUEST FOR CLOSURE ***Submitted:***
Submitted By: ANGELA SAMAYOA (RP)
Title: REQUEST FOR UST CLOSURE - LTCP
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1877615571/T10000004493.PDF

Document Type: Site Documents ***Document Date:*** 7/11/2014
Type: CONCEPTUAL SITE MODEL ***Submitted:***
Submitted By: MARK LANDIN (RP)
Title: SCM - SCE MONTEBELLO SERVICE CENTER
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6545839428/T10000004493.PDF

Document Type: Site Documents ***Document Date:*** 6/17/2013
Type: CORRESPONDENCE ***Submitted:***
Submitted By: MARK LANDIN (RP)
Title: 130613 RESPONSE TO ADD INFO REQUEST (SCE MONTEBELLO SC)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1221027433/T10000004493.PDF

Document Type: Site Documents ***Document Date:*** 2/1/2013
Type: STAFF LETTER ***Submitted:***
Submitted By: AHMAD LAMAA (REGULATOR)
Title: REQUEST FOR ADDITIONAL INFORMATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004493&enforcement_id=6148718

Document Type: Site Documents ***Document Date:*** 12/13/2012
Type: REFERRAL TO REGIONAL BOARD ***Submitted:***
Submitted By: PHILLIP GHARIBIANS-TABRIZI (REGULATOR)
Title: REFERRAL TO REGIONAL BOARD
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004493&enforcement_id=6145236

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58 | ***4 of17*** | ***E*** | ***0.24 / 1,253.64*** | ***406.75 / 25*** | ***MONTEBELLO SERVICE CENTER***
1000 POTRERO GRANDE DR
MONTEREY PARK CA 91755 | ***LUST***

Global ID: T0603703289
Site Facility Type:
Status: Completed - Case Closed
Status Date (DL): 9/25/1996
Cleanup Status:
Case Type (DL): LUST Cleanup Site
RWQCB Region (DL): LOS ANGELES RWQCB (REGION 4)
Site Facility Name:
Business Name (DL): MONTEBELLO SERVICE CENTER
Address: 1000 POTRERO GRANDE DR
City: MONTEREY PARK
Census Tract: 6037482800
Census Tract (SRCH): 6037482800
Oil Field (SRCH):
Oil Field Oper (SRCH):
Latitude:
Longitude:

State:	CA
Zip:	91755
County:	LOS ANGELES

GeoTracker Sites Data Download - Site Details

CUF Case:	NO
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	YR
Local Agency:	LOS ANGELES COUNTY
RB Case No:	I-07315
Local Case No:	
File Location:	
Potential COC:	Diesel
Potential Media of Concern:	Soil
Begin Date:	11/14/1988
How Discovered:	
How Discovered Description:	
Stop Method:	
Stop Description:	
Calwater Watershed Name:	Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name:	
Disadvantaged Community:	
CalEnvScreen Score:	
Coordinate Source:	* Historical Geocode - Approximate Match
Discharge Cause:	
Discharge Source:	
EPA Region:	9
Leak Reported Dt:	1989-12-27 00:00:00
Military DoD Site:	No
No Further Action Dt:	1996-09-25 00:00:00
Qty Rlsd Gallons:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	71-75%
Calenviroscreen 4 Score:	60-65%
Site History:	

GeoTracker Sites Data Download - Regulatory Contacts

Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone No:	6264583507

Contact Type:	Regional Board Caseworker - Primary Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone No:	

GeoTracker Sites Data Download - Status History

Status:	Completed - Case Closed
Status Date:	9/25/1996

Status:	Open - Site Assessment
Status Date:	11/14/1988

Status:	Open - Case Begin Date
Status Date:	11/14/1988

GeoTracker Search - Regulatory Profile (as of October 16, 2023)

Site Facility Name:	MONTEBELLO SERVICE CENTER
Site Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Address:	1000 POTRERO GRANDE DR
City:	MONTEREY PARK
Zip:	91755
County:	LOS ANGELES
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603703289
Cleanup Status Detail:	COMPLETED - CASE CLOSED AS OF 9/25/1996
Project Status:	
Cleanup History Link:	https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603703289&tabname=regulatoryhistory
Potential COC:	DIESEL
Potential Media of Concern:	SOIL
File Location:	
User Defined Beneficial Use:	
Designated Beneficial Use:	MUN, AGR, IND, PROC
DWR GW Sub Basin:	
Calwater Watershed Name:	Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:	
Future Land Use:	
Cleanup Oversight Agencies:	LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: I-07315 CASE MANAGER: YUE RONG LOS ANGELES COUNTY CASE MANAGER: JOHN AWUJO
CUF Claim No:	
CUF Priority Assig:	
CUF Amount Paid:	
WDR Place Type:	
WDR File No:	
WDR Order No:	
Project Oversight Agencies:	
Facility Type:	
Composting Method:	
Grndwtr Monitoring Frequency:	
Designated Beneficial Use Desc:	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:	

No site history available

GeoTracker Search - Cleanup Status History (as of October 16, 2023)

Status:	Completed - Case Closed
Date :	9/25/1996
Status:	Open - Site Assessment
Date :	11/14/1988
Status:	Open - Case Begin Date
Date :	11/14/1988

GeoTracker Search - Regulatory Activities (as of October 16, 2023)

Action Type:	Other Regulatory Actions
Action:	Closure/No Further Action Letter
Action Date:	9/25/1996
Received Issue Date:	9/25/1996
Doc Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603703289&enforcement_id=6504901&temptable=ENFORCEMENT
Title Description Comments:	

Closure Letter and Closure Packet

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Type: Leak Action
Action: Leak Reported
Action Date: 12/27/1989
Received Issue Date:
Doc Link:
Title Description Comments:

GeoTracker Search - Documents (as of October 16, 2023)

Document Type: Site Documents
Document Date: 9/25/1996
Type: CLOSURE/NO FURTHER ACTION LETTER
Submitted:
Submitted By: MARIA BAMBICO (REGULATOR)
Title: CLOSURE LETTER AND CLOSURE PACKET
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603703289&enforcement_id=6504901

58	5 of17	E	0.24 / 1,253.64	406.75 / 25	1000 POTRERO GRANDE DR MONTEREY PARK CA 91755	AST

Total Capacity(Gal): 3702
Owner Name: SO CAL EDISON (MONTEBELLO)
CUPA: Los Angeles County
County: Los Angeles

58	6 of17	E	0.24 / 1,253.64	406.75 / 25	1000 POTRERO GRANDE DR MONTEREY PARK CA 917557410	HMS LA

Site No: 006998
Area: 3M

Detail Info

Permit No: 00003013T
File No: 007315
File Name: SCE - MONTEBELLO SERVICE CNTR
Status: Equipment Removed
Permit Type: Underground Storage Tank Operating Permit
Permit Status: Equipment Removed
Permit Category: Underground Storage Tank

Detail Info

Permit No: 000009748
File No: I07315
File Name: SOUTHERN CALIFORNIA EDISON CO
Status: Equipment Permitted
Permit Type: Operating Industrial Waste Permit - Local Sewer
Permit Status: Equipment Permitted
Permit Category: Industrial Waste Permit

58	7 of17	E	0.24 / 1,253.64	406.75 / 25	OPERATING INDUSTRIES LANDFILL 1000 POTRERO GRANDE DRIVE MONTEREY PARK, CA 91754 CA	SWAT

Site Leak:
Rank: 1
SWIS Number: 19-AM-0001
Report Status Code: W

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Report Status:	WAIVED PER WC 13273
Site Classification Code:	
Transcribe Source:	Solid Waste Assessment Test (SWAT) Program Report to the Legislature 1989-1990
Site Classification:	
Activity Status Code:	
Activity Description:	
Character of Site Code:	
Character of Site:	
Size of Site Code:	
Size of Site:	
Proposal Status:	
Site Leak Desc:	
Type of Leak:	
Enforce Action:	
Enforce Action Desc:	
Waste Management Unit:	
Waste Discharger Sys NO:	4B190332001
Initial Notif Date:	
Proposal Due Date:	
Report Due Date:	07/01/87
Anticipated Rprt Submit Dt:	
Report Received Date:	
Report Target Review Date:	
Report Resubmitted Due Date:	
Report Resubmitted Rcvd Dt:	
Report Approval Date:	
Anticip Proposal Submit Dt:	
Proposal Received Date:	
Proposal Target Review Date:	
Proposal Status Code:	
Proposal Resubmitted Due Dt:	
Proposal Resubmitted Received Due Date:	
Proposal Accepted Date:	
Exemption Questionnaire Approved Date:	
Waiver Approved Date:	
Type of Leak Code:	
DHS & CWMB Notif Date:	
Report Summ Sent Date:	
Monitor Program Revise Date:	
Revise WDR Target Date:	
Hazardous Waste Surface:	
Above Reg Level Surface:	
Below Reg Level Surface:	
Hazardous Waste Ground:	
Above Reg Level Ground:	
Below Reg Level Ground:	
Hazardous Waste Vadose:	
Above Reg Level Vadose:	
Below Reg Level Vadose:	
Surface:	
Ground:	
Vadose:	
Operator Name:	OPERATING INDUSTRIES INCORPORATED
Agency Name:	
County Number:	
County Name:	LOS ANGELES
Regional Board Contact:	
Region:	LOS ANGELES REGION 4
Remarks:	NPL Superfund site. SWAT report waived 12/06/86.

58	***8 of17***	***E***	***0.24 / 1,253.64***	***406.75 / 25***	***SCE - MONTEBELLO SERVICE CNTR*** ***1000 POTRERO GRANDE DR*** ***MONTEREY PARK CA 91755***	***DELISTED TNK***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Delisted Storage Tanks

Facility ID: 7315
Latitude: 34.03895
Longitude: -118.10963
Permitting Agency: LOS ANGELES COUNTY
County: Los Angeles
Original Source: UST
Record Date: 30-JAN-2017

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
58	9 of17	E	0.24 / 1,253.64	406.75 / 25	MONTETEY PARK DISTRICT OFF/SC 1000 POTRERO GRANGE DR ARROYO DR MONTEREY PARK CA 91754	HHSS

County: Los Angeles
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028726.pdf

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
58	10 of17	E	0.24 / 1,253.64	406.75 / 25	SCE Montebello Service Center 1000 POTRERO GRANDE DR MONTEREY PARK CA 91755	CERS TANK

Site ID: 155272
Latitude: 34.039600
Longitude: -118.108109

Regulated Programs

EI ID: 10159499
EI Description: Chemical Storage Facilities

EI ID: 10159499
EI Description: Aboveground Petroleum Storage

EI ID: 10159499
EI Description: Hazardous Waste Generator

Violations

Violation Date: 10/20/2014
Violation Program: APSA
Violation Source: CERS
Violation Division: Los Angeles County Fire Department
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Notes:

Returned to compliance on 06/08/2015. Integrity testing methodology not identified within the SPCC and documented as performed for the 250 gallon waste oil tank. However, hazardous waste tank assesment was performed for this tank in 2014 and passed certifiation.. Industrial standard used to certify 250 gallon waste oil tank not documented in the SPCC. (fill hoses outside secondary containment but may not be required, active measures maybe be sufficient- informational only)

Violation Description:

Failure to test or inspect aboveground tanks for integrity by a person qualified in accordance with industry standards.

Violations

Violation Date: 10/20/2014
Violation Program: HW
Violation Source: CERS
Violation Division: Los Angeles County Fire Department
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Notes:

Returned to compliance on 01/28/2015. OBSERVATION: The Owner/Operator failed to properly train personnel who handle hazardous waste. All employees shall be trained within six months of assignment and take part in an annual review of the initial training received. At a minimum, the training

program shall be designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems, including where applicable: 1) procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment; 2) key parameters for automatic waste feed cut-off systems; 3) communications or alarm systems; 4) response to fires or explosions; 5) response to ground-water contamination incidents; and 6) shutdown of operations. The owner or operator shall maintain the following documents and records at the facility: 1) the job title for each position at the facility related to hazardous waste management, and [Truncated]

Violation Description:

Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.

Evaluations

Eval Date: 10/20/2014
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Mitchell Oda (Safety & Environemental Specialist); Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 05/01/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Brett Koontz, Environmental Advisor Observed no significant violation on site at time of inspection.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 05/01/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Brett Koontz, Environmental Advisor Observed no significant violation on site at time of inspection.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/08/2015
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 05/01/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Brett Koontz, Environmental Advisor Observed no significant violation on site at time of inspection.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/09/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Joseph Soquiat, Facility Environmental Advisor; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/28/2015
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 10/20/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Mitchell Oda (Safety & Environmental Specialist) Observed no significant violations on site at time of inspection.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/09/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Joseph Soquiat, Facility Environmental Advisor; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/09/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Joseph Soquiat, Facility Environmental Advisor; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/20/2014
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Mitchell Oda (Safety & Environmental Specialist); Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title:
Address: 5825 Rickenbacker Road
City: Commerce
State: CA
Country:
Zip Code: 90040-3027
Phone: (323) 890-4000

Affil Type Desc: Identification Signer
Entity Name: Jeremy Gates
Entity Title: Senior Advisor
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Legal Owner
Entity Name: Southern California Edison
Entity Title:
Address: P.O. Box 5085 (Attn: ESD, Programs & Governance)
City: Rosemead
State: CA
Country: United States
Zip Code: 91770
Phone: (626) 302-1212

Affil Type Desc: Property Owner
Entity Name: Southern California Edison
Entity Title:
Address: P.O. Box 5085 (Attn: ESD, Programs & Governance)
City: Rosemead
State: CA
Country: United States
Zip Code: 91770
Phone: (626) 302-1212

Affil Type Desc: Environmental Contact
Entity Name: Environmental Notification Center
Entity Title:
Address: P.O. Box 5085 (Attn: ESD, Programs & Governance)
City: Rosemead
State: CA
Country:
Zip Code: 91770
Phone:

Affil Type Desc: Facility Mailing Address

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Entity Name: Mailing Address
Entity Title:
Address: P.O. Box 5085 (Attn: ESD, Programs & Governance)
City: Rosemead
State: CA
Country:
Zip Code: 91770
Phone:

Affil Type Desc: Operator
Entity Name: Southern California Edison
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (626) 302-1212

Affil Type Desc: Document Preparer
Entity Name: Jeremy Gates
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Parent Corporation
Entity Name: Southern California Edison, Transmission and Distribution Organization (TD)
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Coordinates

Env Int Type Code: HWG
Program ID: 10159499
Latitude: 34.039600
Longitude: -118.108110
Coord Name:
Ref Point Type Desc: Center of a facility or station.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
58	11 of17	E	0.24 / 1,253.64	406.75 / 25	MONTEREY PARK DISTRICT OFF/SC 1000 POTRERO GRANDE DR MONTEREY PARK CA	HIST TANK

Owner Name: SOUTHERN CALIFORNIA EDISON CO.
Owner Street: 2244 WALNUT GROVE AVENUE
Owner City: ROSEMEAD
Owner State: CA
Owner Zip: 91770
No of Containers: 3
County: LOS ANGELES
Facility State: CA
Facility Zip: 91754

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
58	12 of17	E	0.24 / 1,253.64	406.75 / 25	Southern California Edison - Montebello Service Center 1000 Potrero Grande Drive East, Monterey Park, CA 91755 CA	DELISTED LST

Delisted Proposed Closure of Underground Storage Tank Cases

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Claim Case No: Case No. I-07315A
ID: I-07315A
Deadline To Recv Comments: 2018/09/14
Prop UST Case Closure Type: UST Case Closure Proposed For Consideration by the Executive Director
Original Source: USTC
Record Date: 19-JUL-2018

58	13 of17	E	0.24 / 1,253.64	406.75 / 25	SCE MONTEBELLO SERVICE CENTER 1000 POTRERO GRANDE DR MONTEREY PARK CA 91755	CUPA LA COUNTY

Facility ID: FA0021167
CERS ID: 10159499

Active Facility Details

PE: 3702

PE: 3003

PE: 1004

Inactive Facility Details

PE: 7124

58	14 of17	E	0.24 / 1,253.64	406.75 / 25	Southern California Edison - Montebello Service Center 1000 Potrero Grande Drive East, Monterey Park, CA 91755 CA	UST CLOSURE

Claim Case No: Case No. I-07315A
ID: I-07315A
Deadline to Recv Comments: 2018/09/14
Prop UST Case Closure Type: Closure of Underground Storage Tank (UST) Cases - Closure Denials and Approved Orders

Documents

Doc Type: Draft Order
Documents Link: https://www.waterboards.ca.gov/water_issues/programs/ustcf/docs/prop_closure_cases/T10000004493_do.pdf

Doc Type: Summary
Documents Link: https://www.waterboards.ca.gov/water_issues/programs/ustcf/docs/prop_closure_cases/T10000004493_summary.pdf

Doc Type: Notice
Documents Link: https://www.waterboards.ca.gov/water_issues/programs/ustcf/docs/prop_closure_cases/T10000004493_notice.pdf

Closur Denial Approved Orders

Doc Title: WQ 2018-0035-UST (10/31/2018)
Denial Link: https://www.waterboards.ca.gov/water_issues/programs/ustcf/docs/prop_closure_cases/t10000004493_finalorder.pdf

Closure Letter Signed

Letter Title: Uniform Closure Letter (01/22/2019)
Letter Link: https://www.waterboards.ca.gov/water_issues/programs/ustcf/docs/prop_closure_cases/T10000004493_ucl.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
58	15 of17	E	0.24 / 1,253.64	406.75 / 25	AT&T California - E31A5 1000 Potrero Grande DR MONTEREY PARK CA 91755	CUPA LA COUNTY

Facility ID: FA0051651
CERS ID: 10817986

Active Facility Details

PE: 3000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
58	16 of17	E	0.24 / 1,253.64	406.75 / 25	SO CAL EDISON MONTEBELLO CSO/AUTO 1000 POTRERO GRANDE DR. MONTEREY PARK CA 91755	RCRA SQG

EPA Handler ID: CAD980881775
Gen Status Universe: Small Quantity Generator
Contact Name: STAN L MARSH
Contact Address: US
Contact Phone No and Ext: 626-302-9711
Contact Email: STANLEY.MARSH@SCE.COM
Contact Country: US
County Name: LOS ANGELES
EPA Region: 09
Land Type: Private
Receive Date: 20060301
Location Latitude: 34.040035
Location Longitude: -118.107253

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19960227
Handler Name: SOUTHERN CALIFORNIA EDISON
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19990304
Handler Name: MONTEBELLO CSO
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060301
Handler Name: SO CAL EDISON MONTEBELLO CSO/AUTO
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20060301
Handler Name: SO CAL EDISON MONTEBELLO CSO/AUTO
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT

SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: SOUTHERN CALIFORNIA EDISON CO
Date Became Current: 19200101
Date Ended Current:
Phone:
Source Type: Implementer
Street No:
Street 1:
Street 2:
City:
State:
Country: US
Zip Code:

Owner/Operator Ind: Current Owner
Type: Private
Name: SOUTHER CALIFORNIA EDISON CO
Date Became Current: 19200101
Date Ended Current:
Phone:
Source Type: Implementer
Street No:
Street 1: 2244 WALNUT GROVE AVE.
Street 2:
City: ROSEMEAD
State: CA
Country: US
Zip Code: 91770

Owner/Operator Ind: Current Owner
Type: Private
Name: SOUTHER CALIFORNIA EDISON CO
Date Became Current: 19200101
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report
Street No:
Street 1: 2244 WALNUT GROVE AVE.
Street 2:
City: ROSEMEAD
State: CA
Country: US
Zip Code: 91770

Owner/Operator Ind: Current Operator
Type: Private
Name: SOUTHERN CALIFORNIA EDISON CO
Date Became Current: 19200101
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report
Street No:
Street 1:
Street 2:
City:
State:
Country: US
Zip Code:

Historical Handler Details

Receive Dt: 20060301
Generator Code Description: Large Quantity Generator
Handler Name: SO CAL EDISON MONTEBELLO CSO/AUTO

Receive Dt: 19990304
Generator Code Description: Large Quantity Generator
Handler Name: MONTEBELLO CSO

Receive Dt: 19960227
Generator Code Description: Large Quantity Generator
Handler Name: SOUTHERN CALIFORNIA EDISON

58	17 of17	E	0.24 / 1,253.64	406.75 / 25	SOUTHERN CALIFORNIA EDISON 1000 POTRERO GRANDE DR MONTEREY PARK CA	UST SWEEPS

C C: A19-000-7315
BOE: 44-007438
Comp: 7315
Status: ACTIVE
No of Tanks: 3
Jurisdict: LOS ANGELES COUNTY
D Filename: SITE04A
Page No: 471
County: LOS ANGELES
State : CA
Zip:
Latitude: 34.037193

Agency:	WASTE MANAGEMENT DEPARTMENT	**Longitude:**	-118.113557
Phone:		**Georesult:**	S5HPNTSC-A

Tank Details

Tank ID:	000001	**S Contain:**	
O Tank ID:		**Stg:**	W
SWRCB No:	19-000-007315-000001	**Storage :**	
Removed:		**Storag Type:**	WASTE
Installed:		**P Contain:**	
A Date:	06-30-89	**Content:**	
Capac:		**ONA:**	
Tank Use:	UNKNOWN	**D File Name:**	TANK4A

Tank Details

Tank ID:	000002	**S Contain:**	
O Tank ID:		**Stg:**	W
SWRCB No:	19-000-007315-000002	**Storage :**	
Removed:		**Storag Type:**	WASTE
Installed:		**P Contain:**	
A Date:	06-30-89	**Content:**	
Capac:		**ONA:**	
Tank Use:	UNKNOWN	**D File Name:**	TANK4A

Tank Details

Tank ID:	000003	**S Contain:**	
O Tank ID:		**Stg:**	W
SWRCB No:	19-000-007315-000003	**Storage :**	
Removed:		**Storag Type:**	WASTE
Installed:		**P Contain:**	
A Date:	06-30-89	**Content:**	
Capac:		**ONA:**	
Tank Use:	UNKNOWN	**D File Name:**	TANK4A

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59 | ***1 of1*** | ***NNW*** | ***0.24 / 1,271.75*** | ***462.03 / 80*** | ***WENDY LUI
500 VAN BUREN DR
MONTEREY PARK CA 91755*** | ***RCRA NON GEN***

EPA Handler ID:	CAC002980756
Gen Status Universe:	No Report
Contact Name:	WENDY LUI
Contact Address:	500 VAN BUREN DR , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	310-413-5001
Contact Email:	CHRIS@JCENVIRONMENTALINC.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20180918
Location Latitude:	34.044767
Location Longitude:	-118.116186

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20180918
Handler Name: WENDY LUI
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: WENDY LUI
Date Became Current:
Date Ended Current:
Phone: 310-413-5001
Source Type: Implementer
Street No:
Street 1: 500 VAN BUREN DR
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

Owner/Operator Ind: Current Owner
Type: Other
Name: WENDY LUI
Date Became Current:
Date Ended Current:
Phone: 310-413-5001
Source Type: Implementer
Street No:
Street 1: 500 VAN BUREN DR
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91755

60	1 of4	E	0.24 / 1,280.84	374.61 / -7	SAN GABRIEL NURSERY 2015 POTRERO GRANDE DR MONTEREY PARK CA 91755	DELISTED TNK

Delisted Storage Tanks

Facility ID: 14037
Latitude: 34.0429351
Longitude: -118.1036096
Permitting Agency: LOS ANGELES COUNTY
County: Los Angeles
Original Source: UST
Record Date: 30-JAN-2017

60	2 of4	E	0.24 / 1,280.84	374.61 / -7	2015 POTRERO GRANDE DR MONTEREY PARK CA 917557414	HMS LA

Site No: 013637
Area: 3M

Detail Info

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Permit No: 00005512T
File No: 014037
File Name: SAN GABRIEL NURSERY
Status: Equipment Removed
Permit Type: Underground Storage Tank Operating Permit
Permit Status: Equipment Removed
Permit Category: Underground Storage Tank

60	3 of4	E	0.24 / 1,280.84	374.61 / -7	SAN GABRIEL NURSERY & FLORIST 2015 POTRERO GRANDE DR MONTEREY PARK CA 91755	SML LA

Site ID: SD0000592
Case ID: RO0001590
Status:

60	4 of4	E	0.24 / 1,280.84	374.61 / -7	SAN GABRIEL NURSERY/FLORIST 2015 POTRERO GRANDE DR MONTEREY PARK CA 91755	CUPA LA COUNTY

Facility ID: FA0021166
CERS ID: 10283176

Inactive Facility Details

PE: 1003

PE: 3500

PE: 7110

PE: 7124

61	1 of1	WNW	0.24 / 1,290.32	406.85 / 25	KAM LAW 316 CORAL VIEW STREET MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID: CAC003147018
Gen Status Universe: No Report
Contact Name: MILES OLSON
Contact Address: 316 CORAL VIEW STREET , , MONTERREY PARK , CA, 91755 ,
Contact Phone No and Ext: 802-734-6954
Contact Email: INFO@ACMPLUS.COM
Contact Country:
County Name: LOS ANGELES
EPA Region: 09
Land Type:
Receive Date: 20211104
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20211104
Handler Name:	KAM LAW
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	316 CORAL VIEW STREET
Name:	MILES OLSON	**Street 2:**	
Date Became Current:		**City:**	MONTERREY PARK
Date Ended Current:		**State:**	CA
Phone:	802-734-6954	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	316 CORAL VIEW STREET
Name:	KAM LAW	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	802-734-6954	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
62	1 of1	NNE	0.25 / 1,304.47	479.84 / 98	VIVIEN YOUNG 650 TAFT COURT MONTEREY PARK CA 91755	RCRA NON GEN

EPA Handler ID:	CAC003141841
Gen Status Universe:	No Report
Contact Name:	VIVIEN YOUNG
Contact Address:	650 TAFT COURT , , MONTEREY PARK , CA, 91755 ,
Contact Phone No and Ext:	626-400-3849
Contact Email:	SCHEDULING@PWSEI.COM
Contact Country:	
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	
Receive Date:	20211004
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20211004
Handler Name:	VIVIEN YOUNG
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	650 TAFT COURT
Name:	VIVIEN YOUNG	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-400-3849	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	650 TAFT COURT
Name:	VIVIEN YOUNG	***Street 2:***	
Date Became Current:		***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	626-400-3849	***Country:***	
Source Type:	Implementer	***Zip Code:***	91755

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
63	*1 of2*	*SSW*	*0.27 / 1,408.57*	*319.29 / -63*	***Verizon Wireless: Greenwood*** ***500 POTRERO GRANDE DR # VZ*** ***MONTEREY PARK CA 91755***	***DELISTED HAZ***

Siteid:	82391
Latitude:	34.035430
Longitude:	-118.117020
Original Source:	CHAZ
Record Date:	22-MAR-2018

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
63	*2 of2*	*SSW*	*0.27 / 1,408.57*	*319.29 / -63*	***Power Grade Inc. - SCE Mesa Substation Project*** ***500 POTRERO GRANDE DR*** ***MONTEREY PARK CA 91755***	***DELISTED HAZ***

Siteid:	427426
Latitude:	34.035558
Longitude:	-118.116750
Original Source:	CHAZ

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Record Date:		04-JAN-2018				

64	1 of1	SSW	0.30 / 1,593.98	307.42 / -74	SHELL SERVICE STATION 430 POTRERO GRANDE MONTEREY PARK CA 91755	LUST

Global ID: T0603789423
Site Facility Type:
Status: Completed - Case Closed
Status Date (DL): 8/9/2005
Cleanup Status:
Case Type (DL): LUST Cleanup Site
RWQCB Region (DL): LOS ANGELES RWQCB (REGION 4)
Site Facility Name:
Business Name (DL): SHELL SERVICE STATION
Address: 430 POTRERO GRANDE
City: MONTEREY PARK
State: CA
Zip: 91755
County: LOS ANGELES

Census Tract: 6037482800
Census Tract (SRCH): 6037482800
Oil Field (SRCH):
Oil Field Oper (SRCH):
Latitude:
Longitude:

GeoTracker Sites Data Download - Site Details

CUF Case: NO
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: GK
Local Agency: LOS ANGELES COUNTY
RB Case No: I-09487A
Local Case No: 08424-26406
File Location:
Potential COC: Other Solvent or Non-Petroleum Hydrocarbon
Potential Media of Concern: Soil
Begin Date: 8/26/2002
How Discovered: Other Means
How Discovered Description: DRILLING
Stop Method:
Stop Description:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name: Coastal Plain Of Los Angeles - Central (4-011.04)
Disadvantaged Community:
CalEnvScreen Score:
Coordinate Source: Google Geocode
Discharge Cause: Unknown
Discharge Source:
EPA Region: 9
Leak Reported Dt: 2002-11-11 00:00:00
Military DoD Site: No
No Further Action Dt: 2005-08-09 00:00:00
Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 86-90%
Calenviroscreen 4 Score: 60-65%
Site History:

GeoTracker Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: SAM STEVENS
Organization Name: LOS ANGELES COUNTY
Address: 900 S. FREMONT AVE.
City: ALHAMBRA
Email:
Phone No: 6264583507

Contact Type: Regional Board Caseworker - Primary Caseworker
Contact Name: GREGG KWEY
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 WEST 4TH ST. SUITE 200- 1ST FLOOR
City: R4 UNKNOWN, LOS ANGELES
Email: gkwey@waterboards.ca.gov
Phone No: 2135766702

GeoTracker Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 8/9/2005

Status: Open - Site Assessment
Status Date: 8/26/2002

Status: Open - Case Begin Date
Status Date: 8/26/2002

GeoTracker Search - Regulatory Profile (as of October 16, 2023)

Site Facility Name: SHELL SERVICE STATION
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 430 POTRERO GRANDE
City: MONTEREY PARK
Zip: 91755
County: LOS ANGELES
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603789423
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 8/9/2005
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603789423&tabname=regulatoryhistory
Potential COC: OTHER SOLVENT OR NON-PETROLEUM HYDROCARBON
Potential Media of Concern: SOIL
File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
DWR GW Sub Basin: Coastal Plain Of Los Angeles - Central (4-011.04)
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) (LEAD) - CASE #: I-09487A
CASE MANAGER: GREGG KWEY
LOS ANGELES COUNTY - CASE #: 08424-26406
CASE MANAGER: SAM STEVENS
CUF Claim No:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File No:
WDR Order No:
Project Oversight Agencies:
Facility Type:
Composting Method:
Grndwtr Monitoring Frequency:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

GeoTracker Search - Cleanup Status History (as of October 16, 2023)

Status: Completed - Case Closed
Date : 8/9/2005

Status: Open - Case Begin Date
Date : 8/26/2002

Status: Open - Site Assessment
Date : 8/26/2002

GeoTracker Search - Regulatory Activities (as of October 16, 2023)

Action Type: Other Regulatory Actions
Action: Site Visit / Inspection / Sampling
Action Date: 8/9/2005
Received Issue Date: 8/9/2005
Doc Link:
Title Description Comments:

PRE-CLOSURE INSPECTION FOR LOW RISK REVIEW

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 8/9/2005
Received Issue Date: 8/9/2005
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789423&enforcement_id=5920220&temptable=ENFORCEMENT
Title Description Comments:

Closure Letter and Closure Packet

Action Type: Response Requested - Other
Action: Electronic Reporting Submittal Due
Action Date: 7/28/2005
Received Issue Date: 7/12/2005
Doc Link:
Title Description Comments:

Electronic Reporting Submittal Due

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 7/14/2005
Received Issue Date: 7/14/2005
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/15/2005
Received Issue Date: 4/18/2005
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/25/2005
Received Issue Date: 1/25/2005
Doc Link:
Title Description Comments:

Monitoring Report - Quarterly

Action Type: Other Regulatory Actions

Action: Staff Letter
Action Date: 1/6/2005
Received Issue Date: 1/6/2005
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 11/11/2002
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 11/11/2002
Received Issue Date:
Doc Link:
Title Description Comments:

GeoTracker Search - Site Maps (as of October 16, 2023)

Submitted: 7/11/2005
Submitted By: WGR SOUTHWEST (CONTRACTOR)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/4903684318/T0603789423.pdf

GeoTracker Search - Documents (as of October 16, 2023)

Document Type: Site Documents
Document Date: 8/9/2005
Type: CLOSURE/NO FURTHER ACTION LETTER
Submitted:
Submitted By: MARIA BAMBICO (REGULATOR)
Title: CLOSURE LETTER AND CLOSURE PACKET
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0603789423&enforcement_id=5920220

Document Type: Monitoring Reports
Document Date: 8/1/2005
Type: MONITORING REPORT - QUARTERLY
Submitted:
Submitted By: WGR SOUTHWEST (CONTRACTOR)
Title: 2ND QTR 2005 GWMR - 430 POTRERO GRANDE, MONTEREY PARK
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5280456364/T0603789423.PDF

Document Type: Monitoring Reports
Document Date: 7/11/2005
Type: MONITORING REPORT - QUARTERLY
Submitted:
Submitted By: WGR SOUTHWEST (CONTRACTOR)
Title: 430 POTRERO GRANDE 1Q05
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2990278482/T0603789423.PDF

65	1 of1	SW	0.32 / 1,675.26	298.99 / -83	SHELL 430 POTRERO GRANDE DR MONTEREY PARK CA 91755	LUST

Global ID: T0603703429
Site Facility Type:
Status: Completed - Case Closed
Status Date (DL): 12/1/1989
Cleanup Status:
Case Type (DL): LUST Cleanup Site
RWQCB Region (DL): LOS ANGELES RWQCB (REGION 4)
Site Facility Name:
Business Name (DL): SHELL
Address: 430 POTRERO GRANDE DR
City: MONTEREY PARK
State: CA
Census Tract: 6037482800
Census Tract (SRCH): 6037482800
Oil Field (SRCH):
Oil Field Oper (SRCH):
Latitude:
Longitude:

Zip:	91755
County:	LOS ANGELES

GeoTracker Sites Data Download - Site Details

CUF Case:	NO
Lead Agency:	LOS ANGELES COUNTY
Case Worker:	JOA
Local Agency:	LOS ANGELES COUNTY
RB Case No:	I-09487
Local Case No:	
File Location:	
Potential COC:	Gasoline
Potential Media of Concern:	Soil
Begin Date:	11/15/1985
How Discovered:	Tank Closure
How Discovered Description:	
Stop Method:	
Stop Description:	
Calwater Watershed Name:	Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name:	
Disadvantaged Community:	
CalEnvScreen Score:	
Coordinate Source:	Google Geocode
Discharge Cause:	Unknown
Discharge Source:	Other
EPA Region:	9
Leak Reported Dt:	1985-11-15 00:00:00
Military DoD Site:	No
No Further Action Dt:	1989-12-01 00:00:00
Qty Rlsd Gallons:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	86-90%
Calenviroscreen 4 Score:	60-65%
Site History:	

GeoTracker Sites Data Download - Regulatory Contacts

Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone No:	6264583507

Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone No:	

GeoTracker Sites Data Download - Status History

Status:	Completed - Case Closed
Status Date:	12/1/1989

Status:	Open - Case Begin Date
Status Date:	11/15/1985

GeoTracker Search - Regulatory Profile (as of October 16, 2023)

Site Facility Name: SHELL
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 430 POTRERO GRANDE DR
City: MONTEREY PARK
Zip: 91755
County: LOS ANGELES
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0603703429
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 12/1/1989
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0603703429&tabname=regulatoryhistory
Potential COC: GASOLINE
Potential Media of Concern: SOIL
File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
DWR GW Sub Basin:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES COUNTY (LEAD)
CASE MANAGER: JOHN AWUJO
LOS ANGELES RWQCB (REGION 4) - CASE #: I-09487
CASE MANAGER: YUE RONG
CUF Claim No:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File No:
WDR Order No:
Project Oversight Agencies:
Facility Type:
Composting Method:
Grndwtr Monitoring Frequency:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

GeoTracker Search - Cleanup Status History (as of October 16, 2023)

Status: Completed - Case Closed
Date : 12/1/1989

Status: Open - Case Begin Date
Date : 11/15/1985

GeoTracker Search - Regulatory Activities (as of October 16, 2023)

Action Type: Leak Action
Action: Leak Reported
Action Date: 11/15/1985
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 11/15/1985
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 11/15/1985
Received Issue Date:
Doc Link:
Title Description Comments:

GeoTracker Search - Related Cases (as of October 16, 2023)

Identifier: UST100019324
Project Name: GOLDEN STATE FUEL
Status: SWT-NO PLAN RETURNED
Address: 430 Potrero Grande Dr
City: MONTEREY PARK
Association: Related Global ID
Description:
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=UST100019324

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66 | **1 of1** | **SSW** | **0.33 / 1,767.56** | **296.82 / -85** | **SHELL OIL COMPANY # 204-5112-0917**
430 E POTRERO GRANDE DR
MONTEREY PARK CA 91754 | **LUST**

Global ID: T10000000993
Site Facility Type:
Status: Completed - Case Closed
Status Date (DL): 10/6/2011
Cleanup Status:
Case Type (DL): LUST Cleanup Site
RWQCB Region (DL): LOS ANGELES RWQCB (REGION 4)
Site Facility Name:
Business Name (DL): SHELL OIL COMPANY # 204-5112-0917
Address: 430 E POTRERO GRANDE DR
City: MONTEREY PARK
State: CA
Zip: 91754
County: LOS ANGELES

Census Tract: 6037482522
Census Tract (SRCH): 6037482522
Oil Field (SRCH):
Oil Field Oper (SRCH):
Latitude:
Longitude:

GeoTracker Sites Data Download - Site Details

CUF Case: NO
Lead Agency: LOS ANGELES COUNTY
Case Worker: KBR
Local Agency: LOS ANGELES COUNTY
RB Case No:
Local Case No: 008424-009487
File Location:
Potential COC: Gasoline
Potential Media of Concern: Under Investigation
Begin Date: 7/23/1998
How Discovered: UST System Modification
How Discovered Description: DURING DISPENSER UPGRADE WORK
Stop Method: Replace product piping
Stop Description:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name:
Disadvantaged Community:
CalEnvScreen Score:
Coordinate Source: Manual Entry on Screens
Discharge Cause: Unknown
Discharge Source: Other
EPA Region: 9
Leak Reported Dt: 2009-04-08 00:00:00
Military DoD Site: No

No Further Action Dt: 2011-10-06 00:00:00
Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 71-75%
Calenviroscreen 4 Score: 70-75%
Site History:

GeoTracker Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: KATTYA BATRES RINZE
Organization Name: LOS ANGELES COUNTY
Address: 900 SOUTH FREMONT AVE
City: ALHAMBRA
Email: gbatres@dpw.lacounty.gov
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: IHEANACHO OFO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: iofo@dpw.lacounty.gov
Phone No: 6264583512

Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone No:

GeoTracker Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 10/6/2011

Status: Open - Site Assessment
Status Date: 7/15/2009

Status: Open - Inactive
Status Date: 4/8/2009

Status: Open - Case Begin Date
Status Date: 7/23/1998

GeoTracker Search - Regulatory Profile (as of October 16, 2023)

Site Facility Name: SHELL OIL COMPANY # 204-5112-0917
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 430 E POTRERO GRANDE DR
City: MONTEREY PARK
Zip: 91754
County: LOS ANGELES
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000000993
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 10/6/2011
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000000993&tabname=regulatoryhistory
Potential COC: GASOLINE
Potential Media of Concern: UNDER INVESTIGATION
File Location:
User Defined Beneficial Use:

Designated Beneficial Use: MUN, AGR, IND, PROC
DWR GW Sub Basin:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: LOS ANGELES COUNTY (LEAD) - CASE #: 008424-009487
CASE MANAGER: KATTYA BATRES RINZE
CASE MANAGER: IHEANACHO OFO
LOS ANGELES RWQCB (REGION 4)
CASE MANAGER: YUE RONG
CUF Claim No:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File No:
WDR Order No:
Project Oversight Agencies:
Facility Type:
Composting Method:
Grndwtr Monitoring Frequency:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

GeoTracker Search - Cleanup Status History (as of October 16, 2023)

Status: Completed - Case Closed
Date : 10/6/2011

Status: Open - Site Assessment
Date : 7/15/2009

Status: Open - Inactive
Date : 4/8/2009

Status: Open - Case Begin Date
Date : 7/23/1998

GeoTracker Search - Regulatory Activities (as of October 16, 2023)

Action Type: Leak Action
Action: Leak Reported
Action Date: 4/8/2009
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Enforcement/Orders
Action: Notice to Comply - #C606361
Action Date: 4/7/2009
Received Issue Date: 4/7/2009
Doc Link:
Title Description Comments:

ADDITIONAL CLOSURE INVESTIGATION

Action Type: Leak Action
Action: Leak Stopped
Action Date: 7/23/1998
Received Issue Date:
Doc Link:
Title Description Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
67	1 of1	ESE	0.37 / 1,944.71	347.63 / -34	OPERATING INDUSTRIES, INC., LANDFILL 900 N POTRERO GRANDE DR MONTEREY PARK CA 91754	NPL

EPA ID: CAT080012024
Site ID:
Street Addr Txt (SEMS): 900 N POTRERO GRANDE DR
City Name (SEMS): MONTEREY PARK
State Code (SEMS): CA
Zip Code (SEMS): 91754
County (SEMS): LOS ANGELES
County (Export): Los Angeles
Data Source: U.S. EPA Site Boundaries Shapefile Download; U.S. EPA SUPERFUND PROGRAM. Source: SEMS Superfund Public User Database. FOIA4 All Final NPL Sites. Retrieved on 26-OCT-2023.

NPL (SEMS FOIA 004)

Federal Facility: No
NPL Status Dt: 06/10/86
NAI: No
NA Entity (NAI Status):
SAA (Superfund Alt):
County: LOS ANGELES
Latitude: 34.033333
Longitude: -118.105556

NPL (Superfund Sites List)

SEMS ID: 902673
Status: NPL Site
Site Score: 57.22
SITS ID: 932
Constr Complete No: 1131
Constr Complete Dt: 09/11/2012
Partial Deletion: No
Proposed Fr Notice: 10/15/1984 (PDF)
Final Fr Notice: 06/10/1986 (PDF)
NOID Fr Notice:
Deletion Fr Notice:
Restoration Fr Notice:
Notice of Data Availability:
Site Listing Narrative: CAT080012024 (PDF)
Site Progress Profile: Operating Industries, Inc., Landfill
Proposed Date: 10/15/1984
Listing Date: 06/10/1986
NOID Date:
Deletion Date:
Latitude: 34.033333
Longitude: -118.105556

NPL (EPA Boundaries)

EPA Program: Superfund
NPL Status: F
Fed Facility: No
GIS Area: 1.01851941
GIS Area Unit: Miles
Last Changed:
Site Contact: Eric Canteenwala
Site Contact 1: canteenwala.eric@epa.gov
Feature In:
Feature 1:
Site Feature: 5
Site Feature 1: Site Boundary
Site Feature 2: Total Site Boundary
Site Feature 3: Site Boundary
Site Feature 4:
Site Feature 5:
Site Feature 6:
Projection:
SF Geospat: The Agency is providing this geospatial information as a public service and does not vouch for the accuracy,
Primary Telephone: (415) 972-3932
Public Release:
Original C:
Region Code: 9
Tier Accur:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

completeness, or currency of data. Data provided by external parties is not independently verified by EPA. This data is made available to the pub

Url Alias: https://epa-region-9-npl-sites-epa.hub.arcgis.com/pages/operating-industries-inc-landfill

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68 | ***1 of2*** | ***WNW*** | ***0.43 / 2,252.97*** | ***348.93 / -33*** | ***ROY KOBAYASHI***
1920 LUPINE AVENUE
MONTEREY PARK CA 91775-6510 | ***RCRA TSD***

EPA Handler ID: CAC003012148
Gen Status Universe: No Report
Contact Name: ROY KOBAYASHI
Contact Address: 1920 LUPINE AVENUE , , MONTEREY PARK , CA, 91775-6510 ,
Contact Phone No and Ext: 213-910-5770
Contact Email: TAMMYHURLEY@ALLIANCE-ENVIRO.COM
Contact Country:
Land Type:
County Name: LOS ANGELES
EPA Region: 09
Receive Date: 20190426
Location Latitude: 34.042365
Location Longitude: -118.123625

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20190426
Handler Name: ROY KOBAYASHI
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer
TSD Activity: Y

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: ROY KOBAYASHI
Date Became Current:
Date Ended Current:
Phone: 213-910-5770
Source Type: Implementer
Street No:
Street 1: 1920 LUPINE AVENUE
Street 2:
City: MONTEREY PARK
State: CA
Country:
Zip Code: 91775-6510

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1920 LUPINE AVENUE
Name:	ROY KOBAYASHI	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	213-910-5770	**Country:**	
Source Type:	Implementer	**Zip Code:**	91775-6510

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
68	2 of2	WNW	0.43 / 2,252.97	348.93 / -33	ROY KOBAYASHI 1920 LUPINE AVENUE MONTEREY PARK CA 91775	RCRA TSD

EPA Handler ID:	CAC003014058
Gen Status Universe:	No Report
Contact Name:	ROY KOBAYASHI
Contact Address:	1920 LUPINE AVENUE , , MONTEREY PARK , CA, 91775 ,
Contact Phone No and Ext:	213-910-5770
Contact Email:	VIANCATARANGO@ALLIANCE-ENVIRO.COM
Contact Country:	
Land Type:	
County Name:	LOS ANGELES
EPA Region:	09
Receive Date:	20190508
Location Latitude:	34.042365
Location Longitude:	-118.123625

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Smelting, Melting and Refining:	No
Underground Injection Control:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190508
Handler Name:	ROY KOBAYASHI
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified
Source Type:	Implementer
TSD Activity:	Y

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Type:	Other	**Street 1:**	1920 LUPINE AVENUE		
Name:	ROY KOBAYASHI	**Street 2:**			
Date Became Current:		**City:**	MONTEREY PARK		
Date Ended Current:		**State:**	CA		
Phone:	213-910-5770	**Country:**			
Source Type:	Implementer	**Zip Code:**	91775		
Owner/Operator Ind:	Current Operator	**Street No:**			
Type:	Other	**Street 1:**	1920 LUPINE AVENUE		
Name:	ROY KOBAYASHI	**Street 2:**			
Date Became Current:		**City:**	MONTEREY PARK		
Date Ended Current:		**State:**	CA		
Phone:	213-910-5770	**Country:**			
Source Type:	Implementer	**Zip Code:**	91775		

69	1 of1	ESE	0.49 / 2,583.17	403.23 / 21	OPERATING INDUSTRIES, INC. LANDFILL 900 POTRERO GRANDE DR MONTEREY PARK CA 91755	HIST CORTESE

Envirostor ID:	19490207
Status (Historical):	ACTIVE
Site Type:	FEDERAL SUPERFUND - LISTED
Site Code:	300110

70	1 of2	S	0.49 / 2,587.36	424.82 / 43	NEW CURE, INC. 2550 GREENWOOD AVENUE MONTEREY PARK CA 91755-7419	RCRA CORRACTS

EPA Handler ID:	CAT080012024
Gen Status Universe:	Small Quantity Generator
Contact Name:	ELEOVARDO ROBLES
Contact Address:	2550 , GREENWOOD AVENUE , , MONTEREY PARK , CA, 91755 , US
Contact Phone No and Ext:	323-720-9775
Contact Email:	DROBLES@OII-LANDFILL.COM
Contact Country:	US
County Name:	LOS ANGELES
EPA Region:	09
Land Type:	Federal
Receive Date:	20220602
Location Latitude:	34.03398
Location Longitude:	-118.108581

Event/Area Details

Area Name:	ENTIRE FACILITY
Event Code:	CA074HI
Corrective Action Event Descri:	NCAPS RANKING/PRIORITY
Actual Date of Event:	19840401
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19840401
Groundwater Release Indicator:	
Soil Release Indicator:	
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	E

Area Name:	ENTIRE FACILITY
Event Code:	CA049SI
Corrective Action Event Descri:	PA OR CERCLA INSPECTION
Actual Date of Event:	19840401
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19840401

Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name: ENTIRE FACILITY
Event Code: CA049PA
Corrective Action Event Descri: PA OR CERCLA INSPECTION
Actual Date of Event: 19840401
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19840401
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name: ENTIRE FACILITY
Event Code: CA029SF
Corrective Action Event Descri: LEAD AGENCY DETERMINATION
Actual Date of Event: 19840401
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19840401
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name: ENTIRE FACILITY
Event Code: CA075HI
Corrective Action Event Descri: CA PRIORITIZATION-HIGH CA PRIORITY
Actual Date of Event: 19840401
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19840401
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name: ENTIRE FACILITY
Event Code: CA210SF
Corrective Action Event Descri: REFERRED TO A NON-RCRA AUTHORITY-REFERRED TO CERCLA
Actual Date of Event: 19960101
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19960101
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Jan, 2024.

Violation Details

Found Violation: Yes
Citation: F - 264.140-150.H

Violation Short Description: TSD - Financial Requirements
Violation Type: 264.H
Violation Determined Date: 19871223
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19900101
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 510
Enforcement Type Description: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Action Date: 19850926
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: F - 264.70-77.E
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19871006
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19900101
Violation Responsible Agency: State

Violation Details

Found Violation: Yes
Citation: F - 270
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19871006
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19900101
Violation Responsible Agency: State

Violation Details

Found Violation: Yes
Citation: F - 264.140-150.H
Violation Short Description: TSD - Financial Requirements
Violation Type: 264.H
Violation Determined Date: 19870622
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19900101
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 510
Enforcement Type Description: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Action Date: 19850926
Enf Disposition Status:
Disposition Status Date:

Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: F - 264.140-150.H
Violation Short Description: TSD - Financial Requirements
Violation Type: 264.H
Violation Determined Date: 19861126
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19900101
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 510
Enforcement Type Description: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Action Date: 19850926
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Evaluation Details

Evaluation Start Date: 20221123
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19871223
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description: TSD - Financial Requirements
Return to Compliance Date: 19900101
Evaluation Agency: State

Evaluation Start Date: 19871006
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description: TSD - General
Return to Compliance Date: 19900101
Evaluation Agency: State

Evaluation Start Date: 19870622
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description: TSD - Financial Requirements
Return to Compliance Date: 19900101
Evaluation Agency: State

Evaluation Start Date: 19861126
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description: TSD - Financial Requirements
Return to Compliance Date: 19900101
Evaluation Agency: State

Handler Summary

Importer Activity: No

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner:	No
Smelting, Melting and Refining:	No
Underground Injection Control:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19930701
Handler Name:	OPERATING INDS INC
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19970514
Handler Name:	OPERATING INDS INC
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Notification

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	19970514
Handler Name:	OPERATING INDS INC
Federal Waste Generator Code:	2
Generator Code Description:	Small Quantity Generator
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20080828
Handler Name:	OPERATING INDUSTRIES, INC. NEW CURE, INC.
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Annual/Biennial Report

Waste Code Details

Hazardous Waste Code:	F039
Waste Code Description:	LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20100810
Handler Name: NEW CURE, INC. / OPERATING INDUSTRIES, INC.
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20120302
Handler Name: NEW CURE, INC./OPERATING INDUSTIRES, INC/
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20140301
Handler Name: NEW CURE INC / OPERATING INDUSTRIES INC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20181010
Handler Name: NEW CURE, INC.
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20190206
Handler Name: NEW CURE, INC.
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20200305
Handler Name: NEW CURE, INC.
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20220602
Handler Name: NEW CURE, INC.
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	2550
Type:	Private	***Street 1:***	GREENWOOD AVENUE
Name:	O.P.I., INC.	***Street 2:***	
Date Became Current:	19920412	***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	323-720-9975	***Country:***	
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	91755

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	2550 GREENWOOD AVENUE
Name:	OPERATING INDUSTRIES, INC.	***Street 2:***	
Date Became Current:	19910412	***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:		***Country:***	
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	91755

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	
Name:	NEW CURE, INC.	***Street 2:***	
Date Became Current:	19920412	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	

Owner/Operator Ind:	Current Owner	***Street No:***	2550
Type:	Private	***Street 1:***	GREENWOOD AVENUE
Name:	OPERATING INDUSTRIES, INC.	***Street 2:***	
Date Became Current:	19920412	***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	323-720-9975	***Country:***	
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	91755

Owner/Operator Ind:	Current Operator	***Street No:***	2550
Type:	Private	***Street 1:***	GREENWOOD AVE
Name:	ELEOVARDO ROBLES	***Street 2:***	
Date Became Current:	19920412	***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	91755

Owner/Operator Ind:	Current Operator	***Street No:***	2550
Type:	Private	***Street 1:***	GREENWOOD AVENUE
Name:	NEW CURE, INC.	***Street 2:***	
Date Became Current:	19920515	***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA
Phone:	323-720-9775	***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	91755

Owner/Operator Ind:	Current Owner	***Street No:***	2550
Type:	Federal	***Street 1:***	GREENWOOD AVENUE
Name:	EPA SUPERFUND SITE	***Street 2:***	
Date Became Current:	19890501	***City:***	MONTEREY PARK
Date Ended Current:		***State:***	CA

Phone:	323-720-9775	**Country:**	US
Source Type:	Implementer	**Zip Code:**	91755
Owner/Operator Ind:	Current Owner	**Street No:**	2550
Type:	Federal	**Street 1:**	GREENWOOD AVENUE
Name:	EPA SUPERFUND SITE	**Street 2:**	
Date Became Current:	19890501	**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	323-720-9775	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	91755
Owner/Operator Ind:	Current Owner	**Street No:**	2550
Type:	Private	**Street 1:**	GREENWOOD AVE
Name:	OPERATING INDUSTRIES INC	**Street 2:**	
Date Became Current:	20000101	**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	91755
Owner/Operator Ind:	Current Operator	**Street No:**	2550
Type:	Private	**Street 1:**	GREENWOOD AVENUE
Name:	NEW CURE, INC.	**Street 2:**	
Date Became Current:	19920515	**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	323-720-9775	**Country:**	US
Source Type:	Implementer	**Zip Code:**	91755
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	2425 S. GARFIELD AVENUE
Name:	OPERATING INDUSTRIES, INC.	**Street 2:**	
Date Became Current:		**City:**	CITY NOT REPORTED
Date Ended Current:		**State:**	CA
Phone:	213-726-3202	**Country:**	
Source Type:	Implementer	**Zip Code:**	99999
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	1749 S POTRERO GRANDE DR RM E
Name:	AHAS INC	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	818-336-3636	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	1749 S POTRERO GRANDE DR RM E
Name:	AHAS INC	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	818-336-3636	**Country:**	
Source Type:	Notification	**Zip Code:**	91755
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	2550 GREENWOOD AVENUE
Name:	OPERATING INDUSTRIES, INC.	**Street 2:**	
Date Became Current:	19910412	**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	91755
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	NEW CURE, INC.	**Street 2:**	
Date Became Current:	19920412	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	

Historical Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Receive Dt: 20200305
Generator Code Description: Small Quantity Generator
Handler Name: NEW CURE, INC.

Receive Dt: 20190206
Generator Code Description: Not a Generator, Verified
Handler Name: NEW CURE, INC.

Receive Dt: 20181010
Generator Code Description: Not a Generator, Verified
Handler Name: NEW CURE, INC.

Receive Dt: 20140301
Generator Code Description: Large Quantity Generator
Handler Name: NEW CURE INC / OPERATING INDUSTRIES INC

Receive Dt: 20120302
Generator Code Description: Large Quantity Generator
Handler Name: NEW CURE, INC./OPERATING INDUSTIRES, INC/

Receive Dt: 20100810
Generator Code Description: Large Quantity Generator
Handler Name: NEW CURE, INC. / OPERATING INDUSTRIES, INC.

Receive Dt: 20080828
Generator Code Description: Large Quantity Generator
Handler Name: OPERATING INDUSTRIES, INC. NEW CURE, INC.

Receive Dt: 19970514
Generator Code Description: Large Quantity Generator
Handler Name: OPERATING INDS INC

Receive Dt: 19970514
Generator Code Description: Small Quantity Generator
Handler Name: OPERATING INDS INC

Receive Dt: 19930701
Generator Code Description: Not a Generator, Verified
Handler Name: OPERATING INDS INC

70	***2 of2***	***S***	***0.49 / 2,587.36***	***424.82 / 43***	***NEW CURE, INC.*** ***2550 GREENWOOD AVENUE*** ***MONTEREY PARK CA 91755-7419***	***RCRA TSD***

EPA Handler ID: CAT080012024
Gen Status Universe: Small Quantity Generator
Contact Name: ELEOVARDO ROBLES
Contact Address: 2550 , GREENWOOD AVENUE , , MONTEREY PARK , CA, 91755 , US
Contact Phone No and Ext: 323-720-9775
Contact Email: DROBLES@OII-LANDFILL.COM
Contact Country: US
Land Type: Federal
County Name: LOS ANGELES
EPA Region: 09
Receive Date: 20220602
Location Latitude: 34.03398
Location Longitude: -118.108581

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Jan, 2024.

Violation Details

Found Violation: Yes
Citation: F - 264.140-150.H
Violation Short Description: TSD - Financial Requirements
Violation Type: 264.H
Violation Determined Date: 19871223
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19900101
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 510
Enforcement Type Description: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Action Date: 19850926
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: F - 270
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19871006
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19900101
Violation Responsible Agency: State

Violation Details

Found Violation: Yes
Citation: F - 264.70-77.E
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 19871006
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19900101
Violation Responsible Agency: State

Violation Details

Found Violation: Yes
Citation: F - 264.140-150.H
Violation Short Description: TSD - Financial Requirements
Violation Type: 264.H
Violation Determined Date: 19870622
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19900101
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 510
Enforcement Type Description: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Action Date: 19850926

Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: F - 264.140-150.H
Violation Short Description: TSD - Financial Requirements
Violation Type: 264.H
Violation Determined Date: 19861126
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19900101
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 510
Enforcement Type Description: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Action Date: 19850926
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Evaluation Details

Evaluation Start Date: 20221123
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19871223
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description: TSD - Financial Requirements
Return to Compliance Date: 19900101
Evaluation Agency: State

Evaluation Start Date: 19871006
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Violation Short Description: TSD - General
Return to Compliance Date: 19900101
Evaluation Agency: State

Evaluation Start Date: 19870622
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description: TSD - Financial Requirements
Return to Compliance Date: 19900101
Evaluation Agency: State

Evaluation Start Date: 19861126
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description: TSD - Financial Requirements
Return to Compliance Date: 19900101
Evaluation Agency: State

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Smelting, Melting and Refining:	No
Underground Injection Control:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19930701
Handler Name:	OPERATING INDS INC
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified
Source Type:	Implementer
TSD Activity:	N

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19970514
Handler Name:	OPERATING INDS INC
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Notification
TSD Activity:	N

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	19970514
Handler Name:	OPERATING INDS INC
Federal Waste Generator Code:	2
Generator Code Description:	Small Quantity Generator
Source Type:	Implementer
TSD Activity:	N

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20080828
Handler Name:	OPERATING INDUSTRIES, INC. NEW CURE, INC.
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Annual/Biennial Report
TSD Activity:	N

Waste Code Details

Hazardous Waste Code:	F039
Waste Code Description:	LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE

OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20100810
Handler Name: NEW CURE, INC. / OPERATING INDUSTRIES, INC.
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification
TSD Activity: N

Waste Code Details

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20120302
Handler Name: NEW CURE, INC./OPERATING INDUSTIRES, INC/
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification
TSD Activity: N

Waste Code Details

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20140301
Handler Name: NEW CURE INC / OPERATING INDUSTRIES INC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification
TSD Activity: Y

Waste Code Details

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20181010
Handler Name: NEW CURE, INC.
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Annual/Biennial Report update with Notification
TSD Activity: N

Waste Code Details

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20190206
Handler Name: NEW CURE, INC.
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer
TSD Activity: N

Waste Code Details

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20200305
Handler Name: NEW CURE, INC.
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Annual/Biennial Report update with Notification
TSD Activity: N

Waste Code Details

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20220602
Handler Name: NEW CURE, INC.
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Annual/Biennial Report update with Notification
TSD Activity: N

Waste Code Details

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: F039
Waste Code Description: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Federal
Name: EPA SUPERFUND SITE
Date Became Current: 19890501
Date Ended Current:
Phone: 323-720-9775
Source Type: Annual/Biennial Report update with Notification
Street No: 2550
Street 1: GREENWOOD AVENUE
Street 2:
City: MONTEREY PARK
State: CA
Country: US
Zip Code: 91755

Owner/Operator Ind: Current Operator
Type: Private
Name: OPERATING INDUSTRIES, INC.
Date Became Current:
Date Ended Current:
Phone: 213-726-3202
Source Type: Implementer
Street No:
Street 1: 2425 S. GARFIELD AVENUE
Street 2:
City: CITY NOT REPORTED
State: CA
Country:
Zip Code: 99999

Owner/Operator Ind: Current Operator
Type: Private
Name: NEW CURE, INC.
Date Became Current: 19920515
Date Ended Current:
Phone: 323-720-9775
Source Type: Annual/Biennial Report update with Notification
Street No: 2550
Street 1: GREENWOOD AVENUE
Street 2:
City: MONTEREY PARK
State: CA
Country: US
Zip Code: 91755

Owner/Operator Ind: Current Owner
Type: Federal
Name: EPA SUPERFUND SITE
Date Became Current: 19890501
Date Ended Current:
Phone: 323-720-9775
Source Type: Implementer
Street No: 2550
Street 1: GREENWOOD AVENUE
Street 2:
City: MONTEREY PARK
State: CA
Country: US
Zip Code: 91755

Owner/Operator Ind: Current Operator
Type: Private
Name: NEW CURE, INC.
Date Became Current: 19920515
Date Ended Current:
Phone: 323-720-9775
Source Type: Implementer
Street No: 2550
Street 1: GREENWOOD AVENUE
Street 2:
City: MONTEREY PARK
State: CA
Country: US
Zip Code: 91755

Owner/Operator Ind: Current Owner
Street No: 2550

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Type:	Private	**Street 1:**	GREENWOOD AVENUE
Name:	OPERATING INDUSTRIES, INC.	**Street 2:**	
Date Became Current:	19920412	**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	323-720-9975	**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	91755
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	1749 S POTRERO GRANDE DR RM E
Name:	AHAS INC	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	818-336-3636	**Country:**	
Source Type:	Implementer	**Zip Code:**	91755
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	1749 S POTRERO GRANDE DR RM E
Name:	AHAS INC	**Street 2:**	
Date Became Current:		**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	818-336-3636	**Country:**	
Source Type:	Notification	**Zip Code:**	91755
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	2550 GREENWOOD AVENUE
Name:	OPERATING INDUSTRIES, INC.	**Street 2:**	
Date Became Current:	19910412	**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	91755
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	NEW CURE, INC.	**Street 2:**	
Date Became Current:	19920412	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	2550 GREENWOOD AVENUE
Name:	OPERATING INDUSTRIES, INC.	**Street 2:**	
Date Became Current:	19910412	**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	91755
Owner/Operator Ind:	Current Operator	**Street No:**	2550
Type:	Private	**Street 1:**	GREENWOOD AVENUE
Name:	O.P.I., INC.	**Street 2:**	
Date Became Current:	19920412	**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:	323-720-9975	**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	91755
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	NEW CURE, INC.	**Street 2:**	
Date Became Current:	19920412	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	2550
Type:	Private	**Street 1:**	GREENWOOD AVE
Name:	OPERATING INDUSTRIES INC	**Street 2:**	
Date Became Current:	20000101	**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:		**Country:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	91755
Owner/Operator Ind:	Current Operator	**Street No:**	2550
Type:	Private	**Street 1:**	GREENWOOD AVE
Name:	ELEOVARDO ROBLES	**Street 2:**	
Date Became Current:	19920412	**City:**	MONTEREY PARK
Date Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	91755

Historical Handler Details

Receive Dt:	20200305
Generator Code Description:	Small Quantity Generator
Handler Name:	NEW CURE, INC.
Receive Dt:	20190206
Generator Code Description:	Not a Generator, Verified
Handler Name:	NEW CURE, INC.
Receive Dt:	20181010
Generator Code Description:	Not a Generator, Verified
Handler Name:	NEW CURE, INC.
Receive Dt:	20140301
Generator Code Description:	Large Quantity Generator
Handler Name:	NEW CURE INC / OPERATING INDUSTRIES INC
Receive Dt:	20120302
Generator Code Description:	Large Quantity Generator
Handler Name:	NEW CURE, INC./OPERATING INDUSTIRES, INC/
Receive Dt:	20100810
Generator Code Description:	Large Quantity Generator
Handler Name:	NEW CURE, INC. / OPERATING INDUSTRIES, INC.
Receive Dt:	20080828
Generator Code Description:	Large Quantity Generator
Handler Name:	OPERATING INDUSTRIES, INC. NEW CURE, INC.
Receive Dt:	19970514
Generator Code Description:	Small Quantity Generator
Handler Name:	OPERATING INDS INC
Receive Dt:	19970514
Generator Code Description:	Large Quantity Generator
Handler Name:	OPERATING INDS INC
Receive Dt:	19930701
Generator Code Description:	Not a Generator, Verified
Handler Name:	OPERATING INDS INC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
71	1 of15	SSE	0.49 / 2,589.95	372.78 / -9	OPERATING INDUSTRIES, INC., LANDFILL 900 N POTRERO GRANDE DR MONTEREY PARK CA 91754	CERCLIS

Site ID:	0902673	**RNPL Status Code:**	F
Site EPA ID:	CAT080012024	**NPL Status:**	Currently on the Final NPL
Site Street Address 2:		**RFED Facility Code:**	N
Site County Name:	LOS ANGELES	**RFED Facility Desc:**	Not a Federal Facility
Site FIPS Code:	06037	**USGS Hydro Unit No.:**	18070105
Region Code:	09	**Site Cong. Dist. Code:**	27
Site SMSA No.:	4480	**ROT Desc:**	Private
Site Prim. Latitude:	+34.033330	**FR NPL Update No.:**	6
Site Prim. Longitude:	-118.105550	**RFRA Code:**	F
Lat Long Source:	EPA HQ		

RNON NPL Status Desc:

CERCLIS Site Contact Name(s)

Person ID: 9271138.00
First Name: Richard
Last Name: Hiett
Phone No.: 4159723170
Email:

CERCLIS Site Contact Name(s)

Person ID: 9000171.00
First Name: Chris
Last Name: Weden
Phone No.: 4159723041
Email:

CERCLIS Site Contact Name(s)

Person ID: 13004003.00
First Name: Carl
Last Name: Brickner
Phone No.:
Email:

CERCLIS Site Contact Name(s)

Person ID: 13003858.00
First Name: Sharon
Last Name: Murray
Phone No.: 4159724250
Email:

CERCLIS Site Contact Name(s)

Person ID: 13003854.00
First Name: Leslie
Last Name: Ramirez
Phone No.: 4159723978
Email:

CERCLIS Site Contact Name(s)

Person ID: 13003957.00
First Name: Carmen
Last Name: Santiago-Ocasio
Phone No.: 4159723525
Email:

CERCLIS Assess History

OU ID: 00
Act Code ID: 003
RAT Code: FE
RAT Short Name: 5 YEAR
RAT Name: FIVE-YEAR REVIEW
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RALT Short Name: EPA Fund
Act Start Date: 1/25/2000 00:00:00
Act Complete Date: 2/18/2000 00:00:00
AGT Order No.: 1010
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:

RFBS Code: A
SH Lead:
SPA Code: 09
RAT Def: A review that is conducted at a minimum of every five years to determine if the implementation and performance of a remedy is protective or will be protective of human health and the environment.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 02
RALT Short Name: EPA Fund
Act Code ID: 002
Act Start Date:
RAT Code: RO
Act Complete Date: 11/16/1987 00:00:00
RAT Short Name: ROD
AGT Order No.: 610
RAT Name: RECORD OF DECISION
SH OU:
RAT Hist. Only Flag:
SH Code:
RAT NSI Indicator: B
SH Seq:
RAT Level: 1
SH Start Date:
RAT DEF OU:
SH Complete Date:
RFBS Code:
SH Lead:
SPA Code: 13
RAT Def: The final Record of Decision (ROD) is signed by the appropriate agency indicating that the agency has chosen the remedy for site remediation. ROD signature is signified by the complete date.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 04
RALT Short Name: Fed Enforce
Act Code ID: 002
Act Start Date: 3/26/1987 00:00:00
RAT Code: FS
Act Complete Date: 7/31/1987 00:00:00
RAT Short Name: FS
AGT Order No.: 550
RAT Name: FEASIBILITY STUDY
SH OU:
RAT Hist. Only Flag:
SH Code:
RAT NSI Indicator: B
SH Seq:
RAT Level: 1
SH Start Date:
RAT DEF OU:
SH Complete Date:
RFBS Code: P
SH Lead:
SPA Code: 13
RAT Def: A study of a hazardous waste site intended to (1) evaluate alternative remedial actions from technical, environmental, and cost-effectiveness perspectives; (2) recommend the cost-effective remedial action; and (3) prepare a conceptual design, a cost estimate for budgetary purposes, and a preliminary construction schedule.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 00
RALT Short Name: EPA Fund
Act Code ID: 002
Act Start Date: 7/1/1989 00:00:00
RAT Code: AR
Act Complete Date: 7/1/1989 00:00:00
RAT Short Name: ADMM REC
AGT Order No.: 580
RAT Name: ADMINISTRATIVE RECORDS
SH OU:
RAT Hist. Only Flag:
SH Code:
RAT NSI Indicator: B
SH Seq:
RAT Level: 1
SH Start Date:
RAT DEF OU: 00
SH Complete Date:
RFBS Code: P
SH Lead:
SPA Code: 13
RAT Def: SARA specifies that administrative records be compiled at Superfund sites where remedial or removal responses are planned, or are occurring, or where EPA is issuing a unilateral order or initiating litigation to track enforcement case budget funds used for any RP lead activity.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	04	**RALT Short Name:**	PRP Rsp Fed
Act Code ID:	001	**Act Start Date:**	5/11/1989 00:00:00
RAT Code:	BF	**Act Complete Date:**	5/10/1997 00:00:00
RAT Short Name:	PRP RA	**AGT Order No.:**	880
RAT Name:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Action (RA), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	002	**Act Start Date:**	9/6/1990 00:00:00
RAT Code:	RS	**Act Complete Date:**	9/6/1990 00:00:00
RAT Short Name:	RV ASSESS	**AGT Order No.:**	30
RAT Name:	REMOVAL ASSESSMENT	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	V	**SH Lead:**	
SPA Code:	08		

RAT Def: Collecting site characteristics to determine whether or not a removal must be performed.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	1/1/1984 00:00:00
RAT Code:	SI	**Act Complete Date:**	4/1/1984 00:00:00
RAT Short Name:	SI	**AGT Order No.:**	160
RAT Name:	SITE INSPECTION	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: The process of collecting site data and samples to characterize the severity of the hazard for the hazard ranking score and/or enforcement support.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	01	**RALT Short Name:**	Fed Enforce
Act Code ID:	002	**Act Start Date:**	4/10/1986 00:00:00
RAT Code:	RI	**Act Complete Date:**	3/30/1990 00:00:00
RAT Short Name:	RI	**AGT Order No.:**	440
RAT Name:	REMEDIAL INVESTIGATION	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	

SPA Code: 13
RAT Def: An investigation intended to gather the data necessary to: (1) determine the nature and extent of problems at the site; (2) establish cleanup criteria for the site; (3) identify preliminary alternative remedial actions; and (4) support the technical and cost analyses of the alternatives.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 01
Act Code ID: 005
RAT Code: FE
RAT Short Name: 5 YEAR
RAT Name: FIVE-YEAR REVIEW
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code: A
SPA Code: 09
RALT Short Name: EPA Fund
Act Start Date: 1/4/2010 00:00:00
Act Complete Date: 9/27/2010 00:00:00
AGT Order No.: 1010
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
RAT Def: A review that is conducted at a minimum of every five years to determine if the implementation and performance of a remedy is protective or will be protective of human health and the environment.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 02
Act Code ID: 002
RAT Code: BF
RAT Short Name: PRP RA
RAT Name: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU:
RFBS Code: P
SPA Code: 13
RALT Short Name: PRP Rsp Fed
Act Start Date: 7/18/1991 00:00:00
Act Complete Date: 9/29/1995 00:00:00
AGT Order No.: 880
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Action (RA), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 00
Act Code ID:
RAT Code:
RAT Short Name:
RAT Name:
RAT Hist. Only Flag:
RAT NSI Indicator:
RAT Level:
RAT DEF OU:
RFBS Code:
SPA Code:
RALT Short Name:
Act Start Date:
Act Complete Date:
AGT Order No.: 0
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
RAT Def:
Site Desc: The Operating Industries, Inc. (OII) site is located approximately 10 miles east of Los Angeles in Monterey Park, California. The OII site consists of a 190 acre landfill which was operated from 1948 to 1984, and was used for disposal of municipal and ind **NOTE: Data in [Site Desc] field for some recods is truncated from the source.
Site Alias: MONTEREY PARK LDFL,,,CA,;OII,,,CA,;OPERATING INDUSTRIES, INC., LANDFILL,900 N POTRERO GRANDE DR,MONTEREY PARK,CA,91754;

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	
RAT Code:	PA	***Act Complete Date:***	4/1/1984 00:00:00
RAT Short Name:	PA	***AGT Order No.:***	130
RAT Name:	PRELIMINARY ASSESSMENT	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.

Site Desc:

Site Alias:

CERCLIS Assess History

OU ID:	01	***RALT Short Name:***	Fed Enforce
Act Code ID:	001	***Act Start Date:***	9/24/1984 00:00:00
RAT Code:	FP	***Act Complete Date:***	10/10/1985 00:00:00
RAT Short Name:	FPA	***AGT Order No.:***	270
RAT Name:	FORWARD PLANNING	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:	13		

RAT Def: The process which identifies the projects which may be necessary to restore a hazardous waste site.

Site Desc:

Site Alias:

CERCLIS Assess History

OU ID:	03	***RALT Short Name:***	Fed Enforce
Act Code ID:	003	***Act Start Date:***	
RAT Code:	RO	***Act Complete Date:***	9/30/1988 00:00:00
RAT Short Name:	ROD	***AGT Order No.:***	610
RAT Name:	RECORD OF DECISION	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:	13		

RAT Def: The final Record of Decision (ROD) is signed by the appropriate agency indicating that the agency has chosen the remedy for site remediation. ROD signature is signified by the complete date.

Site Desc:

Site Alias:

CERCLIS Assess History

OU ID:	04	***RALT Short Name:***	PRP Rsp Fed
Act Code ID:	004	***Act Start Date:***	5/10/1997 00:00:00
RAT Code:	OM	***Act Complete Date:***	
RAT Short Name:	OM	***AGT Order No.:***	990
RAT Name:	OPERATIONS AND MAINTENANCE	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	

RFBS Code: P
SH Lead:
SPA Code: 09
RAT Def: Site requirements associated with a remedy that must be performed after the completion of a remedial action.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 00
Act Code ID: 001
RAT Code: RV
RAT Short Name: RMVL
RAT Name: REMOVAL
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code: V
SPA Code: 08
RAT Def: Response action that requires expeditious attention to reduce imminent and substantial dangers to human health, welfare, or the environment or an emergency response required within hours or days to address acute situations involving actual or potential threat to human health, the environment, or real or personal property due to the release of a hazardous substance. Characterization of a removal action as removal, not immediate removal or planned removal, started at the beginning of FY 1987. This code now takes the place of immediate removal (IR) and planned removal (PR).
Site Desc:
Site Alias:

RALT Short Name: EPA Fund
Act Start Date: 10/8/1985 00:00:00
Act Complete Date: 8/1/1987 00:00:00
AGT Order No.: 70
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:

CERCLIS Assess History

OU ID: 02
Act Code ID: 002
RAT Code: TA
RAT Short Name: TECH A
RAT Name: TECHNICAL ASSISTANCE
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code: P
SPA Code: 09
RAT Def: Participation in the conduct of fund-financed Remedial Investigation/Feasibility Study (RI/FS).
Site Desc:
Site Alias:

RALT Short Name: Fed Enforce
Act Start Date: 12/31/1985 00:00:00
Act Complete Date:
AGT Order No.: 500
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:

CERCLIS Assess History

OU ID: 00
Act Code ID: 001
RAT Code: NF
RAT Short Name: NPL FINL
RAT Name: FINAL LISTING ON NATIONAL PRIORITIES LIST
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code: P
SPA Code: 13
RAT Def: Site moved from proposed list to final National Priority List.
Site Desc:
Site Alias:

RALT Short Name: EPA Fund
Act Start Date:
Act Complete Date: 6/10/1986 00:00:00
AGT Order No.: 202
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:

CERCLIS Assess History

OU ID: 01
Act Code ID: 001
RAT Code: CO
RAT Short Name: RI/FS
RAT Name: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU:
RFBS Code: P
SPA Code: 13
RALT Short Name: EPA Fund
Act Start Date: 9/15/1989 00:00:00
Act Complete Date: 9/30/1996 00:00:00
AGT Order No.: 430
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
RAT Def: The process of data collection and analyses of the site problem, identification of preliminary remedial alternatives, and recommendation of a cost-effective remedy. There can be multiple Remedial Investigation/Feasibility Studies (RI/FS) conducted at a site.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 01
Act Code ID: 004
RAT Code: BF
RAT Short Name: PRP RA
RAT Name: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU:
RFBS Code: P
SPA Code: 13
RALT Short Name: PRP Rsp Fed
Act Start Date: 5/8/2002 00:00:00
Act Complete Date: 9/29/2003 00:00:00
AGT Order No.: 880
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Action (RA), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 04
Act Code ID: 001
RAT Code: RO
RAT Short Name: ROD
RAT Name: RECORD OF DECISION
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU:
RFBS Code:
SPA Code: 13
RALT Short Name: EPA Fund
Act Start Date:
Act Complete Date: 7/31/1987 00:00:00
AGT Order No.: 610
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:
RAT Def: The final Record of Decision (ROD) is signed by the appropriate agency indicating that the agency has chosen the remedy for site remediation. ROD signature is signified by the complete date.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID: 04
Act Code ID: 001
RAT Code: BE
RAT Short Name: PRP RD
RAT Name: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
RALT Short Name: PRP Rsp Fed
Act Start Date: 5/11/1989 00:00:00
Act Complete Date: 1/4/1991 00:00:00
AGT Order No.: 800
SH OU:

RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Design (RD), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	02	**RALT Short Name:**	Fed Enforce
Act Code ID:	001	**Act Start Date:**	3/19/1985 00:00:00
RAT Code:	FS	**Act Complete Date:**	11/16/1987 00:00:00
RAT Short Name:	FS	**AGT Order No.:**	550
RAT Name:	FEASIBILITY STUDY	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: A study of a hazardous waste site intended to (1) evaluate alternative remedial actions from technical, environmental, and cost-effectiveness perspectives; (2) recommend the cost-effective remedial action; and (3) prepare a conceptual design, a cost estimate for budgetary purposes, and a preliminary construction schedule.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	03	**RALT Short Name:**	PRP Rsp Fed
Act Code ID:	003	**Act Start Date:**	4/1/1992 00:00:00
RAT Code:	BE	**Act Complete Date:**	5/28/1998 00:00:00
RAT Short Name:	PRP RD	**AGT Order No.:**	800
RAT Name:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Design (RD), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	
RAT Code:	RS	**Act Complete Date:**	12/30/1992 00:00:00
RAT Short Name:	RV ASSESS	**AGT Order No.:**	30
RAT Name:	REMOVAL ASSESSMENT	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	V	**SH Lead:**	
SPA Code:	08		

RAT Def: Collecting site characteristics to determine whether or not a removal must be performed.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	004	***Act Start Date:***	11/23/1992 00:00:00
RAT Code:	RV	***Act Complete Date:***	3/15/2002 00:00:00
RAT Short Name:	RMVL	***AGT Order No.:***	70
RAT Name:	REMOVAL	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	V	***SH Lead:***	
SPA Code:	08		

RAT Def: Response action that requires expeditious attention to reduce imminent and substantial dangers to human health, welfare, or the environment or an emergency response required within hours or days to address acute situations involving actual or potential threat to human health, the environment, or real or personal property due to the release of a hazardous substance. Characterization of a removal action as removal, not immediate removal or planned removal, started at the beginning of FY 1987. This code now takes the place of immediate removal (IR) and planned removal (PR).
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	
RAT Code:	NP	***Act Complete Date:***	10/15/1984 00:00:00
RAT Short Name:	PROPOSED	***AGT Order No.:***	200
RAT Name:	PROPOSAL TO NATIONAL PRIORITIES LIST	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: Site proposed for inclusion on the National Priority List based on the Hazard Ranking System (HRS) score for the site.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	02	***RALT Short Name:***	PRP Rsp Fed
Act Code ID:	002	***Act Start Date:***	5/11/1989 00:00:00
RAT Code:	BE	***Act Complete Date:***	7/18/1991 00:00:00
RAT Short Name:	PRP RD	***AGT Order No.:***	800
RAT Name:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Design (RD), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	003	***Act Start Date:***	2/15/1987 00:00:00
RAT Code:	RV	***Act Complete Date:***	8/1/1987 00:00:00
RAT Short Name:	RMVL	***AGT Order No.:***	70
RAT Name:	REMOVAL	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	V	***SH Lead:***	
SPA Code:	08		

RAT Def: Response action that requires expeditious attention to reduce imminent and substantial dangers to human health, welfare, or the environment or an emergency response required within hours or days to address acute situations involving actual or potential threat to human health, the environment, or real or personal property due to the release of a hazardous substance. Characterization of a removal action as removal, not immediate removal or planned removal, started at the beginning of FY 1987. This code now takes the place of immediate removal (IR) and planned removal (PR).

Site Desc:

Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	
RAT Code:	HR	***Act Complete Date:***	4/1/1984 00:00:00
RAT Short Name:	HAZRANK	***AGT Order No.:***	190
RAT Name:	HAZARD RANKING SYSTEM PACKAGE	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: A numeric estimate of the relative severity of a hazardous substance release or potential release based on: (1) the relative potential of substances to cause hazardous situations; (2) the likelihood and rate at which the substances may affect human and environmental receptors; and (3) the severity and magnitude of potential effects. The score is computed using the hazard ranking system (HRS).

Site Desc:

Site Alias:

CERCLIS Assess History

OU ID:	01	***RALT Short Name:***	Fed Enforce
Act Code ID:	001	***Act Start Date:***	4/30/1989 00:00:00
RAT Code:	MA	***Act Complete Date:***	
RAT Short Name:	ST COOP	***AGT Order No.:***	300
RAT Name:	STATE SUPPORT AGENCY COOPERATIVE AGREEMENT	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	09		

RAT Def: Federal renumeration of state administrative costs of participation in site-specific remedial planning or implementation activities.

Site Desc:

Site Alias:

CERCLIS Assess History

OU ID:	02	***RALT Short Name:***	PRP Rsp Fed
Act Code ID:	002	***Act Start Date:***	9/29/1995 00:00:00
RAT Code:	OM	***Act Complete Date:***	

RAT Short Name:	OM	**AGT Order No.:**	990
RAT Name:	OPERATIONS AND MAINTENANCE	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	09		

RAT Def: Site requirements associated with a remedy that must be performed after the completion of a remedial action.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	03	**RALT Short Name:**	PRP Rsp Fed
Act Code ID:	005	**Act Start Date:**	9/17/1991 00:00:00
RAT Code:	BE	**Act Complete Date:**	9/24/1999 00:00:00
RAT Short Name:	PRP RD	**AGT Order No.:**	800
RAT Name:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Design (RD), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	04	**RALT Short Name:**	Fed Enforce
Act Code ID:	001	**Act Start Date:**	7/19/1988 00:00:00
RAT Code:	AR	**Act Complete Date:**	
RAT Short Name:	ADMM REC	**AGT Order No.:**	580
RAT Name:	ADMINISTRATIVE RECORDS	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: SARA specifies that administrative records be compiled at Superfund sites where remedial or removal responses are planned, or are occurring, or where EPA is issuing a unilateral order or initiating litigation to track enforcement case budget funds used for any RP lead activity.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	03	**RALT Short Name:**	Fed Enforce
Act Code ID:	003	**Act Start Date:**	9/22/1987 00:00:00
RAT Code:	FS	**Act Complete Date:**	9/30/1988 00:00:00
RAT Short Name:	FS	**AGT Order No.:**	550
RAT Name:	FEASIBILITY STUDY	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: A study of a hazardous waste site intended to (1) evaluate alternative remedial actions from technical,

environmental, and cost-effectiveness perspectives; (2) recommend the cost-effective remedial action; and (3) prepare a conceptual design, a cost estimate for budgetary purposes, and a preliminary construction schedule.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	03	***RALT Short Name:***	PRP Rsp Fed
Act Code ID:	006	***Act Start Date:***	4/27/2004 00:00:00
RAT Code:	BE	***Act Complete Date:***	7/24/2006 00:00:00
RAT Short Name:	PRP RD	***AGT Order No.:***	800
RAT Name:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Design (RD), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	03	***RALT Short Name:***	PRP Rsp Fed
Act Code ID:	003	***Act Start Date:***	8/5/2005 00:00:00
RAT Code:	OM	***Act Complete Date:***	
RAT Short Name:	OM	***AGT Order No.:***	990
RAT Name:	OPERATIONS AND MAINTENANCE	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	09		

RAT Def: Site requirements associated with a remedy that must be performed after the completion of a remedial action.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	01	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	12/31/1985 00:00:00
RAT Code:	TA	***Act Complete Date:***	9/30/1987 00:00:00
RAT Short Name:	TECH A	***AGT Order No.:***	500
RAT Name:	TECHNICAL ASSISTANCE	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	09		

RAT Def: Participation in the conduct of fund-financed Remedial Investigation/Feasibility Study (RI/FS).

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	01	***RALT Short Name:***	PRP Rsp Fed
Act Code ID:	004	***Act Start Date:***	9/28/2001 00:00:00

RAT Code:	BE	***Act Complete Date:***	5/8/2002 00:00:00
RAT Short Name:	PRP RD	***AGT Order No.:***	800
RAT Name:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Design (RD), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	03	***RALT Short Name:***	PRP Rsp Fed
Act Code ID:	003	***Act Start Date:***	5/28/1998 00:00:00
RAT Code:	BF	***Act Complete Date:***	9/24/2002 00:00:00
RAT Short Name:	PRP RA	***AGT Order No.:***	880
RAT Name:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Action (RA), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	03	***RALT Short Name:***	PRP Rsp Fed
Act Code ID:	006	***Act Start Date:***	7/24/2006 00:00:00
RAT Code:	BF	***Act Complete Date:***	9/22/2010 00:00:00
RAT Short Name:	PRP RA	***AGT Order No.:***	880
RAT Name:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Action (RA), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	
RAT Code:	DS	***Act Complete Date:***	11/1/1979 00:00:00
RAT Short Name:	DISCVRY	***AGT Order No.:***	10
RAT Name:	DISCOVERY	***SH OU:***	

RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:	13		

RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	01	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	2/3/1986 00:00:00
RAT Code:	DA	**Act Complete Date:**	9/30/1987 00:00:00
RAT Short Name:	DA	**AGT Order No.:**	780
RAT Name:	PRE-DESIGN ASSISTANCE	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: Procurement of a design consultant for fund-financed design activities.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	01	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	
RAT Code:	CM	**Act Complete Date:**	9/11/2012 00:00:00
RAT Short Name:	PCOR	**AGT Order No.:**	895
RAT Name:	PRELIMINARY CLOSE-OUT REPORT PREPARED	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	O	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:	09		

RAT Def: A report prepared by the Remedial Program Manager (RPM) verifying that physical construction of the remedy is complete, indicating minor punch list items that remain and outlining a schedule of the outstanding activities.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	002	**Act Start Date:**	10/1/1986 00:00:00
RAT Code:	RV	**Act Complete Date:**	4/10/1987 00:00:00
RAT Short Name:	RMVL	**AGT Order No.:**	70
RAT Name:	REMOVAL	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	V	**SH Lead:**	
SPA Code:	08		

RAT Def: Response action that requires expeditious attention to reduce imminent and substantial dangers to human health, welfare, or the environment or an emergency response required within hours or days to address acute situations involving actual or potential threat to human health, the environment, or real or personal property due to the release of a hazardous substance. Characterization of a removal action as removal, not immediate removal or planned removal, started at the beginning of FY 1987. This code now takes the place of immediate removal (IR) and planned removal (PR).

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	004	***Act Start Date:***	
RAT Code:	FE	***Act Complete Date:***	9/28/2005 00:00:00
RAT Short Name:	5 YEAR	***AGT Order No.:***	1010
RAT Name:	FIVE-YEAR REVIEW	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	A	***SH Lead:***	
SPA Code:	09		

RAT Def: A review that is conducted at a minimum of every five years to determine if the implementation and performance of a remedy is protective or will be protective of human health and the environment.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	04	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	9/21/1987 00:00:00
RAT Code:	RA	***Act Complete Date:***	5/11/1989 00:00:00
RAT Short Name:	RA	***AGT Order No.:***	850
RAT Name:	REMEDIAL ACTION	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:	A	***SH Lead:***	
SPA Code:	09		

RAT Def: The implementation of a permanent resolution to address a release or potential release of a hazardous substance from a site.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	2/9/1995 00:00:00
RAT Code:	FE	***Act Complete Date:***	6/21/1995 00:00:00
RAT Short Name:	5 YEAR	***AGT Order No.:***	1010
RAT Name:	FIVE-YEAR REVIEW	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	A	***SH Lead:***	
SPA Code:	09		

RAT Def: A review that is conducted at a minimum of every five years to determine if the implementation and performance of a remedy is protective or will be protective of human health and the environment.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	01	***RALT Short Name:***	Fed Enforce
Act Code ID:	001	***Act Start Date:***	1/15/1985 00:00:00
RAT Code:	CR	***Act Complete Date:***	
RAT Short Name:	CI	***AGT Order No.:***	490
RAT Name:	COMMUNITY INVOLVEMENT	***SH OU:***	

RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: The community relations activities, i.e., plan, implementation and responsiveness summary that must be completed at a site to address community concerns.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	01	**RALT Short Name:**	EPA Fund
Act Code ID:	004	**Act Start Date:**	
RAT Code:	RO	**Act Complete Date:**	9/30/1996 00:00:00
RAT Short Name:	ROD	**AGT Order No.:**	610
RAT Name:	RECORD OF DECISION	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:	13		

RAT Def: The final Record of Decision (ROD) is signed by the appropriate agency indicating that the agency has chosen the remedy for site remediation. ROD signature is signified by the complete date.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	03	**RALT Short Name:**	PRP Rsp Fed
Act Code ID:	005	**Act Start Date:**	9/24/1999 00:00:00
RAT Code:	BF	**Act Complete Date:**	9/24/2002 00:00:00
RAT Short Name:	PRP RA	**AGT Order No.:**	880
RAT Name:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: Provides for oversight of Potentially Responsible Party (PRP) response action for Remedial Action (RA), including all activities for monitoring and supervising the performance of the responsible parties to determine whether such performance is consistent with the requirements of the administrative orders on consent, unilateral administrative orders, consent decrees, judicial decrees, information agreements, and compliance schedules.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	01	**RALT Short Name:**	Fed Enforce
Act Code ID:	001	**Act Start Date:**	6/28/1985 00:00:00
RAT Code:	RI	**Act Complete Date:**	4/1/1986 00:00:00
RAT Short Name:	RI	**AGT Order No.:**	440
RAT Name:	REMEDIAL INVESTIGATION	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: An investigation intended to gather the data necessary to: (1) determine the nature and extent of problems at the site; (2) establish cleanup criteria for the site; (3) identify preliminary alternative remedial actions; and (4) support the technical and cost analyses of the alternatives.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site Desc:						
Site Alias:						
71	2 of15	SSE	0.49 / 2,589.95	372.78 / -9	OPERATING INDUSTRIES, INC., LANDFILL 900 N POTRERO GRANDE DR MONTEREY PARK CA 91754	FED ENG

EPA ID: CAT080012024
Region Code: 09
County: LOS ANGELES
Latitude: 34.033333
Longitude: -118.105556

Control Details

Actual Completion Date: 7/31/1987 4:00:00 AM
Fiscal Year: 1987
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Operations & Maintenance (O&M)
Media: Leachate
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 04
Sequence ID: 1

Actual Completion Date: 11/16/1987 5:00:00 AM
Fiscal Year: 1988
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Clarification (sedimentation, P&T, exsitu)
Media: Leachate
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 02
Sequence ID: 2

Actual Completion Date: 9/30/1988 4:00:00 AM
Fiscal Year: 1988
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Monitoring
Media: Landfill Gas
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 03
Sequence ID: 3

Actual Completion Date: 9/30/1996 4:00:00 AM
Fiscal Year: 1996
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Leachate Control
Media: Leachate
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 01
Sequence ID: 4

Actual Completion Date: 9/30/1996 4:00:00 AM
Fiscal Year: 1996
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Treatment (other, not otherwise specified, exsitu, onsite)
Media: Leachate
Federal Facility: No

Superfund Alt. Agreement: No
Operable Unit No: 01
Sequence ID: 4

Actual Completion Date: 11/16/1987 5:00:00 AM
Fiscal Year: 1988
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Oil Water Separation (P&T, exsitu)
Media: Leachate
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 02
Sequence ID: 2

Actual Completion Date: 11/16/1987 5:00:00 AM
Fiscal Year: 1988
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Air Stripping (P&T, exsitu)
Media: Leachate
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 02
Sequence ID: 2

Actual Completion Date: 11/16/1987 5:00:00 AM
Fiscal Year: 1988
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Off-gas Treatment (other, not otherwise specified)
Media: Leachate
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 02
Sequence ID: 2

Actual Completion Date: 9/30/1988 4:00:00 AM
Fiscal Year: 1988
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Flame Flare (enclosed, open, other, not otherwise specified)
Media: Landfill Gas
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 03
Sequence ID: 3

Actual Completion Date: 9/30/1988 4:00:00 AM
Fiscal Year: 1988
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Gas Collection System (active)
Media: Landfill Gas
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 03
Sequence ID: 3

Actual Completion Date: 7/31/1987 4:00:00 AM
Fiscal Year: 1987
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Monitoring
Media: Air
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 04
Sequence ID: 1

Actual Completion Date: 7/31/1987 4:00:00 AM
Fiscal Year: 1987
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Monitoring
Media: Leachate
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 04
Sequence ID: 1

Actual Completion Date: 9/30/1996 4:00:00 AM
Fiscal Year: 1996
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Pumping
Media: Leachate
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 01
Sequence ID: 4

Actual Completion Date: 7/31/1987 4:00:00 AM
Fiscal Year: 1987
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Operations & Maintenance (O&M)
Media: Air
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 04
Sequence ID: 1

Actual Completion Date: 9/28/1990 4:00:00 AM
Fiscal Year: 1990
NPL Status: Currently on the Final NPL
Action Type: ROD Amendment
Remedy Component: Cap (engineered cap)
Media: Landfill Gas
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 03
Sequence ID: 1

Actual Completion Date: 9/30/1996 4:00:00 AM
Fiscal Year: 1996
NPL Status: Currently on the Final NPL
Action Type: Record of Decision
Remedy Component: Off-gas Treatment (other, not otherwise specified)
Media: Leachate
Federal Facility: No
Superfund Alt. Agreement: No
Operable Unit No: 01
Sequence ID: 4

71	3 of15	SSE	0.49 / 2,589.95	372.78 / -9	**Operating Industries, Inc** **900 Potrero Grande Drive** **Monterey Park CA 91754**	SWF/LF

SWIS No: 19-AA-0836
Site ID: 1140
EPA Fed Regist ID:
Site Op Status: Closed
Regulatory Status: Unpermitted
Site is Archived: No
Absorbed on:
Absorbed by:

ARB District: South Coast
SWRCB Region: Los Angeles
Site Point of Cont: Dawn Liang
Site ZIP: 91754
County: Los Angeles
Latitude: 34.055
Longitude: -118.1075

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Site Inert Debris Eng Fill: No
Closed Illegal Aband: Yes
Closed Illegal Aband Cat: C1
Finance Assuran Responsible: No
Incorporated City: Monterey Park
Local Government: Monterey Park
Reporting Agency Legal Name: County of Los Angeles
Reporting Agency Department: Department of Public Health
Enforcing Agency Legal Name: County of Los Angeles
Enforcing Agency Department: Department of Public Health

Site Owners

Site Type: Disposal Only
Started On:
Contact Name: Michael Harabedian
Contact First Name: Michael
Contact Last Name: Harabedian
Contact Title: Partner
Contact Email:
Contact Phone: (818) 280-3130
Owner Name: Operating Industries, Inc
Owner Address: 1749 Potrero Grande Dr
Owner City: Monterey Park
Owner State: CA
Owner Zip Code: 91755
Owner Phone:

Site Activities (Search Result)

Activity Category: Disposal
Act Opl Status: Closed
Act Regulat Stat: Unpermitted
Site Name: Operating Industries, Inc
Activity: Solid Waste Disposal Site

Site Operators

Site Type: Disposal Only
Started on:
Contact Name: Michael Harabedian
Contact First Name: Michael
Contact Last Name: Harabedian
Contact Title: Partner
Contact Email:
Contact Phone: (818) 280-3130
Operator Name: Operating Industries, Inc
Operator Address: 1749 Potrero Grande Drive
Operator City: Monterey Park
Operator State: CA
Operator Zip: 91754
Operator Phone:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
71	4 of15	SSE	0.49 / 2,589.95	372.78 / -9	**Operating Industries, Inc. Landfill** **900 Potrero Grande Drive** **MONTEREY PARK CA 91755**	LDS

Global ID: L10006918184
Facility ID:
Cleanup Status:
Site Facility Type:
Address: 900 Potrero Grande Drive
City: MONTEREY PARK
County: Los Angeles
State: CA
Zip: 91755
RWQCB Region: LOS ANGELES RWQCB (REGION 4)
Longitude: -118.105560126953
Latitude: 34.0324770992603

GeoTracker Sites Data Download – Site Details

RB Case No:	57-165
Loc Case No:	
Status:	Pre-Title 27 CAI - Closed/With Monitoring
Status Date:	10/2/1984
Begin Date:	
Case Type:	Land Disposal Site
Cal Enviroscreen:	
Qty Released Gallons:	
CUF Case:	NO
EPA Region:	9
Lead Agency:	
Case Manager:	
Local Agency:	
File Location:	Regional Board
Potential COC:	
Military DoD Site:	No
Leak Reported Dt:	
No Further Action Dt:	
Potential Media of Concern:	
How Discovered:	
How Discovered Description:	
Stop Method:	
Stop Description:	
Calwater Watershed Name:	Los Angeles River - Los Angeles (412.10)
DWR GW Subbasin Name:	
Disadvantaged Community:	
Discharge Cause:	
Coordinate Source:	Google Map Move
Discharge Source:	
Facility Project Sub Type:	Title 27 - Municipal Solid Waste Landfill
Calenviroscreen 3 Score:	71-75%
Calenviroscreen 4 Score:	60-65%
Site History:	

GeoTracker Sites Data Download - Reg Activity

Date:	2023-11-22 00:00:00
Action:	Staff Letter
Action Type:	ENFORCEMENT
Date:	2023-11-06 00:00:00
Action:	Other Report / Document
Action Type:	RESPONSE
Date:	1971-07-29 00:00:00
Action:	File review
Action Type:	ENFORCEMENT

GeoTracker Sites Data Download - Regulatory Contacts

Contact Type:	Regional Board Caseworker
Contact Name:	Wen Yang
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	LOS ANGELES
Email:	wyang@waterboards.ca.gov
Phone No:	2136202253

GeoTracker Sites Data Download - Status History

Status: Pre-Title 27 CAI - Closed/With Monitoring
Status Date: 1984-10-02 00:00:00

GeoTracker Search - Facilities (as of October 16, 2023)

Site Facility Name: OPERATING INDUSTRIES, INC. LANDFILL
Site Facility Type: LAND DISPOSAL SITE
Cleanup Status: PRE-TITLE 27 CAI - CLOSED/WITH MONITORING
Project Status:
Potential COC: NONE SPECIFIED
WDR Place Type:
Wdr File No:
Wdr Order No:
Address: 900 POTRERO GRANDE DRIVE
City: MONTEREY PARK
Zip: 91755
County: LOS ANGELES
Cuf Claim No:
CUF Priority Assig:
CUF Amount Paid:
Designated Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=L10006918184
Cleanup Status Detail: PRE-TITLE 27 CAI - CLOSED/WITH MONITORING AS OF 10/2/1984
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=L10006918184&tabname=regulatoryhistory
Potential Media of Concern: NONE SPECIFIED
User Defined Beneficial Use:
DWR GW Sub Basin:
Calwater Watershed Name: Los Angeles River - Los Angeles (412.10)
Post Closure Site Management:
Future Land Use:
Facility Type: PRE-TITLE 27 - CAI
Composting Method:
Gndwater Monitoring Frequen:
Cleanup Oversight Agencies: LOS ANGELES RWQCB (REGION 4) - CASE #: 50-071
CASE MANAGER: Wen Yang
LOS ANGELES RWQCB (REGION 4) - CASE #: 57-165
CASE MANAGER: Wen Yang
File Location: REGIONAL BOARD
Site History:

No site history available

GeoTracker Search - Cleanup Status History (as of October 16, 2023)

Status: Pre-Title 27 CAI - Closed/With Monitoring
Date: 10/2/1984

GeoTracker Search - Regulatory Activities (as of October 16, 2023)

Action Type: Other Regulatory Actions
Action: File review
Action Date: 7/29/1971
Received Issue Date: 7/29/1971
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=L10006918184&enforcement_id=6057245&temptable=ENFORCEMENT
Title Description Comment: FN 50-071 57-165_Operating Industries Inc. Landfll

GeoTracker Search - Site Maps (as of October 16, 2023)

Title: LANDFILL SITE LOCATION OVERLAY (KMZ)
Size: 484 KB
Submitted By: ENRIQUE CASAS (REGULATOR)

Submitted: 6/19/2022
Link: https://geotracker.waterboards.ca.gov/regulators/map_coverages/8882520377/Operating_Industries_Overlay.kmz

GeoTracker Search - Documents (as of October 16, 2023)

Title: FN 50-071 57-165_OPERATING INDUSTRIES INC. LANDFLL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=L10006918184&enforcement_id=6057245
Type: FILE REVIEW
Submitted:
Submitted By: ENRIQUE CASAS (REGULATOR)
Document Type: Site Documents
Document Date: 7/29/1971
Size:

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71 | **5 of15** | **SSE** | **0.49 / 2,589.95** | **372.78 / -9** | **Operating Industries, Inc.**
900 Potrero Grande Drive,
Monterey Park, CA 91754
Monterey Park CA

SWF
LA COUNTY

Site ID: 1993
Site SWIS No: 19-AA-0836
Status: Closed
Site Type: Designated Waste Landfill
Present Use: Vacant
Permitted Capacity:
Beginning Oper Dt: 1948
Ending Oper Dt: 10/1/1984
Alt Site Name: Montery Park Disposal Co.
Alt Address:
Hours of Operation:
Local Enforcement Agency: County Public Health
Site Mailing Address:
Site Website:
Waste Accepted: Inert;

Disposal Area Acre: 190
Max Depth of Fill Ft: 325
Remaining Cap Mln:
Site Contact:
Site Contact Phone:
Site Email:
District: 1

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71 | **6 of15** | **SSE** | **0.49 / 2,589.95** | **372.78 / -9** | **OPERATING INDUSTRIES INC**
900 POTRERO GRANDE DR
MONTEREY PARK CA 917557419

ENVIROSTOR

Estor/EPA ID: 80001837
Site Code:
Nat Priority List: NO
APN: 5293022006
Census Tract: 6037482800
Site Type: CORRECTIVE ACTION
Address Description: 900 POTRERO GRANDE DR
Office: CLEANUP CHATSWORTH
Special Program:
Funding:
Cleanup Status: REFER: SMBRP AS OF 6/19/2013
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

Assembly District: 49
Senate District: 25
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 34.034238
Longitude: -118.112479
Acres: 0 ACRES
Supervisor:

Status: REFER: SMBRP
Program Type: CORRECTIVE ACTION
CalEnviroScreen Score: 60-65%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=80001837

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Completed Activities

Title: PA OR CERCLA INSPECTION-CERCLA SITE INSPECTION (CA049SI)
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Assessment Report
Date Completed: 4/1/1984
Comments:

Title: PA OR CERCLA INSPECTION-NOT A PA PLUS (CA049PA)
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Assessment Report
Date Completed: 4/1/1984
Comments:

71	7 of15	SSE	0.49 / 2,589.95	372.78 / -9	NEW CURE, INC. 900 POTRERO GRANDE DR MONTEREY PARK CA 917557419	ENVIROSTOR

Estor/EPA ID: CAT080012024
Site Code:
Nat Priority List:
APN:
Census Tract: 6037482800
Site Type: UNDERGOING CLOSURE
Address Description: 900 POTRERO GRANDE DR
Office:
Special Program:
Funding:
Cleanup Status:
Cleanup Oversight Agencies:
School District:
Past Use that Caused Contam:
Potential Media Affected:
Potential Contamin of Concern:

Assembly District: 49
Senate District: 25
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: LOS ANGELES
Latitude: 34.034238
Longitude: -118.112479
Acres:
Supervisor:

Site History:

Operating Industries, Inc. (OII) is an inactive Class II landfill surrounded by residential areas on the south and west borders. From 1948 to 1952, the OII site was operated as a municipal landfill by the City of Monterey Park. In January 1952, the site became a privately owned landfill under the ownership of OII. The site was permitted by the RWQCB in 1976, to receive various nonhazardous and hazardous liquid wastes, including lead compounds, chrome oxide, pigment sludge, refinery wastes, waste water from paint manufacturing, and caustic cleaning waste. It was not until 1984 that OII stopped accepting waste. The pathways of contamination are through inhalation of land fill gases and direct contact of leachate entering the ground water. Possible receptors are the residents near the facility and the potential impact of the contaminated groundwater on drinking water supplies. The Department of Toxic Substances Control took over the site when the owner and operator failed to continue with the site closure activities. In May 1986, the landfill was listed on the NPL and EPA became the lead agency. EPA initiated a remedial investigation to define the extent of environmental problems. A hydrogeologic investigation to study the groundwater was performed in September of 1989. In May of 1989, a Partial Consent Decree was entered in the Federal Court between EPA and over 100 PRPs. The PRPs agreed to undertake the site control and monitoring, and construct a leachate treatment system, as well as conducting several site improvements. Site work pursuant to the Consent Decree began in November 1989, when daily operation, including operation and maintenance/monitoring of the existing gas and leachate control system, and erosion and drainage control were assumed by the settling PRPs'.

Status: UNDERGOING CLOSURE
Program Type: HAZ WASTE
CalEnviroScreen Score: 60-65%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_profile_report?global_id=CAT080012024

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Permit Units - Completed Activities

Date: 11/19/1980
Event Description: NEW OPERATING PERMIT - APPLICATION PART A RECEIVED
Unit: LANDFIL1
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAT080012024&link_key=12961&document_category=INITIAL+PART+A+RECEIVED&event_description=New+Operating+Permit+%2D+APPLICATION+PART+A+RECEIVED+&mytype=pa
Unit Link:

Date: 6/30/1983
Event Description: NEW OPERATING PERMIT - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Unit: LANDFIL1
Doc Link:
Unit Link:

Date: 5/20/1986
Event Description: NEW OPERATING PERMIT - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Unit: LANDFIL1
Doc Link:
Unit Link:

Units Undergoing Closure

Date: 6/30/1983
Event Description: CLOSURE - CLOSURE PLAN RECEIVED
Unit: LANDFIL1
Doc Link:

Date: 2/17/1984
Event Description: CLOSURE - CLOSURE PLAN APPROVED
Unit: LANDFIL1
Doc Link:

Date: 3/12/1984
Event Description: CLOSURE - 1ST NOTICE OF DEFICIENCY ISSUED
Unit: LANDFIL1
Doc Link:

Date: 8/3/1983
Event Description: REFERRED FOR CLOSURE TO OTHER AGENCY - REFERRED FOR CLOSURE TO OTHER AGENCY
Unit: LANDFIL1
Doc Link:

71	8 of15	SSE	0.49 / 2,589.95	372.78 / -9	**NEW CURE, INC.** **900 POTRERO GRANDE DR** **MONTEREY PARK CA 917557419**	HWP

Estor/EPA ID: CAT080012024
Nat Priority List:
Census Tract: 6037482800
Permit Renewl Lead:
Project Manager:
Site Code:
Cleanup Status:
Cleanup Oversight Agencies:
Assembly District: 49
Senate District: 25
School District:
Office:
Public Participatn Spclst:
Special Program:
Funding:
Site Type: UNDERGOING CLOSURE
APN:
Past Use that Caused Contam:
Potential Media Affected:

Acres:
Supervisor:
County: LOS ANGELES
Latitude: 34.034238
Longitude: -118.112479

Site History:

Operating Industries, Inc. (OII) is an inactive Class II landfill surrounded by residential areas on the south and west borders. From 1948 to 1952, the OII site was operated as a municipal landfill by the City of Monterey Park. In January 1952, the site became a privately owned landfill under the ownership of OII. The site was permitted by the RWQCB in 1976, to receive various nonhazardous and hazardous liquid wastes, including lead compounds, chrome oxide, pigment sludge, refinery wastes, waste water from paint manufacturing, and caustic cleaning waste. It was not until 1984 that OII stopped accepting waste. The pathways of contamination are through inhalation of land fill gases and direct contact of leachate entering the ground water. Possible receptors are the residents near the facility and the potential impact of the contaminated groundwater on drinking water supplies. The Department of Toxic Substances Control took over the site when the owner and operator failed to continue with the site closure activities. In May 1986, the landfill was listed on the NPL and EPA became the lead agency. EPA initiated a remedial investigation to define the extent of environmental problems. A hydrogeologic investigation to study the groundwater was performed in September of 1989. In May of 1989, a Partial Consent Decree was entered in the Federal Court between EPA and over 100 PRPs. The PRPs agreed to undertake the site control and monitoring, and construct a leachate treatment system, as well as conducting several site improvements. Site work pursuant to the Consent Decree began in November 1989, when daily operation, including operation and maintenance/monitoring of the existing gas and leachate control system, and erosion and drainage control were assumed by the settling PRPs'.

Potential Contaminants of Concern:

Status: UNDERGOING CLOSURE
Program Type: HAZ WASTE
CalEnviroScreen Score: 60-65%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_profile_report?global_id=CAT080012024

Permit Units - Completed Activities

Event Description: NEW OPERATING PERMIT - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Date: 5/20/1986
Unit: LANDFIL1
Doc Link:
Unit Link:

Event Description: NEW OPERATING PERMIT - APPLICATION PART A RECEIVED
Date: 11/19/1980
Unit: LANDFIL1
Doc Link: https://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents?global_id=CAT080012024&link_key=12961&document_category=INITIAL+PART+A+RECEIVED&event_description=New+Operating+Permit+%2D+APPLICATION+PART+A+RECEIVED+&mytype=pa
Unit Link:

Event Description: NEW OPERATING PERMIT - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Date: 6/30/1983
Unit: LANDFIL1
Doc Link:
Unit Link:

Units Undergoing Closure

Event Description: REFERRED FOR CLOSURE TO OTHER AGENCY - REFERRED FOR CLOSURE TO OTHER AGENCY
Date: 8/3/1983
Unit: LANDFIL1
Doc Link:

Event Description: CLOSURE - 1ST NOTICE OF DEFICIENCY ISSUED
Date: 3/12/1984
Unit: LANDFIL1
Doc Link:

Event Description: CLOSURE - CLOSURE PLAN APPROVED
Date: 2/17/1984
Unit: LANDFIL1
Doc Link:

Event Description: CLOSURE - CLOSURE PLAN RECEIVED
Date: 6/30/1983
Unit: LANDFIL1
Doc Link:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
71	9 of15	SSE	0.49 / 2,589.95	372.78 / -9	OPERATING INDUSTRIES 900 POTRERO GRANDE DR MONTEREY PARK CA 91755	SEMS

EPA ID:	CAT080012024	**Pgm Sys ID:**	CAT080012024
Primary Nm (MAP):	OPERATING INDUSTRIES	**Loc Addr (MAP):**	900 POTRERO GRANDE DR
City Name:	MONTEREY PARK	**Postal Code:**	91755
Site Name:	OPERATING INDUSTRIES, INC., LANDFILL	**County Name:**	LOS ANGELES
Street Address:	900 N POTRERO GRANDE DR	**Latitude83:**	34.033333
Street Address 2:		**Longitude83:**	-118.105556
City:	MONTEREY PARK	**PGM SYS ID(CalOES):**	CAT080012024
State:	CA	**Name(CalOES):**	OPERATING INDUSTRIES
Zip:	91754	**Loc Addr(CalOES):**	900 POTRERO GRANDE DR
County:	LOS ANGELES	**City(CalOES):**	MONTEREY PARK
Latitude:	34.033333	**Postal(CalOES):**	91755
Longitude:	-118.105556	**County(CalOES):**	LOS ANGELES
Latitude83(CalOES):	34.033333	**Longitude83(CalOES):**	-118.105556

Data Source: EPA Superfund Data and Reports Active Site Inventory (List 8R Active);EPA FRS Interests Map - SEMS;CalOES EPA RCRA TSDF Map - SEMS

Site Level Information

Site ID:	0902673	**Superfund Alt Agmt:**	No
NPL:	Currently on the Final NPL	**FIPS Code:**	06037
Federal Facility:	No	**Cong District:**	34,31,27
FF Docket:	No	**Region:**	09
Non NPL Status:			

Action Information

Operable Units:	03	**Start Actual:**	9/30/1988 4:00:00 AM
Action Code:	RO	**Finish Actual:**	9/30/1988 4:00:00 AM
Action Name:	ROD	**Qual:**	
SEQ:	3	**Curr Action Lead:**	EPA Perf
Operable Units:	04	**Start Actual:**	5/10/1997 4:00:00 AM
Action Code:	OM	**Finish Actual:**	
Action Name:	OM	**Qual:**	
SEQ:	4	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	04	**Start Actual:**	7/31/1987 4:00:00 AM
Action Code:	RO	**Finish Actual:**	7/31/1987 4:00:00 AM
Action Name:	ROD	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	7/19/1988 4:00:00 AM
Action Code:	AR	**Finish Actual:**	
Action Name:	ADMIN REC	**Qual:**	E
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	7/1/1989 4:00:00 AM
Action Code:	AR	**Finish Actual:**	7/1/1989 4:00:00 AM
Action Name:	ADMIN REC	**Qual:**	V
SEQ:	2	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	8/24/2000 4:00:00 AM
Action Code:	AR	**Finish Actual:**	
Action Name:	ADMIN REC	**Qual:**	
SEQ:	3	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	1/25/2000 5:00:00 AM
Action Code:	FE	**Finish Actual:**	2/18/2000 5:00:00 AM
Action Name:	5 YEAR	**Qual:**	
SEQ:	3	**Curr Action Lead:**	EPA Perf

Operable Units:	00	**Start Actual:**	12/31/2004 5:00:00 AM
Action Code:	FE	**Finish Actual:**	9/28/2005 4:00:00 AM
Action Name:	5 YEAR	**Qual:**	
SEQ:	4	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	1/4/2010 5:00:00 AM
Action Code:	FE	**Finish Actual:**	9/27/2010 4:00:00 AM
Action Name:	5 YEAR	**Qual:**	
SEQ:	5	**Curr Action Lead:**	EPA Perf
Operable Units:	01	**Start Actual:**	9/15/1989 4:00:00 AM
Action Code:	CO	**Finish Actual:**	9/30/1996 4:00:00 AM
Action Name:	RI/FS	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	02	**Start Actual:**	9/29/1995 4:00:00 AM
Action Code:	OM	**Finish Actual:**	
Action Name:	OM	**Qual:**	
SEQ:	2	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	02	**Start Actual:**	7/18/1991 4:00:00 AM
Action Code:	BF	**Finish Actual:**	9/29/1995 4:00:00 AM
Action Name:	PRP RA	**Qual:**	
SEQ:	2	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	03	**Start Actual:**	5/28/1998 4:00:00 AM
Action Code:	BF	**Finish Actual:**	9/24/2002 4:00:00 AM
Action Name:	PRP RA	**Qual:**	FR
SEQ:	3	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	00	**Start Actual:**	9/11/2012 5:00:00 AM
Action Code:	CM	**Finish Actual:**	9/11/2012 5:00:00 AM
Action Name:	PCOR	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	1/1/1984 5:00:00 AM
Action Code:	SI	**Finish Actual:**	4/1/1984 6:00:00 AM
Action Name:	SI	**Qual:**	H
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	4/30/1989 4:00:00 AM
Action Code:	MA	**Finish Actual:**	8/7/2020 5:00:00 AM
Action Name:	ST COOP	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	9/24/1984 5:00:00 AM
Action Code:	FP	**Finish Actual:**	10/10/1985 5:00:00 AM
Action Name:	FPA	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	10/8/1985 5:00:00 AM
Action Code:	RV	**Finish Actual:**	8/1/1987 4:00:00 AM
Action Name:	RMVL	**Qual:**	S
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	12/30/1992 5:00:00 AM
Action Code:	RS	**Finish Actual:**	12/30/1992 5:00:00 AM
Action Name:	RV ASSESS	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	4/1/1984 6:00:00 AM
Action Code:	PA	**Finish Actual:**	4/1/1984 6:00:00 AM
Action Name:	PA	**Qual:**	H
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	02	**Start Actual:**	3/19/1985 6:00:00 AM
Action Code:	FS	**Finish Actual:**	11/16/1987 5:00:00 AM
Action Name:	FS	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf

Operable Units:	02	**Start Actual:**	11/16/1987 5:00:00 AM
Action Code:	RO	**Finish Actual:**	11/16/1987 5:00:00 AM
Action Name:	ROD	**Qual:**	
SEQ:	2	**Curr Action Lead:**	EPA Perf
Operable Units:	03	**Start Actual:**	9/24/1999 4:00:00 AM
Action Code:	BF	**Finish Actual:**	9/24/2002 4:00:00 AM
Action Name:	PRP RA	**Qual:**	FR
SEQ:	5	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	00	**Start Actual:**	1/15/1985 6:00:00 AM
Action Code:	CR	**Finish Actual:**	
Action Name:	CI	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	10/31/2019 5:00:00 AM
Action Code:	FM	**Finish Actual:**	
Action Name:	FPA/MA	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	10/2/2019 5:00:00 AM
Action Code:	FE	**Finish Actual:**	9/24/2020 5:00:00 AM
Action Name:	5 YEAR	**Qual:**	
SEQ:	7	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	10/1/1986 4:00:00 AM
Action Code:	RV	**Finish Actual:**	4/10/1987 4:00:00 AM
Action Name:	RMVL	**Qual:**	C
SEQ:	2	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	4/1/1984 6:00:00 AM
Action Code:	HR	**Finish Actual:**	4/1/1984 6:00:00 AM
Action Name:	HAZRANK	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	01	**Start Actual:**	5/8/2002 4:00:00 AM
Action Code:	BF	**Finish Actual:**	9/29/2003 4:00:00 AM
Action Name:	PRP RA	**Qual:**	IR
SEQ:	4	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	03	**Start Actual:**	9/17/1991 4:00:00 AM
Action Code:	BE	**Finish Actual:**	9/24/1999 4:00:00 AM
Action Name:	PRP RD	**Qual:**	
SEQ:	5	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	04	**Start Actual:**	5/11/1989 4:00:00 AM
Action Code:	BE	**Finish Actual:**	1/4/1991 5:00:00 AM
Action Name:	PRP RD	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	00	**Start Actual:**	2/15/1987 5:00:00 AM
Action Code:	RV	**Finish Actual:**	8/1/1987 4:00:00 AM
Action Name:	RMVL	**Qual:**	S
SEQ:	3	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	11/23/1992 5:00:00 AM
Action Code:	RV	**Finish Actual:**	3/15/2002 5:00:00 AM
Action Name:	RMVL	**Qual:**	C
SEQ:	4	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	6/10/1986 4:00:00 AM
Action Code:	NF	**Finish Actual:**	6/10/1986 4:00:00 AM
Action Name:	NPL FINL	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	12/31/1985 6:00:00 AM
Action Code:	TA	**Finish Actual:**	9/30/1987 4:00:00 AM
Action Name:	TECH ASSIST	**Qual:**	

SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	12/31/1985 6:00:00 AM
Action Code:	TA	**Finish Actual:**	8/7/2020 5:00:00 AM
Action Name:	TECH ASSIST	**Qual:**	
SEQ:	2	**Curr Action Lead:**	EPA Perf
Operable Units:	01	**Start Actual:**	4/10/1986 5:00:00 AM
Action Code:	RI	**Finish Actual:**	3/30/1990 5:00:00 AM
Action Name:	RI	**Qual:**	
SEQ:	2	**Curr Action Lead:**	EPA Perf
Operable Units:	02	**Start Actual:**	5/11/1989 4:00:00 AM
Action Code:	BE	**Finish Actual:**	7/18/1991 4:00:00 AM
Action Name:	PRP RD	**Qual:**	
SEQ:	2	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	03	**Start Actual:**	7/24/2006 4:00:00 AM
Action Code:	BF	**Finish Actual:**	9/22/2010 4:00:00 AM
Action Name:	PRP RA	**Qual:**	FR
SEQ:	6	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	03	**Start Actual:**	4/27/2004 4:00:00 AM
Action Code:	BE	**Finish Actual:**	7/24/2006 4:00:00 AM
Action Name:	PRP RD	**Qual:**	
SEQ:	6	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	04	**Start Actual:**	3/26/1987 5:00:00 AM
Action Code:	FS	**Finish Actual:**	7/31/1987 4:00:00 AM
Action Name:	FS	**Qual:**	
SEQ:	2	**Curr Action Lead:**	EPA Perf
Operable Units:	04	**Start Actual:**	9/21/1987 4:00:00 AM
Action Code:	RA	**Finish Actual:**	5/11/1989 4:00:00 AM
Action Name:	RA	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	2/9/1995 5:00:00 AM
Action Code:	FE	**Finish Actual:**	6/21/1995 4:00:00 AM
Action Name:	5 YEAR	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	11/1/1979 5:00:00 AM
Action Code:	DS	**Finish Actual:**	11/1/1979 5:00:00 AM
Action Name:	DISCVRY	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	01	**Start Actual:**	6/28/1985 5:00:00 AM
Action Code:	RI	**Finish Actual:**	4/1/1986 5:00:00 AM
Action Name:	RI	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	01	**Start Actual:**	9/30/2007 4:00:00 AM
Action Code:	OF	**Finish Actual:**	12/24/2013 5:00:00 AM
Action Name:	O AND F	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	01	**Start Actual:**	9/30/1996 4:00:00 AM
Action Code:	RO	**Finish Actual:**	9/30/1996 4:00:00 AM
Action Name:	ROD	**Qual:**	R
SEQ:	4	**Curr Action Lead:**	EPA Perf
Operable Units:	03	**Start Actual:**	8/5/2005 4:00:00 AM
Action Code:	OM	**Finish Actual:**	
Action Name:	OM	**Qual:**	
SEQ:	3	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	00	**Start Actual:**	9/23/2014 5:00:00 AM
Action Code:	FE	**Finish Actual:**	9/25/2015 5:00:00 AM

Action Name:	5 YEAR	**Qual:**	
SEQ:	6	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	9/6/1990 4:00:00 AM
Action Code:	RS	**Finish Actual:**	9/6/1990 4:00:00 AM
Action Name:	RV ASSESS	**Qual:**	
SEQ:	2	**Curr Action Lead:**	EPA Perf
Operable Units:	01	**Start Actual:**	12/24/2013 5:00:00 AM
Action Code:	OM	**Finish Actual:**	
Action Name:	OM	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	03	**Start Actual:**	9/22/1987 4:00:00 AM
Action Code:	FS	**Finish Actual:**	9/30/1988 4:00:00 AM
Action Name:	FS	**Qual:**	
SEQ:	3	**Curr Action Lead:**	EPA Perf
Operable Units:	03	**Start Actual:**	4/1/1992 5:00:00 AM
Action Code:	BE	**Finish Actual:**	5/28/1998 4:00:00 AM
Action Name:	PRP RD	**Qual:**	
SEQ:	3	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	00	**Start Actual:**	10/15/1984 5:00:00 AM
Action Code:	NP	**Finish Actual:**	10/15/1984 5:00:00 AM
Action Name:	PROPOSED	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	01	**Start Actual:**	9/28/2001 4:00:00 AM
Action Code:	BE	**Finish Actual:**	5/8/2002 4:00:00 AM
Action Name:	PRP RD	**Qual:**	
SEQ:	4	**Curr Action Lead:**	EPA Ovrsght
Operable Units:	01	**Start Actual:**	2/3/1986 5:00:00 AM
Action Code:	DA	**Finish Actual:**	9/30/1987 4:00:00 AM
Action Name:	Pre-Dsgn Ast	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	04	**Start Actual:**	5/11/1989 4:00:00 AM
Action Code:	BF	**Finish Actual:**	5/10/1997 4:00:00 AM
Action Name:	PRP RA	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Ovrsght

GIS Information

Registry ID:	110033606355	**Pgm Sys Acrnm:**	SEMS
Active Status:	CURRENTLY ON THE FINAL NPL	**Accuracy Value:**	
Key Field:	SEMSCAT080012024	**HUC8 Code:**	18070105
Interest Type:	SUPERFUND NPL	**HUC 12:**	
Fed Agency Name:		**Public Ind:**	Y
Fed Facility Code:		**Pgm Report:**	no data yet
Federal Land Ind:		**X:**	-118.10555599999998
EPA Region Code:	09	**Y:**	34.03333300000003
Fips Code:	06037		
Collect Mth Desc:			
Ref Point Desc:			
Fac Url:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110033606355		
Program Url:	http://www.epa.gov/superfund/action/law/cercla.htm		
Pgm Report Url:	no data yet		

CalOES EPA RCRA TSDF - SEMS

Registry ID:	110033606355	**HUC 12:**	
Interest Type:	SUPERFUND NPL	**Collect Mth Desc:**	
Active Status:	CURRENTLY ON THE FINAL NPL	**Accuracy Value:**	
Pgm Sys Acrnm:	SEMS	**Ref Point Desc:**	
Federal Agency Nm:		**EPA Region Code:**	09

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Federal Land Ind:		**Key Field:**	SEMSCAT080012024
Fed Facility Cd:		**Create Dt:**	10/26/2021
Public Ind:	Y	**Update Dt:**	11/24/2021
FIPS Code:	06037	**Last Reported Dt:**	
HUC8 Code:	18070105		

Pgm Report Url: no data yet
Program URL: http://www.epa.gov/superfund/action/law/cercla.htm
Fac Url: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110033606355

71	10 of15	SSE	0.49 / 2,589.95	372.78 / -9	**OPERATING INDUSTRIES, INC. LANDFILL** **900 POTRERO GRANDE DR** **MONTEREY PARK CA 91755**	**HWSS CLEANUP**

Estor/EPA ID:	19490207	**Census Tract:**	6037482800
Site Code:	300110, 300284, 300604	**Funding:**	RESPONSIBLE PARTY
Status Date:	8/2/2012	**Office:**	CLEANUP CYPRESS
Nat Priority List:	YES	**Permit Renew Lead:**	
Program Type:	FEDERAL SUPERFUND - LISTED	**Public Particip Spec:**	
Cal Enviro Score:	60-65%	**Project Manager:**	LAURA RADKE
Acres:	190 ACRES	**Supervisor:**	EMAD YEMUT
Assembly District:	49	**County:**	LOS ANGELES
Senate District:	25	**Latitude:**	34.0364975148075
School District:		**Longitude:**	-118.104014396667

APN: 5275002002, 5275002808, 5275002809, 5275003002, 5275003016, 5275003800, 5293022001, 5293022005, 5293022006
Status: CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
Cleanup Status: CERTIFIED / OPERATION & MAINTENANCE AS OF 8/2/2012
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM;US EPA - LEAD AGENCY
Site Type: STATE RESPONSE OR NPL
Special Program: EPA - MULTI-SITE COOPERATIVE AGREEMENT
Cause of Contamination: LANDFILL - CONSTRUCTION, LANDFILL - DOMESTIC, LANDFILL - HAZARDOUS WASTE
Potential Media Affected: INDOOR AIR, OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL, SOIL VAPOR
Summary URL: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19490207
Press Contact:
Potential Contaminants Of Conc:

1,1,1-TRICHLOROETHANE (TCA)
TETRACHLOROETHYLENE (PCE)
TRICHLOROETHYLENE (TCE)
VINYL CHLORIDE

Site History:

Operating Industries, Inc. (OII) is an inactive Class II landfill surrounded by residential areas on the south and west borders. From 1948 to 1952, the OII site was operated as a municipal landfill by the City of Monterey Park. In January 1952, the site became a privately owned landfill under the ownership of OII. The site was permitted by the RWQCB in 1976, to receive various nonhazardous and hazardous liquid wastes, including lead compounds, chrome oxide, pigment sludge, refinery wastes, waste water from paint manufacturing, and caustic cleaning waste. It was not until 1984 that OII stopped accepting waste. The pathways of contamination are through inhalation of land fill gases and direct contact of leachate entering the ground water. Possible receptors are the residents near the facility and the potential impact of the contaminated groundwater on drinking water supplies. The Department took over the site when the owner and operator failed to continue with the site closure activities. In May 1986, the landfill was listed on the NPL and EPA became the lead agency. EPA initiated a remedial investigation to define the extent of environmental problems. A hydrogeologic investigation to study the groundwater was performed in September of 1989. In May of 1989, a Partial Consent Decree was entered in the Federal Court between EPA and over 100 PRPs. The PRPs agreed to undertake the site control and monitoring, and construct a leachate treatment system, as well as conducting several site improvements. Site work pursuant to the Consent Decree began in November 1989, when daily operation, including operation and maintenance/monitoring of the existing gas and leachate control system, and erosion and drainage control were assumed by the settling PRPs'.

Future Activities

Area Name:
Area Name URL:
Sub Area:
Sub Area URL:
Document Type: Certification
Activity Type: Future Activities
Due Date: 2031

Completed Activities

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: TDF Performance Test Debrief
Title URL:
Document Type: Meeting
Activity Type: Completed Activities
Date Completed: 3/3/2023
Comments: Debrief call to discuss stack testing observations, directives, lessons learned with B. Stanphill (DTSC), H. Sanchez (USACE), E. Canteenwala (EPA), D. Towell and L. Sullivan (Jacobs).

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Annual Cost Estimate Letter_FY 2021-2022
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60508225
Document Type: Annual Oversight Cost Estimate
Activity Type: Completed Activities
Date Completed: 9/10/2021
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2019-07-22-Operating Industries-CD-8 Monthly Progress Report for April-June 2019
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60464276
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 7/22/2019
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018 Annual Groundwater Monitoring and Evaluation Report
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60464307
Document Type: Monitoring Report
Activity Type: Completed Activities
Date Completed: 5/29/2019
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018-10-18-Operating Industries-CD-8 Monthly Progress Report for August 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460427
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 10/18/2018
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: OII North Parcel Redevelopment - Methane Mitigation Plan
Title URL:
Document Type: Technical Workplan
Activity Type: Completed Activities
Date Completed: 7/1/2015

Comments: Comments received and sent to proponent on methane mitigation plan

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2014-07-02-Operating Industries-Covenant to Restrict Use of Property
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60474982
Document Type: Land Use Restriction
Activity Type: Completed Activities
Date Completed: 7/2/2014
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Order
Title URL:
Document Type: Consent Order
Activity Type: Completed Activities
Date Completed: 5/8/2002
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Remedial Action Completion or Implementation
Title URL:
Document Type: Remedy Constructed: Operating Properly & Successfully
Activity Type: Completed Activities
Date Completed: 4/21/2000
Comments: Final cover for the entire South Parcel is completed.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Remedial or Removal Design
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=5007960
Document Type: Design/Implementation Workplan
Activity Type: Completed Activities
Date Completed: 7/23/1997
Comments: 30% Design - Final Cover -- The final cap will consist of a four foot thick monocover with a native vegetative cover. The existing cap will act as a foundation for the monocover.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Fourth Partial Consent Decree
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=5007968
Document Type: Consent Decree
Activity Type: Completed Activities
Date Completed: 11/18/1994
Comments: The leachate treatment plant (included as Leachate Manage ment Operable Unit) is built on the north parcel of the site and consists of influent storage and equalization, biological reactors, chemical precipitation, sand filtration carbon absorption, effluent storage and discharge, foul air system, storm water holding system and sludge disposal system. The plant started operation on September 13, 1994 and the first discharge into the sewer system occurred on November 9, 1994.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2013 NPCovenant
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60475757
Document Type: Land Use Restriction

Activity Type: Completed Activities
Date Completed: 4/26/2013
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Operating Industries Eighth Consent Decree
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393906
Document Type: Consent Decree
Activity Type: Completed Activities
Date Completed: 9/24/2001
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Remedial or Removal Design
Title URL:
Document Type: Design/Implementation Workplan
Activity Type: Completed Activities
Date Completed: 9/24/1999
Comments: Approval of the Final Design for the Landfill Gas Treatment System (LFGTS).

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Order
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=5007966
Document Type: Consent Order
Activity Type: Completed Activities
Date Completed: 2/2/1996
Comments: The Fifth Partial Consent Degree (CD5) is negotiatied by EPA and the State with a group of potentially responsible parties (PRPs), composed of prior nonsettlers and recently noticed major parties.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Remedial Action Plan
Title URL:
Document Type: Remedial Action Plan
Activity Type: Completed Activities
Date Completed: 9/28/1990
Comments: The amended Gas Migration Control ROD at the site addresses the landfill gas (LFG) migration control and landfill cover. The major component of this amendment is the addition of landfill cover to the previously selected gas migration control remedy. The major components of the Gas Migration Control ROD include: 1) landfill cover designed to reduce surface gas emissions and odors, prevent oxygen intrusion into the refuse, prevent surface water infiltration, provide erosion control, and improve site aesthetics; perimeter LFG extraction wells with placement focused on minimizing off site LFG migration; LFG extraction wells on the top deck of the landfill with placement focused on maximizing source control of LFG; shallow and deep slope wells with placement focused on reducing surface emissions and controlling intermediate to deep subsurface migration at the perimeter; integrated above-grade LFG headers and condensate sumps; LFG monitoring wells at the site boundary; upgraded thermal destruction facility for landfill gas; and pumps in appropriate gas wells with above-grade collection sumps to dewater saturated zones. The amended gas control remedial action will be integrated with the two additional operable units, Site Control and Monitoring, and Leachate Management, now being implemented.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: OII Partial Consent Decree
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393934
Document Type: Consent Decree
Activity Type: Completed Activities
Date Completed: 11/4/1988

Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2016-02-18-OII North Parcel Redevelopment Memo
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60451968
Document Type: Correspondence
Activity Type: Completed Activities
Date Completed: 2/18/2016
Comments: HISTORICAL

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Fifth Five-Year Review Report For Operating Industries, Inc. Landfill Superfund Site
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60442205
Document Type: Five-Year Review Reports
Activity Type: Completed Activities
Date Completed: 9/23/2015
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Operating Industries 5 Year Review Report
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60253202
Document Type: Five-Year Review Reports
Activity Type: Completed Activities
Date Completed: 11/30/2010
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: OII Consent Agreement and Final Order
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393933
Document Type: Consent Agreement
Activity Type: Completed Activities
Date Completed: 8/3/1983
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Project Management Tasks
Title URL:
Document Type: Project Management
Activity Type: Completed Activities
Date Completed: 6/30/2022
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2020-07-27-Operating Industries-CD-8 Monthly Progress Report for April, May, June 2020
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60486681
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 7/27/2020
Comments:

Area Name:

Area URL:
Sub Area:
Sub Area URL:
Title: 2020-07-07-Operating Industries-OII Landfill Integrated Surface Gas Emission 1st Event
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60486683
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 7/7/2020
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Correspondence from City of Monterey Park
Title URL:
Document Type: Correspondence
Activity Type: Completed Activities
Date Completed: 7/6/2020
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Coronavirus Critical Work Determination for OII OMM
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60477040
Document Type: Correspondence
Activity Type: Completed Activities
Date Completed: 3/24/2020
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Annual Cost Estimate Letter_FY 2018-2019
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60452712
Document Type: Annual Oversight Cost Estimate
Activity Type: Completed Activities
Date Completed: 10/2/2018
Comments: COMPLETED 10/02/2018

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Annual Cost Estimate Letter_FY 2022-2023
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60527296
Document Type: Annual Oversight Cost Estimate
Activity Type: Completed Activities
Date Completed: 9/6/2022
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Site Visit with EPA
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60531086
Document Type: Meeting
Activity Type: Completed Activities
Date Completed: 9/15/2022
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:

Title: 2021 Annual Groundwater Monitoring and Evaluation Report
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60508230
Document Type: Monitoring Report
Activity Type: Completed Activities
Date Completed: 6/3/2022
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Design Report
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60496557
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 4/21/2021
Comments: EPA approved the 100% Design Document.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Five-Year Review Report For Operating Industries, Inc. Landfill Superfund Site
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60468667
Document Type: Five-Year Review Reports
Activity Type: Completed Activities
Date Completed: 11/2/2020
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: SCE Soil Stockpile Support Letters
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60483101
Document Type: Correspondence
Activity Type: Completed Activities
Date Completed: 7/7/2020
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2019-01-17-Operating Industries-CD-8 Monthly Progress Report for December 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460405
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 1/17/2019
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: South Parcel and North Parcel Survey
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460435
Document Type: Monitoring Report
Activity Type: Completed Activities
Date Completed: 1/7/2019
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018-10-18-Operating Industries-CD-8 Monthly Progress Report for July 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460425
Document Type: Other Report

Activity Type: Completed Activities
Date Completed: 10/18/2018
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018-07-19-Operating Industries-CD-8 Monthly Progress Report for May 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451975
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 7/19/2018
Comments: COMPLETED

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Order
Title URL:
Document Type: Consent Order
Activity Type: Completed Activities
Date Completed: 7/10/1997
Comments: The sixth partial Consent Decree requires GSF Energy (Air Products) to pay cleanup costs. DTSC can request reimbursement of unpaid past costs and future response costs.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Removal Action Completion Report
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=5007967
Document Type: Removal Action Completion Report
Activity Type: Completed Activities
Date Completed: 11/30/1994
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Operating Industries Third Partial Consent Decree
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393775
Document Type: Consent Decree
Activity Type: Completed Activities
Date Completed: 3/30/1992
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Five-Year Review Site Inspection
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60476879
Document Type: Land Use Restriction - Site Inspection/Visit
Activity Type: Completed Activities
Date Completed: 1/16/2020
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018-07-19-Operating Industries-CD-8 Monthly Progress Report for June 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451973
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 7/19/2018

Comments: COMPLETED

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Onsite Stack Testing Oversight
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60538277
Document Type: Fieldwork
Activity Type: Completed Activities
Date Completed: 2/21/2023
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Soil Import Workplan
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60479935
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 11/2/2020
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2019-01-17-Operating Industries-CD-8 Monthly Progress Report for November 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460403
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 1/17/2019
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018-09-13-Operating Industries-OII Landfill Leachate Treatment Plant Effluent Flow Measurement System Calibration Report
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451979
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 9/13/2018
Comments: COMPLETED

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Meeting to Discuss TDF Performance Testing
Title URL:
Document Type: Meeting
Activity Type: Completed Activities
Date Completed: 2/1/2023
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018-06-19-Operating Industries-OII Landfill Integrated Surface Gas Emission 1st Event
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451977
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 6/19/2018
Comments: COMPLETED

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Site Inspection
Title URL:
Document Type: Fieldwork
Activity Type: Completed Activities
Date Completed: 10/24/2019
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2019-04-23-Operating Industries-CD-8 Monthly Progress Report for January-March 2019
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460399
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 4/23/2019
Comments: COMPLETED

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018-10-18-Operating Industries-CD-8 Monthly Progress Report for September 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460429
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 10/18/2018
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018-07-19-Operating Industries-CD-8 Monthly Progress Report for April 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451969
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 7/19/2018
Comments: COMPLETED

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2020 Annual Groundwater Monitoring and Evaluation Report
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60509553
Document Type: Monitoring Report
Activity Type: Completed Activities
Date Completed: 1/24/2022
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2019-01-17-Operating Industries-CD-8 Monthly Progress Report for October 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460401
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 1/17/2019
Comments:

Area Name:
Area URL:
Sub Area:

Sub Area URL:
Title: 2018-04-19-Operating Industries-CD-8 Monthly Progress Report for February 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460447
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 4/19/2018
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2018-04-19-Operating Industries-CD-8 Monthly Progress Report for March 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460449
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 4/19/2018
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: OII North Parcel 30% Remedial Design
Title URL:
Document Type: Remedial Design - Preliminary/Intermediate
Activity Type: Completed Activities
Date Completed: 11/28/2005
Comments: OII North Parcel 30% Remedial Design completed

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Remedial Action Completion or Implementation
Title URL:
Document Type: Remedy Constructed: Operating Properly & Successfully
Activity Type: Completed Activities
Date Completed: 9/28/2000
Comments: Landfill Gas Treatment system began operations replacing the flares. The LFGTS is capable of 99.99% Destruction & Removal Efficiency (DRE).

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Remedial or Removal Design
Title URL:
Document Type: Design/Implementation Workplan
Activity Type: Completed Activities
Date Completed: 3/9/1998
Comments: This design plan approves the capping of the landfill with an additional four feet of monocover using the existing cap as a two foot foundation layer. The cap design also includes the establishment of native vegetation for monocover performance as well as aesthetics.

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: 2019-04-19-Operating Industries-CD-8 Monthly Progress Report for January 2018
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460445
Document Type: Other Report
Activity Type: Completed Activities
Date Completed: 4/19/2018
Comments:

Area Name:
Area URL:
Sub Area:

Sub Area URL:
Title: 2017 Annual Groundwater Monitoring and Evaluation Report
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60464286
Document Type: Monitoring Report
Activity Type: Completed Activities
Date Completed: 4/11/2018
Comments:

Area Name:
Area URL:
Sub Area:
Sub Area URL:
Title: Remedial Action Plan
Title URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=5007961
Document Type: Remedial Action Plan
Activity Type: Completed Activities
Date Completed: 9/30/1996
Comments:

Land Use Restrictions

Area:
Sub Area:
Title/Description: 2014-07-02-Operating Industries-Covenant to Restrict Use of Property
Title/Description URL: https://www.envirostor.dtsc.ca.gov/public/view_document?docurl=/public/deliverable_documents/3079762339/2014%2D07%2D02%2DOperating%20Industries%2DCovenant%20to%20Restrict%20Use%20of%20Property%5FOII%20and%20SCE%2Epdf
Site Management Req: NONE SPECIFIED
Date Recorded: 7/2/2014

Area:
Sub Area:
Title/Description: 2013 NPCovenant
Title/Description URL: https://www.envirostor.dtsc.ca.gov/public/final_documents2?cmd=radocuments&global_id=19490207&enforcement_id=60475757
Site Management Req: NONE SPECIFIED
Date Recorded: 4/26/2013

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
71	11 of15	SSE	0.49 / 2,589.95	372.78 / -9	**OPERATING INDUSTRIES, INC.** **MONTEREY PARK CA**	SWRCB SWF

Wst Disch Syst No: 4B190332001-01
Solid Waste ID No: 19-AM-0001
Wst Mng Unit Nm: OPERATING INDUSTRIES LANDFILL
Agency Name: OPERATING INDUSTRIES, INC.
County: LOS ANGELES
Region: 4
SWAT R: 1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
71	12 of15	SSE	0.49 / 2,589.95	372.78 / -9	**OPERATING INDUSTRIES, INC. LANDFILL** **900 POTRERO GRANDE DR** **MONTEREY PARK CA 91755**	ENVIROSTOR

Estor/EPA ID: 19490207
Site Code: 300110, 300284, 300604
Nat Priority List: YES
APN: 5275002002, 5275002808, 5275002809, 5275003002, 5275003016, 5275003800, 5293022001, 5293022005, 5293022006
Census Tract: 6037482800
Site Type: STATE RESPONSE OR NPL
Address Description: 900 POTRERO GRANDE DR
Office: CLEANUP CYPRESS
Special Program: EPA - MULTI-SITE COOPERATIVE AGREEMENT
Funding: RESPONSIBLE PARTY
Assembly District: 49
Senate District: 25
Permit Renewal Lead:
Public Partici Spclst:
Project Manager: LAURA RADKE
County: LOS ANGELES
Latitude: 34.0364975148075
Longitude: -118.104014396667
Acres: 190 ACRES
Supervisor: EMAD YEMUT

Cleanup Status: CERTIFIED / OPERATION & MAINTENANCE AS OF 8/2/2012
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM;US EPA - LEAD AGENCY
School District:
Past Use that Caused Contam: LANDFILL - CONSTRUCTION, LANDFILL - DOMESTIC, LANDFILL - HAZARDOUS WASTE
Potential Media Affected: INDOOR AIR, OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL, SOIL VAPOR
Potential Contamin of Concern:

1,1,1-TRICHLOROETHANE (TCA)
TETRACHLOROETHYLENE (PCE)
TRICHLOROETHYLENE (TCE)
VINYL CHLORIDE

Site History:

Operating Industries, Inc. (OII) is an inactive Class II landfill surrounded by residential areas on the south and west borders. From 1948 to 1952, the OII site was operated as a municipal landfill by the City of Monterey Park. In January 1952, the site became a privately owned landfill under the ownership of OII. The site was permitted by the RWQCB in 1976, to receive various nonhazardous and hazardous liquid wastes, including lead compounds, chrome oxide, pigment sludge, refinery wastes, waste water from paint manufacturing, and caustic cleaning waste. It was not until 1984 that OII stopped accepting waste. The pathways of contamination are through inhalation of land fill gases and direct contact of leachate entering the ground water. Possible receptors are the residents near the facility and the potential impact of the contaminated groundwater on drinking water supplies. The Department took over the site when the owner and operator failed to continue with the site closure activities. In May 1986, the landfill was listed on the NPL and EPA became the lead agency. EPA initiated a remedial investigation to define the extent of environmental problems. A hydrogeologic investigation to study the groundwater was performed in September of 1989. In May of 1989, a Partial Consent Decree was entered in the Federal Court between EPA and over 100 PRPs. The PRPs agreed to undertake the site control and monitoring, and construct a leachate treatment system, as well as conducting several site improvements. Site work pursuant to the Consent Decree began in November 1989, when daily operation, including operation and maintenance/monitoring of the existing gas and leachate control system, and erosion and drainage control were assumed by the settling PRPs'.

Status: CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
Program Type: FEDERAL SUPERFUND - LISTED
CalEnviroScreen Score: 60-65%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19490207

Land Use Restrictions

Site Management Requirements: NONE SPECIFIED
Title: 2013 NPCovenant
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?cmd=radocuments&global_id=19490207&enforcement_id=60475757
Date Recorded: 4/26/2013

Site Management Requirements: NONE SPECIFIED
Title: 2014-07-02-Operating Industries-Covenant to Restrict Use of Property
Title Link: https://www.envirostor.dtsc.ca.gov/public/view_document?docurl=/public/deliverable_documents/3079762339/2014%2D07%2D02%2DOperating%20Industries%2DCovenant%20to%20Restrict%20Use%20of%20Property%5FOII%20and%20SCE%2Epdf
Date Recorded: 7/2/2014

Future Activities

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Report
Due Date: 2025

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Certification
Due Date: 2031

Completed Activities

Title: 2019-04-23-Operating Industries-CD-8 Monthly Progress Report for January-March 2019
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460399
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 4/23/2019
Comments: COMPLETED

Title: 2018-10-18-Operating Industries-CD-8 Monthly Progress Report for September 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460429
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 10/18/2018
Comments:

Title: 2018-09-13-Operating Industries-OII Landfill Leachate Treatment Plant Effluent Flow Measurement System Calibration Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451979
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 9/13/2018
Comments: COMPLETED

Title: 2018-07-19-Operating Industries-CD-8 Monthly Progress Report for June 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451973
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/19/2018
Comments: COMPLETED

Title: Remedial or Removal Design
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Design/Implementation Workplan
Date Completed: 9/24/1999
Comments: Approval of the Final Design for the Landfill Gas Treatment System (LFGTS).

Title: Order
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Order
Date Completed: 7/10/1997
Comments: The sixth partial Consent Decree requires GSF Energy (Air Products) to pay cleanup costs. DTSC can request reimbursement of unpaid past costs and future response costs.

Title: Project Management Tasks
Title Link:
Area Name:
Area Link:
Sub Area:

Sub Area Link:
Document Type: Project Management
Date Completed: 6/30/2023
Comments:

Title: SCE Soil Stockpile Support Letters
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60483101
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 7/7/2020
Comments:

Title: Site Inspection
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 10/24/2019
Comments:

Title: 2019-01-17-Operating Industries-CD-8 Monthly Progress Report for October 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460401
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 1/17/2019
Comments:

Title: 2013 NPCovenant
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60475757
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction
Date Completed: 4/26/2013
Comments:

Title: Remedial Action Completion or Implementation
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedy Constructed: Operating Properly & Successfully
Date Completed: 9/28/2000
Comments: Landfill Gas Treatment system began operations replacing the flares. The LFGTS is capable of 99.99% Destruction & Removal Efficiency (DRE).

Title: 2017 Annual Groundwater Monitoring and Evaluation Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60464286
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 4/11/2018
Comments:

Title: OII North Parcel Redevelopment - Methane Mitigation Plan
Title Link:
Area Name:

Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Workplan
Date Completed: 7/1/2015
Comments: Comments received and sent to proponent on methane mitigation plan

Title: OII North Parcel 30% Remedial Design
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Design - Preliminary/Intermediate
Date Completed: 11/28/2005
Comments: OII North Parcel 30% Remedial Design completed

Title: Remedial Action Completion or Implementation
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedy Constructed: Operating Properly & Successfully
Date Completed: 4/21/2000
Comments: Final cover for the entire South Parcel is completed.

Title: Remedial Action Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=5007961
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Action Plan
Date Completed: 9/30/1996
Comments:

Title: Removal Action Completion Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=5007967
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Completion Report
Date Completed: 11/30/1994
Comments:

Title: Operating Industries Third Partial Consent Decree
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393775
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Decree
Date Completed: 3/30/1992
Comments:

Title: Fifth Five-Year Review Report For Operating Industries, Inc. Landfill Superfund Site
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60442205
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Five-Year Review Reports
Date Completed: 9/23/2015
Comments:

Title: CD-8 Monthly Progress Report for April, May, June 2023
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60550659

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 8/30/2023
Comments:

Title: CD-8 Monthly Progress Report for January, February, March 2023
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60550657
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 8/30/2023
Comments:

Title: Annual Cost Estimate Letter_FY 2022-2023
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60527296
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/6/2022
Comments:

Title: Five-Year Review Report For Operating Industries, Inc. Landfill Superfund Site
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60468667
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Five-Year Review Reports
Date Completed: 11/2/2020
Comments:

Title: 2018 Annual Groundwater Monitoring and Evaluation Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60464307
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 5/29/2019
Comments:

Title: 2019-01-17-Operating Industries-CD-8 Monthly Progress Report for December 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460405
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 1/17/2019
Comments:

Title: 2022 Annual Groundwater Monitoring and Evaluation Report
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 4/4/2023
Comments:

Title: Correspondence from City of Monterey Park

Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 7/6/2020
Comments:

Title: Annual Cost Estimate Letter_FY 2018-2019
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60452712
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/2/2018
Comments: COMPLETED 10/02/2018

Title: 2018-07-19-Operating Industries-CD-8 Monthly Progress Report for April 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451969
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/19/2018
Comments: COMPLETED

Title: Order
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Order
Date Completed: 5/8/2002
Comments:

Title: Remedial or Removal Design
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Design/Implementation Workplan
Date Completed: 3/9/1998
Comments: This design plan approves the capping of the landfill with an additional four feet of monocover using the existing cap as a two foot foundation layer. The cap design also includes the establishment of native vegetation for monocover performance as well as aesthetics.

Title: OII Consent Agreement and Final Order
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393933
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Agreement
Date Completed: 8/3/1983
Comments:

Title: South Parcel and North Parcel Survey
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460435
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 1/7/2019

Comments:

Title: 2018-06-19-Operating Industries-OII Landfill Integrated Surface Gas Emission 1st Event
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451977
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 6/19/2018
Comments: COMPLETED

Title: 2019-04-19-Operating Industries-CD-8 Monthly Progress Report for January 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460445
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 4/19/2018
Comments:

Title: 2018-04-19-Operating Industries-CD-8 Monthly Progress Report for March 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460449
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 4/19/2018
Comments:

Title: Meeting to Discuss TDF Performance Testing
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Meeting
Date Completed: 2/1/2023
Comments:

Title: Site Visit with EPA
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60531086
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Meeting
Date Completed: 9/15/2022
Comments:

Title: Project Management Tasks
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Project Management
Date Completed: 6/30/2022
Comments:

Title: 2020 Annual Groundwater Monitoring and Evaluation Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60509553
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report

Date Completed: 1/24/2022
Comments:

Title: Soil Import Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60479935
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 11/2/2020
Comments:

Title: 2020-07-27-Operating Industries-CD-8 Monthly Progress Report for April, May, June 2020
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60486681
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/27/2020
Comments:

Title: 2020-07-07-Operating Industries-OII Landfill Integrated Surface Gas Emission 1st Event
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60486683
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/7/2020
Comments:

Title: Coronavirus Critical Work Determination for OII OMM
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60477040
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 3/24/2020
Comments:

Title: 2019-07-22-Operating Industries-CD-8 Monthly Progress Report for April-June 2019
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60464276
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/22/2019
Comments:

Title: 2018-10-18-Operating Industries-CD-8 Monthly Progress Report for August 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460427
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 10/18/2018
Comments:

Title: 2018-04-19-Operating Industries-CD-8 Monthly Progress Report for February 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460447
Area Name:
Area Link:
Sub Area:
Sub Area Link:

Document Type: Other Report
Date Completed: 4/19/2018
Comments:

Title: Onsite Stack Testing Oversight
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60538277
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 2/21/2023
Comments:

Title: 2021 Annual Groundwater Monitoring and Evaluation Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60508230
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 6/3/2022
Comments:

Title: 2018-07-19-Operating Industries-CD-8 Monthly Progress Report for May 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451975
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/19/2018
Comments: COMPLETED

Title: 2014-07-02-Operating Industries-Covenant to Restrict Use of Property
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60474982
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction
Date Completed: 7/2/2014
Comments:

Title: Operating Industries 5 Year Review Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60253202
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Five-Year Review Reports
Date Completed: 11/30/2010
Comments:

Title: OII Partial Consent Decree
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393934
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Decree
Date Completed: 11/4/1988
Comments:

Title: 2016-02-18-OII North Parcel Redevelopment Memo
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60451968
Area Name:
Area Link:
Sub Area:

Sub Area Link:
Document Type: Correspondence
Date Completed: 2/18/2016
Comments: HISTORICAL

Title: Operating Industries Eighth Consent Decree
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393906
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Decree
Date Completed: 9/24/2001
Comments:

Title: Order
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=5007966
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Order
Date Completed: 2/2/1996
Comments: The Fifth Partial Consent Degree (CD5) is negotiatied by EPA and the State with a group of potentially responsible parties (PRPs), composed of prior nonsettlers and recently noticed major parties.

Title: Fourth Partial Consent Decree
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=5007968
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Decree
Date Completed: 11/18/1994
Comments: The leachate treatment plant (included as Leachate Manage ment Operable Unit) is built on the north parcel of the site and consists of influent storage and equalization, biological reactors, chemical precipitation, sand filtration carbon absorption, effluent storage and discharge, foul air system, storm water holding system and sludge disposal system. The plant started operation on September 13, 1994 and the first discharge into the sewer system occurred on November 9, 1994.

Title: Remedial Action Plan
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Action Plan
Date Completed: 9/28/1990
Comments: The amended Gas Migration Control ROD at the site addresses the landfill gas (LFG) migration control and landfill cover. The major component of this amendment is the addition of landfill cover to the previously selected gas migration control remedy. The major components of the Gas Migration Control ROD include: 1) landfill cover designed to reduce surface gas emissions and odors, prevent oxygen intrusion into the refuse, prevent surface water infiltration, provide erosion control, and improve site aesthetics; perimeter LFG extraction wells with placement focused on minimizing off site LFG migration; LFG extraction wells on the top deck of the landfill with placement focused on maximizing source control of LFG; shallow and deep slope wells with placement focused on reducing surface emissions and controlling intermediate to deep subsurface migration at the perimeter; integrated above-grade LFG headers and condensate sumps; LFG monitoring wells at the site boundary; upgraded thermal destruction facility for landfill gas; and pumps in appropriate gas wells with above-grade collection sumps to dewater saturated zones. The amended gas control remedial action will be integrated with the two additional operable units, Site Control and Monitoring, and Leachate Management, now being implemented.

Title: TDF Performance Test Debrief
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Meeting
Date Completed: 3/3/2023
Comments: Debrief call to discuss stack testing observations, directives, lessons learned with B. Stanphill (DTSC), H. Sanchez

(USACE), E. Canteenwala (EPA), D. Towell and L. Sullivan (Jacobs).

Title: Annual Cost Estimate Letter_FY 2021-2022
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60508225
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/10/2021
Comments:

Title: Design Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60496557
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 4/21/2021
Comments: EPA approved the 100% Design Document.

Title: Five-Year Review Site Inspection
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60476879
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction - Site Inspection/Visit
Date Completed: 1/16/2020
Comments:

Title: 2019-01-17-Operating Industries-CD-8 Monthly Progress Report for November 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460403
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 1/17/2019
Comments:

Title: 2018-10-18-Operating Industries-CD-8 Monthly Progress Report for July 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460425
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 10/18/2018
Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
71	13 of15	SSE	0.49 / 2,589.95	372.78 / -9	OPERATING INDUSTRIES, INC. LANDFILL 900 POTRERO GRANDE DR MONTEREY PARK CA 91755	LUR

Estor/EPA ID: 19490207
Nat Priority List: YES
Census Tract: 6037482800
Permit Renewl Lead:
Project Manager: LAURA RADKE
Site Code: 300110, 300284, 300604
Cleanup Status: CERTIFIED / OPERATION & MAINTENANCE AS OF 8/2/2012
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM;US EPA - LEAD AGENCY
Assembly District: 49
Senate District: 25
School District:
Acres: 190 ACRES
Supervisor: EMAD YEMUT
County: LOS ANGELES
Latitude: 34.0364975148075
Longitude: -118.104014396667

Office: CLEANUP CYPRESS
Public Participatn Spclst:
Special Program: EPA - MULTI-SITE COOPERATIVE AGREEMENT
Funding: RESPONSIBLE PARTY
Site Type: STATE RESPONSE OR NPL
APN: 5275002002, 5275002808, 5275002809, 5275003002, 5275003016, 5275003800, 5293022001, 5293022005, 5293022006
Past Use that Caused Contam: LANDFILL - CONSTRUCTION, LANDFILL - DOMESTIC, LANDFILL - HAZARDOUS WASTE
Potential Media Affected: INDOOR AIR, OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL, SOIL VAPOR

Site History:

Operating Industries, Inc. (OII) is an inactive Class II landfill surrounded by residential areas on the south and west borders. From 1948 to 1952, the OII site was operated as a municipal landfill by the City of Monterey Park. In January 1952, the site became a privately owned landfill under the ownership of OII. The site was permitted by the RWQCB in 1976, to receive various nonhazardous and hazardous liquid wastes, including lead compounds, chrome oxide, pigment sludge, refinery wastes, waste water from paint manufacturing, and caustic cleaning waste. It was not until 1984 that OII stopped accepting waste. The pathways of contamination are through inhalation of land fill gases and direct contact of leachate entering the ground water. Possible receptors are the residents near the facility and the potential impact of the contaminated groundwater on drinking water supplies. The Department took over the site when the owner and operator failed to continue with the site closure activities. In May 1986, the landfill was listed on the NPL and EPA became the lead agency. EPA initiated a remedial investigation to define the extent of environmental problems. A hydrogeologic investigation to study the groundwater was performed in September of 1989. In May of 1989, a Partial Consent Decree was entered in the Federal Court between EPA and over 100 PRPs. The PRPs agreed to undertake the site control and monitoring, and construct a leachate treatment system, as well as conducting several site improvements. Site work pursuant to the Consent Decree began in November 1989, when daily operation, including operation and maintenance/monitoring of the existing gas and leachate control system, and erosion and drainage control were assumed by the settling PRPs'.

Potential Contamin of Concern:

1,1,1-TRICHLOROETHANE (TCA)
TETRACHLOROETHYLENE (PCE)
TRICHLOROETHYLENE (TCE)
VINYL CHLORIDE

Status: CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
Program Type: FEDERAL SUPERFUND - LISTED
CalEnviroScreen Score: 60-65%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19490207

Land Use Restrictions

Site Management Requirmnts: NONE SPECIFIED
Title: 2013 NPCovenant
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?cmd=radocuments&global_id=19490207&enforcement_id=60475757
Date Recorded: 4/26/2013

Site Management Requirmnts: NONE SPECIFIED
Title: 2014-07-02-Operating Industries-Covenant to Restrict Use of Property
Title Link: https://www.envirostor.dtsc.ca.gov/public/view_document?docurl=/public/deliverable_documents/3079762339/2014%2D07%2D02%2DOperating%20Industries%2DCovenant%20to%20Restrict%20Use%20of%20Property%5FOII%20and%20SCE%2Epdf
Date Recorded: 7/2/2014

Future Activities

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Report
Due Date: 2025

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Certification
Due Date: 2031

Completed Activities

Title: Fourth Partial Consent Decree
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=5007968
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Decree
Date Completed: 11/18/1994
Comments: The leachate treatment plant (included as Leachate Manage ment Operable Unit) is built on the north parcel of the site and consists of influent storage and equalization, biological reactors, chemical precipitation, sand filtration carbon absorption, effluent storage and discharge, foul air system, storm water holding system and sludge disposal system. The plant started operation on September 13, 1994 and the first discharge into the sewer system occurred on November 9, 1994.

Title: Annual Cost Estimate Letter_FY 2022-2023
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60527296
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/6/2022
Comments:

Title: 2018 Annual Groundwater Monitoring and Evaluation Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60464307
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 5/29/2019
Comments:

Title: 2019-01-17-Operating Industries-CD-8 Monthly Progress Report for November 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460403
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 1/17/2019
Comments:

Title: Site Inspection
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 10/24/2019
Comments:

Title: 2018-10-18-Operating Industries-CD-8 Monthly Progress Report for September 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460429
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 10/18/2018
Comments:

Title: Project Management Tasks

Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Project Management
Date Completed: 6/30/2023
Comments:

Title: 2019-07-22-Operating Industries-CD-8 Monthly Progress Report for April-June 2019
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60464276
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/22/2019
Comments:

Title: 2014-07-02-Operating Industries-Covenant to Restrict Use of Property
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60474982
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction
Date Completed: 7/2/2014
Comments:

Title: 2022 Annual Groundwater Monitoring and Evaluation Report
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 4/4/2023
Comments:

Title: 2018-07-19-Operating Industries-CD-8 Monthly Progress Report for June 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451973
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/19/2018
Comments: COMPLETED

Title: 2020-07-27-Operating Industries-CD-8 Monthly Progress Report for April, May, June 2020
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60486681
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/27/2020
Comments:

Title: Operating Industries 5 Year Review Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60253202
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Five-Year Review Reports
Date Completed: 11/30/2010
Comments:

Title: Annual Cost Estimate Letter_FY 2018-2019
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60452712
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/2/2018
Comments: COMPLETED 10/02/2018

Title: 2018-09-13-Operating Industries-OII Landfill Leachate Treatment Plant Effluent Flow Measurement System Calibration Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451979
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 9/13/2018
Comments: COMPLETED

Title: 2018-10-18-Operating Industries-CD-8 Monthly Progress Report for August 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460427
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 10/18/2018
Comments:

Title: OII Partial Consent Decree
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393934
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Decree
Date Completed: 11/4/1988
Comments:

Title: 2016-02-18-OII North Parcel Redevelopment Memo
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60451968
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 2/18/2016
Comments: HISTORICAL

Title: OII North Parcel 30% Remedial Design
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Design - Preliminary/Intermediate
Date Completed: 11/28/2005
Comments: OII North Parcel 30% Remedial Design completed

Title: Meeting to Discuss TDF Performance Testing
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Meeting
Date Completed: 2/1/2023

Comments:

Title: Onsite Stack Testing Oversight
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60538277
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 2/21/2023
Comments:

Title: Soil Import Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60479935
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 11/2/2020
Comments:

Title: Coronavirus Critical Work Determination for OII OMM
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60477040
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 3/24/2020
Comments:

Title: Operating Industries Eighth Consent Decree
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393906
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Decree
Date Completed: 9/24/2001
Comments:

Title: OII North Parcel Redevelopment - Methane Mitigation Plan
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Workplan
Date Completed: 7/1/2015
Comments: Comments received and sent to proponent on methane mitigation plan

Title: 2018-07-19-Operating Industries-CD-8 Monthly Progress Report for April 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451969
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/19/2018
Comments: COMPLETED

Title: CD-8 Monthly Progress Report for April, May, June 2023
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60550659
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report

Date Completed: 8/30/2023
Comments:

Title: 2020-07-07-Operating Industries-OII Landfill Integrated Surface Gas Emission 1st Event
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60486683
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/7/2020
Comments:

Title: 2019-01-17-Operating Industries-CD-8 Monthly Progress Report for December 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460405
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 1/17/2019
Comments:

Title: 2018-04-19-Operating Industries-CD-8 Monthly Progress Report for February 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460447
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 4/19/2018
Comments:

Title: OII Consent Agreement and Final Order
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393933
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Agreement
Date Completed: 8/3/1983
Comments:

Title: 2017 Annual Groundwater Monitoring and Evaluation Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60464286
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 4/11/2018
Comments:

Title: Remedial Action Plan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=5007961
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Action Plan
Date Completed: 9/30/1996
Comments:

Title: Remedial or Removal Design
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:

Document Type: Design/Implementation Workplan
Date Completed: 9/24/1999
Comments: Approval of the Final Design for the Landfill Gas Treatment System (LFGTS).

Title: 2018-07-19-Operating Industries-CD-8 Monthly Progress Report for May 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451975
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 7/19/2018
Comments: COMPLETED

Title: TDF Performance Test Debrief
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Meeting
Date Completed: 3/3/2023
Comments: Debrief call to discuss stack testing observations, directives, lessons learned with B. Stanphill (DTSC), H. Sanchez (USACE), E. Canteenwala (EPA), D. Towell and L. Sullivan (Jacobs).

Title: Project Management Tasks
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Project Management
Date Completed: 6/30/2022
Comments:

Title: 2019-04-19-Operating Industries-CD-8 Monthly Progress Report for January 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460445
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 4/19/2018
Comments:

Title: Remedial Action Completion or Implementation
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedy Constructed: Operating Properly & Successfully
Date Completed: 9/28/2000
Comments: Landfill Gas Treatment system began operations replacing the flares. The LFGTS is capable of 99.99% Destruction & Removal Efficiency (DRE).

Title: Five-Year Review Report For Operating Industries, Inc. Landfill Superfund Site
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60468667
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Five-Year Review Reports
Date Completed: 11/2/2020
Comments:

Title: 2018-04-19-Operating Industries-CD-8 Monthly Progress Report for March 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460449
Area Name:

Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 4/19/2018
Comments:

Title: SCE Soil Stockpile Support Letters
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60483101
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 7/7/2020
Comments:

Title: Remedial Action Plan
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedial Action Plan
Date Completed: 9/28/1990
Comments: The amended Gas Migration Control ROD at the site addresses the landfill gas (LFG) migration control and landfill cover. The major component of this amendment is the addition of landfill cover to the previously selected gas migration control remedy. The major components of the Gas Migration Control ROD include: 1) landfill cover designed to reduce surface gas emissions and odors, prevent oxygen intrusion into the refuse, prevent surface water infiltration, provide erosion control, and improve site aesthetics; perimeter LFG extraction wells with placement focused on minimizing off site LFG migration; LFG extraction wells on the top deck of the landfill with placement focused on maximizing source control of LFG; shallow and deep slope wells with placement focused on reducing surface emissions and controlling intermediate to deep subsurface migration at the perimeter; integrated above-grade LFG headers and condensate sumps; LFG monitoring wells at the site boundary; upgraded thermal destruction facility for landfill gas; and pumps in appropriate gas wells with above-grade collection sumps to dewater saturated zones. The amended gas control remedial action will be integrated with the two additional operable units, Site Control and Monitoring, and Leachate Management, now being implemented.

Title: 2020 Annual Groundwater Monitoring and Evaluation Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60509553
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 1/24/2022
Comments:

Title: Remedial or Removal Design
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Design/Implementation Workplan
Date Completed: 3/9/1998
Comments: This design plan approves the capping of the landfill with an additional four feet of monocover using the existing cap as a two foot foundation layer. The cap design also includes the establishment of native vegetation for monocover performance as well as aesthetics.

Title: 2013 NPCovenant
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60475757
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction
Date Completed: 4/26/2013
Comments:

Title: Correspondence from City of Monterey Park
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 7/6/2020
Comments:

Title: Design Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60496557
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 4/21/2021
Comments: EPA approved the 100% Design Document.

Title: 2018-10-18-Operating Industries-CD-8 Monthly Progress Report for July 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460425
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 10/18/2018
Comments:

Title: Annual Cost Estimate Letter_FY 2021-2022
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60508225
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/10/2021
Comments:

Title: Remedial Action Completion or Implementation
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Remedy Constructed: Operating Properly & Successfully
Date Completed: 4/21/2000
Comments: Final cover for the entire South Parcel is completed.

Title: Order
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=5007966
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Order
Date Completed: 2/2/1996
Comments: The Fifth Partial Consent Degree (CD5) is negotiatied by EPA and the State with a group of potentially responsible parties (PRPs), composed of prior nonsettlers and recently noticed major parties.

Title: 2021 Annual Groundwater Monitoring and Evaluation Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60508230
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report

Date Completed: 6/3/2022
Comments:

Title: 2019-01-17-Operating Industries-CD-8 Monthly Progress Report for October 2018
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460401
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 1/17/2019
Comments:

Title: CD-8 Monthly Progress Report for January, February, March 2023
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60550657
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 8/30/2023
Comments:

Title: Operating Industries Third Partial Consent Decree
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60393775
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Decree
Date Completed: 3/30/1992
Comments:

Title: South Parcel and North Parcel Survey
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460435
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 1/7/2019
Comments:

Title: Order
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Order
Date Completed: 7/10/1997
Comments: The sixth partial Consent Decree requires GSF Energy (Air Products) to pay cleanup costs. DTSC can request reimbursement of unpaid past costs and future response costs.

Title: Site Visit with EPA
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60531086
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Meeting
Date Completed: 9/15/2022
Comments:

Title: 2018-06-19-Operating Industries-OII Landfill Integrated Surface Gas Emission 1st Event
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60451977
Area Name:
Area Link:
Sub Area:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sub Area Link:
Document Type: Other Report
Date Completed: 6/19/2018
Comments: COMPLETED

Title: Order
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Order
Date Completed: 5/8/2002
Comments:

Title: 2019-04-23-Operating Industries-CD-8 Monthly Progress Report for January-March 2019
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60460399
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Other Report
Date Completed: 4/23/2019
Comments: COMPLETED

Title: Five-Year Review Site Inspection
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&enforcement_id=60476879
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Land Use Restriction - Site Inspection/Visit
Date Completed: 1/16/2020
Comments:

Title: Fifth Five-Year Review Report For Operating Industries, Inc. Landfill Superfund Site
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=60442205
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Five-Year Review Reports
Date Completed: 9/23/2015
Comments:

Title: Removal Action Completion Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19490207&doc_id=5007967
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Removal Action Completion Report
Date Completed: 11/30/1994
Comments:

71	14 of15	SSE	0.49 / 2,589.95	372.78 / -9	**OPERATING INDUSTRIES, INC. LANDFILL** **900 POTRERO GRANDE DR** **MONTEREY PARK CA 91755**	CALSITES

ID No:	19490207	***Assembly:***	49
Status Date:	04/19/1996	***Senate:***	24
NPL:	L	***Region:***	3
Tier:		***Region Name:***	GLENDALE
Fund:	C	***County Co:***	19
Access :		***Facility County:***	LOS ANGELES
Access Code:	NOT REPORTED	***Lat Deg:***	0
Cortese:		***Lat Min:***	0

Hrscore:		**Lat Sec:**	0
Hrsdate:		**Lat Dir:**	
Groundwater Contam:	C	**Long Deg:**	0
GW Code:	CONTROLLED	**Long Min:**	0
No Sources:	1	**Long Sec:**	0
RWQCB Name:	LOS ANGELES	**Long Dir:**	
Branch Name:	SO CAL - GLENDALE	**Llmethod:**	
Staff:	TYARGEAU	**Lldesc:**	
Senior:			

Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Type Name: NPL SITE, RP-FUNDED
Lead Name: ENVIRONMENTAL PROTECTION AGENCY
SIC Name: ELECTRIC, GAS & SANITARY SERVICES
Filename:
Comments:

This is the date the site was first listed pursuant to section 25356. Second 90-day Compliance Testing period begins. DTSC received $181,012.27 from the Operating Industries Inc. Closure Trust Account. This money will be used to cover future response costs for DTSC at the OII site. The Fifth Partial Consent Degree (CD5) is negotiatied by EPA and the State with a group of potentially responsible parties (PRPs), composed of prior nonsettlers and recently noticed major parties. Third Consent Decree Final Workplan(with sampling and analysis plan) and the Revised QA/QC Plan. USEPA approves workplan outline as part of the early action activity per Eighth Partial Consent Decree. This design plan approves the capping of the landfill with an additional four feet of monocover using the existing cap as a two foot foundation layer. The cap design also includes the establishment of native vegetation for monocover performance as well as aesthetics. Second 90-day Compliance Testing period completed. DTSC receives Trial Burn Report which contains the results from the performance test for the LFGTS conducted in September 2000. Results indicate that the LFGTS achieved the 99.99% DRE. The Department enters into the third Partial Consent Decree which covers Gas Control, Landfill Cover and Surface Water Management. FS prepared by US EPA. Compliance Testing Report approved by USEPA. Final cover for the entire South Parcel is completed. The first Partial Consent Decree which addresses the Site Control and Monitoring and Leachate Management Systems is signed. Eighth Partial Consent Decree for OII entered by the United States District Court. 5 Year review prepared by US EPA. The sixth partial Consent Decree requires GSF Energy (Air Products) to pay cleanup costs. DTSC can request reimbursement of unpaid past costs and future response costs. Predesign Workplan. 30% Design - Final Cover -- The final cap will consist of a four foot thick monocover with a native vegetative cover. The existing cap will act as a foundation for the monocover. Inactive Class II Landfill. Contaminants include Pb compounds, chrome oxide, pigment sludge, refinery slop oil, emulsion solids, leaded tank bottom, wastewater from paint manufacturing, and caustic cleaning wastes. Predesign Report outline. Former TSD facility. Performance Test Plan for the LFGTS approved. A second Calstar Code was added #300284 for the Gas Migration Control activities. Oversight of these activities are the responsibility of a different group of RPs. The second Partial Consent Decree which added parties and funds to the first Partial Consent Decree is signed. Approval of the Final Design for the Landfill Gas Treatment System (LFGTS). LFGTS test completed this past week. Preliminary results indicate that the LFGTS will achieve the 99.99% Destruction and Removal Efficiency (DRE). The amended Gas Migration Control ROD at the site addresses the landfill gas (LFG) migration control and landfill cover. The major component of this amendment is the addition of landfill cover to the previously selected gas migration control remedy. The major components of the Gas Migration Control ROD include: 1) landfill cover designed to reduce surface gas emissions and odors, prevent oxygen intrusion into the refuse, prevent surface water infiltration, provide erosion control, and improve site aesthetics; perimeter LFG extraction wells with placement focused on minimizing off site LFG migration; LFG extraction wells on the top deck of the landfill with placement focused on maximizing source control of LFG; shallow and deep slope wells with placement focused on reducing surface emissions and controlling intermediate to deep subsurface migration at the perimeter; integrated above-grade LFG headers and condensate sumps; LFG monitoring wells at the site boundary; upgraded thermal destruction facility for landfill gas; and pumps in appropriate gas wells with above-grade collection sumps to dewater saturated zones. The amended gas control remedial action will be integrated with the two additional operable units, Site Control and Monitoring, and Leachate Management, now being implemented. Landfill Gas Treatment system began operations replacing the flares. The LFGTS is capable of 99.99% Destruction & Removal Efficiency (DRE). First of two consecutive 90-day Compliance Testing periods for the former landfill begins. Final Remedial Action Inspection conducted for the South Parcel. The inspection is conducted jointly between US EPA, DTSC and Army Corps of Engineers. 30% Design for Southwest Early Action Plan (SWEAP). DTSC sends letter to US EPA recommending they accept the project as complete. EPA concurs with DTSC. RI prepared by US EPA. Seismic Predesign Prefinal Workplan. The U.S. EPA and the Department of Toxic Substances Control enters into the Fourth Partial Consent Decree in an effort to expedite the cleanup of the Site and avoid prolonged and complicated litigation between the "parties". The selected Remedial Alternative includes: Perimeter liquids control, onsite treatment of collected liquids, natural attenuation of offsite groundwater which includes monitoring and evaluation, and continued operation and maintenance of provisions in the three previous ROD's (site control and monitoring, leachate management, gas migration control and landfill cover). The leachate treatment plant (included as Leachate Manage ment Operable Unit) is built on the north parcel of the site and consists of influent storage and equalization, biological reactors, chemical precipitation, sand filtration carbon absorption, effluent storage and discharge, foul air system, storm water holding system and sludge disposal system. The plant started operation on September 13, 1994 and the first discharge into the sewer system occurred on November 9, 1994. Top deck cover for the South Parcel is 75% complete. Cover over remaining South Parcel is completed. Construction completed on Landfill Gas Treatment System (LFGTS), currently undergoing performance testing before being brought on-line and replacing the existing flare station.

Background:

Operating Industries, Inc. (OII) is an inactive Class II landfill surrounded by residential areas on the south and west borders. From 1948 to 1952, the OII site was operated as a municipal landfill by the City of Monterey Park. In January 1952, the site became a privately owned landfill under the ownership of OII. The site was permitted by the RWQCB in 1976, to receive various nonhazardous and hazardous liquid wastes, including lead compounds, chrome oxide, pigment sludge, refinery wastes, waste water from paint manufacturing, and caustic cleaning waste. It was not until 1984 that OII stopped accepting waste. The pathways of contamination are through inhalation of land fill gases and direct contact of leachate entering the ground water. Possible receptors are the residents near the facility and the potential impact of the contaminated groundwater on drinking water supplies. The Department took over the site when the owner and operator failed to continue with the site closure activities. In May 1986, the landfill was listed on the NPL and EPA became the lead agency. EPA initiated a remedial investigation to define the extent of environmental problems. A hydrogeologic investigation to study the groundwater was performed in September of 1989. In May of 1989, a Partial Consent Decree was entered in the Federal Court between EPA and over 100 PRPs. The PRPs agreed to undertake the site control and monitoring, and construct a leachate treatment system, as well as

conducting several site improvements. Site work pursuant to the Consent Decree began in November 1989, when daily operation, including operation and maintenance/monitoring of the existing gas and leachate control system, and erosion and drainage control were assumed by the settling PRPs'.

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71 | **15 of15** | **SSE** | **0.49 / 2,589.95** | **372.78 / -9** | **OPERATING INDUSTRIES, INC.**
900 POTRERO GRANDE DRIVE
MONTEREY PARK CA 91754 | **WMUD**

Wmu ID No:	4B190332001	**Npid:**	
Wds ID No:	4B190332001	**Rptf:**	M
Swis ID No:	19-AM-0001	**Sic1:**	4953
Reg ID No:	57-165	**Sic2:**	
Edit Date:	26-Jan-1995	**Swat Anms:**	OPERATING INDUSTRIES INCORPORATED
Last Edit:	JHMJHMJHM	**Swat Fnms:**	OPERATING INDUSTRIES INC.
Region:	4	**Atyp:**	PR
County:	19	**Anms:**	OPERATING INDUSTRIES, INC.
Wds:	TRUE	**Adep:**	
Msw:	FALSE	**A Street:**	1749 POTRERO GRANDE DR. STE. E
Superorder:		**A City:**	MONTEREY PARK CA
Sc15:	TRUE	**A Zip:**	91754
Swat:	TRUE	**A County:**	
Tpca:	FALSE	**Afon:**	2137215996
Rcra:	FALSE	**Lnms:**	OPERATING INDUSTRIES, INC.
Dod:		**Ldep:**	
Rbpo:		**L Street:**	2425 S. GARFIELD AVE
Openpub:	FALSE	**L City:**	MONTEREY PARK
Waste List:		**L State:**	CA
Tot Wmus:	1	**L Zip:**	91754
Secrange:	02S12W	**L County:**	
Basemer:	SB	**Lfon:**	2137215996
Fcnt:		**Ttwq:**	1
Fdep:		**Toxi:**	N
F State:	CA	**Cplx:**	A
Ffon:	2137215996	**Wdrs:**	H
Ftyp:	SW3	**Wtp1:**	HSLDWST
Tonnage:	2900	**Wtp2:**	
Fac Comment:			

WMU Details

Wmu ID:	4B190332001-01	**G Monitor:**	FALSE
Edit Date:	26-Jan-1995	**S Monitor:**	FALSE
Last Edit:	JHMJHMJHM	**V Monitor:**	FALSE
Wmu Type:	LANDFILL	**G Back:**	0
Wmu Name:	OPERATING INDUSTRIES LANDFILL	**S Back:**	0
Wmustatus:	CEASE DISCHARGE	**V Back:**	0
Wmu Size:	130	**G Nonback:**	19
Listed:	Yes	**S Nonback:**	0
Printed:	Yes	**V Nonback:**	0
Msw:	FALSE	**G Date:**	
Superorder:		**S Date:**	
Sc15:	TRUE	**V Date:**	
Swat:	TRUE	**Perm Test:**	
Tpca:	FALSE	**Gw Depth:**	0
Rcra:	FALSE	**Precip:**	18
Dod:	FALSE	**Site Alt:**	FALSE
Old Class:	II-1	**Site Alta:**	FALSE
Old Waste:		**Line Alt:**	FALSE
Old First:	01-Jan-1948	**Line Alta:**	FALSE
New Class:		**Lcrs Alt:**	FALSE
New Waste:		**Lcrs Alta:**	FALSE
New First:		**Composite:**	
Stat Date:	02-Oct-1984	**Line Des:**	FALSE
Cap Year:		**Liner1:**	FALSE
Closeplan:	FALSE	**Line1 Type:**	
Township:		**Liner2:**	FALSE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Fault Name:	UNKNOWN	**Line2 Type:**	
Fault Distance:		**Liner3:**	FALSE
Withquake:	FALSE	**Line3 Type:**	
Type Op:	CANYON FILL		
Gen Com1:	OPENED IN 1948.		
Gen Com2:	RECEIVED HAZARDOUS LIQUIDS AND MUNICIPAL RUBBISH.		
Gen Com3:	LIQUID DISPOSAL CEASED 4/83.		
Gen Com4:	TOTAL CAPACITY: 4,000,000 CUYDS		
Formation:	UNKNOWN		
Form Type:	UNKNOWN		
Form Permit:	UNKNOWN		
Form Com1:			
Form Com2:			
Form Com3:			
Form Com4:			
Liner Com:			
Lcrs:	FALSE		
Lcrs Type:			
Lcrs Des:	FALSE		
Cons Com1:			
Cons Com2:			
Cons Com3:			
Cons Com4:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
72	1 of1	S	0.60 / 3,175.71	507.66 / 126	LA DECOMPOSED GRANITE CO LOS ANGELES COUNTY MONTEBELLO CA 90640	MRDS

Dep ID:	10076834	**I1:**	14
Dev Status:	PROSPECT	**Latitude:**	34.030884
Code List:	SDG	**Longitude:**	-118.113098
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10076834		

Commodity

I1:	29	**Line:**	1
Code:	SDG	**Inserted By:**	MRDS migration
Commodity:	Sand and Gravel, Cons	**Insert Date:**	29-OCT-2002 09:00:24
Commodity Type:	Non-metallic	**Updated By:**	USGS
Commodity Group:	Sand and Gravel	**Update Date:**	29-OCT-2002 09:01:02
Importance:	Primary		

Names

I1:	24	**Inserted By:**	MRDS migration
Status:	Current	**Insert Date:**	29-OCT-02
Site Name:	La Decomposed Granite Co	**Updated By:**	USGS
Line:	1	**Update Date:**	29-OCT-02

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
73	1 of1	ENE	0.70 / 3,712.77	347.89 / -34	OPERATING INDUSTRIES, INC., LANDFILL 900 N POTRERO GRANDE DR MONTEREY PARK CA 9175	SUPERFUND ROD

EPA ID:	CAT080012024
Site ID:	0902673
NPL Status:	Final
Non NPL Status:	
County:	LOS ANGELES
Region:	09
Data Source(s):	U.S. EPA SUPERFUND PROGRAM - Source: SEMS Superfund Public User Database - FOIA-002 Records of Decision (RODS), ROD Amendments, and Explanation of Significant Differences (ESDs); Searchable Superfund Decision Documents database (https://www.epa.gov/superfund/search-superfund-documents), made available by the US Environmental Protection Agency (EPA). Retrieved on December 26, 2023.

Document Information

Doc ID: 26922
Title: Final record of decision (ROD) for site, v2 - responsiveness summary (01 ROD 01)
Date: 09/30/1996
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/09/26922

Doc ID: 26920
Title: Final record of decision (ROD) for site, v1 (01 ROD 01)
Date: 09/30/1996
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/09/26920

Doc ID: 47517
Title: Record of decision - amendment to decision summary, gas migration control OU
Date: 09/28/1990
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/09/47517

Doc ID: 16492
Title: Record of decision (ROD), gas migration control OU, w/o attchs
Date: 09/30/1988
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/09/16492

Doc ID: 100002955
Title: Record of Decision
Date: 09/30/1988
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/09/100002955

Doc ID: 47511
Title: Record of decision (ROD), gas migration control OU, w/apps A-G, w/o attchs
Date: 09/01/1988
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/09/47511

Doc ID: 100002961
Title: Record of Decision
Date: 11/16/1987
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/09/100002961

Doc ID: 16496
Title: Partial consent decree # CV 88 7196 MRP (Kx) for remedial action & recovery of costs, USA et al v Chevron Chemical Co et al - Appendix A, leachate management OU record of decision only
Date: 11/16/1987
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/09/16496

Doc ID: 47520
Title: Record of decision (ROD), leachate management OU
Date: 11/01/1987
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/09/47520

Doc ID: 47521
Title: Record of decision (ROD), site control & monitoring OU

Date: 11/01/1987
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/09/47521

Doc ID: 16495
Title: Partial consent decree # CV 88 7196 MRP (Kx) for remedial action & recovery of costs, USA et al v Chevron Chemical Co et al - Appendix B, site control & monitoring OU record of decision (ROD) only
Date: 07/31/1987
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/09/16495

Historical Document Information

Doc ID: 100002962
Title: Record of Decision(18 pp, 38.61 KB)
Date: 07/31/1987
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/09/100002962

Action Information

Seq ID: 4
Action Name: Record of Decision (ROD)
Operable Unit Name: OVERALL SITE
Actual Comp Date: 09/30/96

Seq ID: 1
Action Name: Record of Decision (ROD) Amendment
Operable Unit Name: GAS/CD3
Actual Comp Date: 09/28/90

Seq ID: 3
Action Name: Record of Decision (ROD)
Operable Unit Name: GAS/CD3
Actual Comp Date: 09/30/88

Seq ID: 2
Action Name: Record of Decision (ROD)
Operable Unit Name: LEACHATE MANAGEMENT
Actual Comp Date: 11/16/87

Seq ID: 1
Action Name: Record of Decision (ROD)
Operable Unit Name: SITE CONTROL & MONIT LTR AGREE
Actual Comp Date: 07/31/87

74	1 of1	WNW	0.80 / 4,217.38	419.46 / 38	MONTEREY PARK GRANITE CO. LOS ANGELES COUNTY MONTEREY PARK CA 91755	MRDS

Dep ID: 10285226
Dev Status: PAST PRODUCER
Code List: STN_C
Url: http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10285226
I1: 29
Latitude: 34.047913
Longitude: -118.127014

Commodity

I1: 75
Code: STN_C
Commodity: Stone, Crushed/Broken
Commodity Type: Non-metallic
Commodity Group: Stone, Crushed
Line: 1
Inserted By: MAS migration
Insert Date: 29-OCT-2002 09:00:24
Updated By: USGS
Update Date: 29-OCT-2002 09:02:28

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Importance: Primary

Names

I1:	33	***Inserted By:***	MAS migration
Status:	Previous	***Insert Date:***	29-OCT-02
Site Name:	Monterey Park Granite Co, Inc	***Updated By:***	USGS
Line:	2	***Update Date:***	29-OCT-02

Names

I1:	34	***Inserted By:***	MAS migration
Status:	Current	***Insert Date:***	29-OCT-02
Site Name:	Monterey Park Granite Co.	***Updated By:***	USGS
Line:	1	***Update Date:***	29-OCT-02

75	*1 of1*	*NNE*	*0.95 / 5,005.16*	*402.98 / 21*	***TORRANCE BRICK CO.-MONTEREY PARK 2 LOS ANGELES COUNTY ROSEMEAD CA 91770***	*MRDS*

Dep ID:	10261102	***I1:***	26
Dev Status:	PAST PRODUCER	***Latitude:***	34.054504
Code List:	CLY	***Longitude:***	-118.107788
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10261102		

Commodity

I1:	29	***Line:***	1
Code:	CLY	***Inserted By:***	MAS migration
Commodity:	Clay	***Insert Date:***	29-OCT-2002 09:00:24
Commodity Type:	Non-metallic	***Updated By:***	USGS
Commodity Group:	Clays	***Update Date:***	29-OCT-2002 09:02:19
Importance:	Primary		

Names

I1:	34	***Inserted By:***	MAS migration
Status:	Previous	***Insert Date:***	29-OCT-02
Site Name:	Torrance Brick Co.	***Updated By:***	USGS
Line:	2	***Update Date:***	29-OCT-02

Names

I1:	34	***Inserted By:***	MAS migration
Status:	Current	***Insert Date:***	29-OCT-02
Site Name:	Torrance Brick Co.-Monterey Park 2	***Updated By:***	USGS
Line:	1	***Update Date:***	29-OCT-02

76	*1 of1*	*SSE*	*0.96 / 5,091.92*	*461.92 / 80*	***L. A. DECOMPOSED GRANITE CO. LOS ANGELES COUNTY MONTEBELLO CA 90640***	*MRDS*

Dep ID:	10284932	***I1:***	96
Dev Status:	PAST PRODUCER	***Latitude:***	34.026489
Code List:	STN_C	***Longitude:***	-118.108093
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10284932		

Commodity

I1:	15	***Line:***	1
Code:	STN_C	***Inserted By:***	MAS migration
Commodity:	Stone, Crushed/Broken	***Insert Date:***	29-OCT-2002 09:00:24
Commodity Type:	Non-metallic	***Updated By:***	USGS
Commodity Group:	Stone, Crushed	***Update Date:***	29-OCT-2002 09:02:41
Importance:	Primary		

Names

I1:	33	***Inserted By:***	MAS migration
Status:	Current	***Insert Date:***	29-OCT-02
Site Name:	L. A. Decomposed Granite Co.	***Updated By:***	USGS
Line:	1	***Update Date:***	29-OCT-02

Names

I1:	33	***Inserted By:***	MAS migration
Status:	Previous	***Insert Date:***	29-OCT-02
Site Name:	La Decomposed Granite Co	***Updated By:***	USGS
Line:	2	***Update Date:***	29-OCT-02

Unplottable Summary

Total: 0 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID

No unplottable records were found that may be relevant for the search criteria.

Unplottable Report

No unplottable records were found that may be relevant for the search criteria.

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List: NPL

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Oct 26, 2023

National Priority List - Proposed: PROPOSED NPL

Sites proposed by the United States Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Oct 26, 2023

Deleted NPL: DELETED NPL

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Oct 26, 2023

SEMS List 8R Active Site Inventory: SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

Government Publication Date: Jan 26, 2024

SEMS List 8R Archive Sites: SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Jan 26, 2024

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Jan 1, 2024

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites that have indicated engagement in the treatment, storage, or disposal of hazardous waste which requires a RCRA hazardous waste permit.

Government Publication Date: Jan 1, 2024

RCRA Generator List: RCRA LQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Jan 1, 2024

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Jan 1, 2024

RCRA Very Small Quantity Generators List: RCRA VSQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Jan 1, 2024

RCRA Non-Generators: RCRA NON GEN

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Jan 1, 2024

RCRA Sites with Controls: RCRA CONTROLS

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Jan 1, 2024

Federal Engineering Controls-ECs: FED ENG

List of Engineering controls (ECs) made availabe by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Feb 29, 2024

Federal Institutional Controls- ICs: FED INST

List of Institutional controls (ICs) made available by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Feb 29, 2024

Land Use Control Information System: LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites: NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: Oct 26, 2023

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Feb 20, 2024

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Feb 7, 2024

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan: FRP

This listing contains facilities that have submitted Facility Response Plans (FRPs) to the U.S. Environmental Protection Agency (EPA). Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit FRPs. Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments. This listing includes FRP facilities from an applicable EPA FOIA file and Homeland Infrastructure Foundation-Level Data (HIFLD) data file.

Government Publication Date: May 2, 2023

Delisted Facility Response Plans: DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: May 2, 2023

Historical Gas Stations: HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries: REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Sep 20, 2023

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

A list of petroleum product and crude oil rail terminals from the U.S. Energy Information Administration (EIA), as well as petroleum terminals sourced from the Federal Communications Commission Data hosted by the Homeland Infrastructure Foundation-Level Database. Data includes operable bulk petroleum product terminals with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil with activity between 2017 and 2018. EIA petroleum product terminal data comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings.

Government Publication Date: Sep 22, 2023

LIEN on Property: SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Jan 26, 2024

Superfund Decision Documents: SUPERFUND ROD

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: Dec 26, 2023

Formerly Utilized Sites Remedial Action Program: DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

State

State Response Sites: RESPONSE

A list of identified confirmed release sites where the Department of Toxic Substances Control (DTSC) is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk. This database is state equivalent NPL.

Government Publication Date: Feb 15, 2024

EnviroStor Database: ENVIROSTOR

The EnviroStor Data Management System is made available by the Department of Toxic Substances Control (DTSC). Includes Corrective Action sites, Tiered Permit sites, Historical Sites and Evaluation/Investigation sites. This database is state equivalent CERCLIS.

Government Publication Date: Feb 15, 2024

Delisted State Response Sites: DELISTED ENVS

Sites removed from the list of State Response Sites made available by the EnviroStor Data Management System, Department of Toxic Substances Control (DTSC).

Government Publication Date: Feb 15, 2024

Solid Waste Information System (SWIS): SWF/LF

The Solid Waste Information System (SWIS) database made available by the Department of Resources Recycling and Recovery (CalRecycle) contains information on solid waste facilities, operations, and disposal sites throughout the State of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites.

Government Publication Date: Feb 15, 2024

Solid Waste Disposal Sites with Waste Constituents Above Hazardous Waste Levels: SWRCB SWF

This is a list of solid waste disposal sites identified by California State Water Resources Control Board with waste constituents above hazardous waste levels outside the waste management unit.

Government Publication Date: Sep 20, 2006

Waste Management Unit Database: WMUD

The Waste Management Unit Database System tracks and inventories waste management units. CCR Title 27 contains criteria stating that Waste Management Units are classified according to their ability to contain wastes. Containment shall be determined by geology, hydrology, topography, climatology, and other factors relating to the ability of the Unit to protect water quality. Water Code Section 13273.1 requires that operators submit a water quality solid waste assessment test (SWAT) report to address leak status. The WMUDS was last updated by the State Water Resources control board in 2000.

Government Publication Date: Jan 1, 2000

EnviroStor Hazardous Waste Facilities: HWP

A list of hazardous waste facilities including permitted, post-closure and historical facilities found in the Department of Toxic Substances Control (DTSC) EnviroStor database.

Government Publication Date: Feb 15, 2024

Sites Listed in the Solid Waste Assessment Test (SWAT) Program Report: SWAT

In a 1993 Memorandum of Understanding, the State Water Resources Control Board (SWRCB) agreed to submit a comprehensive report on the Solid Waste Assessment Test (SWAT) Program to the California Integrated Waste Management Board (CIWMB). This report summarizes the work completed to date on the SWAT Program, and addresses both the impacts that leakage from solid waste disposal sites (SWDS) may have upon waters of the State and the actions taken to address such leakage.

Government Publication Date: Dec 31, 1995

Construction and Demolition Debris Recyclers: C&D DEBRIS RECY

This listing of Construction and Demolition Debris Recyclers is maintained by the California Intergrated Waste Management Board-common C&D materials include lumber, drywall, metals, masonry (brick, concrete, etc.), carpet, plastic, pipe, rocks, dirt, paper, cardboard, or green waste related to land development.

Government Publication Date: Jun 20, 2018

Recycling Centers: RECYCLING

This list of Certified Recycling Centers that are operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Jan 17, 2024

Listing of Certified Processors: PROCESSORS

This list of Certified Processors that are operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Jan 17, 2024

Listing of Certified Dropoff, Collection, and Community Service Programs: CONTAINER RECY

This list of Certified Dropoff, Collection, and Community Service Programs (non-buyback) operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Jan 22, 2024

Land Disposal Sites: LDS

Land Disposal Sites in GeoTracker, the State Water Resources Control Board (SWRCB)'s data management system. The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units. Waste management units include waste piles, surface impoundments, and landfills.

Government Publication Date: Nov 30, 2023

Leaking Underground Fuel Tank Reports: LUST

List of Leaking Underground Storage Tanks within the Cleanup Sites data in GeoTracker database. GeoTracker is the State Water Resources Control Board's (SWRCB) data management system for managing sites that impact groundwater, especially those that require groundwater cleanup (Underground Storage Tanks, Department of Defense and Site Cleanup Program) as well as permitted facilities such as operating Underground Storage Tanks. The Leak Prevention Program that overlooks LUST sites is the SWRCB in California's Environmental Protection Agency.

Government Publication Date: Nov 30, 2023

Delisted Leaking Storage Tanks: DELISTED LST

List of Leaking Underground Storage Tanks (LUST) cleanup sites removed from GeoTracker, the State Water Resources Control Board (SWRCB)'s database system, as well as sites removed from the SWRCB's list of UST Case closures.

Government Publication Date: Nov 30, 2023

Permitted Underground Storage Tank (UST) in GeoTracker: UST

List of Permitted Underground Storage Tank (UST) sites made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA).

Government Publication Date: Feb 15, 2024

Proposed Closure of Underground Storage Tank Cases: UST CLOSURE

This listing includes Proposed Closure of Underground Storage Tank (UST) Cases which are being considered for closure by either the State Water Resources Control Board at a Future Board Meeting or the Executive Director that have been posted for a 60-day public comment period, and Closure of UST Cases with Closure Denials and Approved Orders. The lists are provided by the California Water Boards.

Government Publication Date: Dec 22, 2023

Historical Hazardous Substance Storage Information Database: HHSS

The Historical Hazardous Substance Storage database contains information collected in the 1980s from facilities that stored hazardous substances. The information was originally collected on paper forms, was later transferred to microfiche, and recently indexed as a searchable database. When using this database, please be aware that it is based upon self-reported information submitted by facilities which has not been independently verified. It is unlikely that every facility responded to the survey and the database should not be expected to be a complete inventory of all facilities that were operating at that time. This database is maintained by the California State Water Resources Control Board's (SWRCB) Geotracker.

Government Publication Date: Aug 27, 2015

Statewide Environmental Evaluation and Planning System: UST SWEEPS

The Statewide Environmental Evaluation and Planning System (SWEEPS) is a historical listing of active and inactive underground storage tanks made available by the California State Water Resources Control Board (SWRCB).

Government Publication Date: Oct 1, 1994

Aboveground Storage Tanks: AST

A statewide list from 2009 of aboveground storage tanks (ASTs) made available by the Cal FIRE Office of the State Fire Marshal (OSFM). This list is no longer maintained or updated by the Cal FIRE OSFM.

Government Publication Date: Aug 31, 2009

SWRCB Historical Aboveground Storage Tanks: AST SWRCB

A list of aboveground storage tanks made available by the California State Water Resources Control Board (SWRCB). Effective January 1, 2008, the Certified Unified Program Agencies (CUPAs) are vested with the responsibility and authority to implement the Aboveground Petroleum Storage Act (APSA).

Government Publication Date: Dec 1, 2007

Oil and Gas Facility Tanks: TANK OIL GAS

Locations of oil and gas tanks that fall under the jurisdiction of the Geologic Energy Management Division of the California Department of Conservation (CalGEM) (CCR 1760). CalGEM was formerly the Division of Oil, Gas, and Geothermal Resources (DOGGR).

Government Publication Date: Jan 24, 2024

Delisted Storage Tanks: DELISTED TNK

This database contains a list of storage tank sites that were removed by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA) and the Cal FIRE Office of State Fire Marshal (OSFM).

Government Publication Date: Mar 26, 2024

California Environmental Reporting System (CERS) Tanks: CERS TANK

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

Government Publication Date: Jan 17, 2024

Delisted California Environmental Reporting System (CERS) Tanks: DELISTED CTNK

This database contains a list of Aboveground Petroleum Storage and Underground Storage Tank sites that were removed from in the California Environmental Protection Agency (CalEPA) Regulated Site Portal.

Government Publication Date: Jan 17, 2024

Historical Hazardous Substance Storage Container Information - Facility Summary: HIST TANK

The State Water Resources Control Board maintained the Hazardous Substance Storage Containers listing and inventory in th 1980s. This facility summary lists historic tank sites where the following container types were present: farm motor vehicle fuel tanks; waste tanks; sumps; pits, ponds, lagoons, and others; and all other product tanks. This set, published in May 1988, lists facility and owner information, as well as the number of containers. This data is historic and will not be updated.

Government Publication Date: May 27, 1988

Site Mitigation and Brownfields Reuse Program Facility Sites with Land Use Restrictions: LUR

The Department of Toxic Substances Control (DTSC) Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents land use restrictions that are active. Some sites have multiple land use restrictions.

Government Publication Date: Feb 15, 2024

CALSITES Database: CALSITES

This historical database was maintained by the Department of Toxic Substance Control (DTSC) for more than a decade. CALSITES contains information on Brownfield properties with confirmed or potential hazardous contamination. In 2006, DTSC introduced EnviroStor as the latest Brownfields site database.

Government Publication Date: May 1, 2004

Hazardous Waste Management Program Facility Sites with Deed / Land Use Restrictions: HLUR

The Department of Toxic Substances Control (DTSC) Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Government Publication Date: Feb 18, 2021

Deed Restrictions and Land Use Restrictions: DEED

List of Deed Restrictions, Land Use Restrictions and Covenants in GeoTracker made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency. A deed restriction (land use covenant) may be required to facilitate the remediation of past environmental contamination and to protect human health and the environment by reducing the risk of exposure to residual hazardous materials.

Government Publication Date: Nov 30, 2023

Voluntary Cleanup Program: VCP

List of sites in the Voluntary Cleanup Program made available by the Department of Toxic Substances and Control (DTSC). The Voluntary Cleanup Program was designed to respond to lower priority sites. Under the Voluntary Cleanup Program, DTSC enters site-specific agreements with project proponents for DTSC oversight of site assessment, investigation, and/or removal or remediation activities, and the project proponents agree to pay DTSC's reasonable costs for those services.

Government Publication Date: Feb 15, 2024

GeoTracker Cleanup Program Sites: CLEANUP SITES

A list of Cleanup Program sites in the state of California made available by The State Water Resources Control Board (SWRCB) of the California Environmental Protection Agency (EPA). SWRCB tracks leaking underground storage tank cleanups as well as other water board cleanups.

Government Publication Date: Nov 30, 2023

Delisted Cleanup Program Sites: DELISTED CLEANUP

A list of Cleanup Program sites which were once included - and have since been removed from - the list of Cleanup Program Sites in GeoTracker. GeoTracker is the State Water Resource Control Boards' data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.
Government Publication Date: Nov 30, 2023

Delisted County Records: DELISTED COUNTY
Records removed from county or CUPA databases. Records may be removed from the county lists made available by the respective county departments because they are inactive, or because they have been deemed to be below reportable thresholds.
Government Publication Date: Mar 20, 2024

Tribal

Leaking Underground Storage Tanks on Tribal/Indian Lands: INDIAN LUST
This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 9, which includes California, is made available by the United States Environmental Protection Agency (EPA).
Government Publication Date: Oct 25, 2023

Underground Storage Tanks on Tribal/Indian Lands: INDIAN UST
This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 9, which includes California, is made available by the United States Environmental Protection Agency (EPA).
Government Publication Date: Oct 25, 2023

Delisted Tribal Leaking Storage Tanks: DELISTED INDIAN LST
Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).
Government Publication Date: Oct 25, 2023

Delisted Tribal Underground Storage Tanks: DELISTED INDIAN UST
Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).
Government Publication Date: Oct 25, 2023

County

Los Angeles County - Site Mitigation List: SML LA
A Site Mitigation List in the County of Los Angeles. The list is made available by Los Angeles County Fire Department. Site mitigation is handled by the Site Mitigation Unit (SMU) which facilitates completion of site clean-up projects of contaminated sites in an expeditious manner in all cities of the Los Angeles County except El Segundo, Glendale, Long Beach, Santa Fe Springs, and Vernon.
Government Publication Date: Jul 11, 2023

Los Angeles County - Solid Waste Sites: SWF LA COUNTY
List of permitted solid waste facilities, closed landfills, historical dumpsites and other solid waste sites in Los Angeles County, made available by the Department of Public Works in Los Angeles County.
Government Publication Date: Mar 8, 2024

Los Angeles County - CUPA Program Records: CUPA LA COUNTY
A list of inspection and enforcement records for active and inactive CUPA Program facilities, made available by the Health Hazardous Materials Division (HHMD) of the County of Los Angeles Fire Department. Includes Hazardous Materials Business Plan (HMBP), California Accidental Release Prevention Plan (CalARP), Hazardous Waste Generator (HWG), and the Aboveground Petroleum Storage Act Programs (APSA). Inactive programs include facilities that are out of business or no longer regulated by the HHMD.
Government Publication Date: Mar 25, 2020

Los Angeles County - HMS List: HMS LA
List of sites in the Los Angeles County Department of Public Works Hazardous Materials System (HMS) Database which have or have had permits for Industrial Waste, Underground Storage Tanks, or Stormwater in the county of Los Angeles.
Government Publication Date: Jan 16, 2024

Los Angeles County - San Gabriel Valley Areas of Concern: AOCONCERN

The San Gabriel Valley Superfund sites include multiple areas of contaminated groundwater in the 170-square-mile San Gabriel Valley. The contaminated areas underlie significant portions of the cities of Alhambra, Arcadia, Azusa, Baldwin Park, Industry, Irwindale, El Monte, La Puente, Monrovia, Rosemead, South El Monte, and West Covina. The groundwater contamination was first detected in 1979. Following this discovery, the California Department of Health Services (CDHS) initiated a well sampling program to assess the extent of contamination. By 1984, when EPA added four areas of contamination to the National Priorities List (NPL), 59 wells were known to be contaminated with high levels of volatile organic compounds (VOCs). These data, made available by the Region 9 Environmental Protection Agency (EPA) office, include operable units for the 4 NPL sites, as well as deep and shallow plumes.

Government Publication Date: Aug 26, 2015

Los Angeles County - Santa Fe Springs Underground Storage Tank: UST SANTAFESP

A list of registered active Underground Storage Tanks (USTs) in the City of Santa Fe Springs. This list is made available by Santa Fe Springs Department of Fire-Rescue.

Government Publication Date: Feb 11, 2022

Los Angeles County - Long Beach UST List: UST LONGB

List of registered Underground Storage Tanks (USTs) in the City of Long Beach, Los Angeles County, made available by the Long Beach Certified Unified Program Agency (CUPA). The Long Beach CUPA operates under oversight shared by the Long Beach Fire Department and Health Department.

Government Publication Date: Jul 9, 2018

Los Angeles County - Burbank City CUPA List: CUPA BURBANK

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in the City of Burbank. This list is made available by the City of Burbank Fire Department.

Government Publication Date: Aug 21, 2019

Los Angeles County - El Segundo City Underground Storage Tanks List: UST ELSEGUNDO

List of registered Underground Storage Tanks (USTs) in the City of El Segundo of Los Angeles County, made available by El Segundo City Fire Department.

Government Publication Date: Jan 17, 2017

Los Angeles County - Santa Monica City Underground Storage Tank List: UST SANTA MONICA

A list of registered active Underground Storage Tanks (USTs) in the City of Santa Monica made available by Santa Monica Fire Prevention Division.

Government Publication Date: Dec 3, 2020

Los Angeles County - Santa Monica City Aboveground Storage Tank List: AST SANTAMON

List of registered Aboveground Storage Tanks (ASTs) made available by the Santa Monica Fire Department in the City of Santa Monica of Los Angeles County, California.

Government Publication Date: Jan 20, 2023

Los Angeles County - Santa Monica City CUPA Facilities List: CUPA SANTAMON

The Santa Monica Fire Department's office maintains a list of CUPA Facilities located in Santa Monica city.

Government Publication Date: Jan 14, 2022

Los Angeles County - Torrance City Underground Storage Tanks: UST TORRANCE

A list of registered Underground Storage Tank (UST) sites in Torrance City of Los Angeles County. This list is made available by Torrance City Office of Clerk.

Government Publication Date: Apr 20, 2022

Los Angeles County - Vernon City UST List: UST VERNON

A list of Underground Storage Tanks (UST) in Vernon City provided by the Vernon City Fire Department.

Government Publication Date: Aug 25, 2022

Los Angeles County - Vernon City CUPA List: CUPA VERNON

The Vernon City Fire Department's office maintains a list of CUPA Facilities located in Vernon city.

Government Publication Date: Aug 25, 2022

Los Angeles County - City of Los Angeles UST List: UST LA CITY

A list of active and inactive underground storage tank facilities made available by the Los Angeles Fire Department CUPA.

Government Publication Date: Jan 2, 2024

Los Angeles County - City of Los Angeles AST List: AST LA CITY

A list of active and inactive above ground petroleum storage tanks made available by the Los Angeles Fire Department CUPA.

Government Publication Date: Jun 1, 2019

Los Angeles County - City of Los Angeles Hazardous Materials Facilities: HAZMAT LA CITY

A list of active and inactive hazardous materials facilities made available by the Los Angeles Fire Department CUPA.

Government Publication Date: Jun 1, 2019

Additional Environmental Record Sources

Federal

PFAS Greenhouse Gas Emissions Data: PFAS GHG

The U.S. Environmental Protection Agency's Greenhouse Gas Reporting Program (GHGRP) collects Greenhouse Gas (GHG) data from large emitting facilities (25,000 metric tons of carbon dioxide equivalent (CO2e) per year), and suppliers of fossil fuels and industrial gases that results in GHG emissions when used. Includes GHG emissions data for facilities that emit or have emitted since 2010 chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures by DSSTox. PFAS emissions data has been identified for facilities engaged in the following industrial processes: Aluminum Production (GHGRP Subpart F), HCFC-22 Production and HFC-23 Destruction (Subpart O), Electronics Manufacturing (Subpart I), Fluorinated Gas Production (Subpart L), Magnesium Production (Subpart T), Electrical Transmission and Distribution Equipment Use (Subpart DD), and Manufacture of Electric Transmission and Distribution Equipment (Subpart SS). Over time, other industrial processes with required GHGRP reporting may include PFAS emissions data and the list of reportable gases may change over time.

Government Publication Date: Nov 15, 2023

Facility Registry Service/Facility Index: FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Feb 9, 2024

Toxics Release Inventory (TRI) Program: TRIS

The U.S. Environmental Protection Agency's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of toxic chemicals from U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. There are currently 770 individually listed chemicals and 33 chemical categories covered by the TRI Program. Facilities that manufacture, process or otherwise use these chemicals in amounts above established levels must submit annual reporting forms for each chemical. Note that the TRI chemical list does not include all toxic chemicals used in the U.S. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment. This database includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

Government Publication Date: Sep 20, 2023

PFOA/PFOS Contaminated Sites: PFAS NPL

This list of Superfund Sites with Per- and Polyfluoroalkyl Substances (PFAS) detections is made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data, previously the list was obtained by EPA FOIA requests. EPA's Office of Land and Emergency Management and EPA Regional Offices maintain what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment. Limitations: Detections of PFAS at National Priorities List (NPL) sites do not mean that people are at risk from PFAS, are exposed to PFAS, or that the site is the source of the PFAS. The information in the Superfund NPL and Superfund Alternative Agreement (SAA) PFAS detection site list is years old and may not be accurate today. Site information such as site name, site ID, and location has been confirmed for accuracy; however, PFAS-related information such as media sampled, drinking water being above the health advisory, or mitigation efforts has not been verified. For Federal Facilities data, the other Federal agencies (OFA) are the lead agency for their data and provided them to EPA.

Government Publication Date: Mar 19, 2024

Federal Agency Locations with Known or Suspected PFAS Detections: PFAS FED SITES

List of Federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS), made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data. EPA outlines that these data are gathered from several federal entities, such as the Federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration, Department of Transportation, and Department of Energy. The dates this data was extracted for the PFAS Analytic Tools range from March 2022 to September 2023. Sites on this list do not necessarily reflect the source/s of PFAS contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

Government Publication Date: Sep 5, 2023

SSEHRI PFAS Contamination Sites: PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Locations for the Known PFAS Contamination Sites are sourced from the PFAS Sites and Community Resources Map, credited to the Northeastern University's PFAS Project Lab, Silent Spring Institute, and the PFAS-REACH team. Disclaimer: The source conveys the data undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Access the following source link for the most current information: https://pfasproject.com/pfas-sites-and-community-resources/

Government Publication Date: May 19, 2023

National Response Center PFAS Spills: ERNS PFAS

This Per- and Poly-Fluoroalkyl Substances (PFAS) Spills dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The National Response Center (NRC), operated by the U.S. Coast Guard, is the designated federal point of contact for reporting all oil, chemical, and other discharges into the environment, for the United States and its territories. This dataset contains NRC spill information from 1990 to the present that is restricted to records associated with PFAS and PFAS-containing materials. Incidents are filtered to include only records with a "Material Involved" or "Incident Description" related to Aqueous Film Forming Foam (AFFF). The keywords used to filter the data included "AFFF," "Fire Fighting Foam," "Aqueous Film Forming Foam," "Fire Suppressant Foam, "PFAS," "PERFL," "PFOA," "PFOS," and "Genx." Limitations: The data from the NRC website contains initial incident data that has not been validated or investigated by a federal/state response agency. Keyword searches may misidentify some incident reports that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS spills/release incidents.

Government Publication Date: Jan 24, 2024

PFAS NPDES Discharge Monitoring: PFAS NPDES

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

Government Publication Date: Feb 19, 2024

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a per- or polyfluoroalkyl (PFAS) substance included in the U.S. Environmental Protection Agency's (EPA) consolidated PFAS Master List of PFAS Substances. Encompasses Toxics Release Inventory records included in the EPA PFAS Analytic Tools. The EPA's TRI database currently tracks information on disposal or releases of 770 individually listed toxic chemicals and 33 chemical categories from thousands of U.S. facilities and details about how facilities manage those chemicals through recycling, energy recovery, and treatment. This listing includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

Government Publication Date: Sep 20, 2023

Perfluorinated Alkyl Substances (PFAS) Water Quality: PFAS WATER

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

PFAS TSCA Manufacture and Import Facilities: PFAS TSCA

The U.S. Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. This list is specific only to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl (PFAS) substances. Data file is sourced from EPA's PFAS Analytic Tools TSCA dataset which includes CDR/Inventory Update Reporting data from 1998 up to 2020. Disclaimer: This data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

Government Publication Date: Jan 5, 2023

PFAS Waste Transfers from RCRA e-Manifest : PFAS E-MANIFEST

This Per- and Poly-Fluoroalkyl Substances (PFAS) Waste Transfers dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. Every shipment of hazardous waste in the U.S. must be accompanied by a shipment manifest, which is a critical component of the cradle-to-grave tracking of wastes mandated by the Resource Conservation and Recovery Act (RCRA). According to the EPA, currently no Federal Waste Code exists for any PFAS compounds. To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: • PFAS • PFOA • PFOS • PERFL • AFFF • GENX • GEN-X (plus the Vermont state-specific waste codes). Limitations: Amount or concentration of PFAS being transferred cannot be determined from the manifest information. Keyword searches may misidentify some manifest records that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS waste transfers.

Government Publication Date: Feb 25, 2024

PFAS Industry Sectors: PFAS IND

This Per- and Poly-Fluoroalkyl Substances (PFAS) Industry Sectors dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The EPA developed the dataset from various sources that show which industries may be handling PFAS including: EPA's Enforcement and Compliance History Online (ECHO) records restricted to potential PFAS-handling industry sectors; ECHO records for Fire Training Sites identified where fire-fighting foam may have been used in training exercises; and 14 CFR Part 139 Airports compiled from historic and current records from the FAA Airport Data and Information Portal. Since July 2006, all certificated Part 139 Airports are required to have fire-fighting foam onsite that meet certain military specifications, which to date have been fluorinated (Aqueous Film Forming Foam). Limitations: Inclusion in this dataset does not indicate that PFAS are being manufactured, processed, used, or released by the facility. Listed facilities potentially handle PFAS based on their industrial profile, but are unconfirmed by the EPA. Keyword searches in ECHO for Fire Training sites may misidentify some facilities and should not be considered to be an exhaustive list of fire training facilities in the U.S.

Government Publication Date: Dec 4, 2023

Hazardous Materials Information Reporting System: HMIRS

The Hazardous Materials Incident Reporting System (HMIRS) database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration.

Government Publication Date: Nov 26, 2023

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Jul 26, 2023

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.
Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN
An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.
Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP
An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.
Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP
Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).
Government Publication Date: Jan 26, 2024

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER
The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.
Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS
The Integrated Compliance Information System (ICIS) database contains integrated enforcement and compliance information across most of U.S. Environmental Protection Agency's (EPA) programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained by the EPA Headquarters and at the Regional offices. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.
Government Publication Date: Aug 26, 2023

Drycleaner Facilities: FED DRYCLEANERS
A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. The EPA tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.
Government Publication Date: Jan 20, 2024

Delisted Drycleaner Facilities: DELISTED FED DRY
List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).
Government Publication Date: Jan 20, 2024

Formerly Used Defense Sites: FUDS
Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset which applies to the Fiscal Year 2021 FUDS Inventory.

Government Publication Date: May 15, 2023

FUDS Munitions Response Sites: FUDS MRS

Boundaries of Munitions Response Sites (MRS), published with the Formerly Used Defense Sites (FUDS) Annual Report to Congress (ARC) by the U.S. Army Corps of Engineers (USACE). An MRS is a discrete location within a Munitions response area (MRA) that is known to require a munitions response. An MRA means any area on a defense site that is known or suspected to contain unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC). This data is compiled from the USACE's Geospatial MRS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) MRS dataset.

Government Publication Date: May 15, 2023

Former Military Nike Missile Sites: FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents: PIPELINE INCIDENT

This list of flagged pipeline incidents is made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types. Accidents reported on hazardous liquid gravity lines (§195.13) and reporting-regulated-only hazardous liquid gathering lines (§195.15) and incidents reported on Type R gas gathering (§192.8(c)) are not included in the flagged incident file data.

Government Publication Date: Nov 6, 2023

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) is provided by the United States Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: May 1, 2023

Surface Mining Control and Reclamation Act Sites: SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). This inventory contains information on the type and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The data is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed. Disclaimer: Per the OSMRE, States and tribes who enter their data into eAMLIS (AML Inventory System) may truncate their latitude and longitude so the precise location of usually dangerous AMLs is not revealed in an effort to protect the public from searching for these AMLs, most of which are on private property. If more precise location information is needed, please contact the applicable state/tribe of interest.

Government Publication Date: Jun 13, 2023

Mineral Resource Data System: MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites: LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Tile II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Dec 12, 2023

Alternative Fueling Stations: ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG), and Renewable Diesel (R20 and above) fuel type locations.

Government Publication Date: Nov 27, 2023

Superfunds Consent Decrees: CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS) since 2010. CMS may not reflect the latest developments in a case nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Apr 19, 2023

Air Facility System: AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments: SSTS

This national list of active EPA-registered foreign and domestic pesticide and/or device-producing establishments is based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that each producing establishment must place its EPA establishment number on the label or immediate container of each pesticide, active ingredient or device produced. An EPA establishment number on a pesticide product label identifies the EPA registered location where the product was produced. The list of establishments is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Mar 1, 2023

Polychlorinated Biphenyl (PCB) Transformers: PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Oct 30, 2023

State

PFAS Sampling Locations: PFAS SAMPLING

This data is sourced from the State Water Board's GeoTracker Per- and Polyfluoroalkyl Substances (PFAS) Map tool which contains individual sampling points (i.e., soil boring, groundwater monitoring well, drinking water well for municipal drinking water systems, etc.) or a site location with PFAS analytical data. Includes analytical results that are finalized and submitted electronically by the Responsible Parties via GeoTracker's Electronic Submittal of Information Portal, and after it's accepted by a Regional Water Quality Control Board.

Government Publication Date: Jan 2, 2024

Dry Cleaning Facilities: DRYCLEANERS

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial, linen supply, commercial laundry, dry cleaning and pressing machines - Coin Operated Laundry and Dry Cleaning. This is provided by the Department of Toxic Substance Control.

Government Publication Date: Dec 20, 2021

Delisted Drycleaners: DELISTED DRYCLEANERS

Sites removed from the list of drycleaner related facilities that have EPA ID numbers, made available by the California Department of Toxic Substance Control.

Government Publication Date: Jan 31, 2022

Non-Toxic Dry Cleaning Incentive Program: DRYC GRANT

A list of grant recipients of the Non-Toxic Dry Cleaning Incentive Program made available by the California Air Resources Board (CARB). The program provides grants to eligible dry cleaning businesses to assist them in transitioning away from PERC machines to alternative non-toxic and non-smog forming technologies.

Government Publication Date: Jan 31, 2022

PFAS GeoTracker Cleanup Sites: PFAS GT CLEANUPS

A list of applicable cleanup sites from the State Water Resources Control Board's (SWRCB) GeoTracker data management system where one or more of the potential contaminants of concern are identified in the PFAS Master List of PFAS Substances made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Nov 30, 2023

PFOA/PFOS Groundwater: PFAS GW

A list of water wells from the Groundwater Ambient Monitoring and Assessment Program (GAMA) Groundwater Information System with the groundwater chemical perfluorooctanoic acid (PFOA) (NL = 0.014 UG/L) or perfluorooctanoic sulfonate (PFOS) (NL = 0.013 UG/L). The GAMA Groundwater Information System search is made available by California Water Boards.

Government Publication Date: Jan 7, 2024

PFAS Investigations: PFAS INVEST

This list of potential Per- and Polyfluoroalkyl Substance (PFAS) sites is compiled from the California State Water Resources Control Board's (SWRCB) PFAS Investigations Map tool. The SWRCB issued investigative orders, per California Water Code (CWC) Section 13267 and/or 13383, to these sites. This does not mean that PFAS has been produced, used, or discharged at these sites. Orders were also issued to the public water systems to sample wells in the vicinity of these locations. The data includes locations for airports, landfills, suspected chrome plating facilities, publicly owned treatment works (aka wastewater treatment plants), bulk fuel terminals, refineries, and military facilities that have potential sources of PFAS.

Government Publication Date: Nov 28, 2022

Hazardous Waste and Substances Site List - Site Cleanup: HWSS CLEANUP

The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites. This list is published by California Department of Toxic Substance Control.

Government Publication Date: Mar 15, 2023

Toxic Pit Cleanup Act Sites: TOXIC PITS

The Toxic Pits Cleanup Act (TPCA) list identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. This list was maintained by the State Water Resources Control Board (SWRCB), is not longer maintained, and updates are not planned.

Government Publication Date: Jul 1, 1995

List of Hazardous Waste Facilities Subject to Corrective Action: DTSC HWF

This is a list of hazardous waste facilities identified in Health and Safety Code (HSC) § 25187.5. These facilities are those where Department of Toxic Substances Control (DTSC) has taken or contracted for corrective action because a facility owner/operator has failed to comply with a date for taking corrective action in an order issued under HSC § 25187, or because DTSC determined that immediate corrective action was necessary to abate an imminent or substantial endangerment.

Government Publication Date: Jul 18, 2016

EnviroStor Inspection, Compliance, and Enforcement: INSP COMP ENF

A list of permitted facilities with inspections and enforcements tracked by the California Department of Toxic Substance Control's (DTSC) EnviroStor data management system.

Government Publication Date: Nov 23, 2023

School Property Evaluation Program Sites: SCH

A list of sites registered with The Department of Toxic Substances Control (DTSC) School Property Evaluation and Cleanup (SPEC) Division. SPEC is responsible for assessing, investigating and cleaning up proposed school sites. The Division ensures that selected properties are free of contamination or, if the properties were previously contaminated, that they have been cleaned up to a level that protects the students and staff who will occupy the new school.

Government Publication Date: Feb 15, 2024

California Hazardous Material Incident Report System (CHMIRS): CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS). This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Oct 16, 2023

Historical California Hazardous Material Incident Report System (CHMIRS): HIST CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS) prior to 1993. This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Jan 1, 1993

Handlers from Hazardous Waste Manifest Data: HAZNET

A list of handlers not otherwise classified as Treatment, Storage, Disposal facilities (TSDF) or generators from the facilities and manifests data made available by the California Department of Toxic Substances Control (DTSC) in their Hazardous Waste Tracking System (HWTS).

Government Publication Date: Oct 24, 2016

Generators from Hazardous Waste Manifest Data: HAZ GEN

List of handlers listed as having generated waste from the facilities and manifests data made available by the California Department of Toxic Substances Control (DTSC) in their Hazardous Waste Tracking System (HWTS).

Government Publication Date: Dec 31, 2017

TSDF from Hazardous Waste Manifest Data: HAZ TSD

List of Treatment, Storage, and Disposal Facilities (TSDFs) from the facilities and manifests data made available by the California Department of Toxic Substances Control (DTSC) in their Hazardous Waste Tracking System (HWTS).

Government Publication Date: Dec 31, 2017

Historical Hazardous Waste Manifest Data: HIST MANIFEST

A list of historic hazardous waste manifests received by the Department of Toxic Substances Control (DTSC) from year the 1980 to 1992. The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.

Government Publication Date: Dec 31, 1992

DTSC Registered Hazardous Waste Transporters: HW TRANSPORT

The California Department of Toxic Substances Control (DTSC) maintains this list of Registered Hazardous Waste Transporters.

Government Publication Date: Jan 2, 2024

Registered Waste Tire Haulers: WASTE TIRE

This list of registered waste tire haulers is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Mar 25, 2024

California Medical Waste Management Program Facility List: MEDICAL WASTE

This list of Medical Waste Management Program Facilities is maintained by the California Department of Public Health. The Medical Waste Management Program (MWMP) regulates the generation, handling, storage, treatment, and disposal of medical waste by providing oversight for the implementation of the Medical Waste Management Act (MWMA). The MWMP permits and inspects all medical waste off-site treatment facilities, medical waste transporters, and medical waste transfer stations. This list contains transporters, treatment, and transfer facilities.

Government Publication Date: Jan 8, 2024

Historical Cortese List: HIST CORTESE

List of sites which were once included on the Cortese list. The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements for providing information about the location of hazardous sites.

Government Publication Date: Nov 13, 2008

Cease and Desist Orders and Cleanup and Abatement Orders: CDO/CAO

The California Environment Protection Agency "Cortese List" of active Cease and Desist Orders (CDO) and Cleanup and Abatement Orders (CAO). This list contains many CDOs and CAOs that do NOT concern the discharge of wastes that are hazardous materials. Many of the listed orders concern, as examples, discharges of domestic sewage, food processing wastes, or sediment that do not contain hazardous materials, but the Water Boards' database does not distinguish between these types of orders.

Government Publication Date: Dec 6, 2021

California Environmental Reporting System (CERS) Hazardous Waste Sites: CERS HAZ

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

Government Publication Date: Jan 17, 2024

Delisted Environmental Reporting System (CERS) Hazardous Waste Sites: DELISTED HAZ

This database contains a list of sites that were removed from the California Environmental Protection Agency (CalEPA) in the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator.

Government Publication Date: Nov 29, 2018

Sites in GeoTracker: GEOTRACKER

GeoTracker is the State Water Resource Control Boards' data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater. This is a list of sites in GeoTracker that aren't otherwise categorized as LUST, Land Disposal Sites (LDS), Cleanup Sites, or sites having Waste Discharge Requirements (WDR). This listing includes program types such as Underground Injection Control (UIC), Confined Animal Facilities (CAF), Irrigated Lands Regulatory Program, plans, and non-case information.

Government Publication Date: Nov 30, 2023

Mines Listing: MINE

This list includes mine site locations extracted from the Mines Online database, maintained by the California Department of Conservation. Mines Online (MOL) is an interactive web map designed with GIS features that provide information such as the mine name, mine status, commodity sold, location, and other mine specific data. Please note: Mine location information is provided to assist experts in determining the location of mine operators in accordance with California Civil Code section 1103.4 and reflects information reported by mine operators in annual reports provided under Public Resources Code section 2207. While the Division of Mine Reclamation (DMR) attempts to populate MOL with accurate location information, the DMR cannot guarantee the accuracy of operator reported location information.

Government Publication Date: Jun 16, 2023

Recorded Environmental Cleanup Liens: LIEN

The California Department of Toxic Substance Control (DTSC) maintains this list of liens placed upon real properties. A lien is utilized by the DTSC to obtain reimbursement from responsible parties for costs associated with the remediation of contaminated properties.

Government Publication Date: Dec 18, 2023

Waste Discharge Requirements: WASTE DISCHG

List of sites in California State Water Resources Control Board (SWRCB) Waste Discharge Requirements (WDRs) Program in California, made available by the SWRCB via GeoTracker. The WDR program regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Government Publication Date: Nov 30, 2023

Toxic Pollutant Emissions Facilities: EMISSIONS

A list of criteria and toxic pollutant emissions data for facilities in California made available by the California Environmental Protection Agency - Air Resources Board (ARB). Risk data may be based on previous inventory submittals. The toxics data are submitted to the ARB by the local air districts as requirement of the Air Toxics "Hot Spots" Program. This program requires emission inventory updates every four years.

Government Publication Date: Dec 31, 2020

Clandestine Drug Lab Sites: CDL

The Department of Toxic Substances Control (DTSC) maintains a listing of drug lab sites. DTSC is responsible for removal and disposal of hazardous substances discovered by law enforcement officials while investigating illegal/clandestine drug laboratories.

Government Publication Date: Jan 19, 2021

Tribal

No Tribal additional environmental record sources available for this State.

County

Los Angeles County - Santa Monica City Hazardous Materials Facilities: HAZMAT SANTAMON

A list of Hazardous Materials Facilities in the City of Santa Monica, Los Angeles county. This list is made available by Santa Monica Fire Prevention Division which has been designated as the CUPA for the City.

Government Publication Date: Dec 17, 2021

Los Angeles County - Santa Monica City Hazardous Waste Facilities: HAZ WST SANTAMON

A list of Hazardous Waste Facilities in Los Angeles County, City of Santa Monica. This list is made available by Santa Monica Fire Prevention Division.

Government Publication Date: Jan 20, 2023

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

PSR
PHYSICAL SETTING REPORT

Property Information

Order Number:		24040400593p
Date Completed:		April 4, 2024
Project Number:		24-444561.1
Project Property:		1977 Saturn 1977 Saturn Street MONTEREY PARK CA 91755
Coordinates:		
	Latitude:	34.0403934
	Longitude:	-118.1140805
	UTM Northing:	3767202.29845 Meters
	UTM Easting:	397155.994003 Meters
	UTM Zone:	UTM Zone 11S
	Elevation:	381.86 ft
	Slope Direction:	SW

Topographic Information....2
Hydrologic Information....10
Geologic Information....15
Soil Information....17
Wells and Additional Sources....22
Summary....26
Detail Report....29
Radon Information....102
Appendix....103
Liability Notice....105

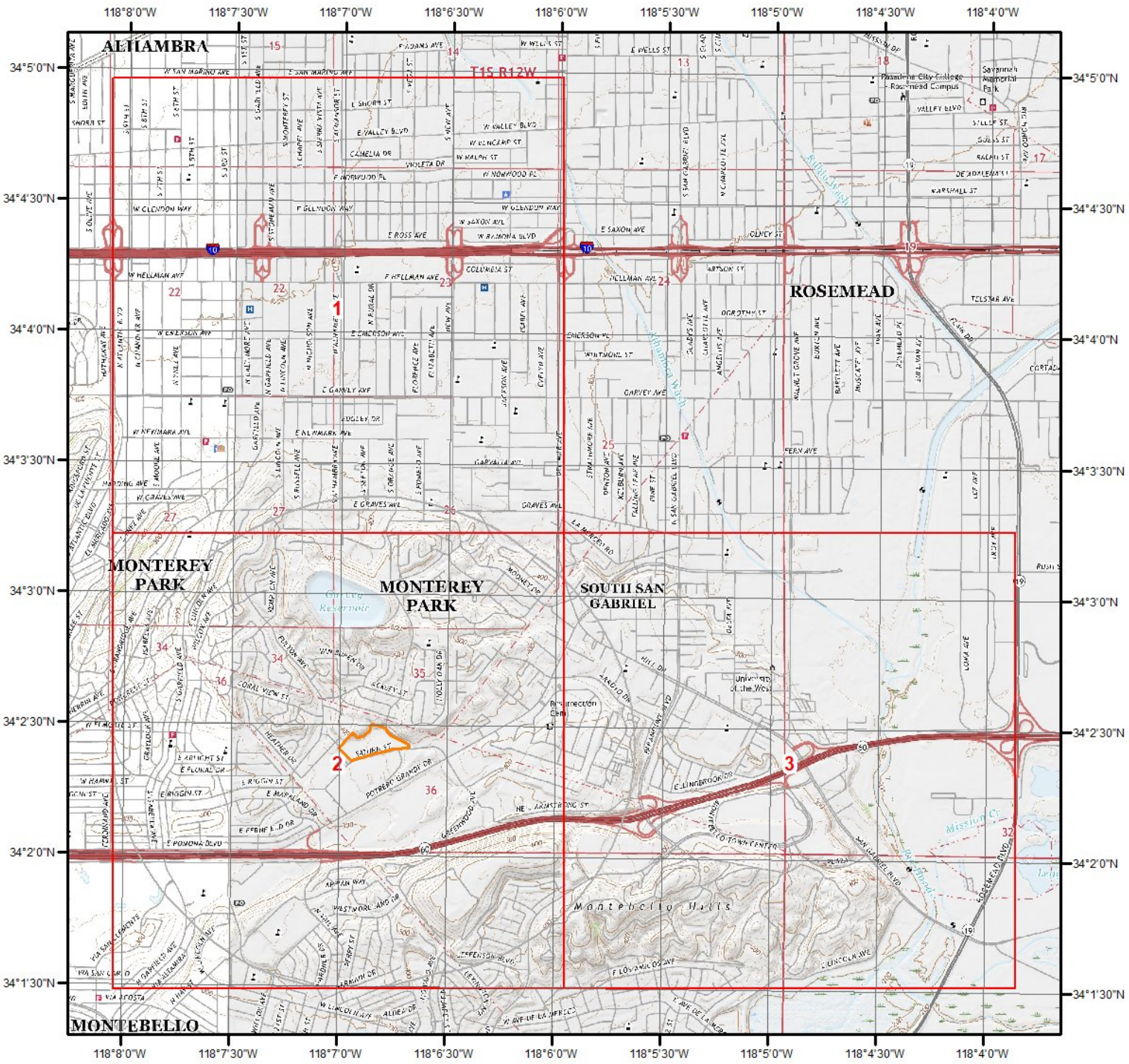
The ERIS ***Physical Setting Report - PSR*** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo (2021)

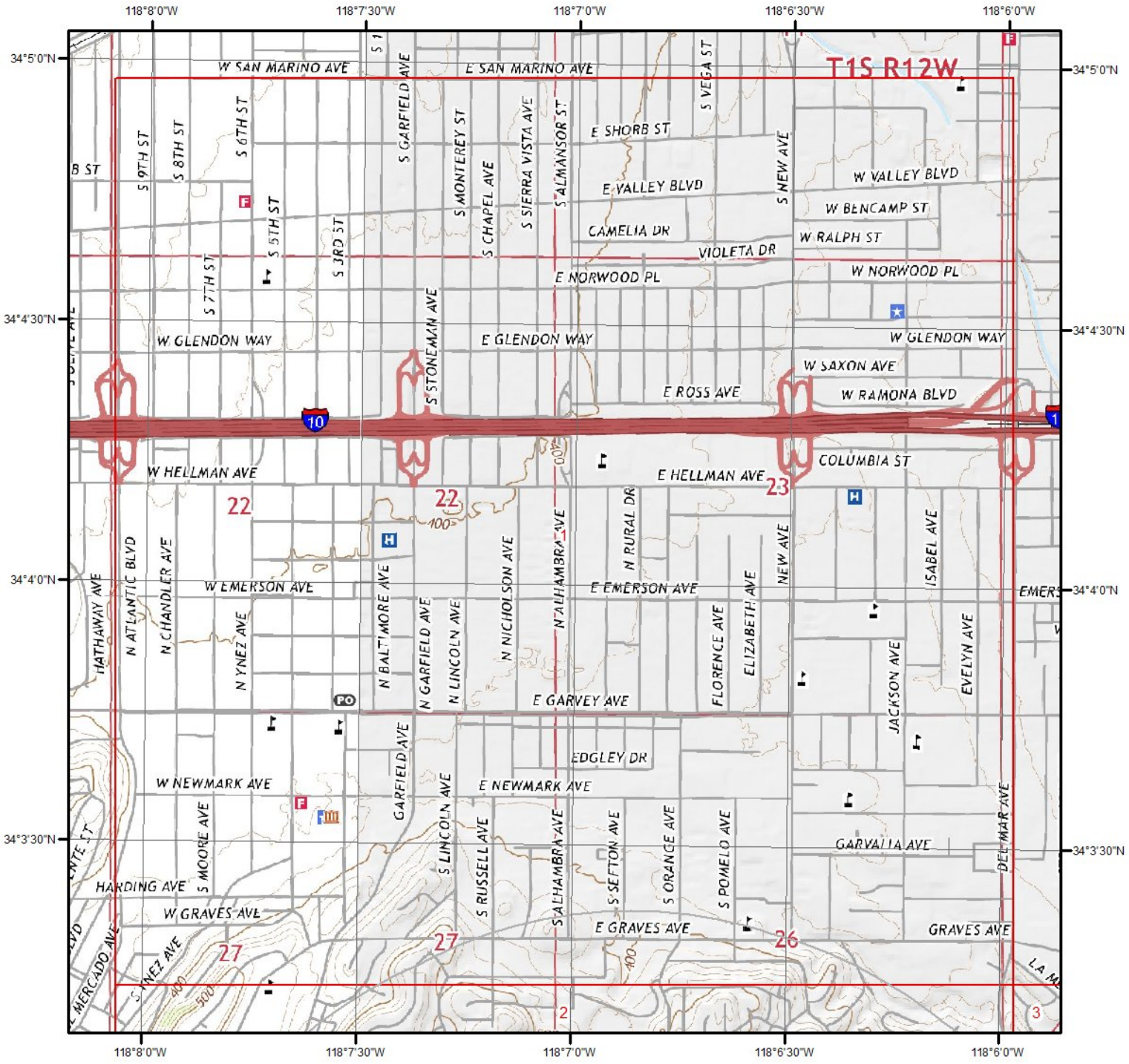
0 0.2 0.4 0.8 1.2 1.6 Miles

N

Quadrangle(s): Whittier,CA; El Monte,CA; Los Angeles,CA; South Gate,CA

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 1

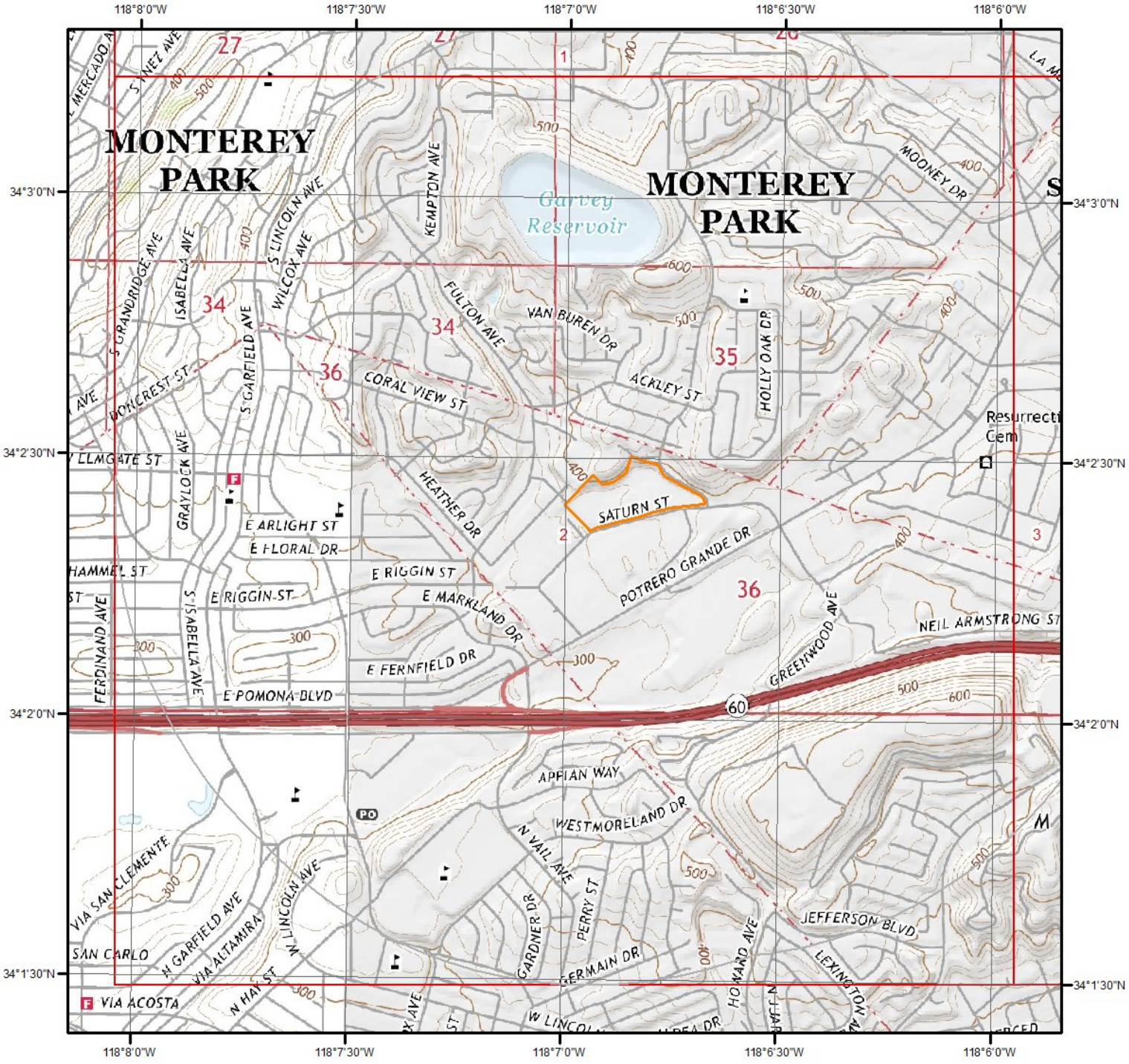
0 0.2 0.4 0.8 Miles

N

Quadrangle(s): El Monte,CA; Los Angeles,CA

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 2

0 0.2 0.4 0.8 Miles

N

Quadrangle(s): El Monte,CA; Los Angeles,CA

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 3

0 0.2 0.4 0.8 Miles

N

Quadrangle(s): El Monte,CA

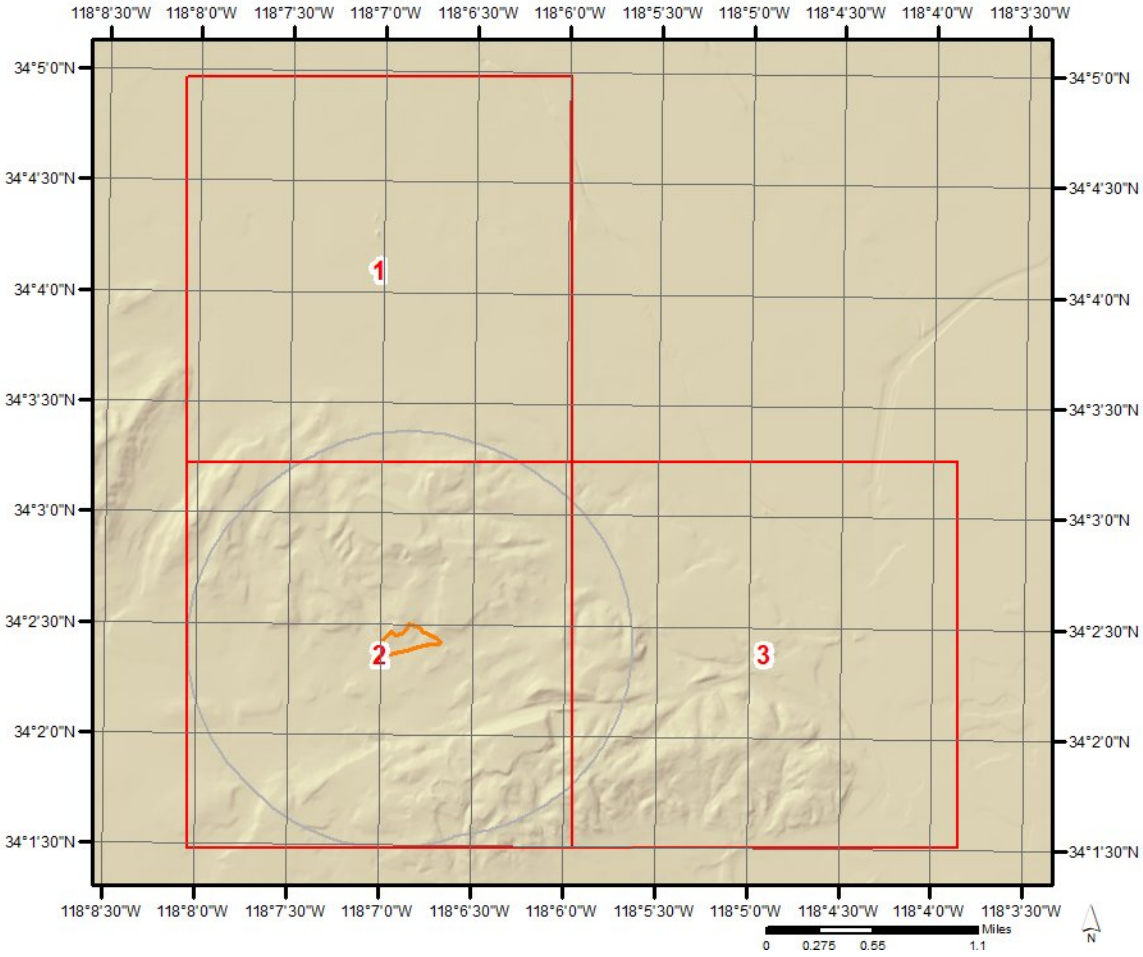
Source: USGS 7.5 Minute Topographic Map

Topographic Information

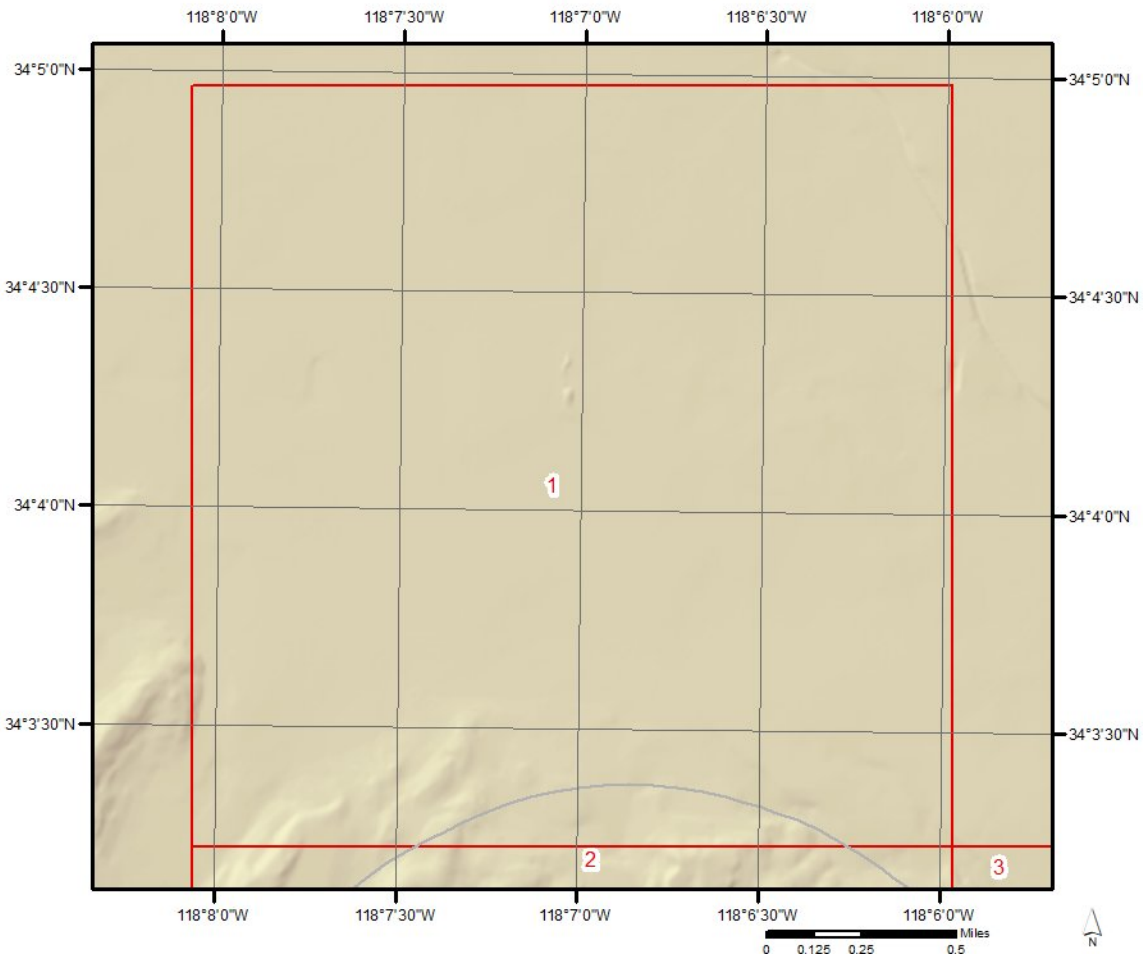
The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

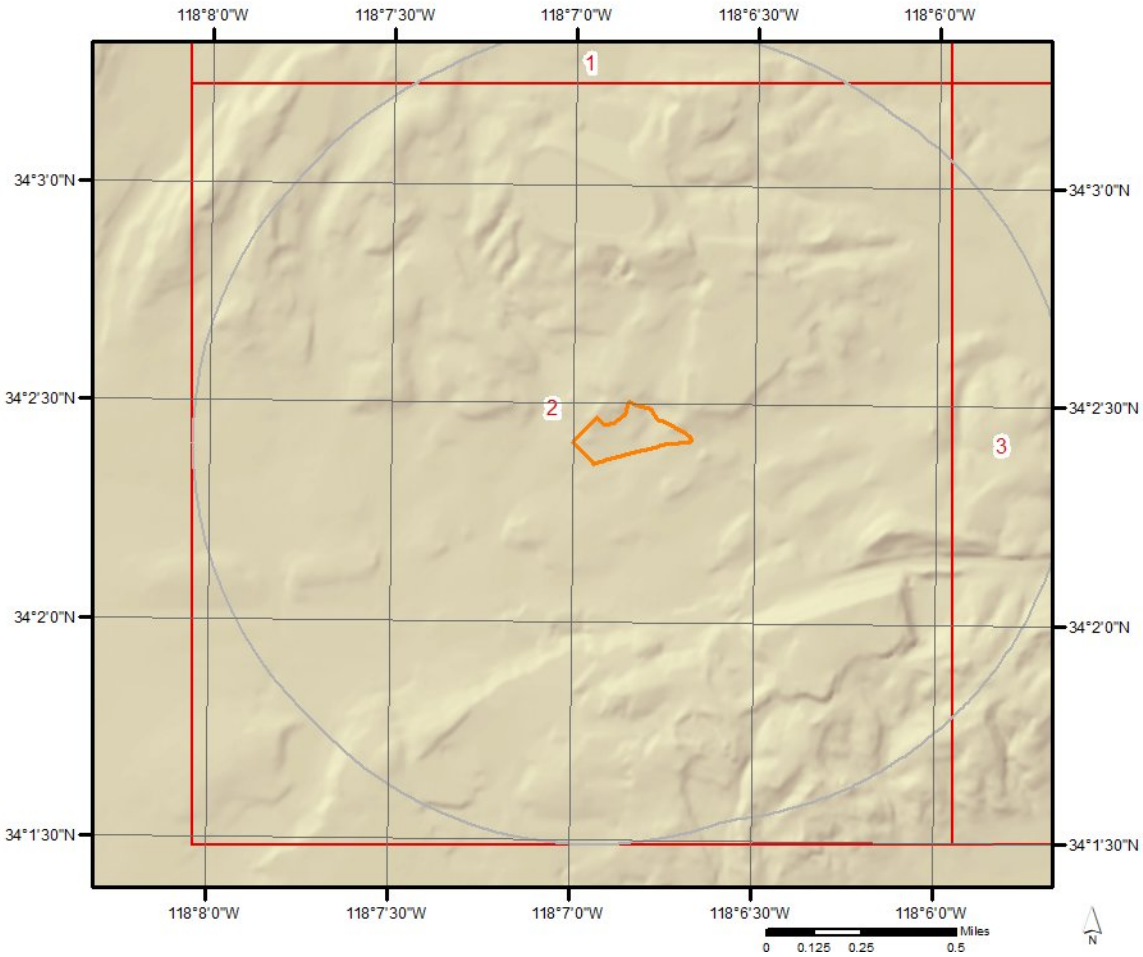
Elevation:	381.86 ft
Slope Direction:	SW



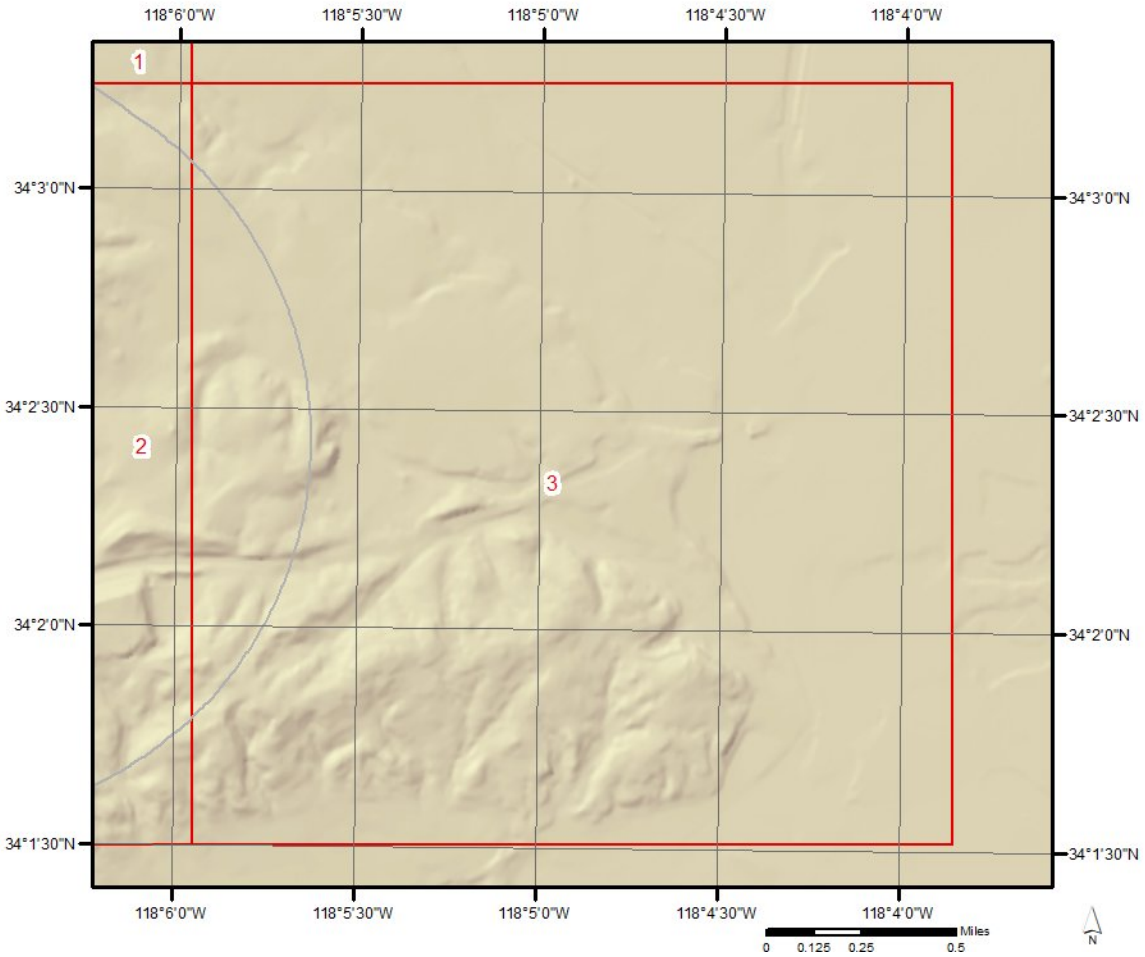
Topographic Information



Topographic Information



Topographic Information



Hydrologic Information



Wetland

0 0.075 0.15 0.3 Miles

N

This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

ERIS

Hydrologic Information



Flood Hazard Zones

This map shows FEMA flood hazard zones based on FEMA's National Flood Hazard Layer. FIRM Panels are overlayed. An absent FIRM panel represents no data available.

Miles
0 0.2 0.4

N

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- Area with Risk Due to Levee
- Open Water

Quadrangle(s): Whittier,CA; El Monte,CA; Los Angeles,CA; South Gate,CA

ERIS

Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below.
For detailed Zone descriptions please click the link: https://floodadvocate.com/fema-zone-definitions

Available FIRM Panels in area:	06037C1665F(effective:2008-09-26) 06037C1645F(effective:2008-09-26) 06037C1663F(effective:2008-09-26)

Flood Zone A-01

Zone:	A
Zone subtype:	

Flood Zone D-01

Zone:	D
Zone subtype:	

Flood Zone X-01

Zone:	X
Zone subtype:	0.2 PCT ANNUAL CHANCE FLOOD HAZARD

Flood Zone X-12

Zone:	X
Zone subtype:	AREA OF MINIMAL FLOOD HAZARD

Hydrologic Information

FEMA Flood Zone Definitions

Special Flood Hazard Areas – High Risk

Special Flood Hazard Areas represent the area subject to inundation by 1-percent-annual chance flood. Structures located within the SFHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory flood insurance purchase requirements apply in these zones.

ZONE	DESCRIPTION
A	Areas subject to inundation by the 1-percent-annual-chance flood event. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown.
AE, A1-A30	Areas subject to inundation by the 1-percent-annual-chance flood event determined by detailed methods. BFEs are shown within these zones. (Zone AE is used on new and revised maps in place of Zones A1–A30.)
AH	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually areas of ponding) where average depths are 1–3 feet. BFEs derived from detailed hydraulic analyses are shown in this zone.
AO	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually sheet flow on sloping terrain) where average depths are 1–3 feet. Average flood depths derived from detailed hydraulic analyses are shown within this zone.
AR	Areas that result from the decertification of a previously accredited flood protection system that is determined to be in the process of being restored to provide base flood protection.
A99	Areas subject to inundation by the 1-percent-annual-chance flood event, but which will ultimately be protected upon completion of an under-construction Federal flood protection system. These are areas of special flood hazard where enough progress has been made on the construction of a protection system, such as dikes, dams, and levees, to consider it complete for insurance rating purposes. Zone A99 may be used only when the flood protection system has reached specified statutory progress toward completion. No BFEs or flood depths are shown.

Coastal High Hazard Areas – High Risk

Coastal High Hazard Areas (CHHA) represent the area subject to inundation by 1-percent-annual chance flood, extending from offshore to the inland limit of a primary front al dune along an open coast and any other area subject to high velocity wave action from storms or seismic sources. Structures located within the CHHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory purchase requirements apply in these zones.

ZONE	DESCRIPTION
V	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards associated with storm-induced waves. Because detailed coastal analyses have not been performed, no BFEs or flood depths are shown.
VE, V1-V30	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards due to storm-induced velocity wave action. BFEs derived from detailed hydraulic coastal analyses are shown within these zones. (Zone VE is used on new and revised maps in place of Zones V1–V30.)

Hydrologic Information

Moderate and Minimal Risk Areas

Areas of moderate or minimal hazard are studied based upon the principal source of flood in the area. However, buildings in these zones could be flooded by severe, concentrated rainfall coupled with inadequate local drainage systems. Local stormwater drainage systems are not normally considered in a community's flood insurance study. The failure of a local drainage system can create areas of high flood risk within these zones. Flood insurance is available in participating communities, but is not required by regulation in these zones. Nearly 25-percent of all flood claims filed are for structures located within these zones.

ZONE	DESCRIPTION
B, X (shaded)	Moderate risk areas within the 0.2-percent-annual-chance floodplain, areas of 1-percent-annual-chance flooding where average depths are less than 1 foot, areas of 1-percent-annual-chance flooding where the contributing drainage area is less than 1 square mile, and areas protected from the 1-percent-annual-chance flood by a levee. No BFEs or base flood depths are shown within these zones. (Zone X (shaded) is used on new and revised maps in place of Zone B.)
C, X (unshaded)	Minimal risk areas outside the 1-percent and .2-percent-annual-chance floodplains. No BFEs or base flood depths are shown within these zones. (Zone X (unshaded) is used on new and revised maps in place of Zone C.)

Undetermined Risk Areas

ZONE	DESCRIPTION
D	Unstudied areas where flood hazards are undetermined, but flooding is possible. No mandatory flood insurance purchase requirements apply, but coverage is available in participating communities.

Geologic Information



Miles
0 0.2 0.4

N

Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

ERIS

Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

Geologic Unit Q

Unit Name:	Quaternary alluvium and marine deposits
Unit Age:	Pliocene to Holocene
Primary Rock Type:	alluvium
Secondary Rock Type:	terrace
Unit Description:	Alluvium, lake, playa, and terrace deposits; unconsolidated and semi-consolidated. Mostly nonmarine, but includes marine deposits near the coast.

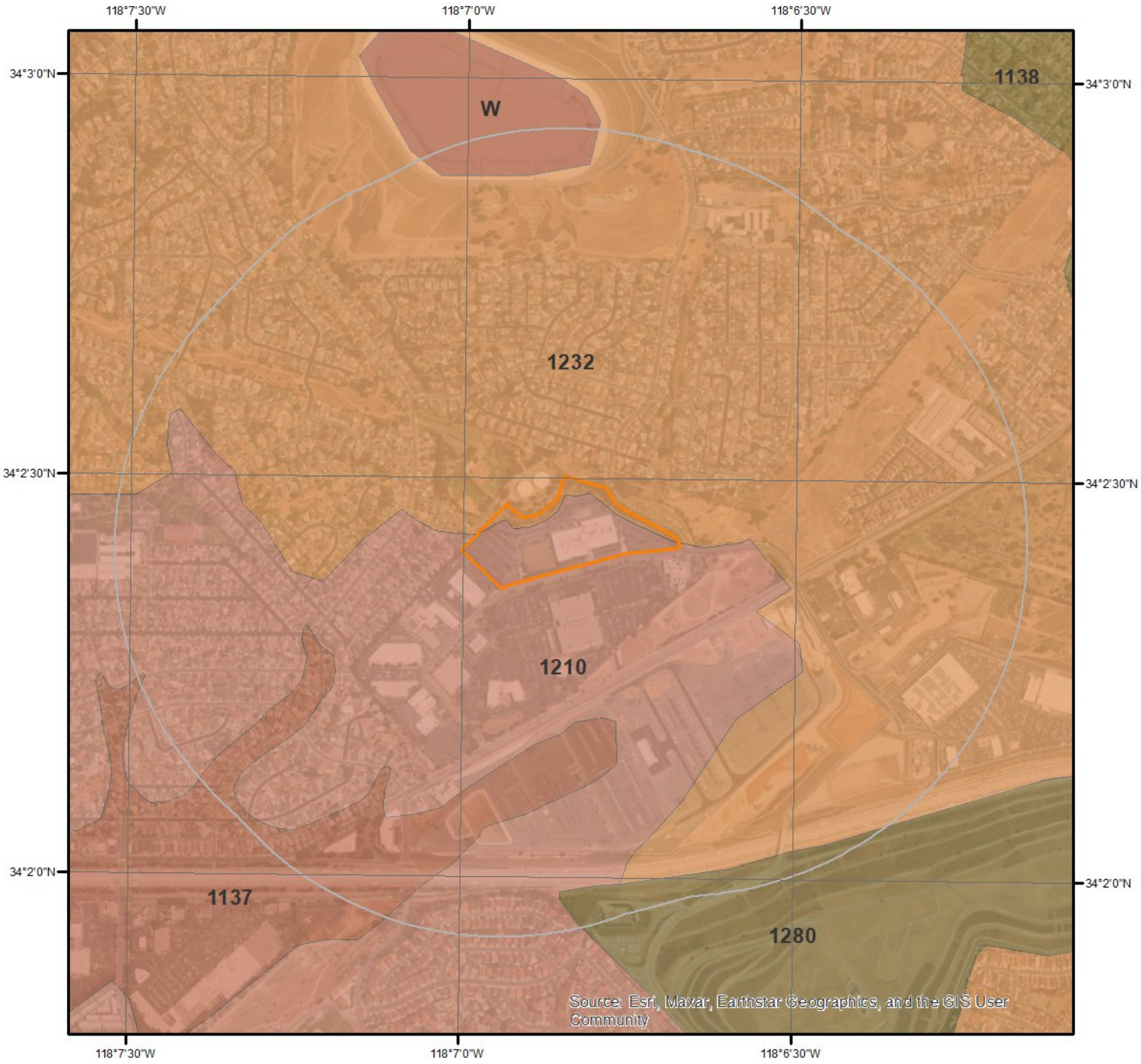
Geologic Unit P

Unit Name:	Pliocene marine rocks
Unit Age:	Miocene to Pleistocene
Primary Rock Type:	sandstone
Secondary Rock Type:	mudstone
Unit Description:	Sandstone, siltstone, shale, and conglomerate; in part Pleistocene and Miocene.

Geologic Unit water

Unit Name:	water
Unit Age:	Holocene
Primary Rock Type:	water
Secondary Rock Type:	
Unit Description:	water

Soil Information



SSURGO Soils

0 0.2 0.4 Miles

N

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit 1137 (39.7%)

Map Unit Name:	Urban land-Ballona-Typic Xerorthents, fine substratum complex, 0 to 5 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Typic Xerorthents(20%)	
horizon ^Au(0cm to 32cm)	Loam
horizon ^Cu(32cm to 120cm)	Clay loam
horizon 2C1(120cm to 145cm)	Clay
horizon 2C2(145cm to 200cm)	Clay loam
Ballona(20%)	
horizon ^A(0cm to 15cm)	Loam
horizon ^A2(15cm to 45cm)	Loam
horizon 2A3(45cm to 80cm)	Clay loam
horizon 2Bk1(80cm to 120cm)	Clay
horizon 2Bk2(120cm to 200cm)	Clay

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 1137 - Urban land-Ballona-Typic Xerorthents, fine substratum complex, 0 to 5 percent slopes

Component: Urban land (45%)
Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Typic Xerorthents (20%)
The Typic Xerorthents, fine substratum component makes up 20 percent of the map unit. Slopes are 0 to 5 percent. This component is on cut and fills, alluvial plains, alluvial fans. The parent material consists of human-transported material over young alluvium derived from sedimentary rock. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 1 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Ballona (20%)
The Ballona component makes up 20 percent of the map unit. Slopes are 0 to 5 percent. This component is on alluvial fans, alluvial plains. The parent material consists of discontinuous human-transported material over young alluvium derived from sedimentary rock. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 3 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Arbolado (5%)
Generated brief soil descriptions are created for major soil components. The Arbolado soil is a minor component.

Component: Cropley (5%)
Generated brief soil descriptions are created for major soil components. The Cropley soil is a minor component.

Soil Information

Component: Azuvina (3%)
Generated brief soil descriptions are created for major soil components. The Azuvina soil is a minor component.

Component: San Emigdio (2%)
Generated brief soil descriptions are created for major soil components. The San Emigdio soil is a minor component.

Map Unit 1210 (24.0%)

Map Unit Name:	Urban land-Montebello-Xerorthents complex, 0 to 15 percent slopes, terraced
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Montebello(25%)	
horizon ^C1(0cm to 105cm)	Sandy clay loam
horizon ^C1(105cm to 140cm)	Sandy loam
horizon ^C2(140cm to 200cm)	Sandy clay loam
Xerorthents(20%)	
horizon ^A(0cm to 17cm)	Loam
horizon ^C1(17cm to 32cm)	Sandy clay loam
horizon ^C2(32cm to 60cm)	Sandy loam
horizon ^C3(60cm to 85cm)	Sandy loam
horizon ^C4(85cm to 103cm)	Sandy loam
horizon ^C5(103cm to 138cm)	Sandy clay loam
horizon 2Bt(138cm to 200cm)	Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 1210 - Urban land-Montebello-Xerorthents complex, 0 to 15 percent slopes, terraced

Component: Urban land (40%)
Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Montebello (25%)
The Montebello component makes up 25 percent of the map unit. Slopes are 0 to 15 percent. This component is on hillslope terraces, fan remnants, alluvial plains. The parent material consists of human-transported material consisting mostly of alluvium derived from granite. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 3 within 30 inches of the soil surface.

Component: Xerorthents (20%)
The Xerorthents, coarse fill component makes up 20 percent of the map unit. Slopes are 0 to 15 percent. This component is on hillslope terraces, fan remnants, alluvial plains. The parent material consists of human-transported material over alluvium derived from granite. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Azuvina (10%)
Generated brief soil descriptions are created for major soil components. The Azuvina soil is a minor component.

Component: Palmview (5%)

Soil Information

Generated brief soil descriptions are created for major soil components. The Palmview soil is a minor component.

Map Unit 1232 (33.42%)

Map Unit Name:	Counterfeit-Urban land complex, 10 to 35 percent slopes, terraced
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Somewhat poorly drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Counterfeit(45%)

horizon ^Au(0cm to 13cm)	Clay loam
horizon ^Cu1(13cm to 46cm)	Clay
horizon ^Cu2(46cm to 95cm)	Clay
horizon ^Cu3(95cm to 145cm)	Clay loam
horizon ^C(145cm to 200cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 1232 - Counterfeit-Urban land complex, 10 to 35 percent slopes, terraced

Component: Counterfeit (45%)
The Counterfeit component makes up 45 percent of the map unit. Slopes are 10 to 35 percent. This component is on hills, hillslope terraces, hillslopes. The parent material consists of human-transported material consisting mostly of colluvium and/or residuum weathered from sedimentary rock. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 5 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Urban land (40%)
Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Zaca (6%)
Generated brief soil descriptions are created for major soil components. The Zaca soil is a minor component.

Component: Apollo (6%)
Generated brief soil descriptions are created for major soil components. The Apollo soil is a minor component.

Component: Balcom (3%)
Generated brief soil descriptions are created for major soil components. The Balcom soil is a minor component.

Map Unit 1280 (2.38%)

Map Unit Name:	Dumps

No more attributes available for this map unit

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 1280 - Dumps

Component: Dumps (100%)
Generated brief soil descriptions are created for major soil components. The Dumps is a miscellaneous area.

Soil Information

Map Unit W (0.5%)

Map Unit Name: Water

No more attributes available for this map unit

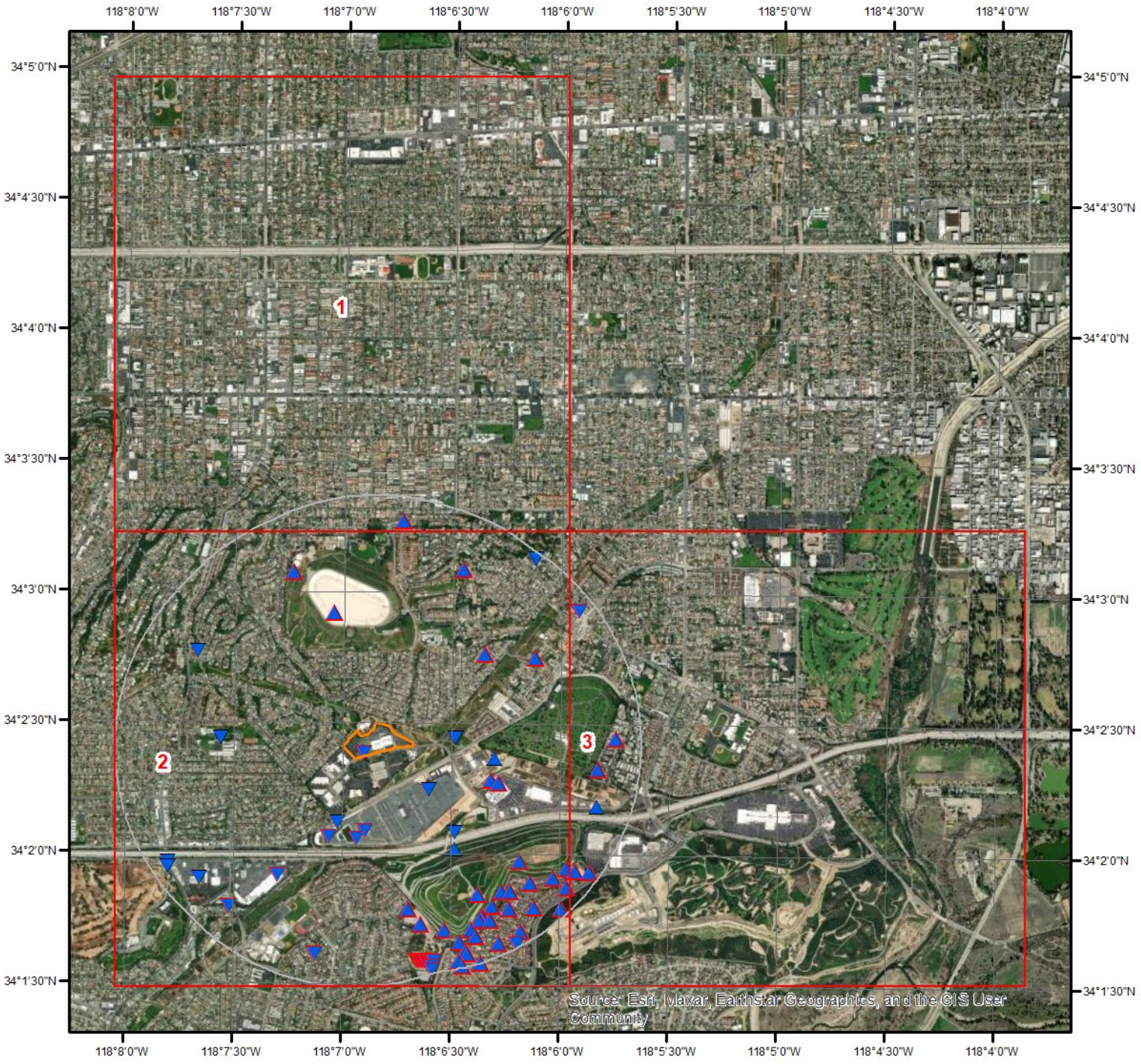
Component Description:

Minor map unit components are excluded from this report.

Map Unit: W - Water

Component: Water (100%)
Generated brief soil descriptions are created for major soil components. The Water is a miscellaneous area.

Wells and Additional Sources



Wells & Additional Sources

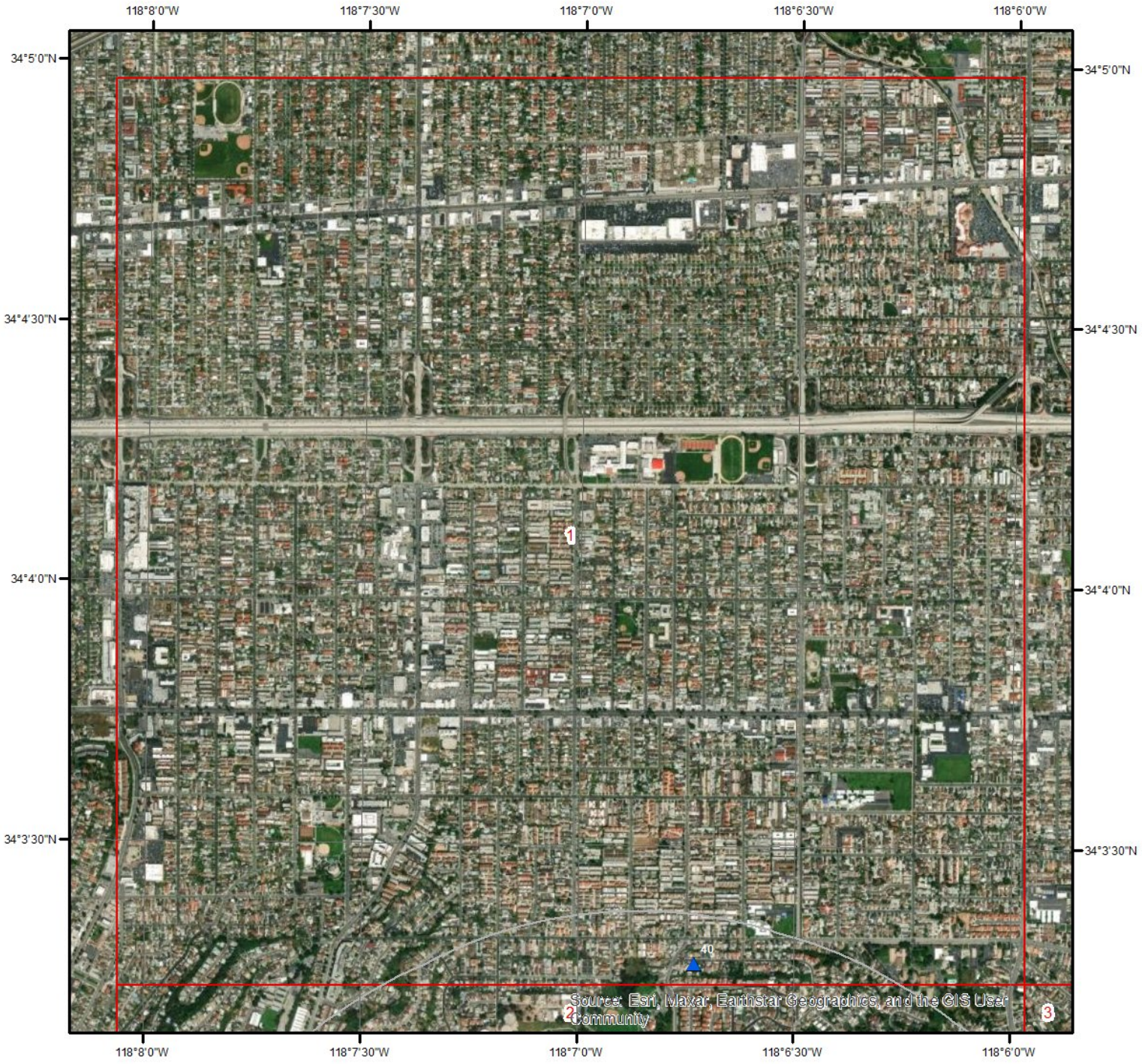
N

0 0.3 0.6 1.2 Miles

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 1

N

0 0.15 0.3 0.6 Miles

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 2

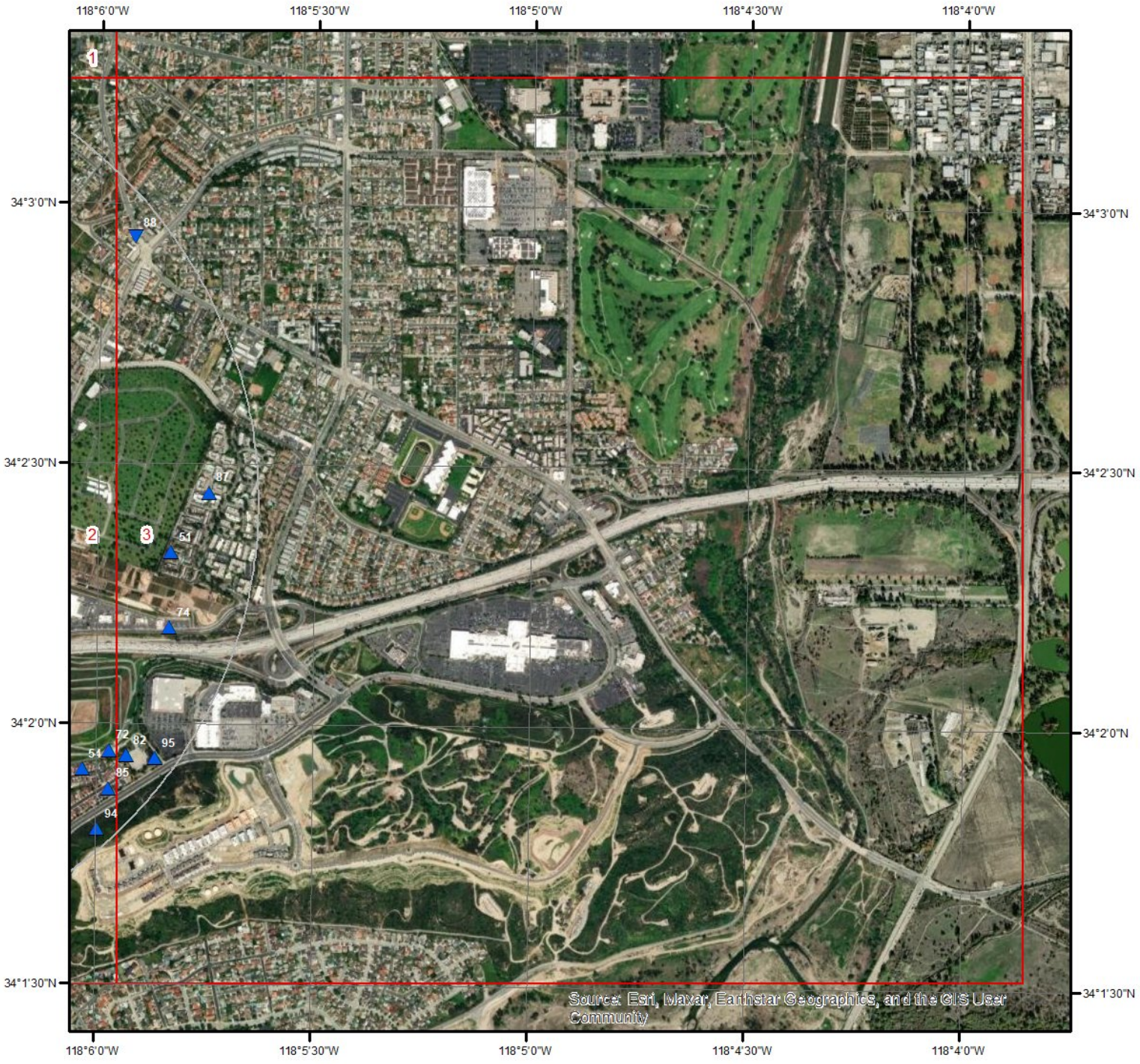
N

0 0.15 0.3 0.6 Miles

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 3

N

0 0.15 0.3 0.6 Miles

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	PWS ID	Distance (ft)	Direction
90	CA3600388	5123.62	NE

Safe Drinking Water Information System (SDWIS)

Map Key	PWS ID	Distance (ft)	Direction
91	CA3600388	5132.45	NE

USGS National Water Information System

Map Key	Site No	Distance (ft)	Direction
8	USGS-340222118061801	1909.14	E
25	USGS-340246118073701	4021.45	WNW
44	USGS-340154118073601	4512.58	SW
74	USGS-340211118055001	4486.86	ESE

State Sources

Oil and Gas Wells

Map Key	API No	Distance (ft)	Direction
1	0403720192	0.00	-
5	0403712269	1682.18	S
6	0403705181	1843.52	S
7	0403705799	1893.97	SSW
10	0403705583	1978.89	ESE
11	0403720748	2161.44	ESE
13	0403705702	2705.24	NNW
14	0403706201	2650.05	NE
16	0403720378	3231.20	SW
17	0403712553	3688.77	S
18	0403705700	3459.01	ENE
19	0403711915	3778.99	SSE
20	0403711939	3655.76	SE
21	0403723898	4105.03	SSE
22	0403705157	3971.54	NNW
23	0403705660	4026.28	NNE
24	0403711942	3968.28	SE
26	0403711943	4350.20	SSE
27	0403711940	4147.98	SE
28	0403710852	4066.20	SE
29	0403712268	4261.26	SSE
30	0403705190	4306.04	SSE
31	0403711941	4330.08	SSE
32	0403710854	4195.25	SE
33	0403711945	4481.40	SSE
34	0403710851	4445.88	SSE
35	0403712354	4409.46	SE
36	0403711914	4701.25	SSE

37	0403710849	4676.65	SSE
38	0403712012	4512.23	SW
39	0403711911	4621.82	SSW
40	0403705670	4703.74	N
41	0403721484	4882.44	S
42	0403721485	4882.30	S
43	0403721931	4888.67	S
45	0403700053	4892.92	S
46	0403700550	4897.92	S
47	0403712768	4904.29	SSE
48	0403721150	4909.97	SSE
49	0403700054	4917.73	SSE
50	0403721152	4920.85	SSE
51	0403706000	4303.76	E
52	0403712769	4927.39	SSE
53	0403700055	4931.15	SSE
54	0403710853	4475.97	SE
55	0403721151	4937.76	SSE
56	0403721483	4945.73	SSE
57	0403712770	4954.51	SSE
57	0403712772	4954.51	SSE
58	0403712773	4957.08	SSE
59	0403712774	4963.08	SSE
60	0403700526	4969.20	SSE
61	0403722200	4984.85	SSE
62	0403700056	4987.94	SSE
63	0403712771	4992.99	SSE
64	0403700631	4994.64	SSE
65	0403721482	5002.36	SSE
66	0403721945	5008.02	SSE
67	0403721972	5015.02	SSE
68	0403721973	5016.05	SSE
69	0403722199	5022.43	SSE
70	0403700057	5026.14	SSE
71	0403710856	4944.16	SSE
72	0403711944	4563.42	ESE
73	0403712067	4705.84	SE
75	0403710779	5002.37	SSE
76	0403721919	5134.45	SSE
77	0403721918	5136.82	SSE
78	0403721917	5142.48	SSE
79	0403712593	5111.69	SSE
80	0403721916	5207.60	SSE
81	0403710861	5005.86	SSE
82	0403710850	4754.19	ESE
83	0403712372	4999.75	SE
85	0403710827	4849.95	SE
86	0403712557	5243.11	SSE
87	0403720701	4702.96	E
88	0403705269	4922.16	ENE
92	0403710855	5279.75	SSE
93	0403710864	5204.54	SE
94	0403712066	5095.93	SE
95	0403710818	5043.48	ESE

Periodic Groundwater Level Measurement Locations

Map Key	ID	Distance (ft)	Direction
	No records found		

Well Completion Reports

Map Key	WCR No	Distance (ft)	Direction

Wells and Additional Sources Summary

2	WCR2021-009129	1101.61	SE
3	WCR1987-012192	988.23	E
3	WCR2008-009526	988.23	E
3	WCR1949-000490	988.23	E
3	WCR2008-009528	988.23	E
3	WCR2008-009529	988.23	E
3	WCR2008-009527	988.23	E
3	WCR2008-009530	988.23	E
3	WCR2008-009525	988.23	E
3	WCR2008-009524	988.23	E
3	WCR2001-011729	988.23	E
4	WCR2020-004580	1521.34	SSW
9	WCR2019-005426	2245.50	SE
12	WCR2019-005415	2576.65	SE
15	WCR2013-010360	2827.64	W
15	WCR1995-009648	2827.64	W
15	WCR0230147	2827.64	W
15	WCR2006-009368	2827.64	W
15	WCR1962-001682	2827.64	W
15	WCR2006-009367	2827.64	W
15	WCR1959-001529	2827.64	W
15	WCR0145365	2827.64	W
15	WCR2006-009449	2827.64	W
15	WCR2006-009366	2827.64	W
15	WCR2006-009450	2827.64	W
15	WCR1962-001730	2827.64	W
15	WCR1961-001827	2827.64	W
15	WCR1959-001528	2827.64	W
15	WCR2006-011443	2827.64	W
84	WCR2020-013474	4859.01	WSW
89	WCR2020-013471	4920.68	WSW
89	WCR2020-013469	4920.68	WSW
89	WCR2020-013473	4920.68	WSW

Public Water Systems Violations and Enforcement Data

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
90	NE	0.97	5,123.62	363.00	PWSV

Address Line 2:
State Code: CA
Zip Code: 91770
City Name: ROSEMEAD
Address Line 1: 2025 LERIDA PLACE
PWS ID: CA3600388
PWS Type Code: CWS
PWS Type Description: Community Water System
Primary Source Code: GW
Primary Source Desc: Groundwater
PWS Activity Code: A
PWS Activity Description: Active
PWS Deactivation Date:
Phone Number: 626-307-8897

--Details--
Population Served Count: 130
City Served:
County Served: San Bernardino
State Served: CA
Zip Code Served:

Safe Drinking Water Information System (SDWIS)

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
91	NE	0.97	5,132.45	363.00	SDWIS

PWS ID: CA3600388
PWS Type Code: CWS
PSW Type: Community water system
Primary Source Code: GW
Primary Source: Ground water
Pws Activity Code: A
Activity: Active
PWS Deactivation Dt:
Phone No: 714-336-9369
Phone Ext No:
Admin Name: SU, CATHEY
Alt Phone No:
Email Addr: stephenmdeen@yahoo.com
Fax No:

Cds ID:	
Population Served Count:	54
Epa Region Desc:	Region 9
Epa Region:	09
First Reported Date:	03/22/1979
Gw or Sw:	Groundwater
Is Grant Eligible Ind:	Yes
Outstanding Performer:	
Is School or Daycare Ind:	No
Is Wholesaler Ind:	No
Lt2 Schedule Cat:	
Last Reported Date:	10/02/2023
Org Name:	SU, CATHEY
Outstanding Perform Begin Date:	
Owner Type:	Private
Pop Cat 11:	<=100
Pop Cat 2:	<10,000
Pop Cat 3:	<=3300
Pop Cat 4:	<10K
Pop Cat 5:	<=500
Primacy Agency:	California
Primacy Agency Code:	CA
Season Begin Date:	
Season End Date:	
Service Connections Count:	56
Submission Yr Qtr:	2023Q3
Primacy Type:	State
Dbpr Schedule Category:	
Submission Status:	Reported and accepted
Reduced Monitoring Begin:	
Reduced Monitoring End Date:	
Reduced Rtcr Monitoring:	
Seasonal Startup System:	
Source Protection Begin Date:	
City Served:	
County Served:	San Bernardino

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	E	0.36	1,909.14	387.18	FED USGS

Site No:	USGS-340222118061801
Site Type:	Well
Formation Type:	

Date Drilled:
Well Depth: 298
Well Depth Unit: ft
Well Hole Depth:
Well Hole Depth Unit:
Reporting Agency: USGS California Water Science Center
Station Name: 001S012W35J001S
Latitude: 34.03950000000000
Longitude: -118.1050000000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	WNW	0.76	4,021.45	363.85	FED USGS

Site No: USGS-340246118073701
Site Type: Well
Formation Type:
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth:
Well Hole Depth Unit:
Reporting Agency: USGS California Water Science Center
Station Name: 001S012W34C005S
Latitude: 34.04612240000000
Longitude: -118.1278477000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
44	SW	0.85	4,512.58	252.21	FED USGS

Site No: USGS-340154118073601
Site Type: Well
Formation Type:
Date Drilled:
Well Depth: 646
Well Depth Unit: ft
Well Hole Depth: 646
Well Hole Depth Unit: ft
Reporting Agency: USGS California Water Science Center
Station Name: 002S012W03C001S
Latitude: 34.03167855000000
Longitude: -118.1275698000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	ESE	0.85	4,486.86	410.11	FED USGS

Wells and Additional Sources Detail Report

Site No:	USGS-340211118055001
Site Type:	Well
Formation Type:	
Date Drilled:	
Well Depth:	173
Well Depth Unit:	ft
Well Hole Depth:	174
Well Hole Depth Unit:	ft
Reporting Agency:	USGS California Water Science Center
Station Name:	001S012W36N001S
Latitude:	34.03641667000000
Longitude:	-118.0971667000000

Oil and Gas Wells

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	-	0.00	0.00	353.15	OGW

API No:	0403720192	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	00894
Well No:	1	Operator Name:	Bradford Bishop
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Monterey Park	Section:	35
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03974533
Confidential:		Long83:	-118.11500549
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Monterey Park 1
Location:			
Place:	Monterey Park		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	S	0.32	1,682.18	304.28	OGW

API No:	0403712269	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	00607
Well No:	3	Operator Name:	Baldwin-Stocker Oil Estates
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Lease by Baldwin-Stocker Oil Estates	Section:	35
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03476715
Confidential:		Long83:	-118.11487579
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	3
Location:			
Place:	Monterey Park		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	S	0.35	1,843.52	302.18	OGW

API No:	0403705181	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	A4525
Well No:	1	Operator Name:	Atlantic Richfield Company
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field

Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Tri City	Section:	35
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03427505
Confidential:		Long83:	-118.1155014
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Tri City 1
Location:			
Place:	Monterey Park		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	SSW	0.36	1,893.97	295.15	OGW

API No:	0403705799	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	07231
Well No:	1	Operator Name:	Repetto Hills Petro. Corp.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Lease by Repetto Hills Petro. Corp.	Section:	34
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.0343895
Confidential:		Long83:	-118.11763763
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	1
Location:			

Place: Monterey Park
Source83 Desc: Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps
URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	ESE	0.37	1,978.89	404.10	OGW

API No:	0403705583	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	05381
Well No:	1	Operator Name:	Lodico Oil Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	North Montebello	Section:	35
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03805923
Confidential:		Long83:	-118.10527039
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	North Montebello 1

Location:
Place: Monterey Park
Source83 Desc: Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps
URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	ESE	0.41	2,161.44	394.16	OGW

API No:	0403720748	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	02122
Well No:	1	Operator Name:	Delta Petro. Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	

Wells and Additional Sources Detail Report

Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Wheeler	Section:	35
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03791046
Confidential:		Long83:	-118.10469055
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Wheeler 1
Location:			
Place:	Monterey Park		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	NNW	0.51	2,705.24	575.47	OGW

API No:	0403705702	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	06041
Well No:	1	Operator Name:	Monte Cristo Petro. Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Ramsey, Bass & Goodknight Garv	Section:	27
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.04865265
Confidential:		Long83:	-118.11737823

Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Ramsey, Bass & Goodknight Garv 1
Location:			
Place:	Monterey Park		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	NE	0.50	2,650.05	478.72	OGW

API No:	0403706201	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	U0200
Well No:	1	Operator Name:	Union Oil Company of California
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Valley View	Section:	35
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.04610443
Confidential:		Long83:	-118.10580444
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Valley View 1
Location:			
Place:	Monterey Park		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	SW	0.61	3,231.20	275.95	OGW

API No:	0403720378	Directional:	
All Well Key:		BLM Well:	

Wells and Additional Sources Detail Report

OP Well ID:		EPA Well:	
OID:		Operator Code:	00894
Well No:	1	Operator Name:	Bradford Bishop
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Bishop-MPL	Section:	03
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.0319252
Confidential:		Long83:	-118.1215744
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Bishop-MPL 1
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	S	0.70	3,688.77	498.04	OGW

API No:	0403712553	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	09546
Well No:	2	Operator Name:	Continental Development of Calif., Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Monterey	Section:	02
Elevation:		Township:	02S

Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02981949
Confidential:		Long83:	-118.11151123
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Monterey 2
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	ENE	0.66	3,459.01	382.34	OGW

API No:	0403705700	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	07269
Well No:	1	Operator Name:	Rice Ranch Oil Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Lease by Rice Ranch Oil Co.	Section:	35
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.0459137
Confidential:		Long83:	-118.10197449
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	1
Location:			
Place:	Monterey Park		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	SSE	0.72	3,778.99	558.83	OGW

API No:	0403711915	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	2	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Stocker-Merced	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03075027
Confidential:		Long83:	-118.10619354
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Stocker-Merced 2
Location:			
Place:	Monterey Park		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	SE	0.69	3,655.76	556.80	OGW

API No:	0403711939	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	1	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	

Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Wheeler	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03290558
Confidential:		Long83:	-118.10301971
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Wheeler 1
Location:			
Place:	Monterey Park		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	SSE	0.78	4,105.03	491.85	OGW

API No:	0403723898	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	09546
Well No:	1	Operator Name:	Continental Development of Calif., Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Monterey	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.028862
Confidential:		Long83:	-118.11054993
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Monterey 1
Location:			
Place:	Montebello		

Source83 Desc: Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps
URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	NNW	0.75	3,971.54	543.69	OGW

API No:	0403705157	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	A4525
Well No:	1	Operator Name:	Atlantic Richfield Company
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Garvey Hills	Section:	27
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.05126572
Confidential:		Long83:	-118.12050629
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Garvey Hills 1
Location:			
Place:	Monterey Park		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	NNE	0.76	4,026.28	468.13	OGW

API No:	0403705660	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	03200
Well No:	1	Operator Name:	G. Everett Miller
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern

Wells and Additional Sources Detail Report

Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Garvey Hills South Unit	Section:	26
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.05151749
Confidential:		Long83:	-118.10749817
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Garvey Hills South Unit 1
Location:			
Place:	Los Angeles County		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	SE	0.75	3,968.28	528.16	OGW

API No:	0403711942	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	5	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	WF	District:	Southern
Well Type Desc:	Water Flood	Geo District:	
Well Symbol:	PluggedWF	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Main
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Wheeler	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03094864
Confidential:		Long83:	-118.10440826
Confidential Well:	No	Base Meridian:	SB

Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Wheeler 5
Location:			
Place:	Monterey Park		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	SSE	0.82	4,350.20	473.82	OGW

API No:	0403711943	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	6	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Wheeler	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02846527
Confidential:		Long83:	-118.10871887
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Wheeler 6
Location:			
Place:	Monterey Park		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	SE	0.79	4,147.98	510.14	OGW

API No:	0403711940	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640

Well No:	3	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Wheeler	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03005981
Confidential:		Long83:	-118.10510254
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Wheeler 3
Location:			
Place:	Monterey Park		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	SE	0.77	4,066.20	483.87	OGW

API No:	0403710852	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	135	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	

Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03099823
Confidential:		Long83:	-118.10372162
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Baldwin 135
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	SSE	0.81	4,261.26	549.03	OGW

API No:	0403712268	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	00607
Well No:	2	Operator Name:	Baldwin-Stocker Oil Estates
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Lease by Baldwin-Stocker Oil Estates	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02944565
Confidential:		Long83:	-118.10580444
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	2
Location:			
Place:	Monterey Park		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	SSE	0.82	4,306.04	546.32	OGW

Wells and Additional Sources Detail Report

API No:	0403705190	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	00607
Well No:	1	Operator Name:	Baldwin-Stocker Oil Estates
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Lease by Baldwin-Stocker Oil Estates	Section:	35
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02931213
Confidential:		Long83:	-118.10580444
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	1
Location:			
Place:	Monterey Park		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	SSE	0.82	4,330.08	536.76	OGW

API No:	0403711941	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	4	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area

Wells and Additional Sources Detail Report

Abandoned Date:		County Name:	Los Angeles
Lease Name:	Wheeler	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02915573
Confidential:		Long83:	-118.10605621
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Wheeler 4
Location:			
Place:	Monterey Park		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	SE	0.79	4,195.25	477.82	OGW

API No:	0403710854	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	137	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03152847
Confidential:		Long83:	-118.10219574
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Baldwin 137
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		

Wells and Additional Sources Detail Report

URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SSE	0.85	4,481.40	528.95	OGW

API No:	0403711945	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	102	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Wheeler	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02853012
Confidential:		Long83:	-118.10666656
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Wheeler 102
Location:			
Place:	Monterey Park		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	SSE	0.84	4,445.88	530.83	OGW

API No:	0403710851	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	134	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	

Wells and Additional Sources Detail Report

Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02910614
Confidential:		Long83:	-118.10521698
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Baldwin 134
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
35	SE	0.84	4,409.46	483.35	OGW

API No:	0403712354	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	4	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02984619
Confidential:		Long83:	-118.10378265
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud

Hydr Fractured:		Well Design:	Baldwin 4
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
36	SSE	0.89	4,701.25	516.20	OGW

API No:	0403711914	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	1	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Stocker-Merced	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02768707
Confidential:		Long83:	-118.1075592
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Stocker-Merced 1
Location:			
Place:	Monterey Park		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
37	SSE	0.89	4,676.65	535.38	OGW

API No:	0403710849	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	132	Operator Name:	Chevron U.S.A. Inc.

Wells and Additional Sources Detail Report

Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02806854
Confidential:		Long83:	-118.10629272
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Baldwin 132
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	SW	0.85	4,512.23	307.47	OGW

API No:	0403712012	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	04246
Well No:	1	Operator Name:	Interstate Oil Corp.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Lease by Interstate Oil Corp.	Section:	03
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	

Dryhole:		Lat83:	34.02984238
Confidential:		Long83:	-118.12528229
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	1
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
39	SSW	0.88	4,621.82	369.86	OGW

API No:	0403711911	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	1	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	M.P.L. 2	Section:	03
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02687073
Confidential:		Long83:	-118.11862183
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	M.P.L. 2 1
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	N	0.89	4,703.74	436.96	OGW

API No:	0403705670	Directional:	

Wells and Additional Sources Detail Report

All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	M6900
Well No:	1	Operator Name:	Mobil Oil Corporation
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Garvey	Section:	26
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.05454636
Confidential:		Long83:	-118.11214447
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Garvey 1
Location:			
Place:	Monterey Park		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
41	S	0.92	4,882.44	376.96	OGW

API No:	0403721484	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	21- 2	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02

Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02654648
Confidential:		Long83:	-118.11083221
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs 21- 2
Location:			
Place:	Montebello		
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
42	S	0.92	4,882.30	377.60	OGW

API No:	0403721485	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	22- 1	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02653885
Confidential:		Long83:	-118.11086273
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs 22- 1
Location:			
Place:	Montebello		
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	S	0.93	4,888.67	376.96	OGW

API No:	0403721931	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	23-3	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02654266
Confidential:		Long83:	-118.11077881
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs 23-3
Location:			
Place:	Montebello		
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	S	0.93	4,892.92	377.18	OGW

API No:	0403700053	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	6-4	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello

Wells and Additional Sources Detail Report

Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02654266
Confidential:		Long83:	-118.11073303
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	GPS
Hydr Fractured:		Well Design:	Mgs 6-4
Location:			
Place:	Montebello		
Source83 Desc:	Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
46	S	0.93	4,897.92	377.18	OGW

API No:	0403700550	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	7-5	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02654266
Confidential:		Long83:	-118.11067963
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs 7-5
Location:			

Place: Montebello
Source83 Desc: WELL SUMMARY
URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SSE	0.93	4,904.29	377.43	OGW

API No:	0403712768	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	1-6	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02653885
Confidential:		Long83:	-118.11062622
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs 1-6

Location:
Place: Montebello
Source83 Desc: WELL SUMMARY
URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
48	SSE	0.93	4,909.97	377.43	OGW

API No:	0403721150	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	18- 7	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	

Wells and Additional Sources Detail Report

Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02653503
Confidential:		Long83:	-118.11058044
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs 18- 7
Location:			
Place:	Montebello		
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	SSE	0.93	4,917.73	377.68	OGW

API No:	0403700054	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	8-8	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.0265274
Confidential:		Long83:	-118.11052704

Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	GPS
Hydr Fractured:		Well Design:	Mgs 8-8
Location:			
Place:	Montebello		
Source83 Desc:	Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
50	SSE	0.93	4,920.85	377.68	OGW

API No:	0403721152	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	17- 9	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02653122
Confidential:		Long83:	-118.11048126
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs 17- 9
Location:			
Place:	Montebello		
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
51	E	0.82	4,303.76	461.45	OGW

API No:	0403706000	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	

Wells and Additional Sources Detail Report

OID:		Operator Code:	C5640
Well No:	3	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Stocker-Merced	Section:	36
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03883362
Confidential:		Long83:	-118.09712982
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Stocker-Merced 3
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
52	SSE	0.93	4,927.39	378.10	OGW

API No:	0403712769	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	2-10	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W

Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.0265274
Confidential:		Long83:	-118.11042786
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs 2-10
Location:			
Place:	Montebello		
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
53	SSE	0.93	4,931.15	378.10	OGW

API No:	0403700055	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	9-11	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.0265274
Confidential:		Long83:	-118.11038971
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs 9-11
Location:			
Place:	Montebello		
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
54	SE	0.85	4,475.97	497.76	OGW

Wells and Additional Sources Detail Report

API No:	0403710853	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	136	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03186035
Confidential:		Long83:	-118.10044861
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Baldwin 136
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
55	SSE	0.94	4,937.76	378.27	OGW

API No:	0403721151	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	16-12	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West

Wells and Additional Sources Detail Report

Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02652359
Confidential:		Long83:	-118.1103363
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	GPS
Hydr Fractured:		Well Design:	Mgs 16-12
Location:			
Place:	Montebello		
Source83 Desc:	Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	SSE	0.94	4,945.73	378.27	OGW

API No:	0403721483	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	20-13	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	WF	District:	Southern
Well Type Desc:	Water Flood	Geo District:	
Well Symbol:	IdleWF	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02651596
Confidential:		Long83:	-118.1102829
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs 20-13
Location:			
Place:	Montebello		
Source83 Desc:	WELL SUMMARY		

Wells and Additional Sources Detail Report

URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
57	SSE	0.94	4,954.51	377.95	OGW

API No:	0403712770	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	3-18	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02650833
Confidential:		Long83:	-118.11022186
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs 3-18
Location:			
Place:	Montebello		
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
57	SSE	0.94	4,954.51	377.95	OGW

API No:	0403712772	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	5-14	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	

Wells and Additional Sources Detail Report

Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02650833
Confidential:		Long83:	-118.11022186
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs 5-14
Location:			
Place:	Montebello		
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
58	SSE	0.94	4,957.08	377.49	OGW

API No:	0403712773	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	10-15	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02651215
Confidential:		Long83:	-118.11018372
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary

Hydr Fractured:		Well Design:	Mgs 10-15
Location:			
Place:	Montebello		
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	SSE	0.94	4,963.08	377.49	OGW

API No:	0403712774	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	11-16	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02650833
Confidential:		Long83:	-118.11013794
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs 11-16
Location:			
Place:	Montebello		
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	SSE	0.94	4,969.20	377.41	OGW

API No:	0403700526	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	12-17	Operator Name:	Southern California Gas Company

Wells and Additional Sources Detail Report

Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OB	District:	Southern
Well Type Desc:	Observation	Geo District:	
Well Symbol:	IdleOB	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02650452
Confidential:		Long83:	-118.11008453
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	GPS
Hydr Fractured:		Well Design:	Mgs 12-17
Location:			
Place:	Montebello		
Source83 Desc:	Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
61	SSE	0.94	4,984.85	377.74	OGW

API No:	0403722200	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	28-19	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	

Dryhole:		Lat83:	34.02649689
Confidential:		Long83:	-118.10992432
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs 28-19
Location:			
Place:	Montebello		
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
62	SSE	0.94	4,987.94	378.37	OGW

API No:	0403700056	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	13-20	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02649689
Confidential:		Long83:	-118.10988617
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs 13-20
Location:			
Place:	Montebello		
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	SSE	0.95	4,992.99	378.37	OGW

API No:	0403712771	Directional:	

Wells and Additional Sources Detail Report

All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	4-21	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02649307
Confidential:		Long83:	-118.10984039
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs 4-21
Location:			
Place:	Montebello		
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
64	SSE	0.95	4,994.64	379.07	OGW

API No:	0403700631	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	14-22	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02

Wells and Additional Sources Detail Report

Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.0265007
Confidential:		Long83:	-118.10978699
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs 14-22
Location:			
Place:	Montebello		
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
65	SSE	0.95	5,002.36	379.07	OGW

API No:	0403721482	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	19-23	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OB	District:	Southern
Well Type Desc:	Observation	Geo District:	
Well Symbol:	IdleOB	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02648926
Confidential:		Long83:	-118.10974121
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	GPS
Hydr Fractured:		Well Design:	Mgs 19-23
Location:			
Place:	Montebello		
Source83 Desc:	Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
66	SSE	0.95	5,008.02	379.61	OGW

API No:	0403721945	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	24-24	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02648544
Confidential:		Long83:	-118.10968781
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	GPS
Hydr Fractured:		Well Design:	Mgs 24-24
Location:			
Place:	Montebello		
Source83 Desc:	Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	SSE	0.95	5,015.02	377.50	OGW

API No:	0403721972	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	25-25	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello

Wells and Additional Sources Detail Report

Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02647781
Confidential:		Long83:	-118.1096344
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs 25-25
Location:			
Place:	Montebello		
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	SSE	0.95	5,016.05	380.14	OGW

API No:	0403721973	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	26-26	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02648544
Confidential:		Long83:	-118.10958862
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs 26-26
Location:			

Place: Montebello
Source83 Desc: WELL SUMMARY
URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
69	SSE	0.95	5,022.43	378.56	OGW

API No:	0403722199	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	27-27	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02647781
Confidential:		Long83:	-118.10954285
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs 27-27

Location:
Place: Montebello
Source83 Desc: WELL SUMMARY
URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
70	SSE	0.95	5,026.14	380.36	OGW

API No:	0403700057	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	15-28	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	

Wells and Additional Sources Detail Report

Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02647781
Confidential:		Long83:	-118.10949707
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs 15-28
Location:			
Place:	Montebello		
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
71	SSE	0.94	4,944.16	527.74	OGW

API No:	0403710856	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	140	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02709579
Confidential:		Long83:	-118.10710144

Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Baldwin 140
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
72	ESE	0.86	4,563.42	534.51	OGW

API No:	0403711944	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	101	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Wheeler	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03246689
Confidential:		Long83:	-118.09944153
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Wheeler 101
Location:			
Place:	Monterey Park		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SE	0.89	4,705.84	410.37	OGW

API No:	0403712067	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	

Wells and Additional Sources Detail Report

OID:		Operator Code:	C5640
Well No:	49	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02993393
Confidential:		Long83:	-118.10188293
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Baldwin 49
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
75	SSE	0.95	5,002.37	494.11	OGW

API No:	0403710779	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	60	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W

Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02696609
Confidential:		Long83:	-118.10694122
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Baldwin 60
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
76	SSE	0.97	5,134.45	375.10	OGW

API No:	0403721919	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	OC	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	IdleOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02612305
Confidential:		Long83:	-118.10969543
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs OC
Location:			
Place:	Montebello		
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
77	SSE	0.97	5,136.82	375.10	OGW

Wells and Additional Sources Detail Report

API No:	0403721918	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	OB	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OB	District:	Southern
Well Type Desc:	Observation	Geo District:	
Well Symbol:	IdleOB	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02612686
Confidential:		Long83:	-118.10964966
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	Well Summary
Hydr Fractured:		Well Design:	Mgs OB
Location:			
Place:	Montebello		
Source83 Desc:	WELL SUMMARY		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
78	SSE	0.97	5,142.48	377.63	OGW

API No:	0403721917	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	OA	Operator Name:	Southern California Gas Company
Well Status:	Idle	Operator St:	
Well Stat Desc:	Idle	County APIC:	
Well Type:	OB	District:	Southern
Well Type Desc:	Observation	Geo District:	
Well Symbol:	IdleOB	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West

Abandoned Date:		County Name:	Los Angeles
Lease Name:	Mgs	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02612305
Confidential:		Long83:	-118.10959625
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	Yes	GIS Source Code:	GPS
Hydr Fractured:		Well Design:	Mgs OA
Location:			
Place:	Montebello		
Source83 Desc:	Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
79	SSE	0.97	5,111.69	448.28	OGW

API No:	0403712593	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	09546
Well No:	46	Operator Name:	Continental Development of Calif., Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Monterey	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02651596
Confidential:		Long83:	-118.10762024
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Monterey 46
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		

Wells and Additional Sources Detail Report

URL:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
80	SSE	0.99	5,207.60	372.72	OGW

API No:	0403721916	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S4700
Well No:	OWW-1	Operator Name:	Southern California Gas Company
Well Status:	Active	Operator St:	
Well Stat Desc:	Active	County APIC:	
Well Type:	OB	District:	Southern
Well Type Desc:	Observation	Geo District:	
Well Symbol:	ActiveOB	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	West
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Drillsite	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.0259285
Confidential:		Long83:	-118.1096344
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	GPS
Hydr Fractured:		Well Design:	Drillsite OWW-1
Location:			
Place:	Montebello		
Source83 Desc:	Global Positioning System - Coordinates derived from Division staff and Trimble GPS unit		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
81	SSE	0.95	5,005.86	448.17	OGW

API No:	0403710861	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	146	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	

Wells and Additional Sources Detail Report

Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02766418
Confidential:		Long83:	-118.10456085
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Baldwin 146
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
82	ESE	0.90	4,754.19	569.85	OGW

API No:	0403710850	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	133	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	01
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03230667
Confidential:		Long83:	-118.09879303
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud

Hydr Fractured:		Well Design:	Baldwin 133
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	SE	0.95	4,999.75	446.33	OGW

API No:	0403712372	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	21	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02840042
Confidential:		Long83:	-118.10289001
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Baldwin 21
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
85	SE	0.92	4,849.95	505.94	OGW

API No:	0403710827	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	107	Operator Name:	Chevron U.S.A. Inc.

Wells and Additional Sources Detail Report

Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03124619
Confidential:		Long83:	-118.09944916
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Baldwin 107
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
86	SSE	0.99	5,243.11	409.31	OGW

API No:	0403712557	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	09546
Well No:	6	Operator Name:	Continental Development of Calif., Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Monterey	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	

Dryhole:		Lat83:	34.02619934
Confidential:		Long83:	-118.10733795
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Monterey 6
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
87	E	0.89	4,702.96	420.11	OGW

API No:	0403720701	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	01615
Well No:	1	Operator Name:	Cities Service Oil Co.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Resurrection Cemetery	Section:	36
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.0407486
Confidential:		Long83:	-118.09571075
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Resurrection Cemetery 1
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
88	ENE	0.93	4,922.16	365.93	OGW

API No:	0403705269	Directional:	

Wells and Additional Sources Detail Report

All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	01458
Well No:	1	Operator Name:	Celito Oil Corp., Ltd.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	DH	District:	Southern
Well Type Desc:	Dry Hole	Geo District:	
Well Symbol:	PluggedDH	Field Code:	
Well Sym Desc:		Field Name:	Any Field
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Jepson	Section:	25
Elevation:		Township:	01S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.04889297
Confidential:		Long83:	-118.09862518
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Jepson 1
Location:			
Place:	Los Angeles County		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
92	SSE	1.00	5,279.75	502.78	OGW

API No:	0403710855	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	139	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02

Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02641678
Confidential:		Long83:	-118.1059494
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Baldwin 139
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
93	SE	0.99	5,204.54	377.78	OGW

API No:	0403710864	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	149	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02762604
Confidential:		Long83:	-118.10316467
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Baldwin 149
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
94	SE	0.97	5,095.93	456.06	OGW

API No:	0403712066	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	S2641
Well No:	48	Operator Name:	Sentinel Peak Resources California LLC
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello
Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	02
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.02993393
Confidential:		Long83:	-118.0998764
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Baldwin 48
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
95	ESE	0.96	5,043.48	567.00	OGW

API No:	0403710818	Directional:	
All Well Key:		BLM Well:	
OP Well ID:		EPA Well:	
OID:		Operator Code:	C5640
Well No:	98	Operator Name:	Chevron U.S.A. Inc.
Well Status:	Plugged	Operator St:	
Well Stat Desc:	Plugged	County APIC:	
Well Type:	OG	District:	Southern
Well Type Desc:	Oil & Gas	Geo District:	
Well Symbol:	PluggedOG	Field Code:	
Well Sym Desc:		Field Name:	Montebello

Wells and Additional Sources Detail Report

Release Date:		Area Code:	
Completion Date:		Area Name:	Any Area
Abandoned Date:		County Name:	Los Angeles
Lease Name:	Baldwin	Section:	01
Elevation:		Township:	02S
Total Depth:		Range:	12W
Redrilled Depth:		Lat27:	
Redrill Cancel Flag:		Long27:	
Dryhole:		Lat83:	34.03221512
Confidential:		Long83:	-118.09768677
Confidential Well:	No	Base Meridian:	SB
Directional Drilled:	No	GIS Source Code:	hud
Hydr Fractured:		Well Design:	Baldwin 98
Location:			
Place:	Montebello		
Source83 Desc:	Heads Up Digitized - Coordinates generated from scanned, geo-referenced, static scale, Mylar maps		
URL:			

Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	SE	0.21	1,101.61	330.69	WATER WELLS

WCR No:	WCR2021-009129
Location:	700 Petrero Grande
City:	Monterey Park
County:	Los Angeles
Decimal Latitude:	34.0374
Decimal Longitude:	-118.11
Location(OSWCR):	700 Petrero Grande
City(OSWCR):	Monterey Park
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.03741
Decim Long(OSWCR):	-118.11041
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.19	988.23	376.25	WATER WELLS

WCR No:	WCR1987-012192
Location:	
City:	Monterey Park
County:	Los Angeles
Decimal Latitude:	34.0407
Decimal Longitude:	-118.108
Location(OSWCR):	

City(OSWCR): Monterey Park
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 34.04069
Decim Long(OSWCR): -118.10815
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.19	988.23	376.25	WATER WELLS

WCR No: WCR2008-009526
Location: 2550 Greenwood Avenue
City: Monterey Park
County: Los Angeles
Decimal Latitude: 34.0407
Decimal Longitude: -118.108
Location(OSWCR): 2550 Greenwood Avenue
City(OSWCR): Monterey Park
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 34.04069
Decim Long(OSWCR): -118.10815
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.19	988.23	376.25	WATER WELLS

WCR No: WCR1949-000490
Location: POTRERO GRANDE DR, WILCOX AVE, POMONA BL
City:
County: Los Angeles
Decimal Latitude: 34.0407
Decimal Longitude: -118.108
Location(OSWCR): POTRERO GRANDE DR, WILCOX AVE, POMONA BL
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 34.04069
Decim Long(OSWCR): -118.10815
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.19	988.23	376.25	WATER WELLS

WCR No: WCR2008-009528
Location: 2550 Greenwood Avenue
City: Monterey Park

County:	Los Angeles
Decimal Latitude:	34.0407
Decimal Longitude:	-118.108
Location(OSWCR):	2550 Greenwood Avenue
City(OSWCR):	Monterey Park
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.04069
Decim Long(OSWCR):	-118.10815
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.19	988.23	376.25	WATER WELLS

WCR No:	WCR2008-009529
Location:	2550 Greenwood Avenue
City:	Monterey Park
County:	Los Angeles
Decimal Latitude:	34.0407
Decimal Longitude:	-118.108
Location(OSWCR):	2550 Greenwood Avenue
City(OSWCR):	Monterey Park
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.04069
Decim Long(OSWCR):	-118.10815
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.19	988.23	376.25	WATER WELLS

WCR No:	WCR2008-009527
Location:	2550 Greenwood Avenue
City:	Monterey Park
County:	Los Angeles
Decimal Latitude:	34.0407
Decimal Longitude:	-118.108
Location(OSWCR):	2550 Greenwood Avenue
City(OSWCR):	Monterey Park
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.04069
Decim Long(OSWCR):	-118.10815
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.19	988.23	376.25	WATER WELLS

WCR No:	WCR2008-009530
Location:	2550 Greenwood Avenue
City:	Monterey Park
County:	Los Angeles
Decimal Latitude:	34.0407
Decimal Longitude:	-118.108
Location(OSWCR):	2550 Greenwood Avenue
City(OSWCR):	Monterey Park
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.04069
Decim Long(OSWCR):	-118.10815
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.19	988.23	376.25	WATER WELLS

WCR No:	WCR2008-009525
Location:	2550 Greenwood Avenue
City:	Monterey Park
County:	Los Angeles
Decimal Latitude:	34.0407
Decimal Longitude:	-118.108
Location(OSWCR):	2550 Greenwood Avenue
City(OSWCR):	Monterey Park
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.04069
Decim Long(OSWCR):	-118.10815
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.19	988.23	376.25	WATER WELLS

WCR No:	WCR2008-009524
Location:	2550 Greenwood Avenue
City:	Monterey Park
County:	Los Angeles
Decimal Latitude:	34.0407
Decimal Longitude:	-118.108
Location(OSWCR):	2550 Greenwood Avenue
City(OSWCR):	Monterey Park
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.04069
Decim Long(OSWCR):	-118.10815
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.19	988.23	376.25	WATER WELLS

WCR No:	WCR2001-011729
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	34.0407
Decimal Longitude:	-118.108
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.04069
Decim Long(OSWCR):	-118.10815
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	SSW	0.29	1,521.34	312.11	WATER WELLS

WCR No:	WCR2020-004580
Location:	700 Potrero Grande DR
City:	Monterey Park
County:	Los Angeles
Decimal Latitude:	34.0353
Decimal Longitude:	-118.117
Location(OSWCR):	700 Potrero Grande DR
City(OSWCR):	Monterey Park
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.035334
Decim Long(OSWCR):	-118.116501
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	SE	0.43	2,245.50	377.89	WATER WELLS

WCR No:	WCR2019-005426
Location:	2550 Greenwood AVE
City:	Monterey Park
County:	Los Angeles
Decimal Latitude:	34.0347
Decimal Longitude:	-118.108
Location(OSWCR):	2550 Greenwood AVE

City(OSWCR): Monterey Park
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 34.034739
Decim Long(OSWCR): -118.108242
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	SE	0.49	2,576.65	393.12	WATER WELLS

WCR No: WCR2019-005415
Location: 2550 Greenwood AVE
City: Monterey Park
County: Los Angeles
Decimal Latitude: 34.0337
Decimal Longitude: -118.108
Location(OSWCR): 2550 Greenwood AVE
City(OSWCR): Monterey Park
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 34.033667
Decim Long(OSWCR): -118.108165
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	W	0.54	2,827.64	313.38	WATER WELLS

WCR No: WCR2013-010360
Location: 2219 Garfield Avenue
City: Monterey Park
County: Los Angeles
Decimal Latitude: 34.0406
Decimal Longitude: -118.126
Location(OSWCR): 2219 Garfield Avenue
City(OSWCR): Monterey Park
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 34.04063
Decim Long(OSWCR): -118.12552
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	W	0.54	2,827.64	313.38	WATER WELLS

WCR No: WCR1995-009648
Location: 1105 N SANTA ANITA AVE
City: South El Monte

County:	Los Angeles
Decimal Latitude:	34.0406
Decimal Longitude:	-118.126
Location(OSWCR):	1105 N SANTA ANITA AVE
City(OSWCR):	South El Monte
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.04063
Decim Long(OSWCR):	-118.12552
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	W	0.54	2,827.64	313.38	WATER WELLS

WCR No:	WCR0230147
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	34.0406
Decimal Longitude:	-118.126
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.04063
Decim Long(OSWCR):	-118.12552
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	W	0.54	2,827.64	313.38	WATER WELLS

WCR No:	WCR2006-009368
Location:	430 Potrero Grande Drive
City:	Monterey Park
County:	Los Angeles
Decimal Latitude:	34.0406
Decimal Longitude:	-118.126
Location(OSWCR):	430 Potrero Grande Drive
City(OSWCR):	Monterey Park
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.04063
Decim Long(OSWCR):	-118.12552
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	W	0.54	2,827.64	313.38	WATER WELLS

Wells and Additional Sources Detail Report

WCR No:	WCR1962-001682
Location:	GARFIELD, KELLER ST
City:	Monterey Park
County:	Los Angeles
Decimal Latitude:	34.0406
Decimal Longitude:	-118.126
Location(OSWCR):	GARFIELD, KELLER ST
City(OSWCR):	Monterey Park
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.04063
Decim Long(OSWCR):	-118.12552
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	W	0.54	2,827.64	313.38	WATER WELLS

WCR No:	WCR2006-009367
Location:	430 Potrero Grande Drive
City:	Monterey Park
County:	Los Angeles
Decimal Latitude:	34.0406
Decimal Longitude:	-118.126
Location(OSWCR):	430 Potrero Grande Drive
City(OSWCR):	Monterey Park
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.04063
Decim Long(OSWCR):	-118.12552
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	W	0.54	2,827.64	313.38	WATER WELLS

WCR No:	WCR1959-001529
Location:	KELLER, WILCOX ST
City:	
County:	Los Angeles
Decimal Latitude:	34.0406
Decimal Longitude:	-118.126
Location(OSWCR):	KELLER, WILCOX ST
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.04063
Decim Long(OSWCR):	-118.12552
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	W	0.54	2,827.64	313.38	WATER WELLS

WCR No:	WCR0145365
Location:	
City:	
County:	Los Angeles
Decimal Latitude:	34.0406
Decimal Longitude:	-118.126
Location(OSWCR):	
City(OSWCR):	
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.04063
Decim Long(OSWCR):	-118.12552
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	W	0.54	2,827.64	313.38	WATER WELLS

WCR No:	WCR2006-009449
Location:	430 Potrero Grande Drive
City:	Monterey Park
County:	Los Angeles
Decimal Latitude:	34.0406
Decimal Longitude:	-118.126
Location(OSWCR):	430 Potrero Grande Drive
City(OSWCR):	Monterey Park
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.04063
Decim Long(OSWCR):	-118.12552
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	W	0.54	2,827.64	313.38	WATER WELLS

WCR No:	WCR2006-009366
Location:	430 Potrero Grande Drive
City:	Monterey Park
County:	Los Angeles
Decimal Latitude:	34.0406
Decimal Longitude:	-118.126
Location(OSWCR):	430 Potrero Grande Drive

City(OSWCR): Monterey Park
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 34.04063
Decim Long(OSWCR): -118.12552
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	W	0.54	2,827.64	313.38	WATER WELLS

WCR No: WCR2006-009450
Location: 430 Potrero Grande Drive
City: Monterey Park
County: Los Angeles
Decimal Latitude: 34.0406
Decimal Longitude: -118.126
Location(OSWCR): 430 Potrero Grande Drive
City(OSWCR): Monterey Park
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 34.04063
Decim Long(OSWCR): -118.12552
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	W	0.54	2,827.64	313.38	WATER WELLS

WCR No: WCR1962-001730
Location: KELLER ST, GARFIELD AVE
City:
County: Los Angeles
Decimal Latitude: 34.0406
Decimal Longitude: -118.126
Location(OSWCR): KELLER ST, GARFIELD AVE
City(OSWCR):
County(OSWCR): Los Angeles
Decimal Lat(OSWCR): 34.04063
Decim Long(OSWCR): -118.12552
Data Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	W	0.54	2,827.64	313.38	WATER WELLS

WCR No: WCR1961-001827
Location: KELLER ST, GARFIELD AVE
City: Monterey Park

County:	Los Angeles
Decimal Latitude:	34.0406
Decimal Longitude:	-118.126
Location(OSWCR):	KELLER ST, GARFIELD AVE
City(OSWCR):	Monterey Park
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.04063
Decim Long(OSWCR):	-118.12552
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	W	0.54	2,827.64	313.38	WATER WELLS

WCR No:	WCR1959-001528
Location:	FULTON ST
City:	Monterey Park
County:	Los Angeles
Decimal Latitude:	34.0406
Decimal Longitude:	-118.126
Location(OSWCR):	FULTON ST
City(OSWCR):	Monterey Park
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.04063
Decim Long(OSWCR):	-118.12552
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	W	0.54	2,827.64	313.38	WATER WELLS

WCR No:	WCR2006-011443
Location:	2219 S Garfield Avenue
City:	Monterey Park
County:	Los Angeles
Decimal Latitude:	34.0406
Decimal Longitude:	-118.126
Location(OSWCR):	2219 S Garfield Avenue
City(OSWCR):	Monterey Park
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.04063
Decim Long(OSWCR):	-118.12552
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
84	WSW	0.92	4,859.01	257.75	WATER WELLS

Wells and Additional Sources Detail Report

WCR No:	WCR2020-013474
Location:	897 Garfield AVE
City:	Montebello
County:	Los Angeles
Decimal Latitude:	34.0327
Decimal Longitude:	-118.13
Location(OSWCR):	897 Garfield AVE
City(OSWCR):	Montebello
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.0326659
Decim Long(OSWCR):	-118.1302865
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
89	WSW	0.93	4,920.68	256.70	WATER WELLS

WCR No:	WCR2020-013471
Location:	897 Garfield AVE
City:	Montebello
County:	Los Angeles
Decimal Latitude:	34.0324
Decimal Longitude:	-118.13
Location(OSWCR):	897 Garfield AVE
City(OSWCR):	Montebello
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.0323614
Decim Long(OSWCR):	-118.1303375
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
89	WSW	0.93	4,920.68	256.70	WATER WELLS

WCR No:	WCR2020-013469
Location:	897 Garfield AVE
City:	Montebello
County:	Los Angeles
Decimal Latitude:	34.0324
Decimal Longitude:	-118.13
Location(OSWCR):	897 Garfield AVE
City(OSWCR):	Montebello
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.0324414
Decim Long(OSWCR):	-118.1302731
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water

Wells and Additional Sources Detail Report

Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
89	WSW	0.93	4,920.68	256.70	WATER WELLS

WCR No:	WCR2020-013473
Location:	897 Garfield AVE
City:	Montebello
County:	Los Angeles
Decimal Latitude:	34.0324
Decimal Longitude:	-118.13
Location(OSWCR):	897 Garfield AVE
City(OSWCR):	Montebello
County(OSWCR):	Los Angeles
Decimal Lat(OSWCR):	34.0323947
Decim Long(OSWCR):	-118.1300773
Data Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *LOS ANGELES* County: **2**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L
Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L
Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for *LOS ANGELES* County

No Measures/Homes:	69
Geometric Mean:	0.4
Arithmetic Mean:	0.7
Median:	0.5
Standard Deviation:	1
Maximum:	5.6
% >4 pCi/L:	1
% >20 pCi/L:	0
Notes on Data Table:	TABLE 1. Screening indoor radon data from the EPA/State Residential Radon Survey of California conducted during 1989-90. Data represent 2-7 day charcoal canister measurements from the lowest level of each home tested.

Appendix

Federal Sources

FEMA National Flood Hazard Layer — **FEMA FLOOD**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data — **INDOOR RADON**

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data — **PWSV**

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level — **RADON ZONE**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS) — **SDWIS**

This national download of Safe Drinking Water Act (SDWA) data is sourced from the U.S Environmental Protection Agency's (EPA) Enforcement and Compliance History Online (ECHO) system that incorporates Public Water Systems data from EPA's Safe Drinking Water Information System (SDWIS) database. SDWIS contains information on public water systems from the Public Water System Supervision (PWSS) Program related to requirements established by the Safe Drinking Water Act (SDWA). Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Soil Survey Geographic database — **SSURGO**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

U.S. Fish & Wildlife Service Wetland Data — **US WETLAND**

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

USGS Current Topo — **US TOPO**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology — **US GEOLOGY**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System — **FED USGS**

The U.S. Geological Survey's (USGS) National Water Information System (NWIS) is the nation's principal repository of water resources data. The data includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIS database information is obtained through the Water Quality Data Portal (WQP). The WQP is a cooperative service sponsored by the USGS, the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC).

Appendix

State Sources

Oil and Gas Wells **OGW**

The California Department of Conservation, Geologic Energy Management Division (CalGEM) provides this oil and gas wells dataset. CalGEM makes no warranties, whether expressed or implied, and the data is for informational purposes.

Periodic Groundwater Level Measurement Locations **MONITOR WELLS**

Locations of groundwater level monitoring wells in the Department of Water Resources (DWR)'s Periodic Groundwater Levels dataset. The DWR Periodic Groundwater Levels dataset contains seasonal and long-term groundwater level measurements collected by the Department of Water Resources and cooperating agencies.

Well Completion Reports **WATER WELLS**

List of wells from the Well Completion Reports data made available by the California Department of Water Resources' (DWR) Online System for Well Completion Reports (OSWCR). Please note that the majority of well completion reports have been spatially registered to the center of the 1x1 mile Public Land Survey System section that the well is located in.

Liability Notice

Reliance on information in Report: The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

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APPENDIX D: QUALIFICATIONS

PARTNER

Adrian Gutierrez
Project Assessor

Education

B.A. Global Studies, University of California, Santa Barbara

Registration

AHERA-Certified Asbestos Building Inspector DOSH #: CA-015-05 (#ABII0522230001N35192)

Highlights

Phase I Environmental Site Assessments
Transaction Screen Assessments
Environmental Desktop Reports
Lead in Water Sampling
Physical Condition Assessments

Experience Summary

Mr. Gutierrez serves as a Project Assessor for Partner Engineering and Science, Inc. (Partner), to perform Phase I Environmental Site Assessments in accordance with EPA's All Appropriate Inquiry (AAI) and the American Society of Testing and Materials (ASTM). His responsibilities include conducting Freedom of Information Act (FOIA) agency file reviews, detailed site-inspections, in-depth historical reviews, and preparation and submittal of reports.

Project Experience

Mr. Gutierrez has experience performing due diligence assessments for a variety of property types. For each assessment he reviews the condition of the building structure and systems and develops a thorough report.

Gas Station, Lomita, CA. Mr. Gutierrez performed a Phase I Environmental Site Assessment for a 0.53-acre gas station with two generations of underground storage tanks in open remediation during the time of the assessment.

Auto Dealership, Los Angeles, CA. Mr. Gutierrez performed a Phase I Environmental Site Assessment for a 1.45-acre auto dealership with onsite auto repair, aboveground storage tanks, hazardous materials, car wash services, and remedial action associated with its former development as a large steel manufacturing facility.

Multi-Family Housing, Santa Monica, CA. Mr. Gutierrez performed a Phase I Environmental Site Assessment for two five-story noncontiguous multi-family buildings each with subterranean levels and collected lead in water samples.

Large Shopping Center, Van Nuys, CA. Mr. Gutierrez performed a Phase I Environmental Site Assessment for a large shopping center consisting of 28 tenants on a 19.56-acre lot that served historically as an automobile manufacturing facility which resulted in extensive remedial action.

Food Processing Plant, Vernon, CA. Mr. Gutierrez performed a limited scope Environmental Site Assessment for a 56,670 square foot food processing plant equipped with six aboveground storage tanks, two 100,000-pound silos, three steam boilers, and a large hydraulic motor to power assembly operations.

Gas Station, Long Beach, CA. Mr. Gutierrez performed a Phase I Environmental Site Assessment for a 0.28-acre gas station with three generations of underground storage tanks, former oil derricks, and active remedial action.

Large Shopping Center, Yorba Linda, CA. Mr. Gutierrez performed a Phase I Environmental Site Assessment for a large shopping center on an 8.83-acre lot with 22 tenants including an active drycleaner operating for approximately 46 years which resulted in extensive remedial action.

Hotel, La Paz, Baja California Sur, MX. Mr. Gutierrez performed a Phase I Environmental Site Assessment for a 286-unit hotel under construction and a completed condominium development consisting of five total buildings, totaling approximately 315,598 square feet, elevators, subterranean levels, and hotel amenities.

Dry Cleaner, Compton, CA. Mr. Gutierrez performed a Phase I Environmental Site Assessment for 9,896 square foot shopping center with an on-site drycleaner.

Industrial Park, Paramount, CA. Mr. Gutierrez performed a Phase I Environmental Site Assessment for two industrial buildings totaling approximately 63,214 square feet and two radio towers.

Ranch, Yucaipa, CA. Mr. Gutierrez performed a Phase I Environmental Site Assessment for a 38-acre ranch equipped with residential housing, livestock, aboveground storage tanks, and groundwater wells.

Multi-Tenant Rebar Fabrication, San Bernardino, CA. Mr. Gutierrez performed a Phase I Environmental Site Assessment for a 4.43-acre multi-tenant rebar fabrication facility with an onsite crane, hydraulic presses and cutters, hazardous materials, and commercial vehicle servicing.

High-Rise Office Building, Los Angeles, CA. Mr. Gutierrez performed a Phase I Environmental Site Assessment for a 163,608 square foot high-rise office building with a sealed in-place underground storage tank and an emergency generator.

Multi-Tenant Industrial Park, Vernon, CA. Mr. Gutierrez performed a Phase I Environmental Site Assessment for a 1.80-acre multi-tenant industrial park with onsite manufacturing, storage of hazardous materials, and active remediation for historical refueling for commercial vehicles.

Subterranean Parking Garage, Los Angeles, CA. Mr. Gutierrez performed a Phase I Environmental Site Assessment for a 72,471 square foot subterranean parking garage consisting of four levels and emergency diesel generator.

Senior Living, Garden Grove, CA. Mr. Gutierrez assisted in performing a Physical Condition Assessment for a three-story multi-family building with 178 residential rooms.

High-Rise Multi-Family Building, Los Angeles, CA. Mr. Gutierrez performed a Phase I Environmental Site Assessment for a 218,680 square foot high-rise residential building with an emergency diesel generator and a former underground storage tank.

Student Housing, Santa Barbara, CA. Mr. Gutierrez performed a Phase I Environmental Site Assessment for 40 noncontiguous student housing buildings totaling approximately 120,424 square feet.

Contact

agutierrez@partneresi.com

PARTNER

Chris Randall
Senior Environmental Assessor

Education
B.S. Environmental Science, University of Tennessee at Chattanooga, Chattanooga, TN

Registrations
AHERA Certified Asbestos Inspector

Training
AHERA 24-hour Building Inspector Course

Highlights
Qualified Environmental Professional (EP)
15 years of experience performing environmental due diligence for the commercial real estate and insurance industries.

Performed or reviewed thousands of Phase I Environmental Site Assessments (ESAs), Phase II Subsurface Investigations, Transaction Screen Assessments (TSAs), and Environmental Desktop Reports
Performed environmental compliance for a major retail corporation.

Clients served have included residential and commercial developers, mortgage brokers, individual property owners and purchasers, local governmental entities, real estate investment trusts (REITs), private equity groups, and financial institutions such as Commercial Mortgage-Backed Securities (CMBS), Small Business Administration (SBA), Fannie Mae, and Freddie Mac lenders, insurance companies, and investment and regional banks.

Experience Summary
Mr. Randall has over 15 years of professional experience managing environmental due diligence projects in accordance with ASTM E1527 standards and EPA's All Appropriate Inquiry (AAI) requirements, Fannie Mae Delegated Underwriting Standards, Freddie Mac guidelines and other client-specific scopes of work. She is a qualified Environmental Professional under American Society for Testing and Materials (ASTM) E 1527-13 and has experience with a wide range of asset types including multifamily properties, office properties, retail shopping centers, gas stations, dry cleaners, hotels, auto dealership and service facilities, and various manufacturing operations in all 50 States, District of Columbia, and Canada.

Mr. Randall has conducted and managed thousands of assessments for a wide range of local and national clients, including real estate owners, investors, and lending institutions in accordance with the applicable ASTM Standards and Guidelines, United States Environmental Protection Agency (EPA) All Appropriate Inquiry rules, Fannie Mae Delegated Underwriting Standards, Freddie Mac guidelines, Housing and Urban Development (HUD) Multifamily Accelerated Processing (MAP) guidelines and other client-specific scopes of work.

Mr. Randall's environmental background provides him with thorough knowledge of State and Federal programs/regulations with a detailed understanding of the risks associated with, but not limited to, hazardous and regulated materials storage, use generation and disposal, aboveground and underground

storage tanks, polychlorinated biphenyls (PCBs), asbestos-containing materials (ACM), lead-based paint (LBP), mold, and radon.

Project Experience

Peachtree Center, Atlanta, Georgia. Completed/managed a Phase I Environmental Site Assessment of several Peachtree Center office, retail and parking garage buildings.

AmericasMart, Atlanta, Georgia. Completed/managed a Phase I Environmental Site Assessment of the 7,000,000-square foot AmericasMart trade exhibition center in Downtown Atlanta.

Buckhead Village District, Atlanta, Georgia. Completed/managed a Phase I Environmental Site Assessment of the six-block retail and dining center in Buckhead, Atlanta.

Briggs & Stratton Plants, Statesboro, Georgia and Auburn, Alabama. Completed/managed Phase I Environmental Site Assessments and Compliance Audits of small engine manufacturing plants.

The Club at Hokuli'a, Big Island, Hawaii. Completed/managed a Phase I Environmental Site Assessment of the Hokuli'a golf course and luxury Club facility.

SpeeDee Oil Change Portfolio, throughout the southeastern United States. Completed/managed Phase I Environmental Site Assessments of various oil change and auto service center facilities throughout the southeastern United States.

Student Housing Portfolio, throughout the United States. Reviewed Phase I Environmental Site Assessment reports for a multi-site portfolio of student housing properties located throughout the United States.

Contact

crandall@partneresi.com

PARTNER

Michael Eng, M.S.
Principal / Environmental Professional

Education

M.S., Environmental Science, Loyola Marymount University, Los Angeles, CA
B.S., Biological Science, Loyola Marymount University, Los Angeles, CA

Training / Certifications

Asbestos Building Inspector DOSH #: CA-015-05 (ABII0129190007N20838)
Advanced Institute of Pest Technology (AIPT) Branch III Technical Training – Pest Identification, Safety, and Construction Techniques
MBA – Fannie Mae and Freddie Mac Multifamily Property Inspection
Inspection Training Associates (ITA) Commercial Buildings Training

Highlights

15+ years in the environmental industry
13 years conducting environmental site assessments
10 years conducting building assessments

Experience Summary

Mr. Eng has more than 15 years of experience in the engineering and environmental consulting industry. He has a broad range of experience in various environmental disciplines that includes environmental due diligence assessments, natural resource management, wetlands delineation, and wastewater treatment.

Mr. Eng has project experience in Phase I Environmental Site Assessments (ESAs), Environmental Transaction Screens (ETS), radon screening, Property Condition / Needs Assessments (PCA/N), property condition evaluations, and seismic risk evaluations. Mr. Eng is familiar with all aspects of due diligence property assessments and the needs and requirements of a varied number of reporting standards, including: ASTM E2018, ASTM E1527-05 and -13, EPA's All Appropriate Inquiry (AAI), Fannie Mae DUS, Freddie Mac, HUD, and customized client formats or scope.

Mr. Eng has experience as a senior project manager in the due diligence environmental and building sciences/construction field and is currently a principal consultant within the same field. His background in the environmental sciences and property assessments allows him to provide complete and thorough assessments and evaluations to serve a client's specific needs. In addition to providing consulting services, Mr. Eng provides project oversight and quality assurance. His responsibilities include Phase I ESA project scope and design, implementation and execution, Quality Assurance/Quality Control (QA/QC) and technical reviews for Phase I ESAs throughout the United States and working with clients to discuss any project specific requirements as well as report findings and recommendations.

Project Experience

Mr. Eng has conducted several hundred Due Diligence Environmental Site Assessments (ESAs) and Property Condition Assessments for a variety of different property types including: multi-family residential dwellings, hotels/motels/resorts, commercial office buildings, shopping centers, multi-tenant commercial complexes, industrial warehouses, manufacturing facilities, dry cleaning plants, gasoline service stations, fuel distribution facilities, automotive repair and body shop, medical facilities, and food processing facilities.

The scope of his involvement on these projects include:

- Advising clients on existing environmental conditions associated to a site.
- Discussing various options for additional investigation.
- Performing lead-in-water sampling and radon screening for various multi-family residential dwellings.
- Evaluating the condition of all major building systems.
- Formulating cost analysis for building owners and perspective purchasers.

Phase I ESAs, Nationwide. Performed and managed numerous Phase I ESAs for a national property management firm overseeing foreclosed residential construction projects throughout the United States. Phase I ESAs were performed and completed in accordance with FDIC guidelines, an in an expedited timeframe.

Phase I ESAs, Texas and Florida. Performed and managed Phase I ESAs on a large portfolio of foreclosed dry-cleaning operations throughout the states of Texas and Florida. Phase I ESAs were performed to meet client and lender specific guidelines and regulations, and many included ASTM non-scope considerations. Project tasks included performing Phase I ESAs, managing the completion of Phase I ESAs including report editing and review, and client interaction.

Phase I ESAs, Arizona and New Mexico. Performed and managed Phase I ESAs that were conducted on a popular chain of equipment rental facilities equipped with storage tanks for fueling. Phase I ESAs were performed to meet client and lender specific guidelines and regulations, for the anticipated sale of over 10 locations. Several of the facilities required additional subsurface investigations.

Phase I ESAs, Port of Long Beach, California. Performed and managed Phase I ESAs that were conducted on several crude oil/fuel oil distribution facilities at the Port of Long Beach. Each of the facilities maintained at least 5+ above ground storage tanks (200+ foot diameter floating roof storage tanks) for transfer to semi-trucks and marine barge/ships.

Affiliations

Member, Mortgage Bankers Association

Contact

mike@partneresi.com

PARTNER

Robert L. Knight, AIA LEED AP
Regional Manager

Education
B.S., Architectural Engineering Technology, University of Cincinnati

Registrations
Registered Architect, Ohio
LEED Accredited Professional, USGBC

Highlights
33 years in the Architectural & Engineering Industry
17 years of experience with equity Property Condition Reports and Assessments
9 years of experience with Freddie Mac and Fannie Mae related projects
Experienced in Construction Risk Management, Construction Phase Services, Master Panning, Owner's Representative Services, Architecture and MEP Design and Consulting, Energy Efficiency Consulting, Sustainable Building Consulting and Research, and Policy Writing.

Experience Summary
Mr. Knight has over 33 years of experience with architectural and engineering solutions for the built environment. His background includes facility assessments, programming, master planning, design, and project/program management. He has provided services and led design and engineering teams for public and private sector clients.

Mr. Knight helps clients refine and achieve their vision by connecting innovative ideas, exceptional talents, and progressive vision grounded in professional solutions. He applies experience and best practices for the Client's specific situation, connecting the talents of over 450 Partner staff throughout the U.S., Canada, and Mexico.

Mr. Knight has delivered successful projects for Commercial Real Estate, Higher Education, Governmental/Institutional and Healthcare clients throughout the U.S. He has a passion for sustainable practices and environmentally friendly processes to deliver projects that exceed the client's expectations.

Project Experience
Prior to joining Partner, Mr. Knight served as Client Relationship Manager and Principal of projects for residential, industrial, institutional, and commercial clients in the private and public sectors. Markets include office/administration, health care, and research, with clients such as Fifth Third Bank, Dow Chemical Company, Eli Lilly, the US Department of Defense, the US Department of Veteran's Affairs, and NASA, among many others.

Mr. Knight has extensive experience performing Facility Condition Assessments and Master Planning. Services include preliminary programming and design services, including budgeting and scope development, asset evaluation and prioritization, growth projects, user surveys and presentations, and existing conditions evaluation.

Mr. Knight has also delivered Construction Risk Management services throughout his 33 years in the industry. Services provided during construction include site inspections, cost estimating, constructability

reviews, bidding administration, addressing contractor questions during construction, processing applications for payment, and project close-out.

Mr. Knight has experience with residential projects ranging from single family buildings to low-income apartment buildings to mixed-use facilities. Services included property condition assessments conforming to ASTM's E2018 Standard Guide for PCAs and customized client formats, A/E design and oversight, and Construction Risk Management.

Mr. Knight's experience includes independent oversight of design services performed by others as the Owner's Representative. Oversight includes policy creation, review and comment of design and construction documentation, construction phase services including observation. Forensic services as Owner's Representative also included include evaluation of structural and non-structural pre-failure conditions, Sick Building Syndrome (SBS) consultation, and oversight of sampling for hazardous materials.

For seven years, Mr. Knight was lead architect and Principal-in-Charge of facility assessments for 53 school buildings at 12 school districts totaling over 3,300,000 square feet while contracted to the Ohio School Facilities Commission (OSFC) under the Classroom Facility Assistance Program (CFAP) and Expedited Local Partnership Program (ELPP). For over a decade, Mr. Knight has lead master planning/facilitation workshops, teaming sessions, and meetings with the superintendent, design firms, construction manager, union representatives, and OSFC representatives.

Building Technologies Research
2015 – Project Director leading the Development of Cincinnati's first permitted and installed Rainwater Harvesting system.

2013 – Greater Cincinnati Foundation Funded Research Program - Cost Benefit Analysis and Practical Applications for Rainwater Harvesting in the Midwest. Program includes first pilot project using Ohio's draft code language (to be adopted in 2016) and data analytics.

2010 – Greater Cincinnati Foundation Funded Research Program - Harvesting Rainwater for Non-potable Use Inside Buildings. Research determined city, county, and state legal obstacles for applying this sustainable practice. Results included leading the crafting and adoption of City and County language for use of this Technology.

2007 - AIA National Funded Architectural Research Program - Schematic Energy Design Primer. Performed in conjunction with Miami University, Oxford, Ohio, this program characterized the shape and location of openings to determine air motion around and through the building.

Affiliations

American Institute of Architects
United States Green Building Council
University of Cincinnati Commercial Real Estate Roundtable

Speaking

"Applying Rainwater Harvesting to Lower Your Facility's Water Usage." PEDCO High Performance Buildings Seminar, Presenter, October 2014.

"Innovative Technologies, Rainwater Harvesting." USEPA Regional Workshop on Innovative Technologies, Presenter, April 2013.

"Saving Water." Cincinnati 3E Summit, Presenter, September 2011.

"Greening Cincinnati Public Schools." Panel Presentation to President Obama's principal environmental adviser, Nancy Sutly, September 2010.

"Greening Cincinnati for Economic Development." WCET Television Business Courier's Community Beat Program Guest, July 2009.

"LEED Standards for Green and Healthy Schools." Presenter at National School Building Conference, Pittsburgh, June 2009.

"At the Top in Cincinnati: National Leadership in Sustainability." Public Program, March 2009.

"LEED for Schools, success in Cincinnati." Presentation at USGBC National convention, Greenbuild, Boston, November 2008.

"The Greening of Cincinnati Public Schools." Presenter at USEPA Regional Conference, Cincinnati, April 2008.

Honors and Awards

Cincinnati Public School Teacher's Union
2008, Ohio's largest teacher's union honored Mr. Knight with the Contractor Diversity Award.

Clermont County Park District, Chilo Lock #34 Park and Visitor's Center Museum.
2006, Preservation Award, Cincinnati Preservation Association
2005, Honorable Mention, Facilities Development, Ohio Parks and Recreation Association Awards of Excellence Competition
2005, Built Environment Heritage Award/Historic Preservation, Ohio's Hill Country Heritage Area
2005, Community Project Award, Clermont 20/20
2005, Best Public Improvement Project, Heritage Ohio

Otto Armleder Memorial Aquatics Complex at Hanna Park
2004, American Institute of Architects, Merit Award for Built Work: Client: Cincinnati Recreation Commission, Mr. Knight was the Principal in Charge of the Design for this adaptive reuse project.

Contact

bknight@partneresi.com

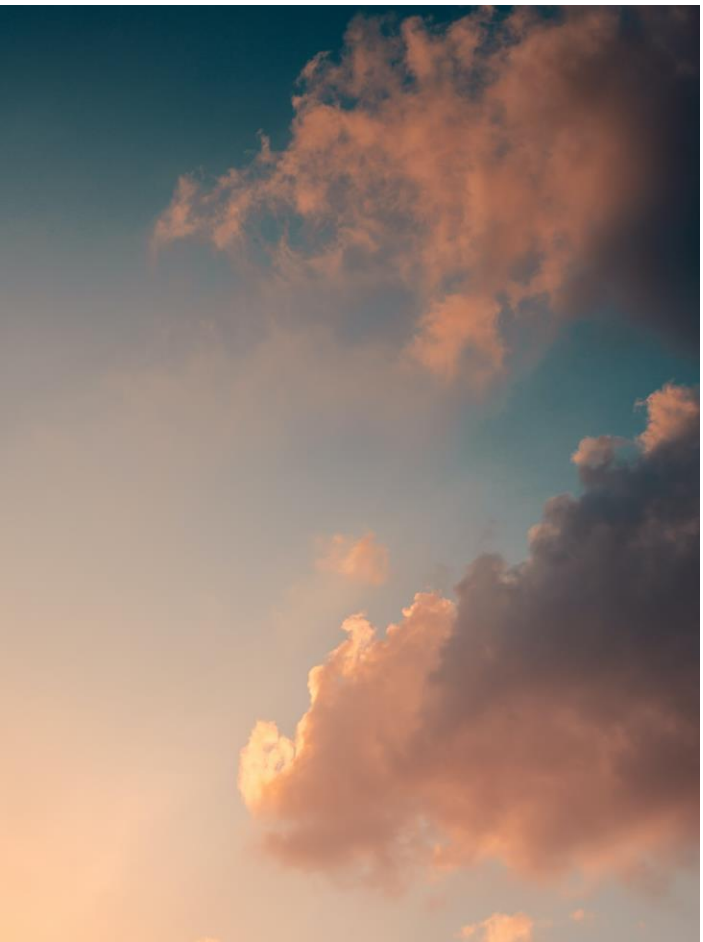
Appendix I

Water Resources Technical Report

Kimley»Horn







Monterey Park Data Center

Water Resources Technical Report

Prepared for:

SDCF MONTEREY PARK, LLC

660 Steamboat Road

Greenwich, CT 06830

Project Manager: Andy Willrodt, PE

Date Prepared: May 31, 2024

FUSCOE ENGINEERING, INC.
600 Wilshire Blvd, Suite 1470
Los Angeles, California 90017

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1. INTRODUCTION

1.1. PROJECT DESCRIPTION

The Monterey Park Data Center Project (Project) is proposed to be developed with an approximately 218,400 square foot building footprint on an approximately 15.83-acre site (Project Site). The Project is located at the intersection of Saturn Street and Orange Avenue in the "Saturn Park" commercial district in the City of Monterey Park within the County of Los Angeles. The Project Site is comprised of the Assessor Parcel Number (APN) as summarized below:

Table 1 Project Description

APNs	PARCEL	ADDRESSES	LOT AREA (AC)
5265-026-054	Parcel 1 & 2	1977 Saturn St, Monterey Park, CA 91755	15.83

The Project site is currently occupied by a split-level building with surface parking, along with a utility building The Project will entail the demolition and removal of the existing buildings and surface parking area. The proposed development is described in the following paragraph.

The proposed development consists of an approximately 218,400± square foot building fronting Saturn Street, with an adjacent equipment yard directly north of the building. Western and eastern entryways connecting the development to Saturn Street are proposed, with a fire lane wrapping around the building and equipment yard. Parking stalls are planned to be located north, east and west of the building and equipment yard. An electrical substation is also proposed, with the current location just north and east of the equipment yard. The proposed data center land usage is technology will be used to both house computer systems, and also for IT and associated staff to work on the systems. The Project is expected to provide 68 parking spaces.

1.2. SCOPE OF WORK

This report will address the existing and proposed surface water hydrology, surface water quality, and groundwater at the Project Site and immediate surrounding areas, as well as an analysis of the Project's potential impacts on each of these water resources.

2. REGULATORY FRAMEWORK

2.1. SURFACE WATER HYDROLOGY

County of Los Angeles Hydrology Manual

As one of the cities within Los Angeles County, the City of Monterey Park uses the Los Angeles County (County) Department of Public Works Hydrology Manual as the basis of design for storm drainage facilities within the City. The Hydrology Manual requires that a storm drain conveyance system be designed for a 25-year storm event and that the combined capacity of a storm drain, and street flow system accommodate flow from a 50-year storm event.[1] Areas with sump conditions are required to have a storm drain conveyance system capable of conveying storm flows associated with a 50-year storm event. The County also limits the allowable discharges into existing storm drain facilities based on the Municipal Separate Storm Sewer System (MS4) Permit which is enforced on all new developments that discharge directly into the County's storm drain system. Any proposed drainage improvements of County-owned storm drain facilities such as catch basins and storm drain lines require the review/approval from the County Flood Control District department. The Project does not propose a direct County connection.

The proposed Project is required to utilize the Hydrology Manual and accompanying hydrologic tools including HydroCalc Calculator to calculate existing and proposed discharges and volumes from the Project. The proposed Project analyzes the 2-year, 10-year, 25-year, and 50-year storm events.

National Flood Insurance Program

The National Flood Insurance Act of 1968 and the Flood Disaster Protection Act of 1973 mandate the Federal Emergency Management Agency (FEMA) to evaluate flood hazards. FEMA provides flood insurance rates maps (FIRMS) for local and regional planners to promote sound land use and development practices by identifying potential flood areas based on the current conditions. To delineate a FIRM, FEMA conducts engineering studies, and FEMA engineers and cartographers delineate special flood hazard areas (SFHA) on FIRMs.

2.2. SURFACE WATER QUALITY

Clean Water Act

Controlling pollution of the nation's receiving water bodies has been a major environmental concern for more than three decades. Growing public awareness of the impacts of water pollution in the United States culminated in the establishment of the federal Clean Water Act[2] (CWA) in 1972, which provided the regulatory framework for surface water quality protection.

The United States Congress amended the CWA in 1987 to specifically regulate discharges to waters of the United States from public storm drain systems and storm water flows from industrial facilities, including construction sites, and require such discharges be regulated

[1] Los Angeles County Department of Public Works Hydrology Manual, January 2006. Found here: https://dpw.lacounty.gov/wrd/publication/engineering/2006_Hydrology_Manual.pdf .

[2] Also referred to as the Federal Water Pollution Control Act of 1972.

through permits under the National Pollutant Discharge Elimination System (NPDES).[3] Rather than setting numeric effluent limitations for storm water and urban runoff, the CWA regulation calls for the implementation of Best Management Practices (BMPs) to reduce or prevent the discharge of pollutants from these activities to the Maximum Extent Practicable (MEP) for urban runoff and meeting the Best Available Technology Economically achievable (BAT) and Best Conventional Pollutant Control Technology (BCT) standards for construction storm water. Regulations and permits have been implemented at the federal, State, and local level to form a comprehensive regulatory framework to serve and protect the quality of the nation's surface water resources.

In addition to reducing pollution with the regulations described above, the CWA also seeks to maintain the integrity of clean waters of the United States – in other words, to keep clean waters clean and to prevent undue degradation of others. As part of the CWA, the Federal Anti-Degradation Policy [40 Code of Federal Regulations (CFR) Section 131.12] States that each State "shall develop and adopt a Statewide anti-degradation policy and identify the methods for implementing such policy…" [40 CFR Section 131.12(a)]. Three levels of protection are defined by the federal regulations:

1. Existing uses must be protected in all of the Nation's receiving waters, prohibiting any degradation that would compromise those existing uses;
2. Where existing uses are better than those needed to support propagation of aquatic wildlife and water recreation, those uses shall be maintained, unless the State finds that degradation is "…necessary to accommodate important economic or social development" [40 CFR Section 131.12(a)(2)]. Degradation, however, is not allowed to fall below the existing use of the receiving water; and
3. States must prohibit the degradation of Outstanding National Resource Waters, such as waters of national and State parks, wildlife refuges, and waters of exceptional recreation or ecological significance.

Federal Anti-Degradation Policy

The Federal Anti-Degradation Policy (40 CFR 131.12) requires States to develop Statewide anti-degradation policies and identify methods for implementing them. Pursuant to the CFR, State anti-degradation policies and implementation methods shall, at a minimum, protect and maintain (1) existing in-stream water uses; (2) existing water quality, where the quality of the waters exceeds levels necessary to support existing beneficial uses, unless the State finds that allowing lower water quality is necessary to accommodate economic and social development in the area; and (3) water quality in waters considered an outstanding national resource.

Porter-Cologne Water Quality Act

In the State of California, the State Water Resources Control Board (SWRCB) and local Regional Water Quality Control Boards (RWQCBs) have assumed the responsibility of implementing the United States Environmental Protection Agency's (USEPA) NPDES Program and other programs under the CWA such as the Impaired Waters Program and the Anti-Degradation Policy. The primary quality control law in California is the Porter-Cologne Water Quality Act (Water Code Sections 13000 et seq.). Under Porter-Cologne, the SWRCB issues joint federal NPDES Storm Water permits and State Waste Discharge Requirements (WDRs) to operators of municipal separate storm sewer systems (MS4s), industrial facilities, and construction sites to obtain coverage for the storm water discharges from these operations.

[3] CWA Section 402(p).

California Anti-Degradation Policy

The California Anti-Degradation Policy, otherwise known as the Statement of Policy with Respect to Maintaining High Quality Water in California was adopted by the SWRCB (State Board Resolution No. 68-16) in 1968. Unlike the Federal Anti-degradation, Policy, the California Anti-Degradation Policy applies to all waters of the State, not just surface waters. The policy States that whenever the existing quality of a water body is better than the quality established in individual Basin Plans, such high quality shall be maintained and discharges to that water body shall not unreasonably affect present or anticipated beneficial use of such water resource.

California Toxic Rule

In 2000, the EPA promulgated the California Toxic Rule, which establishes water quality criteria for certain toxic substances to be applied to waters in the State. The USEPA promulgated this rule based on the EPA's determination that the numeric criteria are necessary in the State to protect human health and the environment. The California Toxic Rule establishes acute (i.e., short-term) and chronic (i.e., long-term) standards for bodies of water such as inland surface waters and enclosed bays and estuaries that are designated by the Los Angeles Regional Water Quality Control Board (LARWQCB) as having beneficial uses protective of aquatic life or human health.

Board Basin Plan for the Coastal Watersheds of Los Angeles and Ventura Counties

As required by the California Water Code, the LARWQCB has adopted a plan entitled “Water Quality Control Plan, Los Angeles Region: Basin Plan for the Coastal Watersheds of Los Angeles and Ventura Counties” (Basin Plan). Specifically, the Basin Plan designates beneficial uses for surface and groundwaters, sets narrative and numerical objectives that must be attained or maintained to protect the designated beneficial uses and conform to the State's anti-degradation policy, and describes implementation programs to protect all waters in the Los Angeles Region. In addition, the Basin Plan incorporates (by reference) all applicable State and Regional Board plans and policies and other pertinent water quality policies and regulations. Those of other agencies are referenced in appropriate sections throughout the Basin Plan.

NPDES Permit Program

The NPDES permit program was first established under authority of the CWA to control the discharge of pollutants from any point source into the waters of the United States. As indicated above, in California, the NPDES stormwater permitting program is administered by the SWRCB through its nine RWQCBs.

The General Permit for Construction Activities

SWRCB Order No. 2022-0057-DWQ known as “General Permit” was adopted on September 8, 2022, and became effective on September 1, 2023. This NPDES permit establishes a risk-based approach to stormwater control requirements for construction Projects by identifying three Project risk levels. The main objectives of the General Permit are to:

1. Reduce erosion
2. Minimize or eliminate sediment in stormwater discharges
3. Prevent materials used at a construction site from contacting stormwater
4. Implement a sampling and analysis program

5. Eliminate unauthorized non-stormwater discharges from construction sites
6. Implement appropriate measures to reduce potential impacts on waterways both during and after construction of Projects
7. Establish maintenance commitments on post-construction pollution control measures
8. Incorporates applicable Total Maximum Daily Loads (TMDL's) and modifies inspection oversight responsibilities

California mandates requirements for all construction activities disturbing more than one acre of land to develop and implement Stormwater Pollution Prevention Plans (SWPPP). The SWPPP documents the selection and implementation of BMPs for a specific construction Project, charging Owners with stormwater quality management responsibilities. A construction site subject to the General Permit must prepare and implement a SWPPP that meets the requirements of the General Permit.

As part of the Project, preparation, and implementation of a SWPPP will be required. In addition, the Project will be required to obtain a Waste Discharger Identification Number (WDID) through the State's Storm Water Multiple Application and Report Tracking System (S.M.A.R.T.S.).

Los Angeles County Municipal Storm Water System (MS4) Permit

As described previously, USEPA regulations require that MS4 permittees implement a program to monitor and control pollutants being discharged to the municipal system from both industrial and commercial Projects that contribute a substantial pollutant load to the MS4.

On December 13, 2001, the California Regional Water Quality Control Board, Los Angeles Region (LARWQCB) adopted Order No. 01-182 under the CWA and the Porter-Cologne Act. This Order is the NPDES Permit or MS4 permit for municipal stormwater and urban runoff discharges within Los Angeles County. The requirements of this Order (the "Permit") cover 84 cities and most of the unincorporated areas of Los Angeles County. Under the Permit, the Los Angeles County Flood Control District (LACFCD) is designated as the Principal Permittee. The Permittees are the 84 Los Angeles County cities (including the City of Monterey Park) and unincorporated areas within Los Angeles County. Collectively, these are the "Co-Permittees". The Principal Permittee helps to facilitate activities necessary to comply with the requirements outlined in the Permit but is not responsible for ensuring compliance of any of the Permittees.

Since adoption of Order No. 01-182, the California Regional Water Quality Control Board, Los Angeles Region (LARWQCB) has adopted Order No. R4-2021-0105, as amended by State Water Board Order WQ 2020-0038 NPDES Permit No. CAS004004 on July 23, 2021. This current permit will expire on September 11, 2026.

The City of Monterey Park is a Permittee of the LARWQCB, and is therefore subject to the requirements set forth in Order No. R4-2021-0105, as amended by State Water Board Order WQ 2020-0038, NPDES Permit No. CAS004004.

City of Monterey Park Stormwater Program

The City of Monterey Park supports the policies of the General Permit for Construction Activities and the Los Angeles County NPDES permit through the Low Impact Development Standards Manual which was adopted in February 2014. The Manual provides guidance for developers in complying with the requirements of the NPDES MS4 Permit for stormwater and

non-stormwater discharges from the MS4 within the coastal watersheds of Los Angeles County (CAS004001, Order No. R4-2012-0175). The handbook and ordinances also have specific minimum BMP requirements for all construction activities and require dischargers whose construction Projects disturb one acre or more of soil to prepare a SWPPP and file a Notice of Intent (NOI) with SWRCB. The NOI informs the SWRCB of a particular Project and results in the issuance if a Waste Discharger Identification (WDID) number, which is needed to demonstrate compliance with the General Permit.

The City of Monterey Park implements the requirement to incorporate stormwater BMPs through the City's plan review and approval process. During the review process Projects are reviewed for compliance with the City's General Plan, zoning ordinances, and other applicable local ordinances and codes, including storm water requirements. Plans and specifications are reviewed to ensure that the appropriate BMPs are incorporated to address storm water pollution prevention goals.

Low Impact Development (LID)

LID is a stormwater strategy that is used to mitigate the impacts of runoff and stormwater pollution as close to its source as possible. Urban runoff discharged from municipal storm drain systems is one of the principal causes of water quality impacts in most urban areas. The stormwater may contain pollutants such as trash and debris, bacteria and viruses, oil and grease, sediments, nutrients, metals, and toxic chemicals that can negatively affect the ocean, rivers, plant and animal life, and public health.

LID encompasses a set of site design approaches and BMPs that are designed to address runoff and pollution at the source. These LID practices can effectively remove nutrients, bacteria, and metals, while reducing the volume and intensity of stormwater flows.

Section 6.30 of the City of Monterey Park's Municipal Code includes requirements for stormwater and urban runoff pollution prevention controls. The code states that persons owning or operating facilities subject to best management practices; standard urban stormwater mitigation plans (SUSMP); or low impact development (LID) plan requirements must comply with such requirements including obtaining all necessary permits.

Section 6.30 of the City's code further states that all structural BMPs must be properly operated and maintained in accordance with product specifications and site characteristics to maintain effectiveness in reducing the discharge of pollutants. Documentation of proper structural BMP operation and maintenance activities must be retained on-site at all times, and made available upon request by an authorized enforcement officer.

The Project is subject to compliance with Order No. R4-2021-0105, which became effective on July 23, 2021. The main purpose of this law is to ensure that redevelopment projects mitigate runoff in a manner that captures or treats rainwater at its source, while utilizing natural resources where possible.

In accordance with Order No. R4-2021-0105, stormwater runoff shall be infiltrated, evapotranspired, captured and used, or treated through high removal efficiency BMPs, onsite, through stormwater management techniques that comply with provisions of the LA County LID standards Manual (February 2014). County of Los Angeles guidelines recommend that the corrected infiltration rate be equal to or greater than 0.3 inches per hour.

2.3. GROUNDWATER

California Groundwater Sustainability Act

On Sept. 16, 2014, California Governor Jerry Brown signed into law a three-bill legislative package, known as the Sustainable Groundwater Management Act of 2014 (SGMA). The SGMA provides a framework for sustainable management of groundwater supplies by local authorities, with a limited role for State intervention only if necessary to protect the resource.

The SGMA requires the formation of local groundwater sustainability agencies (GSAs) that must assess conditions in their local water basins and adopt locally-based management plans. The act provides substantial time – 20 years – for GSAs to implement plans and achieve long-term groundwater sustainability. It protects existing surface water and groundwater rights and does not impact current drought response measures.

The California Water Commission (CWC) requires a Statewide prioritization of California's groundwater basins using the following eight criteria:

1. Overlying population;
2. Projected growth of overlying population;
3. Public supply wells;
4. Total wells;
5. Overlying irrigated acreage;
6. Reliance on groundwater as the primary source of water;
7. Impacts on the groundwater; including overdraft, subsidence, saline intrusion, and other water quality degradation; and
8. Any other information determined to be relevant by the Department.

The Project Site is located within the Coastal Plain of Los Angeles - Central Basin Subbasin. GSAs responsible for high-and medium-priority basins must adopt groundwater sustainability plans within five to seven years, depending on whether the basin is in critical overdraft. Agencies may adopt a single plan covering an entire basin or combine a number of plans created by multiple agencies. Preparation of groundwater sustainability plans is exempt from CEQA. Plans must include a physical description of the basin, including groundwater levels, groundwater quality, subsidence, information on groundwater-surface water interaction, data on historical and projected water demands and supplies, monitoring and management provisions, and a description of how the plan will affect other plans, including City and County general plans. Plans will be evaluated every five years.

Board Basin Plan for the Coastal Watersheds of Los Angeles and Ventura Counties

As required by the California Water Code, the LARWQCB has adopted the Basin Plan. Specifically, the Basin Plan designates beneficial uses for surface and groundwaters, sets narrative and numerical objectives that must be attained or maintained to protect the designated beneficial uses and conform to the State's anti-degradation policy, and describes implementation programs to protect all waters in the Los Angeles Region. In addition, the Basin Plan incorporates (by reference) all applicable State and regional board plans and policies and other pertinent water quality policies and regulations. Those of other agencies are referenced in appropriate sections throughout the Basin Plan.

The Basin Plan is a resource for the LARWQCB and others who use water and/or discharge wastewater in the Los Angeles Region. Other agencies and organizations involved in environmental permitting and resource management activities also use the Basin Plan.

Finally, the Basin Plan provides valuable information to the public about local water quality issues.

Safe Drinking Water Act (SDWA)

The federal Safe Drinking Water Act (SDWA), established in 1974, sets drinking water standards throughout the country and is administered by the USEPA. The drinking water standards established in the SDWA, as set forth in the CFR, are referred to as the National Primary Drinking Water Regulations (Primary Standards, Title 40, CFR Part 141) and the National Secondary Drinking Water Regulations (Second Standards, 40 CFR Part 143). California passed its own SDWA in 1986 that authorizes the State's Department of Health Services (DHS) to protect the public from contaminants in drinking water by establishing maximum contaminants levels, as set forth in the California Code of Regulations (CCR), Title 22, Division 4, Chapter 15, that are at least as stringent as those developed by the USEPA, as required by the federal SDWA.

3. ENVIRONMENTAL SETTING

3.1. SURFACE WATER HYDROLOGY

3.1.1. Regional

The Project is located within the Los Angeles River Watershed in the County of Los Angeles which covers approximately 533,860 acres. Major tributaries to the river in the San Fernando Valley are the Pacoima Wash, Tujunga Wash (both drain portions of the Angeles National Forest in the San Gabriel Mountains), Burbank Western Channel and Verdugo Wash (both drain the Verdugo Mountains). The Los Angeles River flows 55 miles from Canoga Park through the San Fernando Valley, Downtown Los Angeles, and the Gateway Cities to its mouth in Long Beach, where it flows into San Pedro Bay.

All runoff from the Project drains to the Los Angeles River through City and LACFCD storm drain lines.

3.1.2. Local

Stormwater from the Project site generally drains via surface flow, toward the adjacent roadways. The property is not bound by any natural bodies of water and is not subject to flooding. Drainage routes to Saturn Street and conveys via curb and gutter southwesterly to existing City owned public catch basins directly in front of the existing commercial building (storm drain as-built missing from City records) and public catch basins near the site's southerly drive entry.

Please refer to **Appendix A** for the existing condition and proposed condition hydrology maps.

3.1.3. On Site

The existing condition hydrology for the Project Site has been delineated into one Drainage Area (see **Appendix A** for exhibits). Existing drainage patterns for the Project is described as below:

The onsite drainage area flows southerly to Saturn Street. There is an existing 24" City owned storm drain in Orange Avenue flowing south to Saturn Street. At Saturn Street, the 24" storm drain routes southwest along the property frontage for about 700 feet to the midpoint of the commercial building until it upsizes to 39". The 39" storm drain then continues southwesterly to the property's southerly drive entry and upsizes again to 42". The 42" storm drain then continues southwesterly in Saturn Street to Atlas Avenue before routing due east through a nearby office park in an easement to Riggin Street.

Under the existing conditions, the entire Project Site area is fully built-out with high impervious conditions (approximately 66%) and the predominant land use being surface parking lot, portions of hillside, and commercial buildings. The topography of the site is relatively flat, draining via primarily surface flow toward the adjacent roadway. See **Appendix A** for the depiction of the drainage area and discharge points for existing and proposed conditions. There are no known drainage issues associated with the Project Site.

Table 2 below provides 10-year, 25-year, and 50-year storm frequency analysis for the Project Site's existing conditions. These storm frequencies are required by Los Angeles County Public Works (10-year), Hydrology Manual for Urban Flood level of protection (25-year), and the State CEQA Guidelines requirements (50-year). Output calculations are provided in **Appendix B**.

Table 2 Existing Condition 10-year, 25-year, and 50-year Storm Event Hydrology

Existing Conditions 10-year Storm Frequency				
Drainage Sub-Area	Acreage	Time of Concentration (min)	% Imperviousness	Q_{10} (cfs)
A	16.0	12.0	66%	23.2
Existing Conditions 25-year Storm Frequency				
Drainage Sub-Area	Acreage	Time of Concentration (min)	% Imperviousness	Q_{25} (cfs)
A	16.0	10.0	66%	31.5
Existing Conditions 50-year Storm Frequency				
Drainage Sub-Area	Acreage	Time of Concentration (min)	% Imperviousness	Q_{50} (cfs)
A	16.0	10.0	66%	36.1
Notes: See **Appendix A** for the existing hydrology exhibit and **Appendix B** for existing hydrology calculations.				

3.1.4. FEMA

The Project is within Map Number 06037C1665F, dated September 26, 2008, on Federal Emergency Management Agency's (FEMA's) Flood Insurance Rate Map (FIRM). Based on the FIRM, the Project is within Zone X, which depicts areas determined to be outside of the 0.2% (500-year) annual chance floodplain and no coordination or permitting with FEMA is required.

3.2. SURFACE WATER QUALITY

3.2.1. Watershed Setting

As described previously, the Project is located within the Los Angeles River Watershed. Approximately 324 square miles of the watershed are covered by forest or open space land including the area near the headwaters which originate in the Santa Monica, Santa Susana, and San Gabriel Mountains. The rest of the watershed is highly developed.

The Los Angeles River and other selected water bodies in its watershed, including the Tujunga Wash, Burbank Western Channel, Verdugo Wash, and Rio Hondo are impaired by pollutants (i.e., trash, metals, bacteria, nutrients) mainly because of the watershed's large, dense population and the amount of impervious ground surface that prevents large quantities of runoff from infiltrating into the soils.

3.2.1.1. Beneficial Uses in Los Angeles River Watersheds

The Los Angeles River Watershed consists of inland surface water uses from the Los Angeles River Estuary, Reach 1, Reach 2, Reach 3, Reach 4, Reach 5, and Reach 6. The existing and potential beneficial uses for the waters within the Los Angeles River Watershed where inland

surface water flows from the southeast portion of the Project and ultimately discharge to the San Pedro Bay are described below.

Table 3 Beneficial Uses of Inland Surface Waters in the Los Angeles River Watershed

MUN* - Municipal and Domestic Supply	**WARM*** - Warm Freshwater Habitat
COMM - Commercial and Sport Fishing	**MAR** - Marine Habitat
SPWN - Spawning, Reproduction, and/or Early Development	**RARE** - Rare, Threatened, or Endangered Species
MIGR - Migration or Aquatic Organisms	**WILD** - Wildlife Habitat
SPWN - Spawning, Reproduction, and/or Early Development	**LREC-1** - Limited Water Contact Recreation
WET – Wetland Habitat	**REC1** - Water Contact Recreation
SHELL - Shellfish Harvesting	**REC2** - Non-contact Water Recreation
IND - Industrial Service Supply	**PROC** - Industrial Process Supply
GWR – Groundwater Recharge	
Notes: * Potential beneficial use Source: Los Angeles Regional Water Quality Control Board Beneficial Use Table, found here: http://www.waterboards.ca.gov/losangeles/water_issues/programs/basin_plan/Beneficial_Uses/ch2/Revised%20Beneficial%20Use%20Tables.pdf	

In addition to the beneficial uses of inland surface waters the Los Angeles River Watershed also includes beneficial coastal features within the Los Angeles River Estuary. Described below are the beneficial uses of these coastal waterbodies that receive storm drain discharges.

Table 4 Beneficial Uses of Coastal Features in the Los Angeles River Watershed

NAV - Navigation	**COMM** - Commercial and Sport Fishing
EST - Estuarine Habitat	**MAR** - Marine Habitat
WILD - Wildlife Habitat	**MIGR** - Migration or Aquatic Organisms
SPWN - Spawning, Reproduction, and/or Early Development	**RARE** - Rare, Threatened, or Endangered Species
SHELL - Shellfish Harvesting	**WETb** – Wetland Habitat
IND - Industrial Service Supply	
Notes : * Potential beneficial use Source: Los Angeles Regional Water Quality Control Board Beneficial Use Table, found here: http://www.waterboards.ca.gov/losangeles/water_issues/programs/basin_plan/Beneficial_Uses/ch2/Revised%20Beneficial%20Use%20Tables.pdf	

3.2.1.2. Impairments and TMDL's in the Los Angeles River Watershed

CWA 303(d) List of Water Quality Limited Segments

Under Section 303(d) of the CWA, States are required to identify water bodies that do not meet their water quality standards. Biennially, the LARWQCB prepares a list of impaired waterbodies in the region, referred to as the 303(d) list. The 303(d) list outlines the impaired waterbody and the specific pollutant(s) for which it is impaired. All waterbodies on the 303(d) list are subject to the development of a TMDL.

Storm water runoff from the Project discharges to Rio Hondo, Los Angeles River Reach 2, Los Angeles River Reach 1, Los Angeles River Estuary, and then eventually to the San Pedro Bay. According to the 2018 303(d) list of Limited Water Quality Segments published by the SWRCB, the Rio Hondo, Los Angeles River Reach 2, Los Angeles River Reach 1, Los Angeles River Estuary, and San Pedro Bay are listed as impaired by the constituents in **Table 5** below.

Table 5 List of 303(d) Impairments

Water Body	Listed Pollutants with TMDL 303(d) Impairment
Rio Hondo Reach 2	Coliform Bacteria , Cyanide
Rio Hondo Reach 1	pH , Toxicity , Lead , Trash , Copper , Zinc , Indicator Bacteria
Los Angeles River Reach 2	Trash , Nutrients (Algae) , Ammonia , Indicator Bacteria , Oil , Copper , Lead
Los Angeles River Reach 1	Copper, Dissolved , Cadmium , Ammonia , Zinc, Dissolved , pH , Cyanide , Nutrients (Algae) , Indicator Bacteria , Trash , Lead
Los Angeles River Estuary	Chlordane, PCBs (Polychlorinated biphenyls) (sediment), Trash, DDT (sediment), Toxicity
San Pedro Bay	Total DDT (sum of 4,4'- and 2,4'- isomers of DDT, DDE, and DDD), PCBs (Polychlorinated biphenyls), Toxicity, Chlordane
Source: 2018 Integrated Report (Clean Water Act Section 303(d) List / 305(b) Report) – Statewide, found here: https://gispublic.waterboards.ca.gov/portal/apps/webappviewer/index.html?id=e2def63ccef54eedbee4ad726ab1552c	

Total Maximum Daily Loads (TMDLs)

Los Angeles River Watershed

Once a water body has been listed as impaired on the 303(d) list, a TMDL for the constituent of concern (pollutant) must be developed for that water body. A TMDL is an estimate of the daily load of pollutants that a water body may receive from point sources, non-point sources, and natural background conditions (including an appropriate margin of safety), without exceeding its water quality standard. Those facilities and activities that are discharging into the water body, collectively, must not exceed the TMDL. In general terms, municipal, small MS4, and other dischargers within each watershed are collectively responsible for meeting the required reductions and other TMDL requirements by the assigned deadline.

The LARWQCB has adopted wet-weather TMDLs in the Los Angeles River. These TMDL pollutants include cadmium, copper, lead, and zinc.

3.2.2. On Site

There are no existing water quality BMPs associated with the existing conditions. There are no drainage issues associated with the Project site. Anticipated pollutants consistent with parking lots, building areas and landscaping include total suspended solids (TSS), oil/grease, heavy metals, nutrients, pesticides, and trash. See **Appendix A** for existing drainage areas and discharge points.

3.3. GROUNDWATER

3.3.1. Regional

The City of Monterey Park overlies the Los Angeles Coastal Plain Groundwater Basin (Basin), which is identified by SGMA as a very low priority basin. The Basin consists of four major subbasins: Hollywood, Santa Monica, Central and West Coast. Replenishment of the Basins occurs primarily through imported water from the Colorado River, Sacramento-San Joaquin River Delta, and the Eastern Sierras, spreading basins, recycled water, and local runoff. Injection wells are also used to pump fresh water along specific seawater barriers to prevent the intrusion of salt water. Groundwater within the Basin generally flows in a south and southwesterly direction.

3.3.2. Local

The Project resides specifically within the Central Basin, which is located in the eastern part of the Los Angeles Coastal Plain Groundwater Basin.

Central Basin

The Central Basin (CB) covers approximately 270 square miles and is bounded on the north by the Hollywood Basin and the Elysian, Repetto, Merced, and Puente hills, to the east by the Los Angeles County/Orange County line, and to the south and west by the Newport-Inglewood Uplift (NIU). The California Department of Water Resources (1961) divided the Central Basin into three sections: the Los Angeles Forebay, the Montebello Forebay, and the Whittier Area. The two forebays represent areas of unconfined aquifers (water table aquifers) that allow percolation of surface water down into the deeper aquifers to replenish the basins. The Whittier Area is a confined aquifer system that receives relatively minimal recharge from surface water. It is replenished from the up-gradient forebays and from adjacent groundwater basins.

3.3.3. On Site

Leighton Consulting, INC has prepared a planning-level preliminary geotechnical investigation (March 27, 2024) for the Project Site. The information below is in regard to the document.

Field exploration was performed on December 5, 2023, and consisted of drilling, sampling, and logging of five (5) hollow-stem auger borings (designated LB-1 through LB-5). Borings were excavated to depths ranging from approximately 10 feet to 36.5 feet below existing ground surface (bgs) within the footprint of the proposed building as well as the preferred substation location.

Prior to its current development, the site was previously rough-graded under the geotechnical observation and testing of Leighton and Associates, Inc. (1978). The fill material is locally derived from canyon alluvium and weathered bedrock of the Fernando Formation. These materials are characterized as Silty Sand (SM) with traces of gravel, to Sandy Clayey Silt (CL-ML) to Sandy Clay (CL) with fine to coarse sand to poorly graded Sand with Clay and gravels (SP-CL). Maximum density (Leighton, 1978) and optimum moisture for the fill placed during 1978 indicate optimum moisture content ranging from 8 to 10% and maximum dry density ranging from 125 to 129 pounds per cubic feet (pcf).

Groundwater was not encountered during the current exploration drilled to exploration depths of 36.5 feet bgs. Groundwater is not expected to pose a constraint to construction for the Project as currently planned.

In-situ percolation testing was not performed at the site. However due to shallow bedrock and clayey low permeability engineered fill below the site, infiltration is not considered geotechnically feasible and is therefore not recommended.

Review of both the Earthquake Zones of Required Investigation El Monte Quadrangle, California Geological Survey Zone Map (CGS, 2014) indicate the site is not within an area potentially susceptible to liquefaction (Figure 5, Seismic Hazard Map). With groundwater at a depth greater than 50 feet below grade and relatively medium dense to dense engineered fill overlying hard bedrock below the site, the potential for liquefaction and related lateral spreading effects on the site is considered very low.

4. SIGNIFICANCE THRESHOLD

4.1. SURFACE WATER HYDROLOGY

With respect to the surface water hydrology, the CEQA Guidelines inquire whether the Project would:

- Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:
  - Result in substantial erosion or siltation on- or off-site;
  - Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site;
  - Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or
  - Impede or redirect flood flows
  - In instances of flood hazard, tsunami, or seiche zones, risk release of pollutants due to Project inundation

4.2. SURFACE WATER QUALITY

With respect to surface water quality, the CEQA Guidelines (Appendix G) inquire whether the Project would:

- Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?
- In instances of flood hazard, tsunami, or seiche zones, risk release of pollutants due to Project inundation?
- Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

The CEQA Guidelines include the following relevant definitions:

"Pollution" means an alteration of the quality of the waters of the State to a degree which unreasonably affects either of the following: 1) the waters for beneficial uses or 2) facilities which serve these beneficial uses. "Pollution" may include "Contamination".

"Contamination" means an impairment of the quality of the waters of the State by waste to a degree, which creates a hazard to the public health through poisoning or though the spread of disease. "Contamination" includes any equivalent effect resulting from the disposal of waste, whether or not waters of the State are affected.

"Nuisance" means anything which meets all of the following requirements: 1) is injurious to health, or is indecent or offensive to the senses, or an obstruction to the free use of property, so as to interfere with the comfortable enjoyment of life or property; 2) affects at the same time an entire community or neighborhood, or any considerable number of persons, although the extent of the annoyance or damage inflicted upon individuals may be unequal; and 3) occurs during, or as a result of, the treatment or disposal of wastes.

4.3. GROUNDWATER

With respect to groundwater quality, the CEQA Guidelines (Appendix G) inquire whether the Project would:

- Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?
- Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the Project may impede sustainable groundwater management of the basin
- Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

5. METHODOLOGY

5.1. SURFACE WATER HYDROLOGY

The Project site is located within Los Angeles County Flood Control District (LACFD) jurisdiction therefore, the City of Monterey Park has adopted the County Department of Public Works (LACDPW) Hydrology Manual as its basis of design for storm drainage facilities. The LACDPW Hydrology Manual requires Projects to have drainage facilities that meet the Urban Flood level of protection. The Urban Flood is runoff from a 25-year frequency design storm falling on a saturated watershed. A 25-year frequency design storm has a probability of 1/25, or 4-percent, of being equaled or exceeded in any year. To provide a more conservative analysis, this report analyzed a larger storm event threshold, i.e., the 50-year frequency design storm event. However, the City of Monterey Park's CEQA Threshold Guide, establishes the 50-year frequency hydrology as a result of development. This is in part because the City of Monterey Park uses the 50-year storm event to plan the existing and planned storm water drainage systems. Consequently, the use of the 50-year frequency design storm event in this analysis is in-line with the CEQA threshold to determine if the Project exceeds the capacity of existing or planned storm water drainage systems or provides additional sources of polluted runoff.

The Modified Rational Method was used to calculate storm water runoff. The "peak" (maximum value) runoff for a drainage area is calculated using the formula, **Q=CIA**
Where,

Q = Volumetric flow rate (cfs)
C = Runoff coefficient (dimensionless)
I = Rainfall Intensity at a given point in time (in/hr)
A = Basin area (acres)

The Modified Rational Method assumes that a steady, uniform rainfall rate will produce maximum runoff when all parts of the basin area are contributing to outflow. This occurs when the storm event lasts longer than the time of concentration. The time of concentration (Tc) is the time it takes for rain in the most hydrologically remote part of the basin area to reach the outlet. The method assumes that the runoff coefficient (C) remains constant during a storm. The runoff coefficient is a function of both the soil characteristics and the percentage of impervious surfaces in the drainage area.

Calculations were performed utilizing the hydrologic calculator (HydroCalc) developed by the Los Angeles County Department of Public Works. HydroCalc completes the full Modified Rational Method (MODRAT) calculation process and produces the peak stormwater runoff flow rates and volumes for single subareas. The existing and proposed hydrology exhibits are provided in **Appendix A**. Detailed calculations for the existing and proposed conditions, based on the HydroCalc tool, are provided in **Appendix B**.

5.2. SURFACE WATER QUALITY

5.2.1. Construction

Prior to the issuance of grading permits, the applicant is required by The City to provide of a Notice of Intent (NOI) and WDID Number issued from the SWRCB in accordance with the requirements of the General Permit to ensure the potential for soil erosion and construction impacts are minimized. In accordance with the updated General Permit (Order No 2022-0057-

DWQ), the following Permit Registration Documents (PRD's) are required to be submitted to the SWRCB prior to commencement of construction activities:

- Notice of Intent (NOI);
- Risk Assessment (Standard or Site-Specific);
- Particle Size Analysis (if site-specific risk assessment is performed);
- Site Map;
- SWPPP;
- Annual Fee & Certification.

The updated General Permit uses a risk-based approach for controlling erosion and sediment discharges from construction sites, since the rates of erosion and sedimentation can vary from site to site depending on factors such as duration of construction activities, climate, topography, soil condition, and proximity to receiving water bodies. The updated General Permit identifies three levels of risk with differing requirements, designated as Risk Levels 1, 2, and 3, with Risk Level 1 having the fewest permit requirements and Risk Level 3 having the most-stringent requirements.

The Risk Assessment incorporates two risk factors for a Project site: sediment risk (general amount of sediment potentially discharged from the site) and receiving water risk (the risk sediment discharges can pose to receiving waters). Based on the Risk Level a Project falls under, different sets of regulatory requirements are applied to the site. The main difference between Risk Levels 1, 2, and 3 are the numeric effluent standards. In Risk Level 1, there are no numeric effluent standard requirements, as it is considered a Low sediment risk and Low receiving water risk. Instead, narrative effluent limits are prescribed. In Risk Level 2, Numeric Action Levels (NALs) of pH between 6.5-8.5 and turbidity below 250 NTU are prescribed in addition to the narrative effluent limitations found in Risk Level 1 requirements. Should the NAL be exceeded during a storm event, the discharger is required to immediately determine the source associated with the exceedance and to implement corrective actions if necessary to mitigate the exceedance. Risk Level 3 dischargers must comply with Risk Level 2 requirements for NALs in addition to more rigorous monitoring requirements such as receiving water monitoring and, in some cases, bioassessment, should NALs be exceeded.

5.2.2. Operation

The Project must comply with the requirements of the City of Monterey Park. The LID requirements, approved by the LARWQCB, call for the treatment of the peak mitigation flow rate or volume of runoff produced either by a 0.75" 24-hr rainfall event or the 85th percentile rainfall event, whichever is greater. Under section 3.2.2 of the LID Manual, this post construction stormwater runoff from the new development shall be infiltrated, evapotranspired, captured and used, and/or treated through high efficiency BMPs onsite. The rainfall depth of the 85th percentile rainfall for the Project Site's location is 0.9 inches; therefore, the 85th percentile rainfall event governs.

The LID Manual establishes an order of priority, as specified below. Each type of BMP shall be implemented to the maximum extent feasible when determining the appropriate BMPs for a Project.

1. Infiltration Systems
2. Stormwater Capture and Use
3. High Efficiency Biofiltration/Bioretention Systems
4. Combination of Any of the Above

Feasibility screening as described in the LID Manual is to be applied to determine which BMP is best suited for a proposed development Project.

5.3. GROUNDWATER

This report discusses the impact of the Project as it relates to the underlying groundwater conditions of the Central Basin of the Los Angeles Coastal Groundwater Basin. The significance of the Project as it relates to the condition of the underlying groundwater table included a review of the following existing considerations:

- Identification of the Central Basin of the Los Angeles Coastal Groundwater Basin as the underlying groundwater basin, and description of the level, quality, direction of flow, and existing uses for the groundwater
- Description of the location, existing uses, production capacity, quality, and other pertinent data for spreading grounds and potable water wells in the vicinity (typically within a one-mile radius) and

The analysis of the proposed Project impacts on groundwater conditions includes a review of the following proposed considerations:

- Description of the rate, duration, location and quantity of extraction, dewatering, spreading, injection or other activities;
- The Projected reduction in groundwater resources and any existing wells in the vicinity (typically within one-mile radius); and
- The projected change in local or regional groundwater flow patterns

Project construction and operation would comply with local, State, and federal regulations, including the LARWQCB, Construction General Permit, Basin Plan, and the Section 6.30 of the City's Municipal Code. Commonly practiced BMPs, as required by these regulations, would be implemented to control construction site runoff and reduce the discharge of pollutants to storm drain systems from stormwater and other nonpoint-source runoff. As part of compliance with permit requirements during ground-disturbing or construction activities, implementation of water quality control measures and BMPs would ensure that water quality standards would be achieved, including the water quality objectives that protect designated beneficial uses of surface and groundwater, as shall be defined in the Water Quality Control Plan for the Project.

Construction runoff would also have to comply with the appropriate water quality objectives for the region. The permits listed above require stormwater discharges not to contain pollutants that cause or contribute to an exceedance of any applicable water quality objectives or water quality standards, including designated beneficial uses. Therefore, the Project would not obstruct implementation of a water quality control plan.

In addition, short-term groundwater quality impacts could potentially occur during construction of the Project as a result of soil or shallow groundwater being exposed to construction activities, materials, wastes, and spilled materials. These potential impacts are qualitatively assessed.

Thus, for the reasons specified above, construction and operation of the Project would not conflict with or obstruct implementation of a CEQA environmental checklist implementation of a water quality control plan or sustainable groundwater management plan. Therefore, this impact would be less than significant.

6. PROJECT IMPACT ANALYSIS

6.1. CONSTRUCTION

6.1.1. Surface Water Hydrology and Quality

Implementation of the Project would result in construction activities that includes demolition of the existing parking lots and buildings on-site and excavation of existing soils.

Construction activities have the potential to temporarily alter the existing drainage patterns of the Project site and also increase the permeability of a site based on increased pervious surface coverage during construction. Exposed pervious surfaces also have the potential for erosion, scour and increased sediment and associated pollutants discharging from the site during construction activities. The main pollutant of concern during construction is typically sediment and soil particles that discharge off-site due to wind, rain, and construction patterns.

Construction Best Management Practices (BMPs)

In accordance with the existing and updated General Permit, a construction SWPPP must be prepared and implemented for the Project site, and revised as necessary, as administrative or physical conditions change. The SWPPP must be made available for review upon request, shall describe construction BMPs that address pollutant source reduction, and provide measures/controls necessary to mitigate potential pollutant sources. These measures/controls include, but are not limited to: erosion controls, sediment controls, tracking controls, non-storm water management, materials & waste management, and good housekeeping practices including the following:

- Erosion control BMPs, such as hydraulic mulch, soil binders, and geotextiles and mats, protect the soil surface by covering and/or binding the soil particles. Temporary earth dikes or drainage swales may also be employed to divert runoff away from exposed areas and into more suitable locations. When implemented correctly, erosion controls will effectively reduce the sediment loads entrained in storm water runoff from construction sites.
- Sediment controls are designed to intercept and filter out soil particles that have been detached and transported by the force of water. All storm drain inlets on the Project site or within the Project vicinity (i.e., along streets immediately adjacent to the Project boundary) should be adequately protected with an impoundment (i.e., gravel bags) around the inlet and equipped with a sediment filter (i.e., fiber roll). Bags should also be placed around areas of soil disturbing activities, such as grading or clearing.
- Stabilize all construction entrance/exit points to reduce the tracking of sediments onto adjacent streets. Wind erosion controls should be employed in conjunction with tracking controls.
- Non-storm water management BMPs prohibit the discharge of materials other than storm water, as well as reduce the potential for pollutants from discharging at their source. Examples include avoiding paving and grinding operations during the rainy season (i.e., October 1 through April 30 each year) where feasible, and performing any vehicle equipment cleaning, fueling and maintenance in designated areas that are adequately protected and contained.

- Waste management consists of implementing procedural and structural BMPs for collecting, handling, storing, and disposing of wastes generated by a construction Project to prevent the release of waste materials into storm water discharges.

Prior to commencement of construction activities, the General Permit requires the Project SWPPP to be prepared in accordance with the site-specific sediment risk analyses based on the grading plans, with erosion and sediment controls proposed for each phase of construction for the Project. The phases of construction will define the maximum amount of soil disturbed, the appropriately sized sediment basins and other control measures to accommodate all active soil disturbance areas and the appropriate monitoring and sampling plans. Major phases of the construction for the Project are described below.

Mass & Rough Grading

During mass and/or rough grading, a substantial amount of soil disturbing activities or earthwork will occur. As a consequence, soil loss potential will be at its highest risk level to exceed NALs/NELs specified in the General Permit. Therefore, an effective combination of erosion and sediment controls will be implemented during this phase of construction.

This region requires the use of sediment basins or sediment traps to control the amount of sediment discharged off-site during the rainy season. Sediment basins or sediment traps generally act as primary sediment control facilities at downstream locations that provide final polish of runoff prior to discharging off-site. Therefore, they are a major element in a Project's erosion and sediment control design.

Utility and Road Installation

In addition to the erosion and sediment control BMP requirements for the grading phase, the utility and road installation phase will introduce materials to the Project site that may cause or contribute to exceedances of NALs specified in the General Permit. Materials include, but are not limited to hydrated lime, concrete, mortar, Portland cement treated base, and fly ash. For this reason, pH levels shall be controlled at this stage through non-storm water management and waste and materials management BMPs.

Vertical Construction

Once utilities and roads are in place, sediment controls (such as sediment/desilting basins) found in the rough grade phase may no longer be applicable as previously designed, due to the installment of curb and gutter, catch basins, and storm drain infrastructure to convey runoff off-site per the post-construction condition. BMPs at this stage will thus be more focused on on-site sediment control BMPs and at discharge points (i.e., catch basin inlet protection). During vertical construction, a substantial amount of construction materials will be delivered to the site, and wastes generated from the site have the potential to negatively impact pH levels. Therefore, non-storm water management and waste and materials management BMPs shall be employed regularly.

Final Stabilization and Landscaping

During final stabilization and landscaping, minimal construction will be taking place and the majority of the Project site will be stabilized. The majority of activities will involve planting and

landscaping lots and common areas. Sediment control at discharge locations and stockpile management will be of primary concern. Good housekeeping practices will continue in this phase of construction.

Through compliance with the General Permit including the preparation of a SWPPP, implementation of BMPs, and compliance with applicable City grading regulations, construction of the Project would not cause flooding, substantially increase or decrease the amount of surface water in a water body, or result in a permanent, adverse change to flow direction. The Project would also not result in discharges that would cause: (1) pollution that would impact the quality of waters of the State to a degree which negatively impacts beneficial uses of the waters; (2) contamination of the quality of the waters of the State by waste to a degree which creates a hazard to the public health through poisoning or through the spread of diseases; or (3) nuisance that would be injurious to health, affect an entire community or neighborhood or any considerable number of persons, and occurs during or as a result of the treatment or disposal of wastes.

At this stage in the proposed Project, a detailed, site-specific Risk Assessment cannot be performed. However, based on the Project's location and known site conditions, a preliminary erosion calculation can be performed. The Project is located in a low-risk watershed and at this stage of the Project the construction schedule is not identified. See **Table 6** below highlighting the various requirements for Risk Levels 1-3 due to the unknown Risk Factor of the Project at this stage.

Table 6 Risk Level Requirements

	Visual Inspection					Sample Collection	
Risk Level	Quarterly Non-Storm Water Discharge	Baseline	REAP	Daily Storm BMP	Post Storm	Storm Water Discharge	Receiving Water
1	X	X		X	X		
2	X	X	X	X	X	X	
3	X	X	X	X	X	X	X [1]

Notes
[1] When numeric effluent level (NEL) exceeded.
REAP (Rain Event Action Plan)

Through compliance with applicable regulatory requirements, including compliance with an approved SWPPP and conformance with the Project's assessed Risk Level, construction of the Project would not result in discharges that would cause surface water hydrology or water quality regulatory impacts within the Los Angeles River Watershed. Therefore, impacts to surface water hydrology and water quality during construction would be less than significant.

6.1.2. Groundwater Hydrology

Construction of the Project is not anticipated to impact any water supply wells. No water supply wells are located at or within one thousand feet of the Project and the Project will not include the construction of any water supply wells. In addition, recharge of groundwater will not be impacted. Water for construction would come from the City's Water Department and would not affect the groundwater hydrology. Dewatering is not anticipated for this Project.

6.1.3. Groundwater Quality

If dewatering were to occur, to protect groundwater quality, the General NPDES Permit No CAC004004 (Order No. R4-2021-0105) covers discharges to surface waters of groundwater from dewatering operations. 40 CFR section 122.48 of the Permit requires that all NPDES permits specify requirements for recording and reporting water quality monitoring results. The Monitoring and Reporting Program establishes monitoring and reporting requirements to implement federal and State requirements. The LARWQCB evaluates the test results to determine if the water can be discharged under an NPDES dewatering permit, and if so, any treatment required to remove pollutants prior to discharge. As mentioned, the Project will acquire a dewatering permit from the LARWQCB and discharges will either go to the sewer (with separate authorization from Los Angeles City Sanitation) or to the storm drain system after water quality testing of the groundwater to ensure the quality of the water is sufficient to discharge to the adjacent storm drain system. All monitoring requirements and other provisions of the Permit will be followed.

During on-site grading and building activities, hazardous materials such as fuels, paints, solvents, and concrete additives could be used and require proper management and containment during construction activities. The presence of such materials provides an opportunity for hazardous materials to be released into groundwater. To protect groundwater resources, the Project will comply with all applicable federal, State and local requirements related to the handling, storage, application and disposal of hazardous waste which will reduce the potential for construction activities of the Project to release contaminants into groundwater that could affect existing contamination, mobilize or increase the level of groundwater contamination, or cause a violation of regulatory water quality standards at an existing production well. Therefore, the Project would not result in a significant increase in groundwater contamination though hazardous materials releases and impacts on groundwater quality during Project construction would be less than significant.

6.2. OPERATION

6.2.1. Surface Water Hydrology

Development of the Project would result in the addition of landscaped areas and building areas throughout the Project Site and would decrease the amount of impervious surfaces from 66 percent to 62 percent. **Table 7** below provides an analysis of the 10-year, 25-year, and 50-year frequency design storm events following construction of the Project. Hydrology exhibits are provided in **Appendix A**. Output calculations are provided in **Appendix B**.

Table 7 Proposed Condition 10-year, 25-year, and 50-year Storm Event Hydrology

10-year Storm Event			
Area	Acreage	% Imperviousness	Q_{10} (cfs)
Total Site	16.0	62%	21.4
25-year Storm Event			
Area	Acreage	% Imperviousness	Q_{25} (cfs)
Total Site	16.0	62%	28.8
50-year Storm Event			
Area	Acreage	% Imperviousness	Q_{50} (cfs)
Total Site	16.0	62%	34.4
Notes: Calculations included in **Appendix B**.			

Table 8 provides a comparison of the existing and proposed peak flows for the 10-year, 25-year, and 50-year storm events.

Table 8 Existing versus Proposed Condition for the 10-year, 25-year, and 50-year Storm Event Hydrology

10-year Storm Event		
Condition	% Imperviousness	Q_{10} (cfs)
Existing Total Site	66%	23.2
Proposed Total Site	62%	21.4
25-year Storm Event		
Condition	% Imperviousness	Q_{25} (cfs)
Existing Total Site	66%	31.5
Proposed Total Site	62%	28.8
50-year Storm Event		
Condition	% Imperviousness	Q_{50} (cfs)
Existing Total Site	66%	36.1
Proposed Total Site	62%	34.4
Notes: Calculations included in **Appendix B**.		

Based on the above, implementation of the Project would decrease the peak flow discharge for the 10-year, 25-year, and 50-year events as compared to the existing condition.

Accordingly, based on the hydrology analysis, the Project would not result in on-site or off-site flooding, impact the capacity of the existing storm drain system or street conveyance system, or worsen an existing condition flood condition. In addition, the Project would not substantially reduce or increase the amount of surface water in the local water body or result in a permanent adverse change in the drainage pattern that would result in an incremental effect on the capacity of the storm existing storm drain system. Therefore, operation of the Project would result in less than significant impact on surface water hydrology.

All storm drain infrastructure onsite connects to the existing City public 24" or 39" storm drain lines in Saturn Street.

6.2.2. Surface Water Quality

Stormwater runoff from the Project has the potential to discharge pollutants into the City and County storm drain systems. Anticipated pollutants and typical source areas include the following:

Table 9 Potential Stormwater Pollutants and Sources

Pollutant	Source
Sediment (coarse and fine)	Parking lots, driveways, building rooftops, landscape areas, roads
Nutrients (dissolved and particulates)	Landscape areas, lawns
Pesticides	Landscape areas, lawns
Pathogens	Landscape areas, lawns, building rooftops, food serving areas
Trash/debris	Parking lots, driveways, roadways, parks
Oil/grease	Parking lots, driveways, roadways, food serving areas
Metals (dissolved and particulate)	Parking lots, driveways, roadways

To meet the local MS4 Permit and LID requirements consistent with the County's LID Ordinance and the LID Development BMP Handbook (February 2014), stormwater management strategies will be implemented throughout the Project Site. As discussed above, a feasibility analysis of BMP strategies has been conducted for the Project Site.

Per the Geotechnical Investigation by Leighton Consulting, Inc. on March 27, 2024, "due to shallow bedrock and clayey low permeability engineered fill below the site, infiltration is not considered geotechnically feasible and is therefore not recommended."

The next BMP strategy on the County list, Capture and Use, would next be evaluated if infiltration were deemed infeasible. Capture and use, commonly referred to as rainwater harvesting, collects and stores stormwater for later use, thereby offsetting potable water demand and reducing pollutant loading to the storm drain system. Therefore, sufficient landscaped area with appropriate water demand is needed for the captured runoff to be directed to. In the County of Los Angeles, the use of collected stormwater is primarily limited to irrigation of landscaped surfaces. Similar to infiltration BMPs, there are several restrictions and site constraints that can limit the use of harvesting and reuse of stormwater, including if

the contemplated use of harvested stormwater would violate existing codes or ordinances, such as for those that overlap with use of reclaimed water or xeriscaping, if the demands of the Project are not supported by the reuse system, and if it conflicts with any other downstream water rights or poses a significant risk to human health or environmental degradation.

The next BMP strategy studied would be the use of a high removal efficiency biofiltration/bioretention BMP. Biofiltration BMPs are landscaped facilities that capture and treat stormwater runoff through a variety of physical and biological treatment processes. These facilities, also called Bioretention Planter Boxes, provide multiple benefits, including pollutant control, peak flow control, and low amounts of volume reduction through infiltration and evapotranspiration.

Due to the Project's unsuitable infiltration conditions, harvest and reuse will need to be analyzed for feasibility. The condition for reuse is likely not practical due to the low water demand of the proposed land use, thus not being able to meet drawdown requirements. As a result, stormwater treatment via biofiltration will be studied.

Refer to **Appendix C** for calculations and plan on biofiltration sizing and location. See **Table 10** below for the BMP sizing summary.

Table 10 Biofiltration LID Summary

Drainage Area ID	Tributary Area (ft^2)	Tributary Area (ac)	Percent Impervious	SWQDQ Required (cfs)	BMP
A	696,960	16.0	62%	1.92 x 1.5 = 2.88	Six (6) 8x20 Filterras

As noted in the existing conditions description, the existing site does not have any structural or LID BMPs onsite. Therefore, implementation of the LID features proposed as part of the Project would result in a significant improvement in surface water quality runoff as compared to existing conditions. Water quality (LID) hydrologic calculations are included in **Appendix C**.

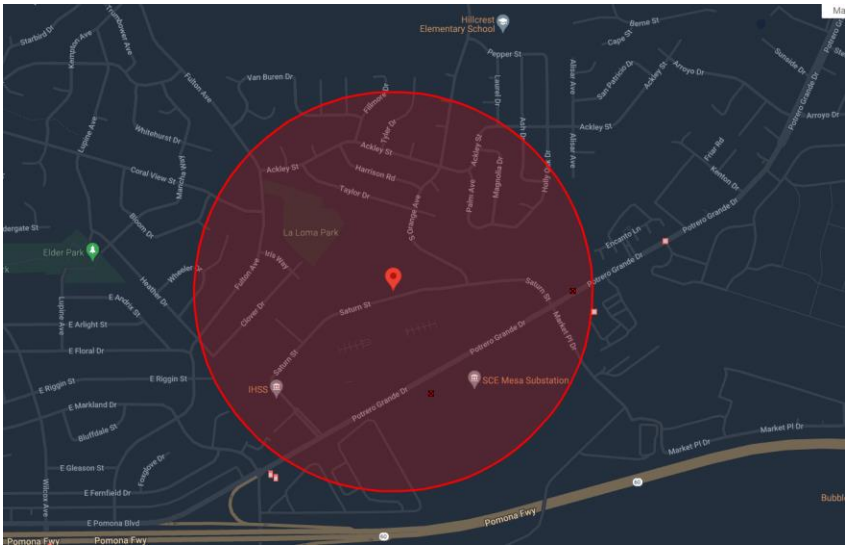
Based on the required compliance with applicable LID requirements, operation of the Project would not result in discharges that would cause: (1) an incremental increase in pollution which would alter the quality of the waters of the State (Los Angeles River Watershed) to a degree which unreasonably affects beneficial uses of the waters; (2) an incremental increase of contamination of the quality of the waters of the State by waste to a degree which creates a hazard to the public health through poisoning or through the spread of diseases; or (3) an incremental increase in the nuisance that would injurious to health; affect an entire community or neighborhood, or any considerable numbers of persons; and occurs during or as a result of the treatment or disposal of wastes. Lastly, operation of the Project would not result in discharges that would cause regulatory standards to be violated in the Los Angeles River Watershed. Thus, operational impacts on surface water quality would be less than significant.

6.2.3. Groundwater Hydrology

Under the proposed conditions, region and local potable water levels and adjacent wells or well fields will not be impacted by the Project. The post-developed Project does not include any groundwater pumping and relies on the local water purveyor for water. In addition, the Project is not anticipated to adversely change the rate of direction of flow of groundwater. Accordingly, potential groundwater hydrology impacts during Project operation would be less than significant.

6.2.4. Groundwater Quality

The Geotracker website (State Water Resources Control Board) indicates there are no significant sources of soil or groundwater pollution within the Project area. There are two Leaking Underground Storage Tank (LUST) sites within a 2000 ft radius of the Project area. All LUST sites have been cleaned and removed. The main contaminants from the site includes diesel and gasoline. Accordingly, potential groundwater quality impacts during Project operation would be less than significant. See screenshot below from Geotracker.



6.3. CUMULATIVE IMPACTS

6.3.1. Surface Water Hydrology

The regional geographic context for the cumulative impact analysis on surface water hydrology is the Los Angeles River Watershed. The Project will reduce flows to this watershed due to increased perviousness as compared to the existing conditions. BMPs will be implemented during the construction phase of the Project to ensure against erosion or negative impacts to surface water hydrology. In accordance with City and County requirements, related Projects and other future development Projects would be required to implement BMPs to manage stormwater in accordance with applicable LID guidelines. Local and regional infrastructure is available to accommodate stormwater runoff. Therefore, potential cumulative impacts associated with the Project on surface water hydrology would be less than significant.

6.3.2. Surface Water Quality

No significant impacts are anticipated regarding surface water quality during the construction or operational phases of the Project. Construction of the Project will not result in discharges that would cause regulatory water quality impacts within the Los Angeles River Watershed. In accordance with City and County requirements, related Projects and other future development Projects would be required to implement LID strategies and BMPs to address site runoff and prevent contaminants from entering Los Angeles River Estuary, Reach 1, Reach 2, Reach 3, Reach 4, Reach 5, and Reach 6. Therefore, potential cumulative impacts associated with the Project on surface water quality would be less than significant.

6.3.3. Groundwater Hydrology

Groundwater hydrology at the Project Site is not anticipated to be impacted. In accordance with City and County requirements, related Projects and other future development Projects would be required to assess existing groundwater hydrology conditions and implement measures to avoid potential groundwater impacts. Therefore, potential cumulative impacts associated with the Project on groundwater hydrology would be less than significant.

6.3.4. Groundwater Quality

Groundwater quality at the Project Site is not anticipated to be impacted. The Geotracker website (State Water Resources Control Board) indicates there are no significant sources of soil or groundwater pollution within the Project area and local vicinity. In accordance with City and County requirements, related Projects and other future development Projects would be required to assess existing groundwater quality conditions and implement measures to avoid potential impacts. Therefore, potential cumulative impacts associated with the Project on groundwater quality would be less than significant.

7. LEVEL OF SIGNIFICANCE

Based on the analysis contained in this report no significant impacts have been identified for surface water hydrology, surface water quality, or groundwater for this Project.

8. APPENDICES

Appendix A – Existing and Proposed Hydrology Exhibits

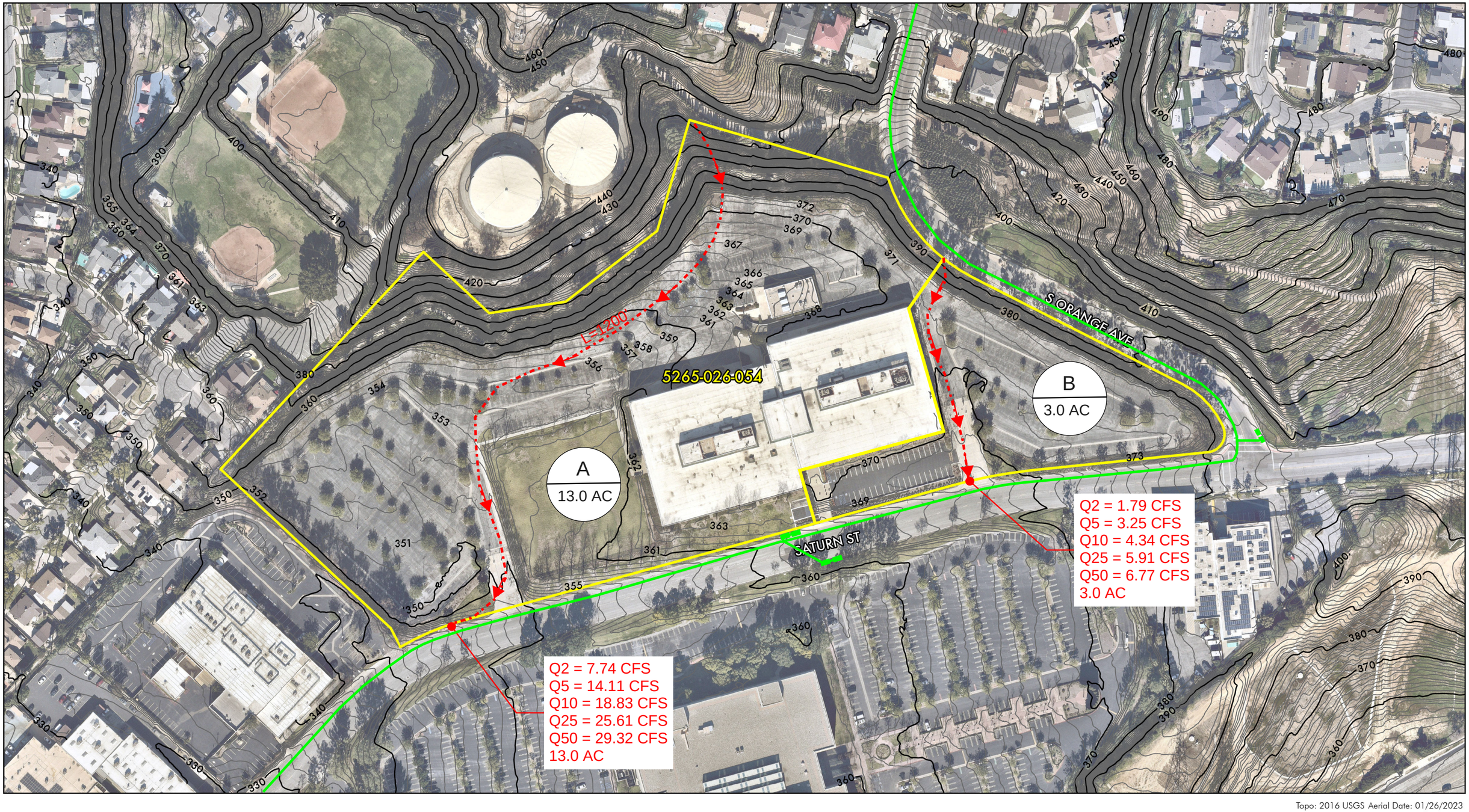
Appendix B – Existing and Proposed Hydrology Calculations

Appendix C – Water Quality Calculations

Appendix D – FEMA Map

APPENDIX A

EXISTING AND PROPOSED HYDROLOGY EXHIBITS



Topo: 2016 USGS Aerial Date: 01/26/2023

1977 Saturn St

Monterey Park, CA

FUSCOE ENGINEERING
full circle thinking

Existing Storm Drain

Existing Catch Basin

Existing Condition Hydrology Map

Exhibit 1

3/28/2023

N

1 inch = 150 feet

0 150 300 Feet

Y:\projects\MontereyParkProject\mxd\saturnStMonterey_220328.aprx

Peak Flow Hydrologic Analysis

File location: F:/Projects/4140/001/_Support Files/Reports/Hydrology/Preliminary Hydrology/LID Hydrology/85th - 4140-001-02 - Proposed.pdf
Version: HydroCalc 1.0.2

Input Parameters

Project Name	4140-001-02
Subarea ID	Proposed
Area (ac)	16.0
Flow Path Length (ft)	1220.0
Flow Path Slope (vft/hft)	0.02
85th Percentile Rainfall Depth (in)	0.9
Percent Impervious	0.62
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	0.9
Peak Intensity (in/hr)	0.1837
Undeveloped Runoff Coefficient (Cu)	0.2541
Developed Runoff Coefficient (Cd)	0.6546
Time of Concentration (min)	49.0
Clear Peak Flow Rate (cfs)	1.9237
Burned Peak Flow Rate (cfs)	1.9237
24-Hr Clear Runoff Volume (ac-ft)	0.7174
24-Hr Clear Runoff Volume (cu-ft)	31248.2689

LEGEND AND ABBREVIATIONS

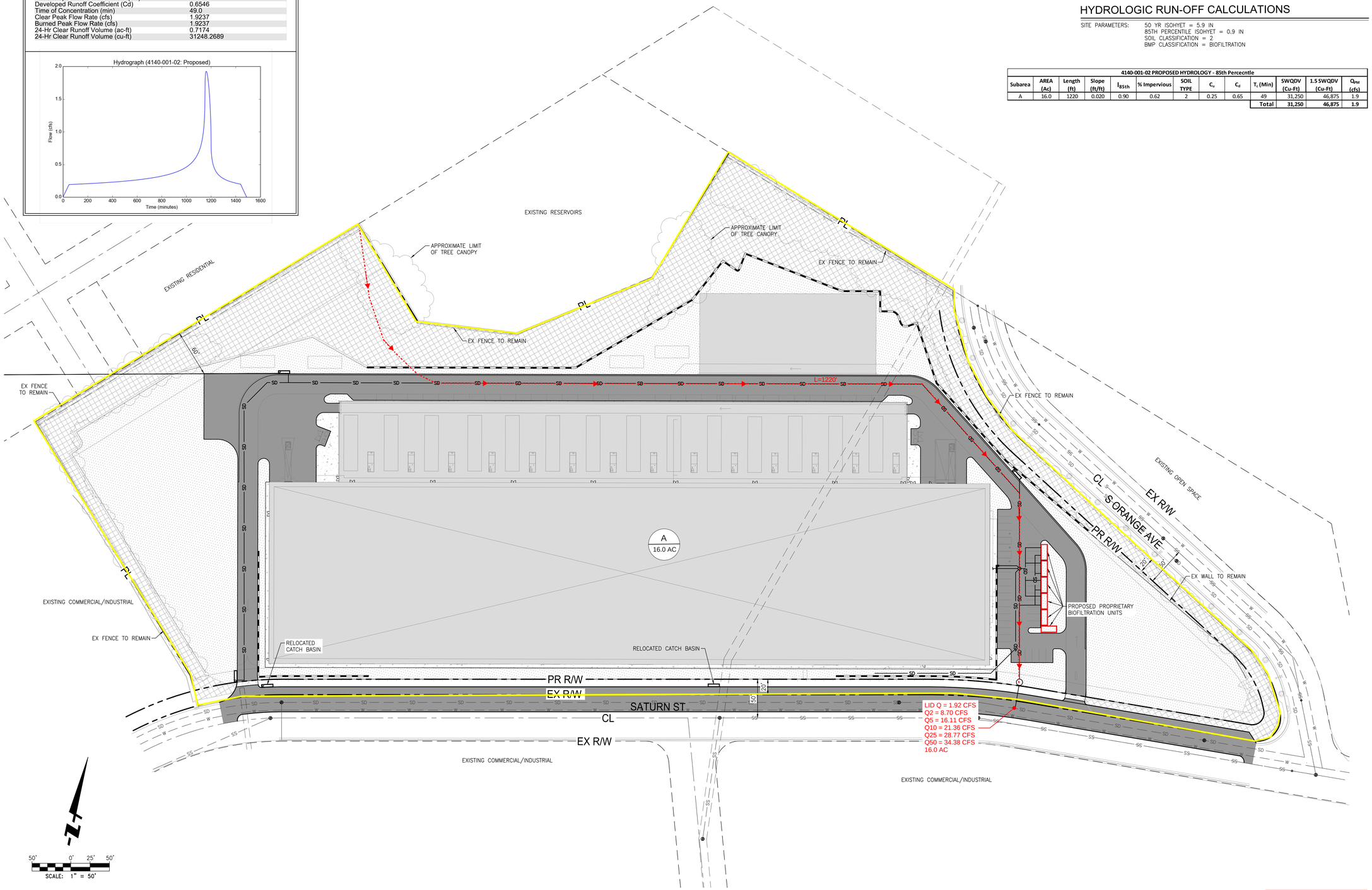
PROPERTY LINE
CENTERLINE
EASEMENT LINE
PROJECT WATERSHED AREA
SUB AREA NUMBER (X)
ACREAGE (X.XX)

HYDROLOGIC RUN-OFF CALCULATIONS

SITE PARAMETERS:
50 YR ISOHYET = 5.9 IN
85TH PERCENTILE ISOHYET = 0.9 IN
SOIL CLASSIFICATION = 2
BMP CLASSIFICATION = BIOFILTRATION

4140-001-02 PROPOSED HYDROLOGY - 85th Percecntle

Subarea	AREA (Ac)	Length (ft)	Slope (ft/ft)	I_{85th}	% Impervious	SOIL TYPE	C_u	C_d	T_c (Min)	SWQDV (Cu-Ft)	1.5 SWQDV (Cu-Ft)	Q_{Dev} (cfs)
A	16.0	1220	0.020	0.90	0.62	2	0.25	0.65	49	31,250	46,875	1.9
									Total	**31,250**	**46,875**	**1.9**



Proposed Condition Hydrology Map

STRATCAP
1977 SATURN STREET
MONTEREY PARK , CA 91755

Gensler
5005 Greenville Avenue
Dallas, TX 75206
United States
Tel 214.273.1500
Fax 214.273.1505

CFLA
LANDSCAPE ARCHITECT
74 Dudley Avenue
Piedmont, CA 94611
Tel 510.601.8022

DFW CONSULTING GROUP
MEP ENGINEER
1616 Corporate Court
Suite 100
Irving, TX 75038
Tel 972.929.1199

FUSCOE ENGINEERING
CIVIL ENGINEER
600 Wilshire Boulevard
Suite 1470
Los Angeles, CA 90017
Tel 213.988.8802

DCI ENGINEERS
STRUCTURAL ENGINEER
818 Stewart Street
Suite 1000
Seattle, WA 98101
Tel 206.332.1900

△ Date	Description

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
STRATCAP 1977 SATURN SITE ANALYSIS

Project Number
4140.001.02

Description
CONCEPTUAL LID PLAN

Scale

C3.0

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F:\PROJECTS\4140\001_SUPPORT FILES\REPORTS\[ER]\WATER RESOURCES TECH REPORT\APPENDICES\A-EXISTING AND PROPOSED HYDROLOGY EXHIBITS\4140-001EXISTLID.DWG (05-29-24 13:06:00PM) Plotted by: Skaull

APPENDIX B

EXISTING AND PROPOSED HYDROLOGY CALCULATIONS

Peak Flow Hydrologic Analysis

File location: F:/Projects/4140/001/_Support Files/Reports/Hydrology/Preliminary Hydrology/Existing Hydrology/2 - 4140-001-02 - Exsiting.pdf
Version: HydroCalc 1.0.2

Input Parameters

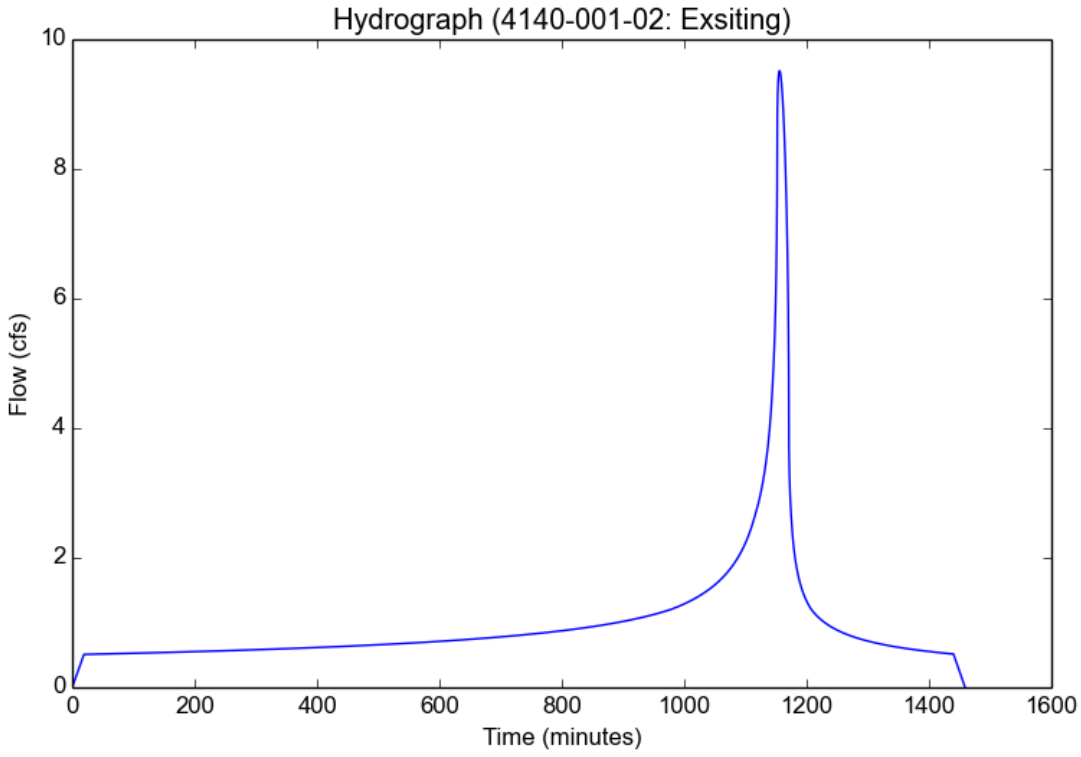
Project Name	4140-001-02
Subarea ID	Exsiting
Area (ac)	16.0
Flow Path Length (ft)	1200.0
Flow Path Slope (vft/hft)	0.04
50-yr Rainfall Depth (in)	5.9
Percent Impervious	0.66
Soil Type	2
Design Storm Frequency	2-yr
Fire Factor	0
LID	False

Output Results

Modeled (2-yr) Rainfall Depth (in)	2.2833
Peak Intensity (in/hr)	0.7274
Undeveloped Runoff Coefficient (Cu)	0.6576
Developed Runoff Coefficient (Cd)	0.8176
Time of Concentration (min)	19.0
Clear Peak Flow Rate (cfs)	9.5151
Burned Peak Flow Rate (cfs)	9.5151
24-Hr Clear Runoff Volume (ac-ft)	1.9995
24-Hr Clear Runoff Volume (cu-ft)	87099.0442

DMA A:
9.52 * (13/16 ac) = 7.74 cfs

DMA B:
9.52 * (3/16 ac) = 1.79 cfs



Peak Flow Hydrologic Analysis

File location: F:/Projects/4140/001/_Support Files/Reports/Hydrology/Preliminary Hydrology/Existing Hydrology/5 - 4140-001-02 - Exsiting.pdf
Version: HydroCalc 1.0.2

Input Parameters

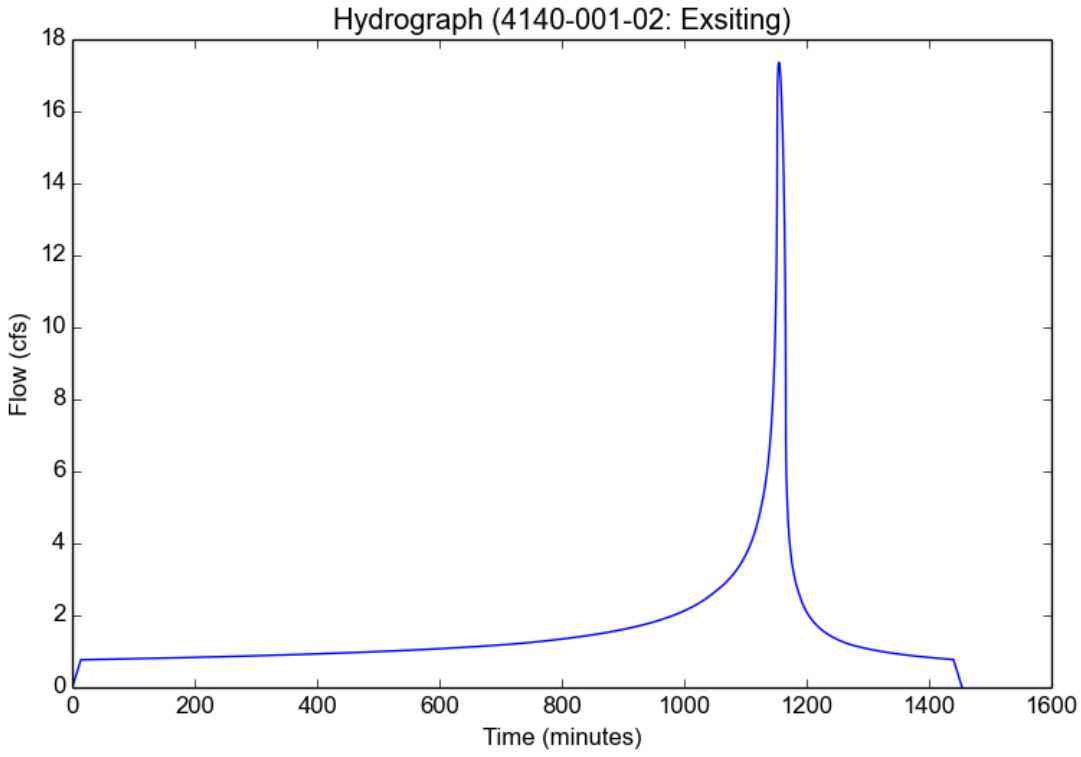
Project Name	4140-001-02
Subarea ID	Exsiting
Area (ac)	16.0
Flow Path Length (ft)	1200.0
Flow Path Slope (vft/hft)	0.04
50-yr Rainfall Depth (in)	5.9
Percent Impervious	0.66
Soil Type	2
Design Storm Frequency	5-yr
Fire Factor	0
LID	False

Output Results

Modeled (5-yr) Rainfall Depth (in)	3.4456
Peak Intensity (in/hr)	1.2671
Undeveloped Runoff Coefficient (Cu)	0.7714
Developed Runoff Coefficient (Cd)	0.8563
Time of Concentration (min)	14.0
Clear Peak Flow Rate (cfs)	17.3597
Burned Peak Flow Rate (cfs)	17.3597
24-Hr Clear Runoff Volume (ac-ft)	3.1163
24-Hr Clear Runoff Volume (cu-ft)	135745.2929

DMA A:
17.75 * (13/16 ac) = 14.11 cfs

DMA B:
17.75 * (3/16 ac) = 3.25 cfs



Peak Flow Hydrologic Analysis

File location: F:/Projects/4140/001/_Support Files/Reports/Hydrology/Preliminary Hydrology/Existing Hydrology/10 - 4140-001-02 - Exsiting.pdf
Version: HydroCalc 1.0.2

Input Parameters

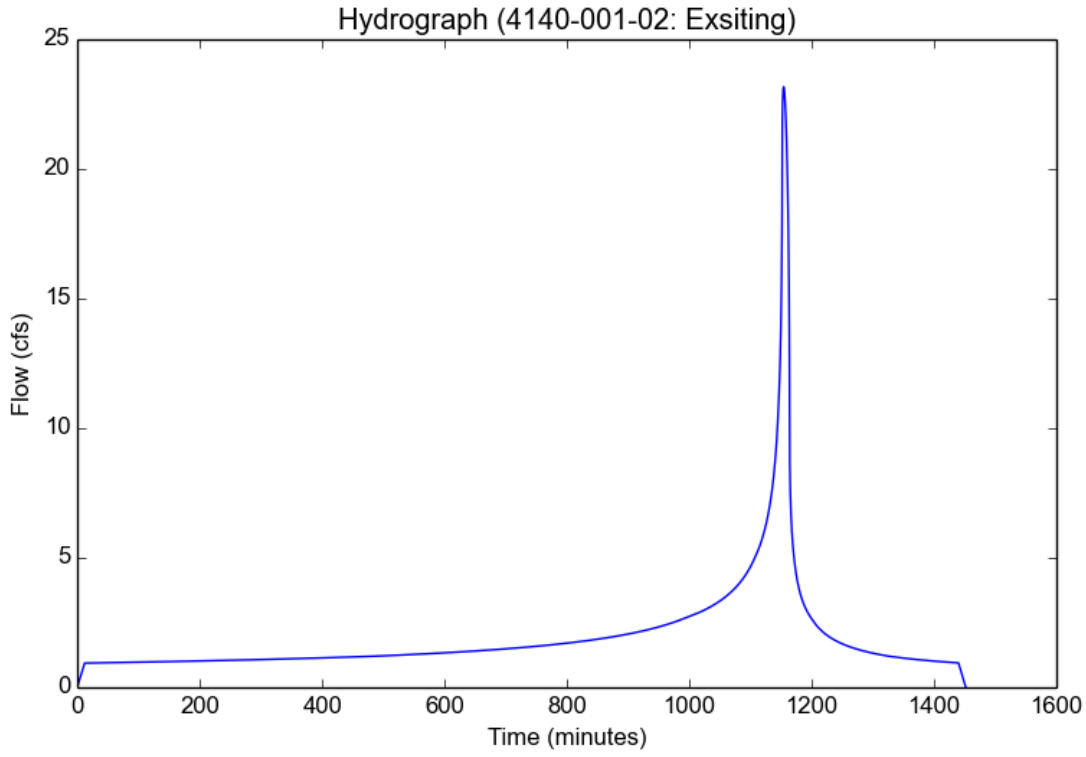
Project Name	4140-001-02
Subarea ID	Exsiting
Area (ac)	16.0
Flow Path Length (ft)	1200.0
Flow Path Slope (vft/hft)	0.04
50-yr Rainfall Depth (in)	5.9
Percent Impervious	0.66
Soil Type	2
Design Storm Frequency	10-yr
Fire Factor	0
LID	False

Output Results

Modeled (10-yr) Rainfall Depth (in)	4.2126
Peak Intensity (in/hr)	1.6655
Undeveloped Runoff Coefficient (Cu)	0.8098
Developed Runoff Coefficient (Cd)	0.8693
Time of Concentration (min)	12.0
Clear Peak Flow Rate (cfs)	23.1663
Burned Peak Flow Rate (cfs)	23.1663
24-Hr Clear Runoff Volume (ac-ft)	3.8909
24-Hr Clear Runoff Volume (cu-ft)	169485.5006

DMA A:
23.17 * (13/16 ac) = 18.83 cfs

DMA B:
23.17 * (3/16 ac) = 4.34 cfs



Peak Flow Hydrologic Analysis

File location: F:/Projects/4140/001/_Support Files/Reports/Hydrology/Preliminary Hydrology/Existing Hydrology/25 - 4140-001-02 - Exsiting.pdf
Version: HydroCalc 1.0.2

Input Parameters

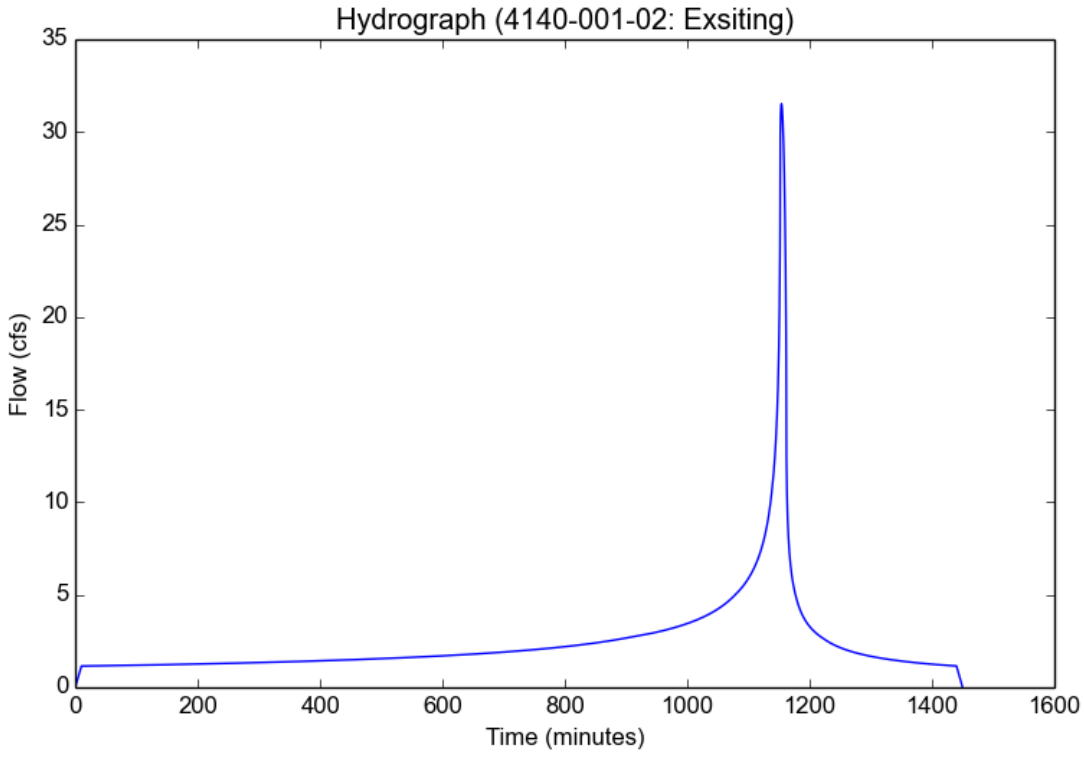
Project Name	4140-001-02
Subarea ID	Exsiting
Area (ac)	16.0
Flow Path Length (ft)	1200.0
Flow Path Slope (vft/hft)	0.04
50-yr Rainfall Depth (in)	5.9
Percent Impervious	0.66
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.1802
Peak Intensity (in/hr)	2.2313
Undeveloped Runoff Coefficient (Cu)	0.8497
Developed Runoff Coefficient (Cd)	0.8829
Time of Concentration (min)	10.0
Clear Peak Flow Rate (cfs)	31.5205
Burned Peak Flow Rate (cfs)	31.5205
24-Hr Clear Runoff Volume (ac-ft)	4.9133
24-Hr Clear Runoff Volume (cu-ft)	214021.26

DMA A:
31.52 * (13/16 ac) = 25.61 cfs

DMA B:
31.52 * (3/16 ac) = 5.91 cfs



Peak Flow Hydrologic Analysis

File location: F:/Projects/4140/001/_Support Files/Reports/Hydrology/Preliminary Hydrology/Existing Hydrology/50 - 4140-001-02 - Exsiting.pdf
Version: HydroCalc 1.0.2

Input Parameters

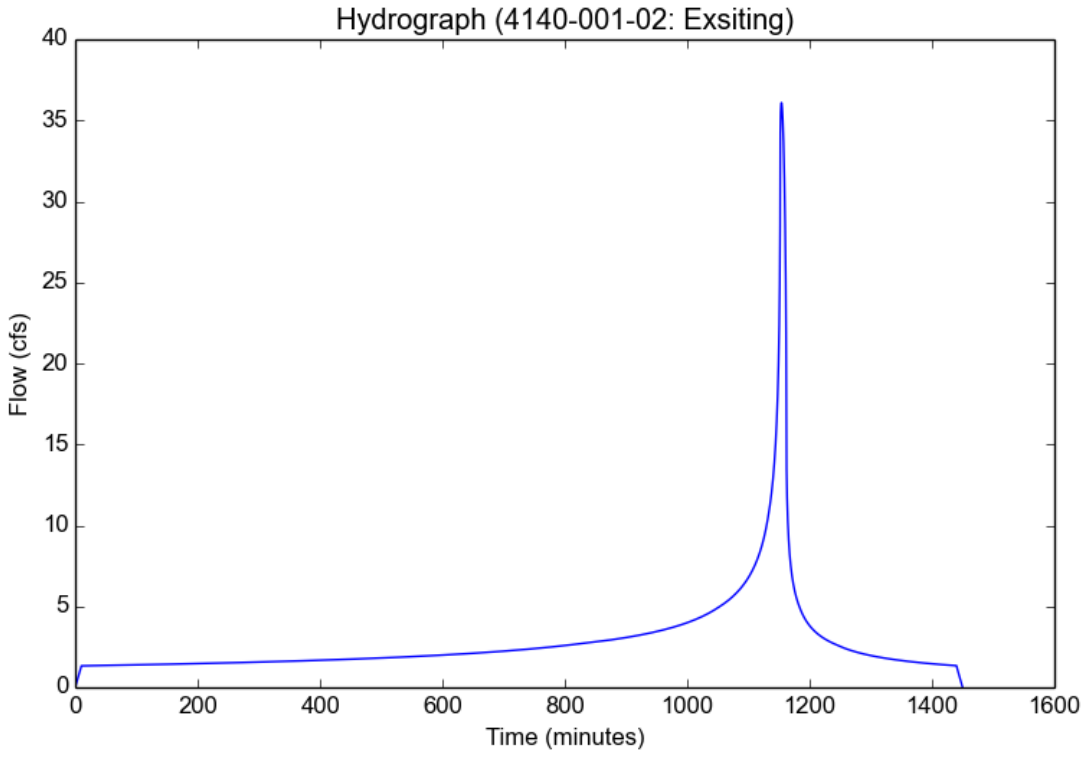
Project Name	4140-001-02
Subarea ID	Exsiting
Area (ac)	16.0
Flow Path Length (ft)	1200.0
Flow Path Slope (vft/hft)	0.04
50-yr Rainfall Depth (in)	5.9
Percent Impervious	0.66
Soil Type	2
Design Storm Frequency	50-yr
Fire Factor	0
LID	False

Output Results

Modeled (50-yr) Rainfall Depth (in)	5.9
Peak Intensity (in/hr)	2.5414
Undeveloped Runoff Coefficient (Cu)	0.8634
Developed Runoff Coefficient (Cd)	0.8876
Time of Concentration (min)	10.0
Clear Peak Flow Rate (cfs)	36.0899
Burned Peak Flow Rate (cfs)	36.0899
24-Hr Clear Runoff Volume (ac-ft)	5.7032
24-Hr Clear Runoff Volume (cu-ft)	248430.913

DMA A:
36.09 * (13/16 ac) = 29.32 cfs

DMA B:
36.09 * (3/16 ac) = 6.77 cfs



Peak Flow Hydrologic Analysis

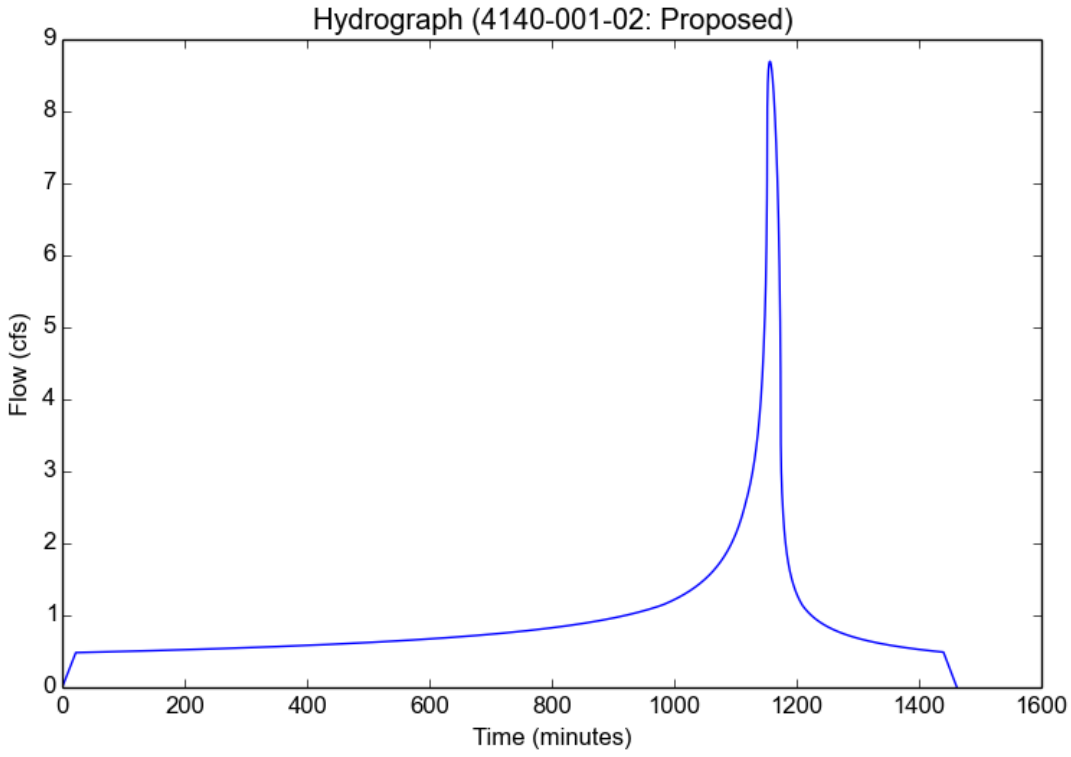
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Version: HydroCalc 1.0.2

Input Parameters

Project Name	4140-001-02
Subarea ID	Proposed
Area (ac)	16.0
Flow Path Length (ft)	1220.0
Flow Path Slope (vft/hft)	0.02
50-yr Rainfall Depth (in)	5.9
Percent Impervious	0.62
Soil Type	2
Design Storm Frequency	2-yr
Fire Factor	0
LID	False

Output Results

Modeled (2-yr) Rainfall Depth (in)	2.2833
Peak Intensity (in/hr)	0.679
Undeveloped Runoff Coefficient (Cu)	0.6378
Developed Runoff Coefficient (Cd)	0.8004
Time of Concentration (min)	22.0
Clear Peak Flow Rate (cfs)	8.6945
Burned Peak Flow Rate (cfs)	8.6945
24-Hr Clear Runoff Volume (ac-ft)	1.9143
24-Hr Clear Runoff Volume (cu-ft)	83385.6286



Peak Flow Hydrologic Analysis

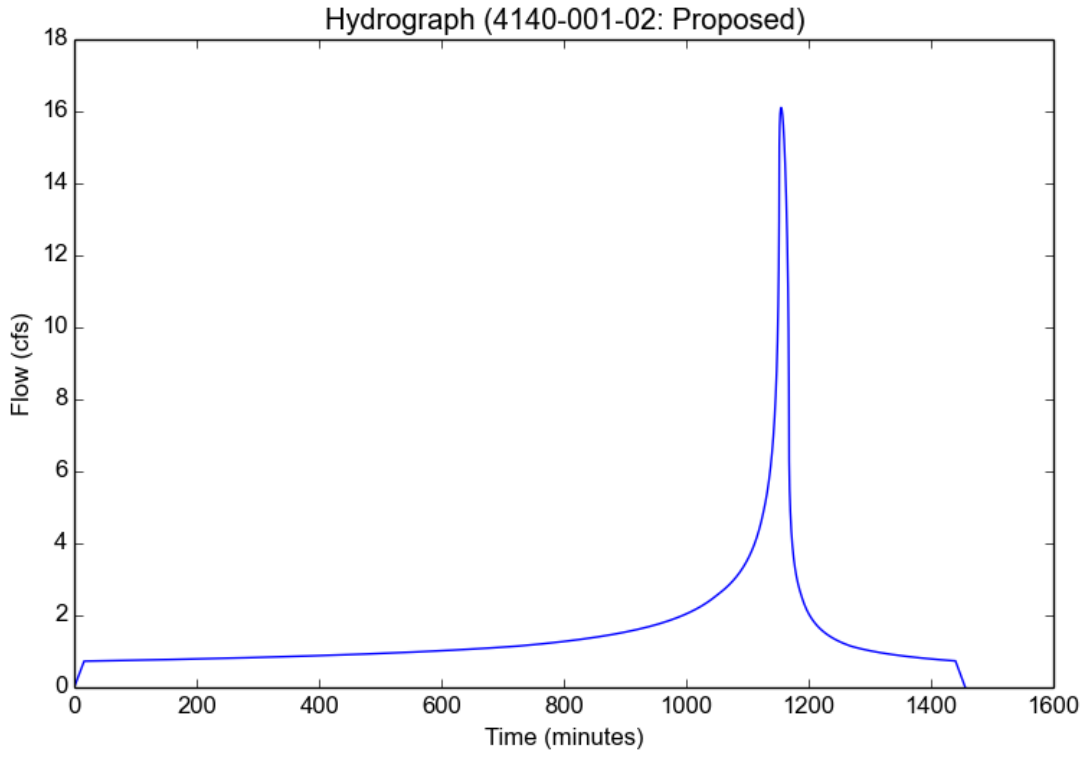
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Version: HydroCalc 1.0.2

Input Parameters

Project Name	4140-001-02
Subarea ID	Proposed
Area (ac)	16.0
Flow Path Length (ft)	1220.0
Flow Path Slope (vft/hft)	0.02
50-yr Rainfall Depth (in)	5.9
Percent Impervious	0.62
Soil Type	2
Design Storm Frequency	5-yr
Fire Factor	0
LID	False

Output Results

Modeled (5-yr) Rainfall Depth (in)	3.4456
Peak Intensity (in/hr)	1.19
Undeveloped Runoff Coefficient (Cu)	0.7575
Developed Runoff Coefficient (Cd)	0.8459
Time of Concentration (min)	16.0
Clear Peak Flow Rate (cfs)	16.1053
Burned Peak Flow Rate (cfs)	16.1053
24-Hr Clear Runoff Volume (ac-ft)	2.9998
24-Hr Clear Runoff Volume (cu-ft)	130673.3691



Peak Flow Hydrologic Analysis

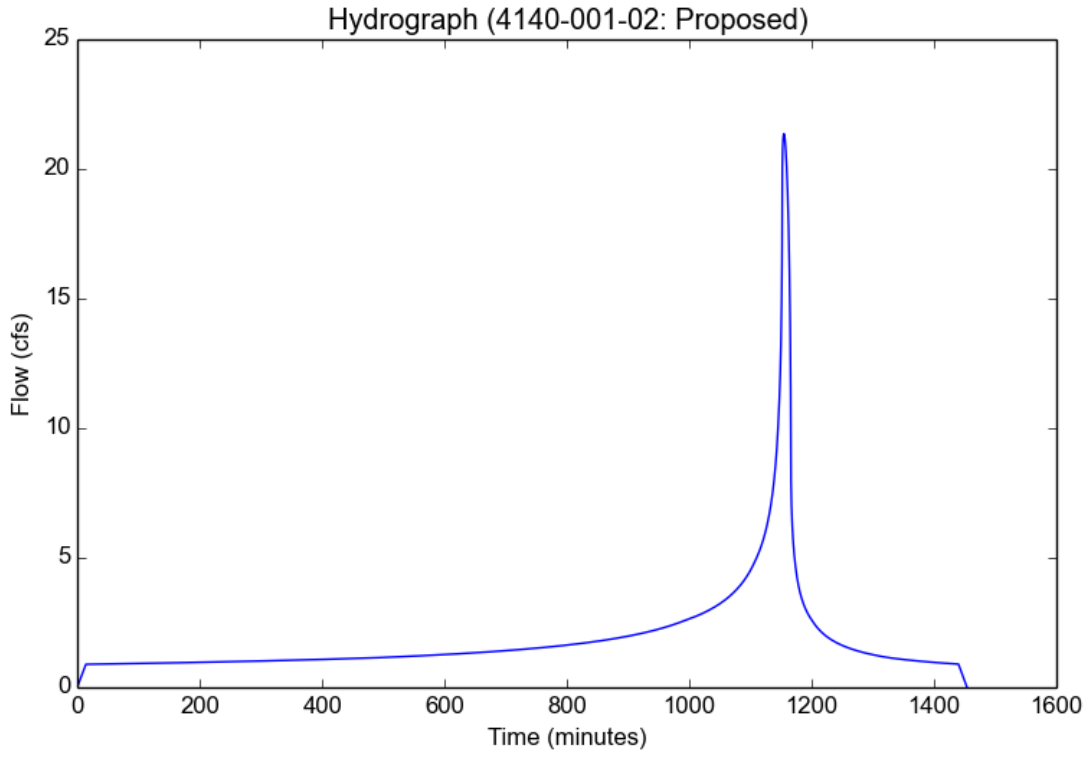
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Version: HydroCalc 1.0.2

Input Parameters

Project Name	4140-001-02
Subarea ID	Proposed
Area (ac)	16.0
Flow Path Length (ft)	1220.0
Flow Path Slope (vft/hft)	0.02
50-yr Rainfall Depth (in)	5.9
Percent Impervious	0.62
Soil Type	2
Design Storm Frequency	10-yr
Fire Factor	0
LID	False

Output Results

Modeled (10-yr) Rainfall Depth (in)	4.2126
Peak Intensity (in/hr)	1.5491
Undeveloped Runoff Coefficient (Cu)	0.7995
Developed Runoff Coefficient (Cd)	0.8618
Time of Concentration (min)	14.0
Clear Peak Flow Rate (cfs)	21.3606
Burned Peak Flow Rate (cfs)	21.3606
24-Hr Clear Runoff Volume (ac-ft)	3.7585
24-Hr Clear Runoff Volume (cu-ft)	163718.6173



Peak Flow Hydrologic Analysis

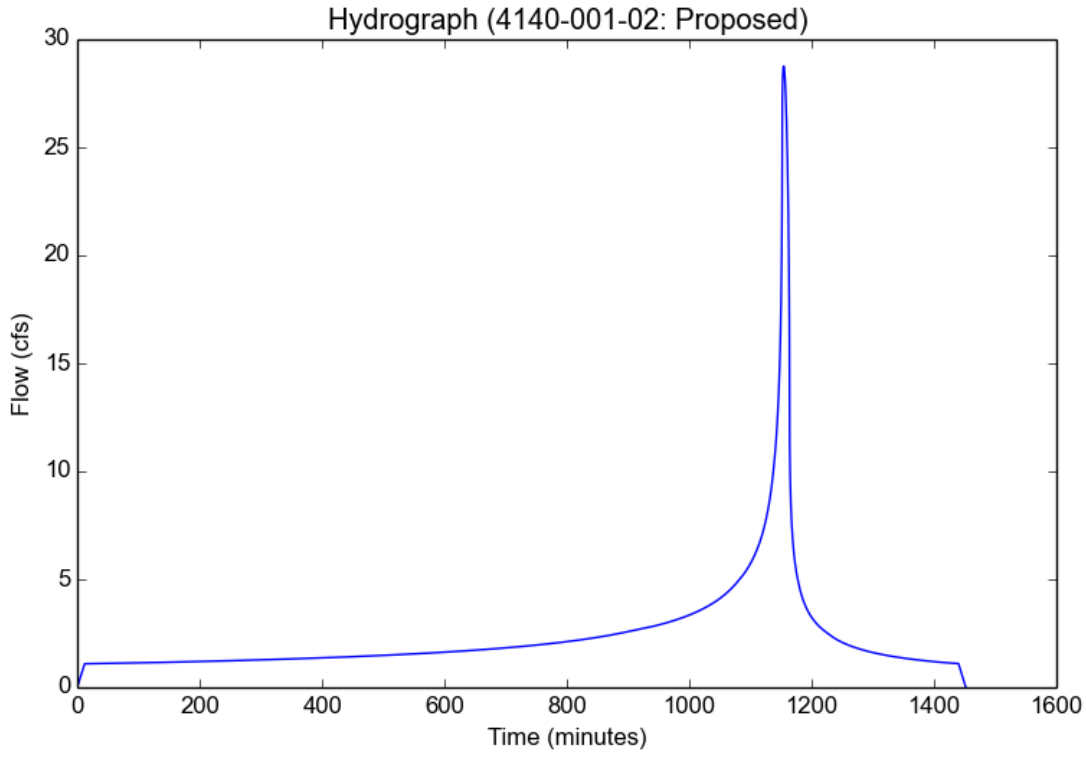
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Version: HydroCalc 1.0.2

Input Parameters

Project Name	4140-001-02
Subarea ID	Proposed
Area (ac)	16.0
Flow Path Length (ft)	1220.0
Flow Path Slope (vft/hft)	0.02
50-yr Rainfall Depth (in)	5.9
Percent Impervious	0.62
Soil Type	2
Design Storm Frequency	25-yr
Fire Factor	0
LID	False

Output Results

Modeled (25-yr) Rainfall Depth (in)	5.1802
Peak Intensity (in/hr)	2.0481
Undeveloped Runoff Coefficient (Cu)	0.8416
Developed Runoff Coefficient (Cd)	0.8778
Time of Concentration (min)	12.0
Clear Peak Flow Rate (cfs)	28.7651
Burned Peak Flow Rate (cfs)	28.7651
24-Hr Clear Runoff Volume (ac-ft)	4.7657
24-Hr Clear Runoff Volume (cu-ft)	207594.8081



Peak Flow Hydrologic Analysis

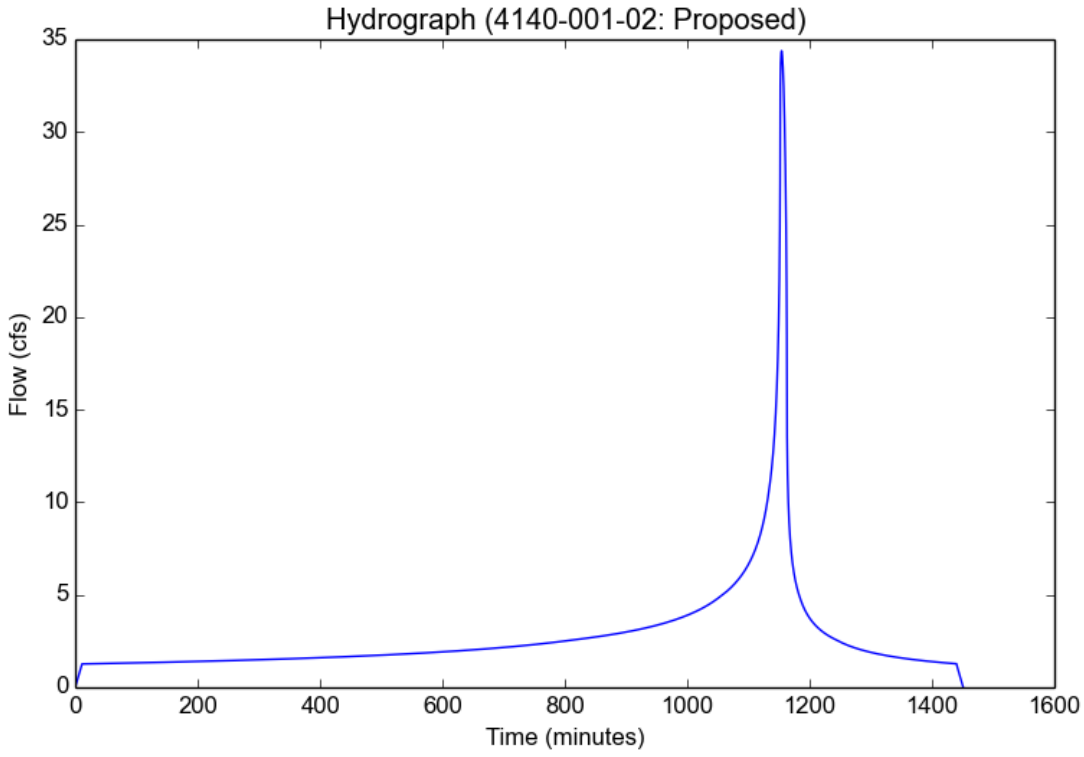
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Version: HydroCalc 1.0.2

Input Parameters

Project Name	4140-001-02
Subarea ID	Proposed
Area (ac)	16.0
Flow Path Length (ft)	1220.0
Flow Path Slope (vft/hft)	0.02
50-yr Rainfall Depth (in)	5.9
Percent Impervious	0.62
Soil Type	2
Design Storm Frequency	50-yr
Fire Factor	0
LID	False

Output Results

Modeled (50-yr) Rainfall Depth (in)	5.9
Peak Intensity (in/hr)	2.4301
Undeveloped Runoff Coefficient (Cu)	0.8585
Developed Runoff Coefficient (Cd)	0.8842
Time of Concentration (min)	11.0
Clear Peak Flow Rate (cfs)	34.3792
Burned Peak Flow Rate (cfs)	34.3792
24-Hr Clear Runoff Volume (ac-ft)	5.5479
24-Hr Clear Runoff Volume (cu-ft)	241666.9628



APPENDIX C

WATER QUALITY CALCULATIONS

Peak Flow Hydrologic Analysis

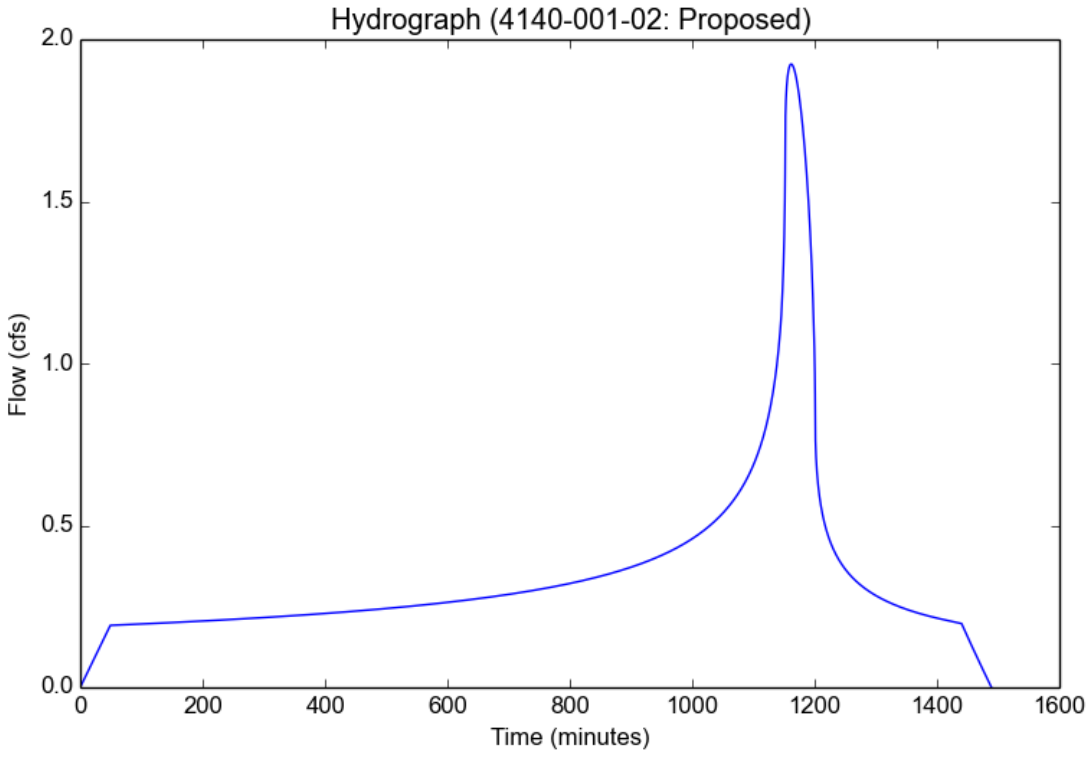
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Version: HydroCalc 1.0.2

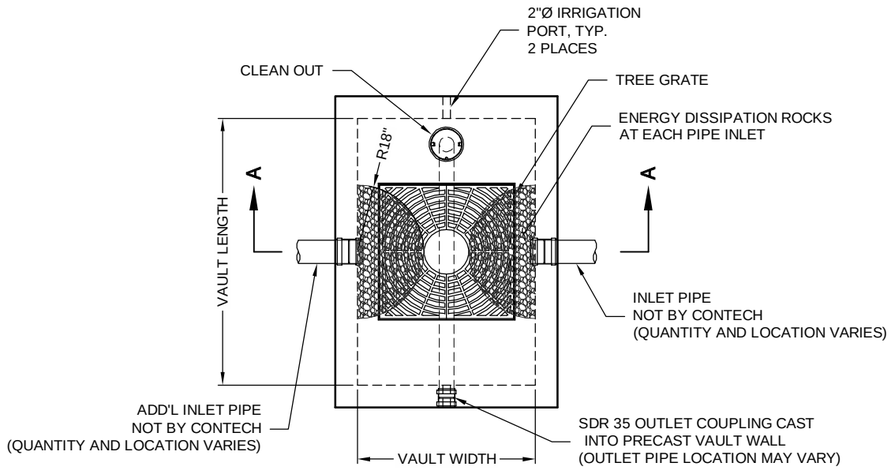
Input Parameters

Project Name	4140-001-02
Subarea ID	Proposed
Area (ac)	16.0
Flow Path Length (ft)	1220.0
Flow Path Slope (vft/hft)	0.02
85th Percentile Rainfall Depth (in)	0.9
Percent Impervious	0.62
Soil Type	2
Design Storm Frequency	85th percentile storm
Fire Factor	0
LID	True

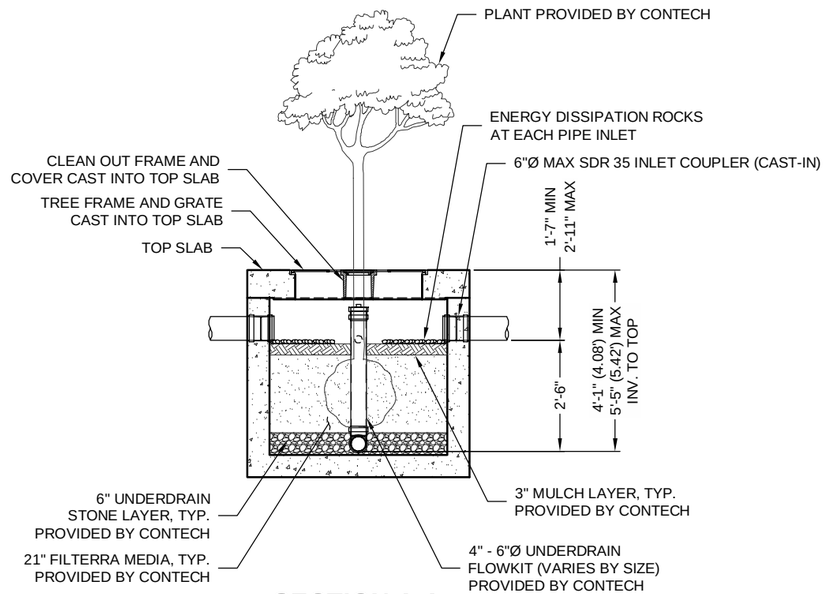
Output Results

Modeled (85th percentile storm) Rainfall Depth (in)	0.9
Peak Intensity (in/hr)	0.1837
Undeveloped Runoff Coefficient (Cu)	0.2541
Developed Runoff Coefficient (Cd)	0.6546
Time of Concentration (min)	49.0
Clear Peak Flow Rate (cfs)	1.9237
Burned Peak Flow Rate (cfs)	1.9237
24-Hr Clear Runoff Volume (ac-ft)	0.7174
24-Hr Clear Runoff Volume (cu-ft)	31248.2689





PLAN VIEW



SECTION A-A

INTERNAL PIPE CONFIGURATION MAY VARY
DEPENDING UPON OUTLET LOCATION.

FT-P STANDARD OFFLINE CONFIGURATION

DESIGNATION	AVAILABILITY	MEDIA BAY SIZE	VAULT SIZE (L x W)	OUTLET PIPE	TREE GRATE QTY & SIZE	MIN NO. OF INLET PIPES
FT0404-P	ALL	4 x 4	4 x 4	4" SDR 35	(1) 3' x 3'	1
FT0604-P	ALL	6 x 4	6 x 4	4" SDR 35	(1) 3' x 3'	1
FT0606-P	ALL	6 x 6	6 x 6	4" SDR 35	(1) 3' x 3'	1
FT078045-P	DE, MD, NJ, PA, VA, WV ONLY	7.83 x 4.5	7.83 x 4.5	4" SDR 35	(1) 3' x 3'	1
FT0804-P	N/A DE, MD, NJ, PA, VA, WV	8 x 4	8 x 4	4" SDR 35	(1) 3' x 3'	1
FT0806-P	ALL	8 x 6	8 x 6	4" SDR 35	(1) 4' x 4'	1
FT1006-P	ALL	10 x 6	10 x 6	6" SDR 35	(1) 4' x 4'	2
FT1206-P	ALL	12 x 6	12 x 6	6" SDR 35	(2) 4' x 4'	2
FT1307-P	ALL	13 x 7	13 x 7	6" SDR 35	(2) 4' x 4'	2
FT1408-P	CALL CONTECH	14 x 8	14 x 8	6" SDR 35	(2) 4' x 4'	3
FT1509-P	CALL CONTECH	15 x 9	15 x 9	6" SDR 35	(2) 4' x 4'	3
FT1608-P	CALL CONTECH	16 x 8	16 x 8	6" SDR 35	(2) 4' x 4'	3
FT1808-P	CALL CONTECH	18 x 8	18 x 8	6" SDR 35	(2) 4' x 4'	3
FT2008-P	CALL CONTECH	20 x 8	20 x 8	6" SDR 35	(3) 4' x 4'	4
FT2208-P	CALL CONTECH	22 x 8	22 x 8	6" SDR 35	(3) 4' x 4'	4

N/A = NOT AVAILABLE

filterra

THIS PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 6,277,274; 6,569,321; 7,625,485; 7,425,261; 7,833,412; RELATED FOREIGN PATENTS.

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800-338-1122 513-645-7000 513-645-7993 FAX

FILTERRA OFFLINE - PIPE (FT-P) CONFIGURATION DETAIL

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APPENDIX D

FEMA MAP

National Flood Hazard Layer FIRMette

FEMA

118°7'8"W 34°2'40"N



118°6'30"W 34°2'10"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/11/2023 at 12:45 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Appendix J

Noise and Vibration Analysis Memorandum

Kimley»Horn

TECHNICAL MEMORANDUM

To:	Bryan Marsh, CEO, SDCF Monterey Park, LLC
From:	Noemi Wyss AICP, Kimley-Horn and Associates, Inc. Tanay Pradhan, Kimley-Horn and Associates, Inc.
Date:	September 3, 2024
Subject:	1977 Saturn Data Center Project – Noise and Vibration Analysis

1.0 Purpose

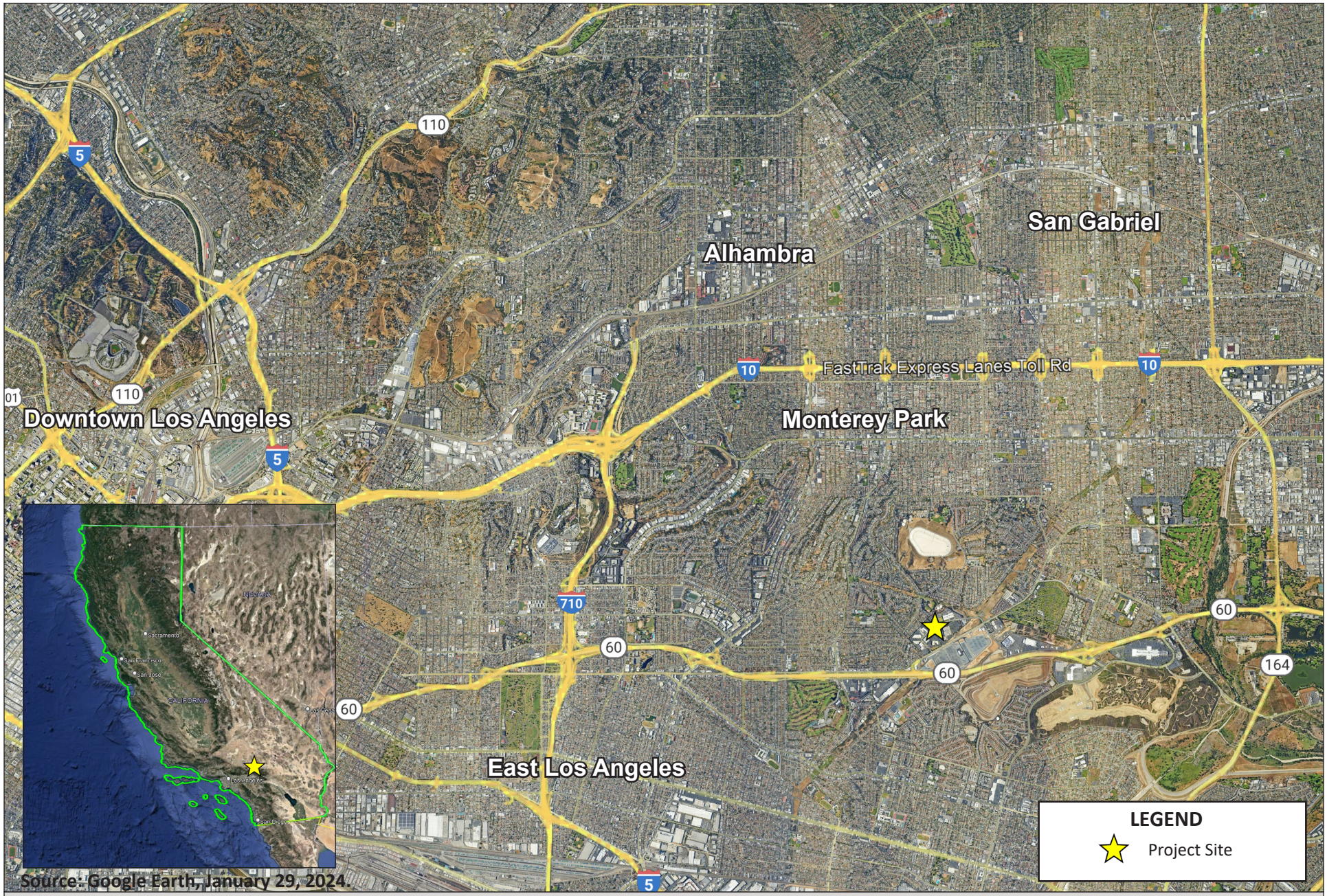
The purpose of this memorandum is to assess potential impacts due to noise and vibration associated with construction and operation of the 1977 Saturn Data Center Project (Project), proposed to be located in the City of Monterey Park (City), California.

2.0 Project Location and Description

The Project would be located on an approximately 15.8-acre site (Project Site) at 1977 Saturn Street; see **Figure 1: Regional Vicinity Map**. The Project Site is bound by residences, a park, a commercial nursery, and water towers to the north, open space to the east, office uses to the south, and office uses and single-family residences to the west; see **Figure 2: Local Vicinity Map**. The Project Site is currently improved with a two-story commercial office building that is currently vacant, and an ancillary one-story building.

The Project would demolish and remove the existing improvements and construct a state of the art data center including approximately 218,400 square feet that would include approximately 109,970 square feet of data hall space and approximately 91,889 square feet of support space, which would consist of offices and meeting rooms, employee amenities (such as restrooms, break room, etc.), truck loading and unloading areas, storage areas, mechanical/electrical/fiber entry rooms, and other ancillary uses. See **Figure 3: Conceptual Site Plan.**

A total of sixty-eight (68) parking spaces would be provided adjacent to the eastern side of the proposed data center buildings, including three handicapped accessible spaces and three spaces for electrical vehicles (EV). The Project would also include two loading dock areas to accommodate deliveries and loading activities for the proposed data center. Vehicular access to the Project Site would be provided via two new gated driveways located along Saturn Street: one along the western perimeter of the Project Site and the other along the eastern perimeter of the Project Site.



Source: Google Earth, January 29, 2024.

FIGURE 1: REGIONAL VICINITY MAP

1977 Saturn Data Center Project

NOT TO SCALE

Kimley»Horn

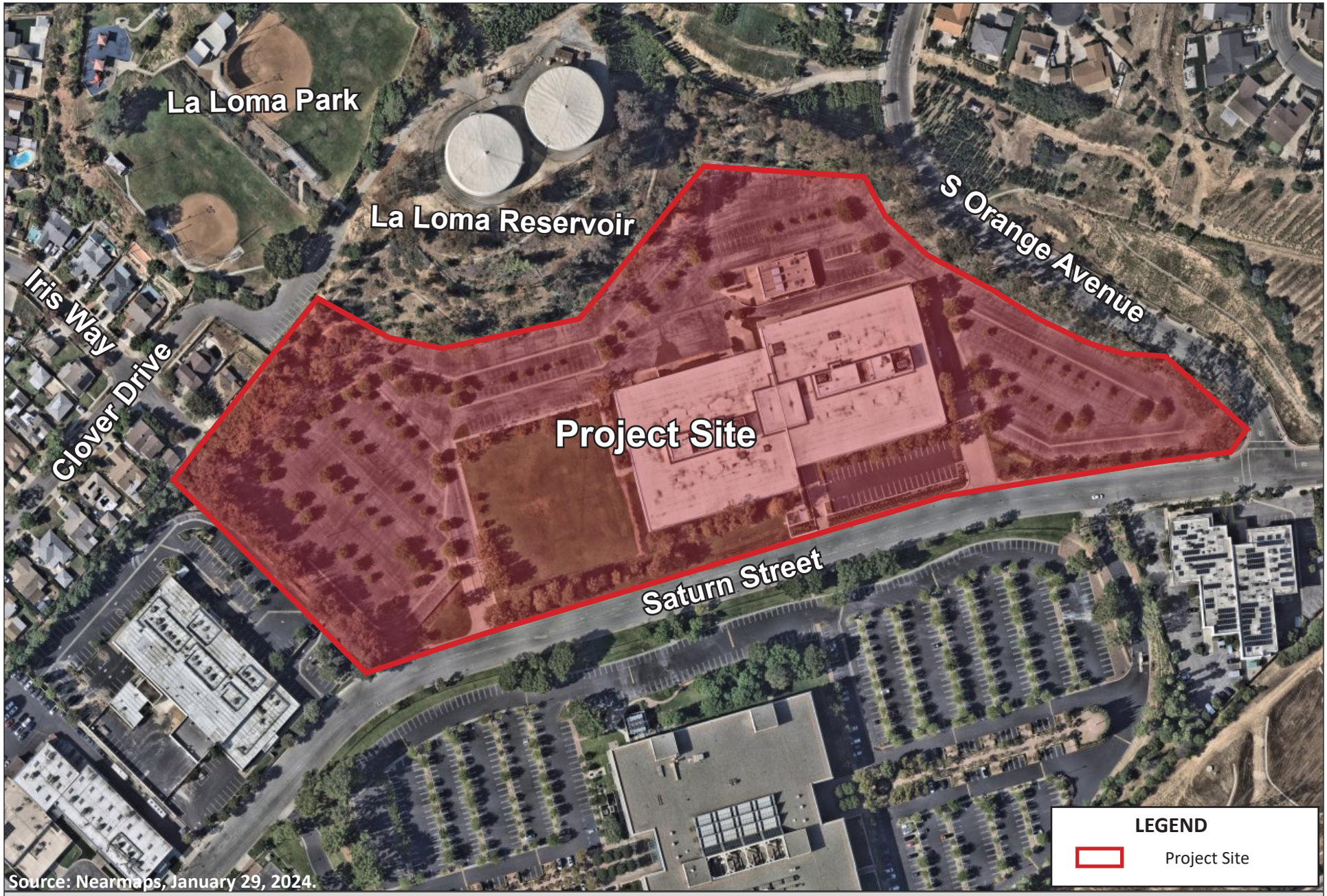
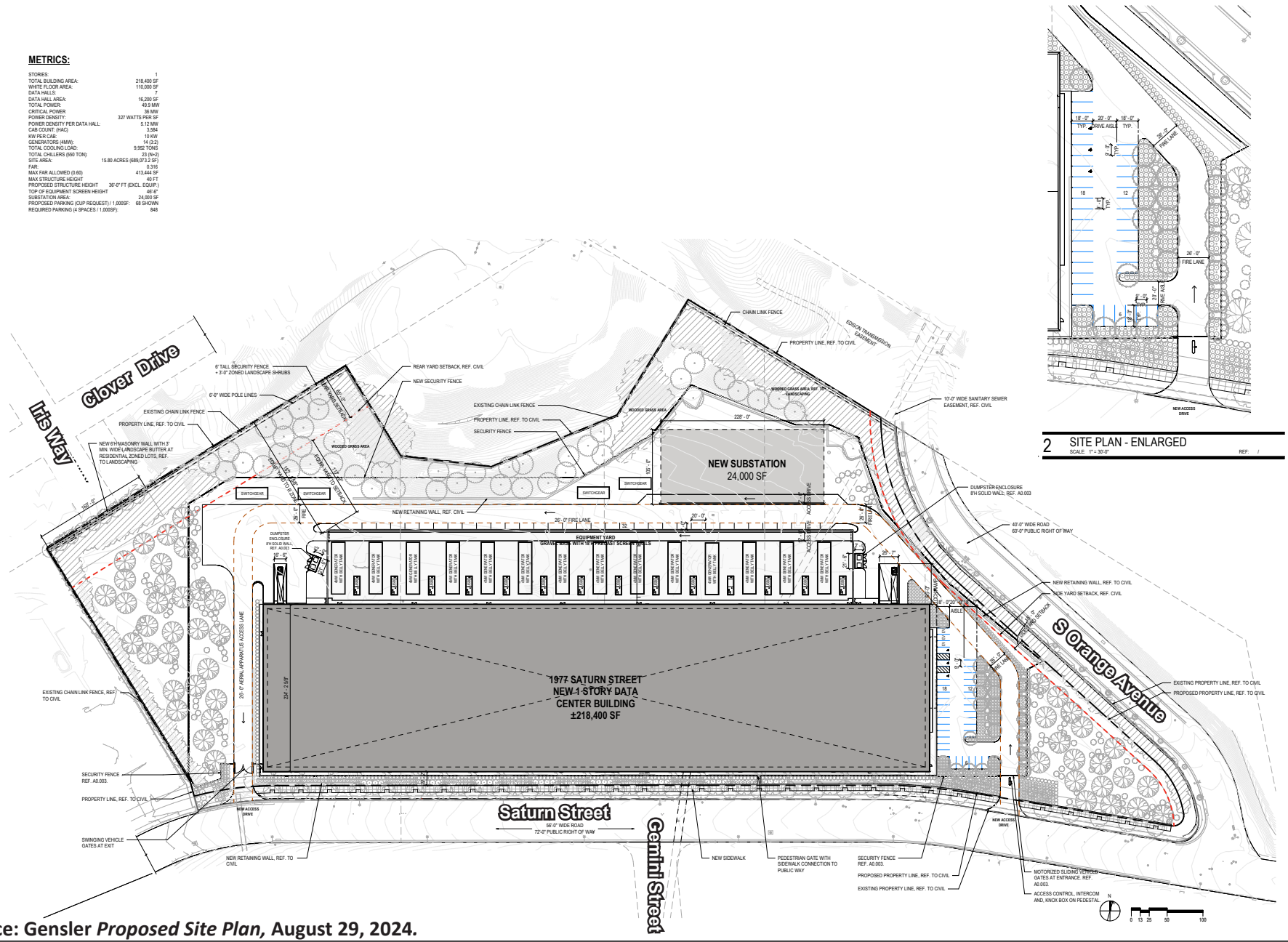


FIGURE 2: LOCAL VICINITY MAP
1977 Saturn Data Center Project

NOT TO SCALE

Kimley»Horn



Source: Gensler *Proposed Site Plan,* August 29, 2024.

FIGURE 3: CONCEPTUAL SITE PLAN

1977 Saturn Data Center Project
Initial Study/Mitigated Negative Declaration

NOT TO SCALE

Kimley»Horn

Project construction is anticipated to occur as two phases, lasting approximately two years, beginning as early as September 2025 and ending as early as August 2027. For purposes of this environmental analysis, opening year is assumed to be 2027. Grading for the proposed improvements would require cut and fill to create building pads. Project construction is estimated to require the export of approximately 65,000 cubic yards (cy) of soil material.

3.0 Noise Background

Sound is technically described in terms of amplitude (loudness) and frequency (pitch). The standard unit of sound amplitude measurement is the decibel (dB). The decibel scale is a logarithmic scale that describes the physical intensity of the pressure vibrations that make up any sound. The pitch of the sound is related to the frequency of the pressure vibration. Since the human ear is not equally sensitive to a given sound level at all frequencies, a special frequency-dependent rating scale has been devised to relate noise to human sensitivity. The A-weighted decibel scale (dBA) provides this compensation by discriminating against frequencies in a manner approximating the sensitivity of the human ear. Noise, on the other hand, is typically defined as unwanted sound. A typical noise environment consists of a base of steady ambient noise that is the sum of various distant and indistinguishable noise sources. Superimposed on this background noise is the sound from individual local sources. These can vary from an occasional aircraft or train passing by to virtually continuous noise from traffic on a major highway.

Several rating scales have been developed to analyze the adverse effect of community noise on people. Since environmental noise fluctuates over time, these scales consider that the effect of noise on people is largely dependent on the total acoustical energy content of the noise as well as the time of day when the noise occurs. For example, the equivalent continuous sound level (L_{eq}) is the total acoustic energy content of noise for a stated period of time; thus, the L_{eq} of a time-varying noise and that of a steady noise are the same if they deliver the same acoustic energy to the ear during exposure. The Day-Night Sound Level (L_{dn}) is a 24-hour average L_{eq} with a 10 dBA "weighting" added to noise during the hours of 10:00 P.M. to 7:00 A.M. to account for noise sensitivity in the nighttime. The Community Noise Equivalent Level (CNEL) is a 24-hour average L_{eq} with a 10 dBA weighting added to noise during the hours of 10:00 P.M. to 7:00 A.M. and an additional 5 dBA weighting during the hours of 7:00 P.M. to 10:00 P.M. to account for noise sensitivity in the evening and nighttime.

4.0 Regulatory Setting

Federal Noise and Vibration Standards

There are no federal noise standards that directly regulate environmental noise related to the construction or operation of the Project. Under the Occupational Safety and Health Act of 1970 (29 United States Code [U.S.C.] Section 1919 et seq.), the Occupational Safety and Health Administration

(OSHA) has adopted regulations designed to protect workers against the effects of occupational noise exposure. These regulations list permissible noise level exposure as a function of the amount of time during which the worker is exposed. The regulations further specify a hearing conservation program that involves monitoring the noise to which workers are exposed, ensuring that workers are made aware of overexposure to noise, and periodically testing the workers' hearing to detect any degradation.

State of California Noise Standards

The State of California does not have standards for environmental noise, but the Governor's Office of Planning and Research (OPR) has established general plan guidelines for evaluating the compatibility of various land uses as a function of community noise exposure.[1] The purpose of these guidelines is to maintain acceptable noise levels in a community setting for different land use types. Noise compatibility by different land use types is categorized into four general levels: "normally acceptable," "conditionally acceptable," "normally unacceptable," and "clearly unacceptable."

For instance, a noise environment ranging from 50 dBA CNEL to 60 dBA CNEL is considered to be "normally acceptable" for single-family residential uses, while a noise environment of 75 dBA CNEL or above for single-family residential uses is considered to be "clearly unacceptable. In addition, California Government Code Section 65302(f) requires each county and city in the State to prepare and adopt a comprehensive long-range general plan for its physical development, with California Government Code Section 65302(f) requiring a noise element to be included in the general plan. The noise element must: (1) identify and appraise noise problems in the community; (2) recognize Office of Noise Control guidelines; and (3) analyze and quantify current and projected noise levels.

Groundborne Vibration

The California Department of Transportation' (Caltrans') *Transportation and Construction Vibration Manual* provides thresholds of vibration for building damage and human annoyance. Based on the Caltrans criteria, construction vibration impacts would be significant if vibration levels exceed 0.5 inches per second (in/sec) peak particle velocity (PPV) at older residential structures, which is the limit for potential building damage at these structures.[2] For human annoyance, construction vibration impacts would be significant if vibration levels exceed 0.25 in/sec PPV at the nearest structure.[3]

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[1] State of California Governor's Office of Planning and Research, *General Plan Guidelines, Appendix D: Noise Element Guidelines*, 2017.

[2] Caltrans, *Transportation and Construction Vibration Guidance Manual*, 2020.

[3] Ibid.

City of Monterey Park General Plan

The City of Monterey Park Noise Standards are developed from those of several federal and State agencies including the Federal Highway Administration (FHWA), the United States Environmental Protection Agency (U.S. EPA), the Department of Housing and Urban Development (HUD), the American National Standards Institute (ANSI), and the State of California Department of Health Services. These standards set limits on the noise exposure level for various land uses. As with the California Noise Standards described above, these General Plan standards are related to the siting of land uses and are not typically used as thresholds of significance for determining noise impacts associated with construction and operation of the Project. However, the standards do provide a means for judging whether an existing noise environment would be compatible with development of a new noise-sensitive land use or whether a new use would create an incompatible noise environment for existing noise-sensitive uses. The General Plan does not have a Noise Element; however, the Safety Element provides specific objectives to ensure that City residents will be protected from excessive noise. The other elements of the 2022 General Plan do not have policies related to noise or vibration. The following policies from the Safety Element are applicable to the Project:

Safety Element

Goal 12: Minimize the impact of point-source noises and ambient noise levels throughout the community.

Policy 12.1: Continue to enforce the noise regulations within the Monterey Park Municipal Code (MPMC) to control point-source noise.

Policy 12.2: Incorporate noise impact considerations into the development review process**,** particularly the relationship of parking and ingress/egress, loading, and refuse collection areas to surrounding residential and other noise-sensitive land uses.

Policy 12.4: Enforce and revise as necessary City regulations regulating hours for construction activity.

City of Monterey Park Municipal Code

MPMC Title 21, Chapter 14.150 requires that mechanical equipment located on the roof and outside of the exterior walls of the any building zoned in an office-professional zone shall be installed with permanent sound-proofing measures and shall comply with the noise standards set forth in Chapter

4.50 Regulation of Noise and Other Disturbances.[4] MPMC Chapter 4.50 has established noise standards for residential, commercial, and industrial uses. Section 4.50.080 states that ambient noise levels must not exceed the measured median ambient noise levels or the following presumed ambient noise levels identified in Table 1: Established Sound Level Limits below, whichever is greater:

Table 1: Established Sound Level Limits

Land Use	Time Period	Level
Residential	Nighttime	50 dBA
	Daytime	55 dBA
Neighborhood Commercial	Anytime	60 dBA
Other Commercial	Anytime	65 dBA
Industrial	Anytime	70 dBA

Source: City of Monterey Park Municipal Code Chapter 4.50 Regulation of Noise and other Disturbances.

MPMC Title 4, Chapter 4.50, Regulation of Noise and Other Disturbances provides specific noise restrictions and exceptions for noise sources within the City. MPMC Section 4.50.100 states that construction activities between 7:00 A.M. and 7:00 P.M. Monday through Friday, and between 9:00 A.M. and 6:00 P.M. on Saturdays, Sundays, and Holidays are not subject to the noise level limits established in the MPMC.

5.0 Existing Environmental Setting

Mobile noise sources, especially cars, trucks, motorcycles, and aircraft, are the City's most common and substantial noise sources. The existing mobile noise sources in the Project area are the motor vehicles traveling on Saturn Street, South Orange Avenue, and Potrero Grande Drive. The primary stationary noise sources in the Project vicinity are those associated with the surrounding industrial, commercial, and residential uses. Such stationary noise sources include mechanical equipment (e.g., heating, ventilation, and air conditioning [HVAC] equipment and substation equipment), parking lot noise, moving vehicles, music playing, dogs barking, and people talking. The noise associated with these sources may represent a single-event noise occurrence or short-term noise.

Noise Measurements

The Project Site is currently improved with an existing two-story commercial office building and associated surface parking lot. To quantify existing ambient noise levels in the Project area, Veneklasen Associates conducted three short-term noise measurements and two long-term measurements on January 31, 2024 (see Attachment B). The noise measurement sites were representative of typical existing noise exposure within and immediately adjacent to the Project

[4] MPMC Title 21, Chapter 14.150 requires equipment to comply with standards set in MPMC Chapter 9.53. However, MPMC Chapter 9.53 was repealed, and Chapter 4.50 was added to regulate noise in the City during the Monterey Park City Council Meeting held on March 3, 2021.

Site. The measurements are summarized in Table 2: Existing Noise Measurements, below. The sources of noise measured at each location are shown on Exhibit 1: Noise Measurement Locations.

Table 2: Existing Noise Measurements

Site	Location	Average Level (dBA)	Daytime Level (dBA)	Nighttime Level (dBA)
ST-1	Southwest corner of the existing building on-site	64	-	-
ST-2	Northwest corner of the existing Project Site	64	-	-
ST-3	Southeast corner of the Project Site	65	-	-
LT-1	West edge of the Project Site by the residences along Iris Way	55	56	54
LT-2	Northeast corner of the Project Site by Orange Avenue	60	61	56

Source: Noise measurements taken by Veneklasen Associates, January 31, 2024.

Receptor Locations

Noise exposure standards and guidelines for various types of land uses reflect varying noise sensitivities associated with uses. As stated in the General Plan Safety Element, land uses considered sensitive receptors include residences, hospitals, schools, childcare facilities, and places of assembly.[5] As shown in Table 3: Sensitive Receptor Locations, sensitive land uses surrounding the Project consist of mostly residential communities to the north, east, west of the Project Site. To quantify noise exposure levels near the Project Site, the long-term noise measurement locations (see **Figure 4: Noise Measurement Locations**) were chosen for noise measurements surrounding the Project Site closest to sensitive receptors including:

Table 3: Sensitive Receptor Locations

Sensitive Receptor	Distance and Direction[1]
Single-Family Residences	65 feet west
Single-Family Residences	165 feet northeast

1. Distances are from edge of the Project Site to the sensitive receptor property line.
Source: Nearmap 2024.

[5] City of Monterey Park, *General Plan: Safety Element*, 2022.



FIGURE 4: NOISE MEASUREMENT LOCATIONS MAP

1977 Saturn Data Center Project

NOT TO SCALE

Kimley»Horn

6.0 Impact Analysis

Threshold (a) Would the project generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Construction Noise

Construction noise typically occurs intermittently and varies depending on the nature or phase of construction. Noise generated by construction equipment can reach high levels. During construction, exterior noise levels could affect the noise-sensitive receptors near the construction site. Construction activities would include demolition, site preparation, grading, building construction, paving, and architectural coating. Such activities may require excavators, dozers, and concrete saws during demolition; tractors and dozers during site preparation; cranes, forklifts, generator sets, tractors, and welders during building construction; pavers, paving equipment, and rollers during paving; and forklifts, generator sets, welders, and air compressors during interior building construction. Typical operating cycles for these types of construction equipment may involve 1 or 2 minutes of full power operation followed by 3 to 4 minutes at lower power settings. Other primary sources of acoustical disturbance would be random incidents, which would last less than one minute (such as dropping large pieces of equipment or the hydraulic movement of machinery lifts). Noise generated by construction equipment, including dozers, excavators, loaders, forklifts, and air compressors, can reach high levels. L_{max} is the maximum level of a noise source environment and is often used as a threshold value for typical noise levels of construction activities. Typical noise levels associated with individual construction equipment are listed in Table 4: Typical Construction Noise Levels.

Table 4: Typical Construction Noise Levels

Equipment	Typical Noise Level (dBA L_{max}) at 50 feet from Source
Air Compressor	80
Backhoe	80
Compactor	82
Concrete Mixer	85
Concrete Pump	82
Concrete Vibrator	76
Crane, Mobile	83
Dozer	85
Generator	82
Grader	85

Table 4: Typical Construction Noise Levels	
Equipment	**Typical Noise Level (dBA L_{max}) at 50 feet from Source**
Jack Hammer	88
Loader	80
Paver	85
Pneumatic Tool	85
Pump	77
Roller	85
Saw	76
Shovel	82
Truck	84
1. Calculated using the inverse square law formula for sound attenuation: $dBA_2 = dBA_1+20Log(d_1/d_2)$ 2. Where: dBA_2 = estimated noise level at receptor; dBA_1 = reference noise level; d_1 = reference distance; d_2 = receptor location distance.	
Source: Federal Transit Administration, *Transit Noise and Vibration Impact Assessment Manual*, September 2018.	

Daytime construction noise is not typically a concern for human health and is a common occurrence within the urban environment. Construction activity between the hours of 7:00 A.M. and 7:00 P.M. Monday through Friday, and between 9:00 A.M. and 6:00 P.M. on Saturdays, Sundays, and Holidays are exempt from the MPMC noise standards. Although construction is not expected to occur outside of these times, a construction noise impact analysis, estimating the potential temporary increase in ambient noise, is performed in accordance with the Federal Transit Administration (FTA) thresholds.

The Project's existing surroundings include both residential and commercial uses. Following the FTA methodology for quantitative construction noise assessments, FHWA's Roadway Construction Noise Model (RCNM) was used to predict construction noise. All construction equipment is assumed to operate at the main construction area of the Project Site.[6] During construction, equipment would be operating throughout the Project Site and not all equipment would be operating at the point closest to the sensitive receptors. The main construction activity area for the Project would occur mainly around the center of the Project Site due to the building location and orientation. Therefore, the distance used in the model was approximately 530 feet from the center of the Project Site to the nearest sensitive receptor (adjacent to the Project Site to the west) and 380 feet to the nearest commercial receptor to the south; refer to Attachment A for construction noise modeling results.

[6] For the purposes of this analysis, the main construction activity areas are defined as the anticipated building construction area. Although some construction activities may occur at distances closer than 380 feet from the nearest properties, construction equipment would be dispersed throughout the Project Site during various construction activities. Therefore, main construction activity areas represent the most appropriate distance based on the sporadic nature of construction activities.

The MPMC does not establish quantitative construction noise standards, and Section 4.50.100(a) of the MPMC provides that construction activities are not subject to the noise level limits established in the MPMC. Nonetheless, for informational purposes only, this analysis uses the FTA's criteria of 80 dBA L_{eq} for residential uses and 85 dBA L_{eq} for commercial uses to evaluate construction noise impacts.[7]

Table 5: Construction Noise Level shows the maximum noise levels for each individual construction phase, assuming simultaneous use of equipment assumed for each phase. The highest exterior noise level at the residential use located to the west of the Project Site is estimated to be 67.1 dBA L_{eq}, which would not exceed the FTA's criteria of 80 dBA L_{eq} for residential uses. At the nearest commercial use approximately 380 feet south, the highest noise level would be 70.0 dBA L_{eq}, which would not exceed the FTA's criteria of 85 dBA L_{eq} for commercial uses.

Table 5: Construction Noise Levels

Construction Phase	Receptor Location			Modeled Exterior Noise Level (dBA L_{eq}) [2,3]	Noise Threshold (dBA L_{eq}) [4]	Exceeded?
	Land Use	Direction	Distance (feet) [1]			
Phase 1 Demolition	Commercial	South	380	68.8	85	No
Phase 1 Demolition	SFR	West	530	65.9	80	No
Phase 1 Demolition	SFR	Northeast	680	63.8	80	No
Phase 1 Site Prep	Commercial	South	380	70.0	85	No
Phase 1 Site Prep	SFR	West	530	67.1	80	No
Phase 1 Site Prep	SFR	Northeast	680	65.0	80	No
Phase 1 Grading	Commercial	South	380	69.7	85	No
Phase 1 Grading	SFR	West	530	66.8	80	No
Phase 1 Grading	SFR	Northeast	680	64.6	80	No
Phase 1 BC	Commercial	South	380	68.5	85	No
Phase 1 BC	SFR	West	530	65.6	80	No
Phase 1 BC	SFR	Northeast	680	63.4	80	No
Phase 1 Paving	Commercial	South	380	68.9	85	No
Phase 1 Paving	SFR	West	530	66.0	80	No
Phase 1 Paving	SFR	Northeast	680	63.9	80	No

[7] Federal Transit Administration, *Transit Noise and Vibration Impact Assessment Manual*, Table 7-3, page 179, September 2018.

Table 5: Construction Noise Levels

Construction Phase	Receptor Location			Modeled Exterior Noise Level (dBA L_{eq}) [2,3]	Noise Threshold (dBA L_{eq}) [4]	Exceeded?
	Land Use	Direction	Distance (feet) [1]			
Phase 2 IC	Commercial	South	380	62.7	85	No
Phase 2 IC	SFR	West	530	59.9	80	No
Phase 2 IC	SFR	Northeast	680	57.7	80	No
Phase 2 Arch. Coating	Commercial	South	380	56.1	85	No
Phase 2 Arch. Coating	SFR	West	530	53.2	80	No
Phase 2 Arch. Coating	SFR	Northeast	680	51.1	80	No

1. Distance is from the nearest receptor to the main construction activity area on the Project Site. Not all equipment would operate at the closest distance to the receptor.
2. Modeled noise levels conservatively assume the simultaneous operation of all pieces of equipment.
3. The FTA Noise and Vibration Manual establishes construction noise standards of 80 dBA $L_{eq(8\text{-}hour)}$ for residential uses.

Abbreviations: SFR – Single-Family Residence, BC – Building Construction, IC – Interior Construction

Source: Federal Highway Administration, *Roadway Construction Noise Model,* 2006. Refer to Attachment A for noise modeling results.

Although the noise generated by Project construction would be higher than ambient noise levels, construction would be temporary and cease once Project construction is completed. Construction activities would comply with General Plan Policy 12.4 and MPMC Section 4.50.100 and limit construction between the hours of 7:00 A.M. and 7:00 P.M. Monday through Friday, and between 9:00 A.M. and 6:00 P.M. on Saturdays, Sundays, and Holidays are exempt from the MPMC noise standards. While construction may cause short-term annoyance to adjacent uses, it would be temporary and restricted to the hours permitted by the City's noise ordinance. In any case, the MPMC exempts noise from construction activities from the noise level limits established in the MPMC. Therefore, construction noise impacts would be less than significant.

Operational Noise

Project implementation would introduce new noise sources in the Project vicinity. The Project's primary noise sources that could potentially impact nearby noise-sensitive land uses include, mechanical equipment (e.g., cooling equipment, generators, etc.), parking lot (daily arrival and departure of cars), and loading dock/truck noise. The Project's mechanical equipment noise modeling was analyzed in the *Exterior Noise and Exterior Façade Acoustical Analysis* (2024) provided by Veneklasen Associates.

As indicated above, the MPMC Title 21 Chapter 14.150 limits noise levels generated by mechanical equipment to the measured median ambient noise level or the presumed ambient noise levels listed in Table 1, whichever is greater, per Chapter 4.50 of the MPMC.[8] As shown in Table 2, the ambient noise level at the nearest residences would be above the presumed ambient noise levels and therefore should be used as the ambient noise requirement for the site. The ambient noise requirement would be 56 dBA L_{eq} during the daytime and 54 dBA L_{eq} during the nighttime for the single-family residences to the west, and 61 dBA L_{eq} during the daytime and 56 dBA L_{eq} during the nighttime for the single-family residences to the northeast. At the nearest commercial receptor, the presumed median ambient noise requirement would be 65 dBA L_{eq}.

Mechanical Equipment

Potential stationary noise sources related to long-term Project operations include mechanical equipment (e.g., chillers and generators). The modeling utilized the 2023 SoftNoise Predictor computer program to calculate noise due to the chillers and generators at the nearest receptors. Chiller units would be surrounded by a 16-foot absorptive barrier on the rooftop on the proposed Project building. The chiller units were conservatively modeled to operate for 24-hours at 100 percent capacity. The generators would be located outside along the north face of the building surrounded by a 20-foot precast screen wall. Generator noise would occur during generator testing (a monthly process by which each generator is started and run for short durations, typically 15-30 minutes, with only one generator being tested at a time; monthly testing would occur during daytime hours only) or during emergency situations (typically defined as the interruption of grid provided power during which up to 12 of the generators, depending on the demand of the data center, would provide electricity until grid power is restored). Section 4.50.050 of the MPMC states that generators used during an emergency situation are exempt from the noise standards. Therefore, the noise levels generated for generators running during emergency situations were not evaluated.

As indicated in Table 6: Mechanical Equipment Noise Levels, noise levels from the different mechanical equipment operating scenarios would be below the ambient noise levels and would not exceed the City's standards. Therefore, the Project would result in less than significant impacts concerning mechanical equipment noise levels.

[8] As described above, Chapter 9.53 was repealed, and Chapter 4.50 was added during a Monterey Park City Council Meeting on May 3rd, 2021.

Table 6. Mechanical Equipment Noise Levels						
Receptor	**Project Operational Noise Level - Daytime (dBA L_{eq})[1]**	**Ambient Noise Level - Daytime (dBA L_{eq})[2]**	**Exceed?**	**Project Operational Noise Level - Nighttime (dBA L_{eq})**	**Ambient Noise Level - Nighttime (dBA L_{eq})[2]**	**Exceed?**
Single Family Residences (West)	50	56	No	50	54	No
Single Family Residences (Northeast)	56	61	No	56	56	No
Commercial Use (Northeast)	55	65	No	55	65	No

1. Ambient daytime noise levels include the operations of the two generators closest to sensitive receptors for generator testing.
2. Per MPMC Section 4.50.080, the generated noise levels must not exceed the median ambient noise level at the receptors or the measured ambient noise level, whichever is greater.

Source: Veneklasen Associates, *Exterior Noise and Exterior Façade Acoustical Analysis*, 2024.

Loading Dock and Trash/Recycling Truck Pickups

During loading activities and trash and recycling pickups, noise would be generated by the trucks' diesel engines, exhaust systems, and brakes during low gear shifting' braking activities; opening and closing of the trash/recycling bins. The Project would have two loading docks and trash enclosures located in the northwest and northeast corner of the proposed Project building. The typical loading dock/trash pick-up noise level is approximately 64 dBA L_{eq} at 50 feet. Truck loading and trash pickup would be infrequent during the day and would only generate noise for a short period of time. Therefore, on-site loading dock noise and trash/recycling pickup noise would not materially contribute to increases in daytime ambient noise. When weighted over a 12-hour period, truck loading/trash pickup noise would be 54 dBA L_{eq} at 50 feet. At the nearest sensitive receptor to the west and northeast, the noise level would be approximately 42 dBA L_{eq} and 38 dBA L_{eq} respectively without accounting for any surrounding attenuation features. The hours of deliveries and trash/recycling pickup activity would be dependent on the MPMC and the service provider. Therefore, the Project's truck loading/trash pickup noise level would not significantly impact the Project's contribution to the daytime ambient noise levels at the surrounding receptors and would result in less than significant impacts.

Mobile Traffic Noise

The Project is anticipated to generate 52 daily trips, with up to 36 trips during the day and up to 16 trips during the night.[9] In general, a 3-dBA increase in traffic noise is barely perceptible to people while a 5-dBA increase is readily noticeable. Traffic volumes on Project area roadways would have to approximately double for the resulting traffic noise levels to generate a barely perceptible 3-dBA increase.[10] Saturn Street is classified in the City General Plan Circulation Element as a Minor Arterial that supports up to 40,000 vehicles per day. According to Replica Traffic Data, Saturn Street currently carries 889 vehicles per day.[11] As noted above, the Project would result in approximately 52 daily trips, which would not result in a doubling of existing traffic volumes on Saturn Street, or nearby through streets. The Project would not generate enough traffic to result in a noticeable 3-dBA increase in ambient noise levels. Therefore, the Project would result in a less than significant impact from Project-related traffic noise.

Parking

Parking stalls would be located along the east of the proposed Project building. As explained above, the Project would not generate a substantial amount of trips and parking activities would be minimal on-site. Parking activities would anticipate a maximum of 18 vehicles during the day and 8 vehicles during the night.[12] Therefore, noise levels generated by Project parking would be at a 1-hour maximum of 39 dBA L_{eq} at 50 feet during the day and 35 dBA L_{eq} during the night. Due to the variability in parking throughout the day and night, when weighted over the daytime and nighttime periods, noise generated by parking would be even lower. Thus, vehicle access would not significantly impact the Project's contribution to ambient noise levels at the nearby receptors and parking noise impacts would be less than significant.

Composite Noise

Exterior noise levels associated with mechanical equipment, truck loading/trash pickup, and the parking lot would contribute to Project's impact on the surrounding ambient noise levels. However, as described above, noise generated from truck loading/trash pickup and parking lot noise would not reach high levels when weighted over the daytime and nighttime periods. When combined with the Project's mechanical equipment contribution remains unchanged from those shown in Table 6. Therefore, the composite noise levels from the Project (HVAC, rooftop chillers, truck loading,

[9] Kimley-Horn and Associates, *Transportation Analysis and Vehicle Miles Traveled Screening*, 2024.

[10] According to the Caltrans, Technical Noise Supplement to Traffic Noise Analysis Protocol (September 2013), it takes a doubling of traffic to create a noticeable (i.e., 3 dBA) noise increase.

[11] Replica, *Annual Average Daily Traffic*, 2022.

[12] The Project anticipates a total of 26 employees with 18 employees available during the day and 8 employees during the night. Thus, the greatest amount of parking activity during the day or night would be 18 vehicles.

parking lot, and mobile noise) would be below the thresholds and the Project would comply with Chapter 4.50 of the MPMC. Thus, composite noise impacts associated with the operations of the Project would be less than significant.

Threshold (b) Would the project generate excessive groundborne vibration or groundborne noise levels?

Construction Vibration

Increases in groundborne vibration levels attributable to the Project would be primarily associated with short-term construction-related activities. Project construction could result in varying degrees of temporary groundborne vibration, depending on the specific construction equipment used and the operations involved. Construction activities could occur as close as 65 feet from the nearest residential buildings. Table 7: Typical Construction Equipment Vibration Levels identifies vibration velocity levels at 25 feet and 65 feet for various types of equipment likely to operate at the Project Site during construction.

Table 7: Typical Construction Equipment Vibration Levels

Equipment	Peak Particle Velocity at 25 feet (in/sec)	Peak Particle Velocity at 65 feet (in/sec)
Vibratory compactor/roller	0.210	0.050
Large Bulldozer	0.089	0.021
Loaded Trucks	0.076	0.018
Small Bulldozer	0.003	0.001

Source: Federal Transit Administration, *Transit Noise and Vibration Impact Assessment Manual*, 2018.

The City has not adopted specific standards for vibration impacts during construction. Therefore, the Caltrans *Transportation and Construction Vibration Guidance* Manual (2020) is used to evaluate construction vibration impacts related to potential building damage. Based on the Caltrans criteria, construction vibration impacts would be significant if vibration levels exceed 0.25 in/sec PPV at the nearby structures, which is the distinctly perceptible threshold for humans and is below the limit for potential building damage at older structures. As shown in Table 7, the vibration velocities at 65 feet from construction equipment could be up to 0.050 in/sec PPV at the nearest structure. Therefore, construction vibration would not exceed the 0.25 in/sec PPV threshold of perception and would be below the structural damage threshold for older structures. Thus, vibration impacts during Project construction would be less than significant.

Operational Vibration

The Project would not generate groundborne vibration during operations that could be felt at surrounding uses. Project operations would not involve railroads or substantial heavy truck

operations, and therefore would not result in vibration impacts at surrounding uses. As a result, impacts from vibration associated with Project operation would be less than significant.

Threshold (c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

The nearest airport to the Project Site is the San Gabriel Valley Airport located approximately 5.1 miles northeast of the Project Site. The Project is not within 2 miles of the nearest airport and would not be impacted by airport noise. Additionally, there are no private airstrips located within the Project vicinity Therefore, the Project would not expose people residing or working in the Project area to excessive airport- or airstrip-related noise levels and no mitigation is required.

7.0 Conclusion

The Project's construction and operational noise and vibration levels would not exceed applicable standards. The Project would result in less than significant construction and operational noise and vibration impacts, and no mitigation is required.

8.0 References

1. California Department of Transportation, *Technical Noise Supplement to Traffic Noise Analysis Protocol*, 2013.
2. California Department of Transportation, *Transportation and Construction Vibration Manual,* 2020.
3. City of Monterey Park, *General Plan Circulation Element*, 2022.
4. City of Monterey Park, *General Plan Safety Element*, 2022.
5. City of Monterey Park, *Municipal Code Chapter 4.50 Regulation of Noise and Other Disturbances*, 2021.
6. Federal Highway Administration, *Roadway Construction Noise Model*, 2006.
7. Federal Transit Administration, *Transit Noise and Vibration Impact Assessment Manual*, 2018.
8. Kimley-Horn and Associates, *Transportation Analysis and Vehicle Miles Traveled Screening*, 2024.
9. Replica, *Annual Average Daily Traffic*, 2022.
10. State of California Governor's Office of Planning and Research, *General Plan Guidelines, Appendix D: Noise Element Guidelines*, 2017.
11. Veneklasen Associates, *Exterior Noise and Exterior Façade Acoustical Analysis*, 2024.

Attachment A

Noise Data

Project: Saturn Data Center

Construction Noise Impact on Sensitive Receptors

Parameters

Construction Hours:	Daytime hours (7 am to 7 pm)	8
	Evening hours (7 pm to 10 pm)	0
	Nighttime hours (10 pm to 7 am)	0
Leq to L10 factor		3

	Receptor (Land Use)	Average Distance (feet)	Distance to Property Line (feet)	Shielding	Direction
1	Single Family Residence	530	65	0	W
2	Single Family Residence	680	160	0	NE
3	Commercial	380	60	0	S

					RECEPTOR 1		RECEPTOR 2		RECEPTOR 3	
Construction Phase	**Equipment Type**	**No. of Equip.**	**Acoustical Usage Factor**	**Reference Noise Level at 50ft per Unit, Lmax**	**Noise Level at Receptor 1, Lmax**	**Noise Level at Receptor 1, Leq**	**Noise Level at Receptor 2, Lmax**	**Noise Level at Receptor 2, Leq**	**Noise Level at Receptor 3, Lmax**	**Noise Level at Receptor 3, Leq**
Phase 1 Demolition										
	Concrete Saw	1	20%	90	69.1	62.1	66.9	59.9	72.0	65.0
	Dozer	2	40%	82	64.2	60.2	62.0	58.1	67.1	63.1
	Excavator	3	40%	81	65.0	61.0	62.8	58.8	67.9	63.9
Combined LEQ						**65.9**		**63.8**		**68.8**
Phase 1 Site Preparation										
	Tractor	4	40%	84	69.5	65.5	67.3	63.4	72.4	68.4
	Dozer	3	40%	82	66.0	62.0	63.8	59.8	68.9	64.9
Combined LEQ						**67.1**		**65.0**		**70.0**

Phase 1 Building Construction										
	Tractor	3	40%	84	68.3	64.3	66.1	62.1	71.2	67.2
	Crane	1	16%	81	60.1	52.1	57.9	50.0	63.0	55.0
	Man Lift	3	20%	75	59.0	52.0	56.8	49.8	61.9	54.9
	Generator	1	50%	81	60.1	57.1	57.9	54.9	63.0	60.0
	Welder/Torch	1	40%	74	53.5	49.5	51.3	47.3	56.4	52.4
Combined LEQ						**65.6**		**63.4**		**68.5**
Phase 1 Paving										
	Paver	2	50%	77	59.7	56.7	57.5	54.5	62.6	59.6
	Roller	2	20%	80	62.5	55.5	60.3	53.3	65.4	58.4
	Pavement Scarafier	2	20%	90	72.0	65.0	69.8	62.8	74.9	67.9
Combined LEQ						**66.0**		**63.9**		**68.9**
Phase 2 Interior Construction										
	Man Lift	3	20%	75	59.0	52.0	56.8	49.8	61.9	54.9
	Generator	1	50%	81	60.1	57.1	57.9	54.9	63.0	60.0
	Welder/Torch	1	40%	74	53.5	49.5	51.3	47.3	56.4	52.4
	Compressor (air)	1	40%	78	57.2	53.2	55.0	51.0	60.1	56.1
Combined LEQ						**59.9**		**57.7**		**62.7**
Phase 2 Architectural Coating										
	Compressor (air)	1	40%	78	57.2	53.2	55.0	51.0	60.1	56.1
Combined LEQ						**53.2**		**51.1**		**56.1**
Phase 1 Grading										
	Grader	1	40%	85	64.5	60.5	62.3	58.3	67.4	63.4
	Excavator	1	40%	81	60.2	56.2	58.0	54.0	63.1	59.1
	Tractor	3	40%	84	68.3	64.3	66.1	62.1	71.2	67.2
	Dozer	1	40%	82	61.2	57.2	59.0	55.0	64.1	60.1
Combined LEQ						**66.8**		**64.6**		**69.7**

Source for Ref. Noise Levels: RCNM, 2005

* Loudest piece of equipment measured from the construction boundary nearest to the receptor.

Parking Lot Noise

Number of Vehicles Per Hour:	18
Hourly L_{eq} at 50 feet:	39.0

$L_{eq(h)} = SEL_{ref} + 10\log(NA/1{,}000) - 35.6$

Where:

$L_{eq(h)}$	=	39.0	hourly L_{eq} noise level at 50 feet
SEL_{ref}	=	92	reference noise level for stationary noise source represented in sound exposure level (SEL) at 50 feet
NA	=	18	number of automobiles per hour
35.6	=	35.6	Constant, calculated as 10 times the logarithm of the number of seconds in an hour

FTA's reference noise level is 92 dBA SEL at 50 feet from the noise source for a parking lot

Source: Federal Transit Administration, *Transit Noise and Vibration Impact Assessment Manual* , September 2018.

Parking Lot Noise

Number of Vehicles Per Hour:	8
Hourly L_{eq} at 50 feet:	35.4

$L_{eq(h)} = SEL_{ref} + 10\log(NA/1{,}000) - 35.6$

Where:

$L_{eq(h)}$	=	35.4	hourly L_{eq} noise level at 50 feet
SEL_{ref}	=	92	reference noise level for stationary noise source represented in sound exposure level (SEL) at 50 feet
NA	=	8	number of automobiles per hour
35.6	=	35.6	Constant, calculated as 10 times the logarithm of the number of seconds in an hour

FTA's reference noise level is 92 dBA SEL at 50 feet from the noise source for a parking lot

Source: Federal Transit Administration, *Transit Noise and Vibration Impact Assessment Manual* , September 2018.

Attachment B

Exterior Noise and Exterior Façade Acoustical Analysis by Veneklasen Associates

Veneklasen Associates
Consultants in Acoustics | Noise | Vibration | AV | IT

April 24, 2024

Gensler
5005 Greeneville
Dallas, Texas 75206

Attention: Chris Sanders, AIA | Associate

Subject: **StratCap 1977 Saturn Street**
Monterey Park, California
Exterior Noise and Exterior Façade Acoustical Analysis
Veneklasen Project No. 1267-263

Dear Chris:

Veneklasen Associates, Inc. (Veneklasen) has completed the environmental noise analysis for the StratCap 1977 Saturn Street project located in Monterey Park, California. This report predicts the exterior noise level at the site using provided sound data and computer modeling. Using this information, the noise level is determined whether compliant or not with Code requirements. If not compliant, mitigation measures are introduced. This report discusses the results of this analysis.

1.0 INTRODUCTION

This study was conducted to determine the impact of HVAC equipment at the StratCap 1977 Saturn Street project on the exterior noise level of neighboring residential areas in Monterey Park, California. Veneklasen's scope of work included measuring the existing background exterior noise level, calculating the increase in the level as a result of this project's HVAC equipment, and determining the method, if any, required to reduce these exterior sound levels to meet the applicable code requirements of the City of Monterey Park.

The project consists of a single story 200,000 square foot data center with 23 rooftop chillers for the data center, 2 RTUs for admin spaces, and 14 emergency generators. The project is bounded by residential neighborhoods on the northeast and northwest property lines. The northwest residential areas are uphill of the site which will make satisfying the noise ordinance there challenging.

2.0 NOISE CRITERIA

The City of Monterey Park Noise Ordinance states that ambient noise level of residential areas will either be the measured ambient noise level or the presumed ambient levels listed in section 4.50.080, whichever is greater. Any noise that exceeds this level is a code violation.

- Section 4.50.080 lists presumed ambient levels of 50 dBA at night (between 10:00 pm and 7:00 am).
- Section 4.50.080 lists presumed ambient levels of 55 dBA during the day (7:00 am to 10:00 pm).

Additionally, when any disturbing noise has an audible tonal quality, the applicable noise limit will be reduced by 5 dB when determining whether or not a violation exists.

Lastly, section 4.50.050 states that "emergency generators or equipment used during a power outage or other emergency" are exempt from being classified as noise disturbances.

3.0 EXTERIOR NOISE ENVIRONMENT

3.1 Noise Measurements

Veneklasen visited the site on Wednesday, January 31, 2024 and placed two sound level meters at the northwest and northeast property line to capture the hourly sound levels on the site for a 24-hour period.

Veneklasen also completed three short-term noise measurements. Table 1 and Figure 1 show the location and summary of the noise measurements. Since these values are higher than the presumed ambient levels listed in Section 4.50.080 of the noise ordinance, these measured levels will be used as the ambient noise requirements for this project.

Table 1 – Measured Sound Levels

Location	Measured Level (dB)	Nighttime Level (dB)	Daytime Level (dB)
L1	55	54	56
L2	60	56	61
S1	64	---	---
S2	64	---	---
S3	65	---	---

Figure 1 – Aerial View of Project Site Showing Measurement Locations



Therefore, the sound level that cannot be exceeded at nighttime from the operation of the equipment is 56 dBA at L2 and 54 dBA at L1.

4.0 COMPUTER MODELING

Veneklasen utilized the 2023 version of the SoftNoise Predictor computer modeling program to calculate the exterior noise levels due to chiller and generator noise using drawings dated April 19, 2024. The model was then used to generate color coded noise contours (noise heat maps) that show the dBA noise levels around the site at a height of 6 feet above grade.

4.1 Equipment Sound Levels

The current design consists of a 16 ft. acoustic screen with absorption around the rooftop chillers and a 20 ft. precast screen wall around the generators. Chiller sound data was provided on February 29, 2024 and RTU sound data was provided on March 21, 2024 with operational information provided April 2024.

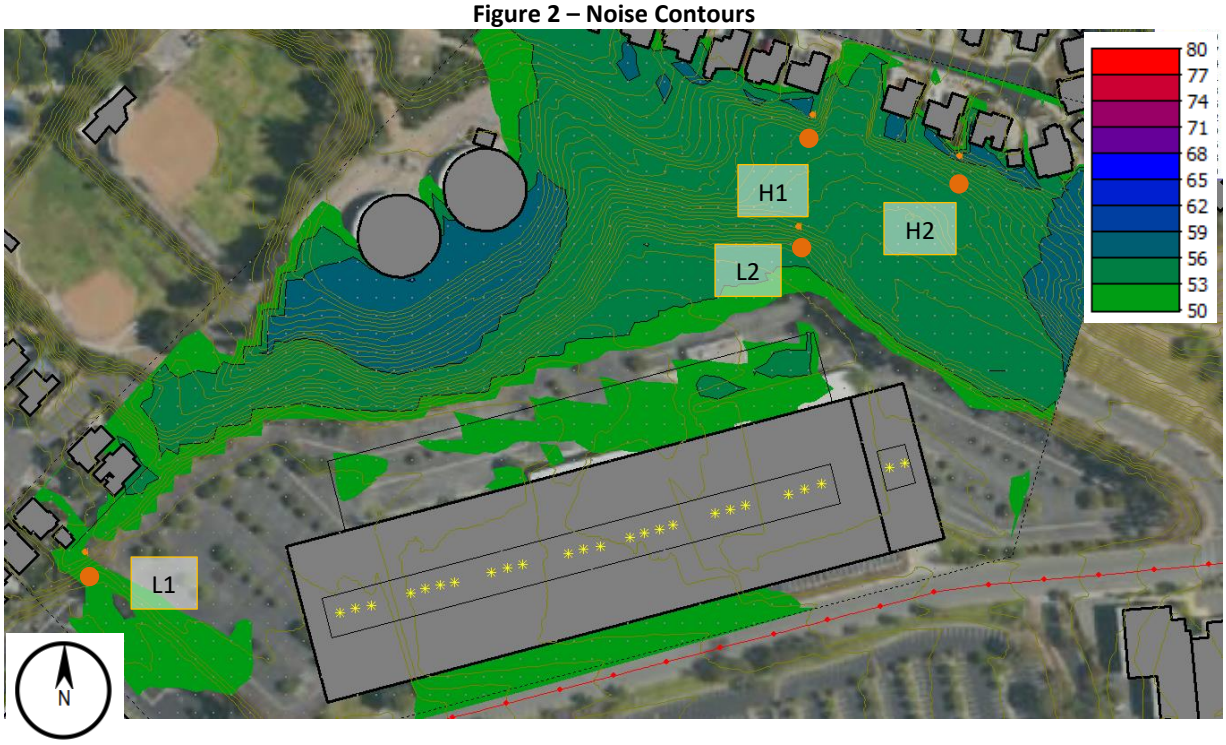
Chiller sound data within the acoustic models shown includes equipment operating at 100% capacity, which is the worst-case scenario. With this sound data, Veneklasen calculated the noise levels associated with the operation of the chillers. This information in. Additionally, noise levels were calculated at two nearby houses (H1 and H2) northwest of the property. Since Section 4.50.050 of the noise ordinance states that emergency generators used during a power outage are exempt, Figure 2 does not include the operation of the emergency generator.

Veneklasen calculated the noise level from the operation of chillers. The chillers are designated in the center of the building with 16 ft. absorptive barrier (shown in Figure 2). The resulting calculated noise levels were calculated as follows:

- 50 dBA at L1
- 55 dBA at L2.
- 56 dBA at H1 and
- 56 dBA at H2

None of these levels exceed the ambient measured level of 56 dBA meaning that the Monterey Park Municipal Code is satsified.

Figure 2 – Noise Contours



5.0 CONCLUSIONS

The calculated noise levels with the 16 ft. absorptive barrier height and chiller locations along with their acceptability can be seen in Table 2, below. Since the chillers/RTUs do not exceed the measured ambient noise levels at both the property line and the neighboring houses, the Monterey Park noise ordinance is satsified.

Table 2 – Calculated level vs. measured ambient levels.

Location	Measured Nighttime Level (dB)	Calculated Nighttime Level with Chillers @100% Load and 16 ft. Abs Barrier (dB)	Satisfies the Monterey Park Noise Ordinance
L1	54	50	Yes
L2	56	55	Yes
H1	---	56	Yes
H2	---	56	Yes

If you have any questions or comments regarding this report, please do not hesitate to contact the undersigned.

Sincerely,
Veneklasen Associates, Inc.

Ryan Edwards
Associate

APPENDIX I – GLOSSARY OF ACOUSTICAL TERMS

Term	Definition
Absorption	A property of material referring to how much sound it absorbs (as opposed to reflecting). In the context of this report, absorption refers to the total quantity of absorption within the receiving space. Absorption is measured in sabins.
A-weighting	The sound pressure level in decibels as measured in an A-weighting filter network. The A-weighting de-emphasizes the low frequency components of the sound in a manner similar to the frequency response of the human ear and correlates well with subjective reactions to noise.
CNEL (Community Noise Equivalent Level)	The energy average of the A-weighted sound levels occurring during a 24-hour period, and which accounts for the greater sensitivity of most people to evening and nighttime noise by weighting noise levels at evening and night. Noise between 7 pm and 10 pm is weighted (penalized) by adding 5 dB, and noise between 10 pm and 7 am is weighted by adding 10 dB to consider the greater annoyance of evening and nighttime noises. For practical purposes, the CNEL and DNL are usually interchangeable.
Decibel (dB)	A unit describing the amplitude of sound equivalent to 20 times the logarithm, to the base 10, of the ratio of the pressure of the sound to the reference pressure of 20 μPa. Used to quantify sound pressure levels.
DNL (Day-Night Average Sound Level)	The energy average of the A-weighted sound levels occurring during a 24-hour period, and which accounts for the greater sensitivity of most people to nighttime noise by weighting noise levels at night. Noise between 10 pm and 7 am is weighted (penalized) by adding 10 dB to consider the greater annoyance of nighttime noises. This noise descriptor is referred to by different agencies and references as either DNL or Ldn. The two notations refer to the same noise descriptor.
Equivalent Sound Level (Leq)	Used to describe noise over a specified period of time, typically one hour, in terms of a single numerical value. The Leq is the constant sound level, which would contain the same acoustic energy as the varying sound level, during the same time period (i.e., the average noise exposure level for the given time period).
Lmax	The instantaneous maximum noise level measured during the measurement period of interest.
L*n*	The sound level that is equaled or exceeded *n* percent of a specified time period. The L50 represents the median sound level.
Sabin	A unit used to describe absorption within a space. One sabin is equal to the absorption of a one-square-foot open window.

Term	Definition
Sound Pressure Level (SPL)	The amplitude of sound when compared to the reference sound pressure level of 20 μPa. SPL is measured in dB with zero dB corresponding roughly to the threshold of human hearing, and 120 to 140 dB corresponding to the threshold of pain. Because sound pressure can vary greatly within the range of human hearing, a logarithmic loudness scale is used to keep sound intensity numbers at a convenient and manageable level.
Sound Transmission Class (STC)	A single-number metric used to describe the transmission loss performance of a material or assembly across the frequency spectrum. It is intended for use primarily when speech is the noise source.
Transmission Loss (TL)	A measure of the reduction in sound level as a sound wave passes through a material. The higher the transmission loss, the better the material's sound insulating properties.

APPENDIX II – ACOUSTICAL CALCULATION METHODS

Decibel Addition

Decibels are based on a logarithmic scale; defined as the logarithmic ratio between a measured sound pressure level and a reference sound pressure level. When decibels are added, they are not combined arithmetically, but logarithmically. Decibels are added according to the following equation.

$$SPL_{tot} = 10log\left(10^{\left(SPL_1/10\right)}\right) + 10log\left(10^{\left(SPL_2/10\right)}\right)$$

Where:
SPL_{tot} = Total Sound Pressure Level (dB or dB)
SPL_1, SPL_2 = Sound Pressure Level 1, 2 (dB or dB)

A-Weighting

A-weighting a spectrum is completed by applying standardized weighting factors to a frequency spectrum, either in octave bands or third-octave bands. These resultant A-weighted levels are summed using decibel addition to generate the overall A-weighted level, noted as dB. In a report, spectral data is typically presented un-weighted, and the overall level is presented with A-weighting.

The octave band A-weighting correction factors are shown in the table below:

	Octave Band Center Frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
A-weighting Correction Factor (dB)	-26	-16	-9	-3	0	+1	+1	-1

Acoustical Shielding

The presence of adjacent buildings or façades, changes in terrain, parapets, and other similar barriers provide acoustical shielding, reducing the sound level incident on the exterior façades. Common locations where acoustical shielding occurs include, but are not limited to, the roof, the back, and sides of the building that are not directly facing the noise source.

Acoustical shielding due to building geometry can be separated into two categories: reduction due to reduced area of exposure (side of a building), and shielding from barriers (such as a parapet or sound wall).

Reduction as a result of reduced area of exposure is calculated according to the following equation:

$$\Delta SPL = 10\log_{10}\left(\frac{\theta_{exp}}{180}\right)$$

Where:
ΔSPL = Change in Sound Pressure Level (dB)
θ_{exp} = Angle of exposure (degrees)

Acoustical Attenuation due to Distance

Sound pressure level reduction due to distance is calculated according to the following equation:

$$SPL_2 = SPL_1 + C_S \log\left(\frac{r_1}{r_2}\right)$$

Where:
SPL_1 = Sound Pressure Level at Location 1 (dB or dB)
SPL_2 = Sound Pressure Level at Location 2 (dB or dB)
C_S = Source Coefficient; 20 for point source, 10 for a line source
r_1 = Location 1 distance from source (ft.)
r_2 = Location 2 distance from source (ft.)

In some situations, the C_S value is between 10 and 20; selection of this number is an engineering judgment based on the relationship between the source and receiver as well as the type of source.

Interior Noise Calculation

The interior noise calculation takes into account the exterior noise level, the transmission loss of the glazing (including glass, frame, and seals), wall, and roof/ceiling systems, the finishes within the space, and noise exposure due to building geometry and acoustic shielding. The interior sound level is calculated using the equation:

$$SPL_I = SPL_E + 10\,log_{10}(A) - 10log_{10}(R) - TL + 6$$

Where:
SPL_I = the Interior Sound Pressure Level (dB or dB)
SPL_E = Exterior Sound Pressure Level (dB or dB)
A = Surface Area exposed to Exterior Noise (sq.ft.)
R = Room Absorption Coefficient (sabins)
TL = Sound Transmission Loss of Exterior Façade Assembly (dB)

This calculation is performed for each exposed façade individually. The total interior sound level is found by using decibel addition to sum the sound level from all exposed façades.

Appendix K

Transportation Analysis and Vehicle Miles Traveled Screening Memorandum

Kimley»Horn

TECHNICAL MEMORANDUM

To:	Beth Chow, AICP Interim Planning Manager 320 W. Newmark Avenue, Monterey Park, CA 91754
From:	Jessie Fan, Kimley-Horn and Associates, Inc.
Date:	April 4, 2024
Subject:	1977 Saturn Data Center Project – Transportation Analysis and Vehicle Miles Traveled Screening

INTRODUCTION

The purpose of this technical memorandum is to establish the trip generation estimated by the proposed 1977 Saturn Data Center Project (Project) and determine if a Transportation Study and vehicle miles traveled (VMT) analysis are required for Project located at 1977 Saturn Street in the City of Monterey Park (City). The findings of the analysis will help determine if a VMT assessment is required.

PROJECT LOCATION

The Project would be developed on a 15.8-acre property (Project Site) (Assessor's Parcel Number [APN] 5265-026-054), located at 1977 Saturn Street. The Project Site is located west of the intersection of Saturn Street and South Orange Avenue. The Project Site is bound by the La Loma Reservoir water storage tanks to the north, South Orange Avenue and open space to the east, Saturn Street to the south, and commercial office buildings and surface parking lots to the west.

PROJECT DESCRIPTION

The Project Site is currently developed with a two-story commercial office building, an associated one-story utility building with a diesel-powered emergency backup generator, and surface parking lot. Based on records available at the time of this report, we understand that the commercial office building has been vacant since 2016. The commercial office building is approximately 205,628 square feet, and the utility building is approximately 3,936 square feet, resulting in a total existing building square footage of approximately 209,597 square feet. The Project Site also contains an asphalt-paved surface parking lot and an existing perimeter security fence.

The Applicant, SDCF Monterey Park, LLC, proposes to demolish the existing improvements and construct a new data center with an ancillary equipment yard, substation, parking, and landscaping. The proposed data center would comprise a total of approximately 218,400 square feet that would include data hall space, administrative office, loading docks, storage, mechanical/electrical/fiber entry rooms, and other ancillary uses. The land uses are provided in **Table 1**.

Table 1: Proposed Land Use

Land Use	Square Feet
Data Hall	109,970
Electrical (Interior)	23,976
Mechanical	39,463
Network	1,750
Support	26,700
Administrative Office	*8,000*
Storage	*4,445*
Loading Dock, Restroom, Security, and Other Ancillary Uses	*14,255*
Circulation	16,542
Total	**218,401**

The Project would be operational 24-hours, 7-days a week. Based on data provided by the Applicant (see **Appendix A)**, it is anticipated that on an average day, there will be 26 employees at the building throughout the day (day and night). The Project would be required to provide 848 parking spaces per Table 21.22(c) of Monterey Park Municipal Code (MPMC) Chapter 21.22. As the projected number of employees would require far fewer parking spaces than what is prescribed in the MPMC, the Applicant is requesting a Conditional Use Permit (CUP) for demand-based parking reduction. Upon approval of the CUP, the Project would include 68 parking spaces adjacent to the northern and eastern sides of the proposed data center building, including three handicapped accessible spaces and three spaces for electric vehicles (EV). Therefore, the highest number of total daily employees (26 persons) is less than the proposed 68 parking spaces, and the proposed spaces can accommodate the anticipated parking demand.

CITY OF MONTEREY PARK TRANSPORTATION STUDY GUIDELINES

The City of Monterey Park adopted their Transportation Study Guidelines for Vehicle Miles Traveled and Level of Service Assessment (Transportation Study Guidelines) (September 2020) to provide transportation analysis requirements for land development, roadway projects, and specific plans in the City. As stated within the Transportation Study Guidelines, a traffic study is required for new developments or for the expansion of existing developments which are forecast to generate a minimum of 50 vehicles per hour (total two-way) during the greater of the A.M. or P.M. peak hours. As shown in **Appendix A**, there will be 26 employees at the building throughout the day, with 18 employees available during the day and 8 employees available during the night. The 26 employees at the Project per day equates to a total of 52 daily vehicle trips Therefore, the Project would not exceed 50 vehicle trips in either the A.M. or P.M. peak hour, and a traffic study would not be required.

Vehicle Miles Traveled Screening

As stated within the Transportation Study Guidelines, there are three types of screening that may be applied to effectively screen projects from project-level assessment. A project may be screened out of VMT analysis if it meets one or more of the following screening steps discussed in **Table 2.** Each of

the screening criteria identified in the Transportation Study Guidelines and an evaluation of the screening criteria for the Project are discussed below in **Table 2**.

Table 2: VMT Screening Criteria and Project Evaluation

Screening Criteria	Project Evaluation	Result
Transit Priority Area (TPA) Screening: Projects located within a TPA may be presumed to have a less than significant impact absent substantial evidence to the contrary. This presumption may NOT be appropriate if the project: • Has a Floor Area Ratio (FAR) of less than 0.75; • Includes more parking for use by residents, customers, or employees of the project than required by the City; • Is inconsistent with the applicable Sustainable Communities Strategy (as determined by the lead agency, with input from the Southern California Association of Governments [SCAG]); or • Replaces affordable residential units with a smaller number of moderate- or high-income residential units.	The Project is not located within a TPA.	Does Not Meet Criteria
Low VMT Area Screening: Residential and office projects located within a low VMT-generating area may be presumed to have a less than significant impact absent substantial evidence to the contrary. In addition, other employment-related and mixed-use land use projects may qualify for the use of screening if the project can reasonably be expected to generate VMT per resident, per worker, or per service population that is similar to the existing land uses in the low VMT area.	The Project is a data processing facility permitted in the O-P Zone. The Project is not considered a residential or office project. The Project is not located within a low VMT area based on the San Gabriel Valley Council of Governments (SGVCOG) VMT Evaluation Tool.	Does Not Meet Criteria

Project Type Screening: Some project types have been identified as having the presumption of a less than significant impact. The following uses can be presumed to have a less than significant impact absent substantial evidence to the contrary as their uses are local serving in nature:
• Local-serving K-12 schools
• Local parks
• Day care centers
• Local-serving retail uses less than 50,000 square feet, including:
  ○ Gas stations
  ○ Banks
  ○ Restaurants
	The Project anticipates 26 employees on-site throughout the day (day and night). Therefore, the Project is anticipated to generate less than 110 daily vehicle trips.	Meets Criteria

○ Shopping Center • Local-serving hotels (e.g., non-destination hotels) • Local-serving assembly uses (places of worship, community organizations) • Community institutions (public libraries, fire stations, local government) • Affordable, supportive, or transitional housing • Assisted living facilities • Senior housing (as defined by HUD) • Local serving community colleges that are consistent with the assumptions noted in the Regional Transportation Plan/Sustainable Communities Strategy • Student housing projects on or adjacent to a college campus • Other local-serving uses as approved by the City Traffic Engineer • Projects generating less than 110 daily vehicle trips[1,2]		

Notes:
1 Note that a redevelopment project replacing an existing uses would estimate the net increase in trips above trips what already exists.
2 This threshold ties directly to the OPR technical advisory and notes that CEQA provides a categorical exemption for existing facilities, including additions to existing structures of up to 10,000 square feet, so long as the project is in an area where public infrastructure is available to allow for maximum planned development and the project is not in an environmentally sensitive area (CEQA Guidelines Section 15301(e)(2). Typical project types for which trip generation increases relatively linearly with building footprint (i.e., general office building, single tenant office building, office park, and business park) generate or attract an additional 110-124 trips per 10,000 square feet. Therefore, absent substantial evidence otherwise, it is reasonable to conclude that the addition of 110 or fewer trips could be considered not to lead to a significant impact.

SOURCE: City of Monterey Park, Transportation Study Guidelines for Vehicle Miles Traveled and Level of Service Assessment, September 2020.

While the Project is not located in a TPA or low-VMT area, the Project is anticipated to generate less than 110 daily vehicle trips. In addition, note that the Transportation Study Guidelines state that a redevelopment project replacing an existing use would estimate the net increase in trips above trips that already exist. Here, for purposes of this screening memorandum, no trip credits were taken for the existing use even though that methodology is allowed pursuant to the applicable guidelines. The Project itself is not an employee-intensive use and therefore does not generate a material number of daily vehicle trips or VMT. The 26 employees at the Project per day equates to a total of 52 daily vehicle trips, which is far less than the 110 daily vehicle trips threshold set forth in the Transportation Study Guidelines for project-type screening analysis. As such, the Project would meet one of the screening criteria identified in the City's Transportation Study Guidelines. Therefore, the Project is presumed to have a less-than-significant transportation impact and qualifies for being screened out from further VMT analysis.

SUMMARY AND CONCLUSION

This memorandum has been prepared to determine if a Transportation Study and VMT assessment are required. Based on **Appendix A**, the Project anticipates 26 employees on-site throughout the day,

which equates to a total of 52 daily vehicle trips. Therefore, the Project would not exceed 50 vehicle trips in either the A.M. or P.M. peak hour, and a traffic study would not be required. Similarly, based on the anticipated number of trips, the Project would be screened from further VMT analysis (see Table 2), and the Project is considered to have a less-than-significant transportation impact.

Appendix A

Shift Schedule

Kimley»Horn

4/3 day work schedule / 12-hour shifts / Non-rotating

LA - Total Technical Positions	
Tech 1 - Night A	6PM/6AM
Tech 2 - Night A	6PM/6AM
Tech 3 - Night B	6PM/6AM
Tech 4 - Night B	6PM/6AM
Tech 5 - Day A	6AM/6PM
Tech 6 - Day A	6AM/6PM
Tech 7 - Day A	6AM/6PM
Tech 8 - Day B	6AM/6PM
Tech 9 - Day B	6AM/6PM
Tech 10 - Day B	6AM/6PM
Float Tech 11	9AM/6PM
Bldg Engineer	8AM/5PM
IT Ops Lead	8A/5P
IT Ops Tech	8A/5P
IT Ops Tech	8A/5P
IT Ops Tech	11A/7P
Facility Manager	9A/5P
Chief Engineer	9A/5P
Asst Chief Engineer	11A/7P
Facilty Coordinator	9A/5P
Security Supervisor	7a/3P
Security 1st	7a/3P
Security 2nd	3P/11P
Security 3rd	11P/3A
Janitorial	8A/5P

Work Hours (adjustable)	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Tech 1 - Night A	6P/6A	6P/6A	6P/6A	6P/6A	Off	Off	Off	6P/6A	6P/6A	6P/6A	Off	Off	Off	Off	6P/6A	6P/6A	6P/6A	6P/6A	Off	Off	Off	6P/6A	6P/6A	6P/6A	Off	Off	Off	Off
Tech 2 - Night A	6P/6A	6P/6A	6P/6A	6P/6A	Off	Off	Off	6P/6A	6P/6A	6P/6A	Off	Off	Off	Off	6P/6A	6P/6A	6P/6A	6P/6A	Off	Off	Off	6P/6A	6P/6A	6P/6A	Off	Off	Off	Off
Tech 3 - Night B	Off	Off	Off	Off	6P/6A	6P/6A	6P/6A	Off	Off	Off	6P/6A	6P/6A	6P/6A	6P/6A	Off	Off	Off	Off	6P/6A	6P/6A	6P/6A	Off	Off	Off	6P/6A	6P/6A	6P/6A	6P/6A
Tech 4 - Night B	Off	Off	Off	Off	6P/6A	6P/6A	6P/6A	Off	Off	Off	6P/6A	6P/6A	6P/6A	6P/6A	Off	Off	Off	Off	6P/6A	6P/6A	6P/6A	Off	Off	Off	6P/6A	6P/6A	6P/6A	6P/6A
Tech 5 - Day A	6A/6P	6A/6P	6A/6P	Off	Off	Off	Off	6A/6P	6A/6P	6A/6P	6A/6P	Off	Off	Off	6A/6P	6A/6P	6A/6P	Off	Off	Off	Off	6A/6P	6A/6P	6A/6P	6A/6P	Off	Off	Off
Tech 6 - Day A	6A/6P	6A/6P	6A/6P	Off	Off	Off	Off	6A/6P	6A/6P	6A/6P	6A/6P	Off	Off	Off	6A/6P	6A/6P	6A/6P	Off	Off	Off	Off	6A/6P	6A/6P	6A/6P	6A/6P	Off	Off	Off
Tech 7 - Day A	6A/6P	6A/6P	6A/6P	Off	Off	Off	Off	6A/6P	6A/6P	6A/6P	6A/6P	Off	Off	Off	6A/6P	6A/6P	6A/6P	Off	Off	Off	Off	6A/6P	6A/6P	6A/6P	6A/6P	Off	Off	Off
Tech 8 - Day B	Off	Off	Off	6A/6P	6A/6P	6A/6P	6A/6P	Off	Off	Off	Off	6A/6P	6A/6P	6A/6P	Off	Off	Off	6A/6P	6A/6P	6A/6P	6A/6P	Off	Off	Off	Off	6A/6P	6A/6P	6A/6P
Tech 9 - Day B	Off	Off	Off	6A/6P	6A/6P	6A/6P	6A/6P	Off	Off	Off	Off	6A/6P	6A/6P	6A/6P	Off	Off	Off	6A/6P	6A/6P	6A/6P	6A/6P	Off	Off	Off	Off	6A/6P	6A/6P	6A/6P
Tech 10 - Day B	Off	Off	Off	6A/6P	6A/6P	6A/6P	6A/6P	Off	Off	Off	Off	6A/6P	6A/6P	6A/6P	Off	Off	Off	6A/6P	6A/6P	6A/6P	6A/6P	Off	Off	Off	Off	6A/6P	6A/6P	6A/6P
Float Tech 11	Off	9A-6P	9A-6P	9A-6P	9A-6P	9A-6P	Off	Off	9A-6P	9A-6P	9A-6P	9A-6P	9A-6P	Off	Off	9A-6P	9A-6P	9A-6P	9A-6P	9A-6P	Off	Off	9A-6P	9A-6P	9A-6P	9A-6P	9A-6P	Off
Bldg Engineer	Off	8A/5P	8A/5P	8A/5P	8A/5P	8A/5P	Off	Off	8A/5P	8A/5P	8A/5P	8A/5P	8A/5P	Off	Off	8A/5P	8A/5P	8A/5P	8A/5P	8A/5P	Off	Off	8A/5P	8A/5P	8A/5P	8A/5P	8A/5P	Off
IT Ops Lead	Off	8A/5P	8A/5P	8A/5P	8A/5P	8A/5P	Off	Off	8A/5P	8A/5P	8A/5P	8A/5P	8A/5P	Off	Off	8A/5P	8A/5P	8A/5P	8A/5P	8A/5P	Off	Off	8A/5P	8A/5P	8A/5P	8A/5P	8A/5P	Off
IT Ops Tech	Off	8A/5P	8A/5P	8A/5P	8A/5P	8A/5P	Off	Off	8A/5P	8A/5P	8A/5P	8A/5P	8A/5P	Off	Off	8A/5P	8A/5P	8A/5P	8A/5P	8A/5P	Off	Off	8A/5P	8A/5P	8A/5P	8A/5P	8A/5P	Off
IT Ops Tech	Off	8A/5P	8A/5P	8A/5P	8A/5P	8A/5P	Off	Off	8A/5P	8A/5P	8A/5P	8A/5P	8A/5P	Off	Off	8A/5P	8A/5P	8A/5P	8A/5P	8A/5P	Off	Off	8A/5P	8A/5P	8A/5P	8A/5P	8A/5P	Off
IT Ops Tech	Off	11A/7P	11A/7P	11A/7P	11A/7P	11A/7P	Off	Off	11A/7P	11A/7P	11A/7P	11A/7P	11A/7P	Off	Off	11A/7P	11A/7P	11A/7P	11A/7P	11A/7P	Off	Off	11A/7P	11A/7P	11A/7P	11A/7P	11A/7P	Off
Facility Manager	Off	9A - 5P	9A - 5P	9A - 5P	9A - 5P	9A - 5P	Off	Off	9A - 5P	9A - 5P	9A - 5P	9A - 5P	9A - 5P	Off	Off	9A - 5P	9A - 5P	9A - 5P	9A - 5P	9A - 5P	Off	Off	9A - 5P	9A - 5P	9A - 5P	9A - 5P	9A - 5P	Off
Chief Engineer	Off	9A - 5P	9A - 5P	9A - 5P	9A - 5P	9A - 5P	Off	Off	9A - 5P	9A - 5P	9A - 5P	9A - 5P	9A - 5P	Off	Off	9A - 5P	9A - 5P	9A - 5P	9A - 5P	9A - 5P	Off	Off	9A - 5P	9A - 5P	9A - 5P	9A - 5P	9A - 5P	Off
Asst Chief Engineer	Off	11A-7P	11A-7P	11A-7P	11A-7P	11A-7P	Off	Off	11A-7P	11A-7P	11A-7P	11A-7P	11A-7P	Off	Off	11A-7P	11A-7P	11A-7P	11A-7P	11A-7P	Off	Off	11A-7P	11A-7P	11A-7P	11A-7P	11A-7P	Off
Facilty Coordinator	Off	9A/5P	9A/5P	9A/5P	9A/5P	9A/5P	Off	Off	9A/5P	9A/5P	9A/5P	9A/5P	9A/5P	Off	Off	9A/5P	9A/5P	9A/5P	9A/5P	9A/5P	Off	Off	9A/5P	9A/5P	9A/5P	9A/5P	9A/5P	Off

Summary	FTE
Management - Day	3
Technical - Day	8
Technical - Night	5
IT - Day	3
IT - Night	1
Security - Day	2
Security - Night	2
Janitorial - Day	2
Total	26

Split by Shift	
Day	18
Night	8
Total	26

Appendix L

Assembly Bill 52 Communications

CITY OF MONTEREY PARK
320 West Newmark Avenue • Monterey Park • California 91754-2896
www.MontereyPark.ca.gov

City Council
Henry Lo
Vinh T. Ngo
Jose Sanchez
Thomas Wong
Yvonne Yiu

City Clerk
Maychelle Yee

City Treasurer
Amy Lee

May 30, 2024

Gabrielino-Tongva Tribe
Charles Alvarez
23454 Vanowen Street
West Hills, CA, 91307

Subject: AB 52 Native American Consultation for the 1977 Saturn Data Center, Monterey Park, Los Angeles County, California.

Dear Mr. Alvarez:

The City of Monterey Park (City) is requesting your review of the 1977 Saturn Data Center (project) within the City limits, Los Angeles County, California to determine if formal consultation is appropriate pursuant to Public Resource Code Section 21080.3.2(b) and 21074(a)(1)(A)-(B) (Assembly Bill [AB] 52). The City is the lead agency for the project. The project is located generally at 1977 Saturn Street on an approximately 15.8-acre lot (the project site). The project site has been previously developed with a split level two-story existing commercial professional office building, which is currently vacant. The existing building on the project site is approximately 205,628 square feet and includes an asphalt paved surface parking lot with 847 parking spaces, two points of vehicular ingress and egress to the project site from Saturn Street; one at the west and the another at the east end of the property. There are mature trees and landscaping that surround the property site to the east, west, and north. The applicant proposes to demolish the existing site improvements and construct a new state-of-the art data processing facility on the site with ancillary equipment yard, substation, parking and landscaping generally within the existing improved areas of the site. The proposed project includes two driveways located along Saturn Street, similar to the existing building driveways. The proposed project would include 109,970 square feet of data hall space and approximately 92,000 square feet of support space, consisting of office, loading dock, storage, mechanical/electrical/fiber entry rooms, and other ancillary uses.

We are requesting that you advise the City at the earliest possible time of your interest in consulting. Under the provisions of AB 52, you have 30 days from the date of receipt of this notice, which will be on or around July 1, 2024 in which to contact the City regarding your interest in consultation. Please contact me to initiate consultation at bchow@montereyparkca.gov.

Sincerely,

Beth Chow, AICP
Planning Manager

Attachment: Project Site Map



Project Site Map
1977 Saturn Street Project

NOT TO SCALE

Kimley»Horn

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City Clerk
Maychelle Yee

City Treasurer
Amy Lee

May 30, 2024

Fernandeno Tataviam Band of Mission Indians
Sarah Brunzell
CRM Manager
1019 Second Street
San Fernando, CA 91340

Subject: AB 52 Native American Consultation for the 1977 Saturn Data Center, Monterey Park, Los Angeles County, California.

Dear Ms. Brunzell:

The City of Monterey Park (City) is requesting your review of the 1977 Saturn Data Center (project) within the City limits, Los Angeles County, California to determine if formal consultation is appropriate pursuant to Public Resource Code Section 21080.3.2(b) and 21074(a)(1)(A)-(B) (Assembly Bill [AB] 52). The City is the lead agency for the project. The project is located generally at 1977 Saturn Street on an approximately 15.8-acre lot (the project site). The project site has been previously developed with a split level two-story existing commercial professional office building, which is currently vacant. The existing building on the project site is approximately 205,628 square feet and includes an asphalt paved surface parking lot with 847 parking spaces, two points of vehicular ingress and egress to the project site from Saturn Street; one at the west and the another at the east end of the property. There are mature trees and landscaping that surround the property site to the east, west, and north. The applicant proposes to demolish the existing site improvements and construct a new state-of-the art data processing facility on the site with ancillary equipment yard, substation, parking and landscaping generally within the existing improved areas of the site. The proposed project includes two driveways located along Saturn Street, similar to the existing building driveways. The proposed project would include 109,970 square feet of data hall space and approximately 92,000 square feet of support space, consisting of office, loading dock, storage, mechanical/electrical/fiber entry rooms, and other ancillary uses.

We are requesting that you advise the City at the earliest possible time of your interest in consulting. Under the provisions of AB 52, you have 30 days from the date of receipt of this notice, which will be on or around July 1, 2024 in which to contact the City regarding your interest in consultation. Please contact me to initiate consultation at bchow@montereyparkca.gov.

Sincerely,

Beth Chow, AICP
Planning Manager

Attachment: Project Site Map



Project Site Map
1977 Saturn Street Project

NOT TO SCALE

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City Treasurer
Amy Lee

May 30, 2024

Gabrielino Tongva Indians of California Tribal Council
Christina Conley
Cultural Resource Administrator
PO Box 941078
Simi Valley, CA 93094

Subject: AB 52 Native American Consultation for the 1977 Saturn Data Center, Monterey Park, Los Angeles County, California.

Dear Ms. Conley:

The City of Monterey Park (City) is requesting your review of the 1977 Saturn Data Center (project) within the City limits, Los Angeles County, California to determine if formal consultation is appropriate pursuant to Public Resource Code Section 21080.3.2(b) and 21074(a)(1)(A)-(B) (Assembly Bill [AB] 52). The City is the lead agency for the project. The project is located generally at 1977 Saturn Street on an approximately 15.8-acre lot (the project site). The project site has been previously developed with a split level two-story existing commercial professional office building, which is currently vacant. The existing building on the project site is approximately 205,628 square feet and includes an asphalt paved surface parking lot with 847 parking spaces, two points of vehicular ingress and egress to the project site from Saturn Street; one at the west and the another at the east end of the property. There are mature trees and landscaping that surround the property site to the east, west, and north. The applicant proposes to demolish the existing site improvements and construct a new state-of-the art data processing facility on the site with ancillary equipment yard, substation, parking and landscaping generally within the existing improved areas of the site. The proposed project includes two driveways located along Saturn Street, similar to the existing building driveways. The proposed project would include 109,970 square feet of data hall space and approximately 92,000 square feet of support space, consisting of office, loading dock, storage, mechanical/electrical/fiber entry rooms, and other ancillary uses.

We are requesting that you advise the City at the earliest possible time of your interest in consulting. Under the provisions of AB 52, you have 30 days from the date of receipt of this notice, which will be on or around July 1, 2024 in which to contact the City regarding your interest in consultation. Please contact me to initiate consultation at bchow@montereyparkca.gov.

Sincerely,

Beth Chow, AICP
Planning Manager

Attachment: Project Site Map



Project Site Map
1977 Saturn Street Project

NOT TO SCALE

Kimley»Horn

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City Clerk
Maychelle Yee

City Treasurer
Amy Lee

May 30, 2024

Gabrielino Tongva Indians of California Tribal Council
Robert Dorame
Chairperson
PO Box 490
Bellflower, CA 90707

Subject: AB 52 Native American Consultation for the 1977 Saturn Data Center, Monterey Park, Los Angeles County, California.

Dear Mr. Dorame:

The City of Monterey Park (City) is requesting your review of the 1977 Saturn Data Center (project) within the City limits, Los Angeles County, California to determine if formal consultation is appropriate pursuant to Public Resource Code Section 21080.3.2(b) and 21074(a)(1)(A)-(B) (Assembly Bill [AB] 52). The City is the lead agency for the project. The project is located generally at 1977 Saturn Street on an approximately 15.8-acre lot (the project site). The project site has been previously developed with a split level two-story existing commercial professional office building, which is currently vacant. The existing building on the project site is approximately 205,628 square feet and includes an asphalt paved surface parking lot with 847 parking spaces, two points of vehicular ingress and egress to the project site from Saturn Street; one at the west and the another at the east end of the property. There are mature trees and landscaping that surround the property site to the east, west, and north. The applicant proposes to demolish the existing site improvements and construct a new state-of-the art data processing facility on the site with ancillary equipment yard, substation, parking and landscaping generally within the existing improved areas of the site. The proposed project includes two driveways located along Saturn Street, similar to the existing building driveways. The proposed project would include 109,970 square feet of data hall space and approximately 92,000 square feet of support space, consisting of office, loading dock, storage, mechanical/electrical/fiber entry rooms, and other ancillary uses.

We are requesting that you advise the City at the earliest possible time of your interest in consulting. Under the provisions of AB 52, you have 30 days from the date of receipt of this notice, which will be on or around July 1, 2024 in which to contact the City regarding your interest in consultation. Please contact me to initiate consultation at bchow@montereyparkca.gov.

Sincerely,

Beth Chow, AICP
Planning Manager

Attachment: Project Site Map



Project Site Map
1977 Saturn Street Project

NOT TO SCALE

Kimley»Horn

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Jose Sanchez
Thomas Wong
Yvonne Yiu

City Clerk
Maychelle Yee

City Treasurer
Amy Lee

May 30, 2024

Gabrielino/Tongva Nation
Sandonne Goad
Chairperson
106 ½ Judge John Aiso St.,
#231
Los Angeles, CA 90012

Subject: AB 52 Native American Consultation for the 1977 Saturn Data Center, Monterey Park, Los Angeles County, California.

Dear Chairperson Goad:

The City of Monterey Park (City) is requesting your review of the 1977 Saturn Data Center (project) within the City limits, Los Angeles County, California to determine if formal consultation is appropriate pursuant to Public Resource Code Section 21080.3.2(b) and 21074(a)(1)(A)-(B) (Assembly Bill [AB] 52). The City is the lead agency for the project. The project is located generally at 1977 Saturn Street on an approximately 15.8-acre lot (the project site). The project site has been previously developed with a split level two-story existing commercial professional office building, which is currently vacant. The existing building on the project site is approximately 205,628 square feet and includes an asphalt paved surface parking lot with 847 parking spaces, two points of vehicular ingress and egress to the project site from Saturn Street; one at the west and the another at the east end of the property. There are mature trees and landscaping that surround the property site to the east, west, and north. The applicant proposes to demolish the existing site improvements and construct a new state-of-the art data processing facility on the site with ancillary equipment yard, substation, parking and landscaping generally within the existing improved areas of the site. The proposed project includes two driveways located along Saturn Street, similar to the existing building driveways. The proposed project would include 109,970 square feet of data hall space and approximately 92,000 square feet of support space, consisting of office, loading dock, storage, mechanical/electrical/fiber entry rooms, and other ancillary uses.

We are requesting that you advise the City at the earliest possible time of your interest in consulting. Under the provisions of AB 52, you have 30 days from the date of receipt of this notice, which will be on or around July 1, 2024 in which to contact the City regarding your interest in consultation. Please contact me to initiate consultation at bchow@montereyparkca.gov.

Sincerely,

Beth Chow, AICP
Planning Manager

Attachment: Project Site Map



Project Site Map
1977 Saturn Street Project

NOT TO SCALE

Kimley»Horn

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May 30, 2024

Gabrielino/Tongva San Gabriel Band of Mission Indians
Anthony Morales
Chairperson
P.O. Box 693
San Gabriel, CA 91778

Subject: AB 52 Native American Consultation for the 1977 Saturn Data Center, Monterey Park, Los Angeles County, California.

Dear Mr. Morales:

The City of Monterey Park (City) is requesting your review of the 1977 Saturn Data Center (project) within the City limits, Los Angeles County, California to determine if formal consultation is appropriate pursuant to Public Resource Code Section 21080.3.2(b) and 21074(a)(1)(A)-(B) (Assembly Bill [AB] 52). The City is the lead agency for the project. The project is located generally at 1977 Saturn Street on an approximately 15.8-acre lot (the project site). The project site has been previously developed with a split level two-story existing commercial professional office building, which is currently vacant. The existing building on the project site is approximately 205,628 square feet and includes an asphalt paved surface parking lot with 847 parking spaces, two points of vehicular ingress and egress to the project site from Saturn Street; one at the west and the another at the east end of the property. There are mature trees and landscaping that surround the property site to the east, west, and north. The applicant proposes to demolish the existing site improvements and construct a new state-of-the art data processing facility on the site with ancillary equipment yard, substation, parking and landscaping generally within the existing improved areas of the site. The proposed project includes two driveways located along Saturn Street, similar to the existing building driveways. The proposed project would include 109,970 square feet of data hall space and approximately 92,000 square feet of support space, consisting of office, loading dock, storage, mechanical/electrical/fiber entry rooms, and other ancillary uses.

We are requesting that you advise the City at the earliest possible time of your interest in consulting. Under the provisions of AB 52, you have 30 days from the date of receipt of this notice, which will be on or around July 1, 2024 in which to contact the City regarding your interest in consultation. Please contact me to initiate consultation at bchow@montereyparkca.gov.

Sincerely,

Beth Chow, AICP
Planning Manager

Attachment: Project Site Map



Project Site Map
1977 Saturn Street Project

NOT TO SCALE

Kimley»Horn

CITY OF MONTEREY PARK
320 West Newmark Avenue • Monterey Park • California 91754-2896
www.MontereyPark.ca.gov

City Council
Henry Lo
Vinh T. Ngo
Jose Sanchez
Thomas Wong
Yvonne Yiu

City Clerk
Maychelle Yee

City Treasurer
Amy Lee

May 30, 2024

Soboba Band of Luiseno Indians
Joseph Ontiveros
Cultural Resource Department
PO Box 487
San Jacinto, CA 92581

Subject: AB 52 Native American Consultation for the 1977 Saturn Data Center, Monterey Park, Los Angeles County, California.

Dear Mr. Ontiveros:

The City of Monterey Park (City) is requesting your review of the 1977 Saturn Data Center (project) within the City limits, Los Angeles County, California to determine if formal consultation is appropriate pursuant to Public Resource Code Section 21080.3.2(b) and 21074(a)(1)(A)-(B) (Assembly Bill [AB] 52). The City is the lead agency for the project. The project is located generally at 1977 Saturn Street on an approximately 15.8-acre lot (the project site). The project site has been previously developed with a split level two-story existing commercial professional office building, which is currently vacant. The existing building on the project site is approximately 205,628 square feet and includes an asphalt paved surface parking lot with 847 parking spaces, two points of vehicular ingress and egress to the project site from Saturn Street; one at the west and the another at the east end of the property. There are mature trees and landscaping that surround the property site to the east, west, and north. The applicant proposes to demolish the existing site improvements and construct a new state-of-the art data processing facility on the site with ancillary equipment yard, substation, parking and landscaping generally within the existing improved areas of the site. The proposed project includes two driveways located along Saturn Street, similar to the existing building driveways. The proposed project would include 109,970 square feet of data hall space and approximately 92,000 square feet of support space, consisting of office, loading dock, storage, mechanical/electrical/fiber entry rooms, and other ancillary uses.

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Sincerely,

Beth Chow, AICP
Planning Manager

Attachment: Project Site Map



Project Site Map
1977 Saturn Street Project

NOT TO SCALE

Kimley»Horn

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Maychelle Yee

City Treasurer
Amy Lee

May 30, 2024

Santa Rosa Band of Cahuilla Indians
Lovina Redner
Tribal Chair
PO Box 391820
Anza, CA 92539

Subject: AB 52 Native American Consultation for the 1977 Saturn Data Center, Monterey Park, Los Angeles County, California.

Dear Ms. Redner:

The City of Monterey Park (City) is requesting your review of the 1977 Saturn Data Center (project) within the City limits, Los Angeles County, California to determine if formal consultation is appropriate pursuant to Public Resource Code Section 21080.3.2(b) and 21074(a)(1)(A)-(B) (Assembly Bill [AB] 52). The City is the lead agency for the project. The project is located generally at 1977 Saturn Street on an approximately 15.8-acre lot (the project site). The project site has been previously developed with a split level two-story existing commercial professional office building, which is currently vacant. The existing building on the project site is approximately 205,628 square feet and includes an asphalt paved surface parking lot with 847 parking spaces, two points of vehicular ingress and egress to the project site from Saturn Street; one at the west and the another at the east end of the property. There are mature trees and landscaping that surround the property site to the east, west, and north. The applicant proposes to demolish the existing site improvements and construct a new state-of-the art data processing facility on the site with ancillary equipment yard, substation, parking and landscaping generally within the existing improved areas of the site. The proposed project includes two driveways located along Saturn Street, similar to the existing building driveways. The proposed project would include 109,970 square feet of data hall space and approximately 92,000 square feet of support space, consisting of office, loading dock, storage, mechanical/electrical/fiber entry rooms, and other ancillary uses.

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Sincerely,

Beth Chow, AICP
Planning Manager

Attachment: Project Site Map



Project Site Map
1977 Saturn Street Project

NOT TO SCALE

Kimley»Horn

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Yvonne Yiu

City Clerk
Maychelle Yee

City Treasurer
Amy Lee

May 30, 2024

Gabrielino Band of Mission Indians – Kizh Nation
Andrew Salas
Chairperson
P.O. Box 393
Covina, CA 91723

Subject: AB 52 Native American Consultation for the 1977 Saturn Data Center, Monterey Park, Los Angeles County, California.

Dear Mr. Salas:

The City of Monterey Park (City) is requesting your review of the 1977 Saturn Data Center (project) within the City limits, Los Angeles County, California to determine if formal consultation is appropriate pursuant to Public Resource Code Section 21080.3.2(b) and 21074(a)(1)(A)-(B) (Assembly Bill [AB] 52). The City is the lead agency for the project. The project is located generally at 1977 Saturn Street on an approximately 15.8-acre lot (the project site). The project site has been previously developed with a split level two-story existing commercial professional office building, which is currently vacant. The existing building on the project site is approximately 205,628 square feet and includes an asphalt paved surface parking lot with 847 parking spaces, two points of vehicular ingress and egress to the project site from Saturn Street; one at the west and the another at the east end of the property. There are mature trees and landscaping that surround the property site to the east, west, and north. The applicant proposes to demolish the existing site improvements and construct a new state-of-the art data processing facility on the site with ancillary equipment yard, substation, parking and landscaping generally within the existing improved areas of the site. The proposed project includes two driveways located along Saturn Street, similar to the existing building driveways. The proposed project would include 109,970 square feet of data hall space and approximately 92,000 square feet of support space, consisting of office, loading dock, storage, mechanical/electrical/fiber entry rooms, and other ancillary uses.

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Sincerely,

Beth Chow, AICP
Planning Manager

Attachment: Project Site Map



Project Site Map
1977 Saturn Street Project

NOT TO SCALE

Kimley»Horn

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City Treasurer
Amy Lee

May 30, 2024

Soboba Band of Luiseno Indians
Isaiah Vivanco
Chairperson
PO Box 487
San Jacinto, CA 92581

Subject: AB 52 Native American Consultation for the 1977 Saturn Data Center, Monterey Park, Los Angeles County, California.

Dear Mr. Vivanco:

The City of Monterey Park (City) is requesting your review of the 1977 Saturn Data Center (project) within the City limits, Los Angeles County, California to determine if formal consultation is appropriate pursuant to Public Resource Code Section 21080.3.2(b) and 21074(a)(1)(A)-(B) (Assembly Bill [AB] 52). The City is the lead agency for the project. The project is located generally at 1977 Saturn Street on an approximately 15.8-acre lot (the project site). The project site has been previously developed with a split level two-story existing commercial professional office building, which is currently vacant. The existing building on the project site is approximately 205,628 square feet and includes an asphalt paved surface parking lot with 847 parking spaces, two points of vehicular ingress and egress to the project site from Saturn Street; one at the west and the another at the east end of the property. There are mature trees and landscaping that surround the property site to the east, west, and north. The applicant proposes to demolish the existing site improvements and construct a new state-of-the art data processing facility on the site with ancillary equipment yard, substation, parking and landscaping generally within the existing improved areas of the site. The proposed project includes two driveways located along Saturn Street, similar to the existing building driveways. The proposed project would include 109,970 square feet of data hall space and approximately 92,000 square feet of support space, consisting of office, loading dock, storage, mechanical/electrical/fiber entry rooms, and other ancillary uses.

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Sincerely,

Beth Chow, AICP
Planning Manager

Attachment: Project Site Map



Project Site Map
1977 Saturn Street Project

NOT TO SCALE

Kimley»Horn

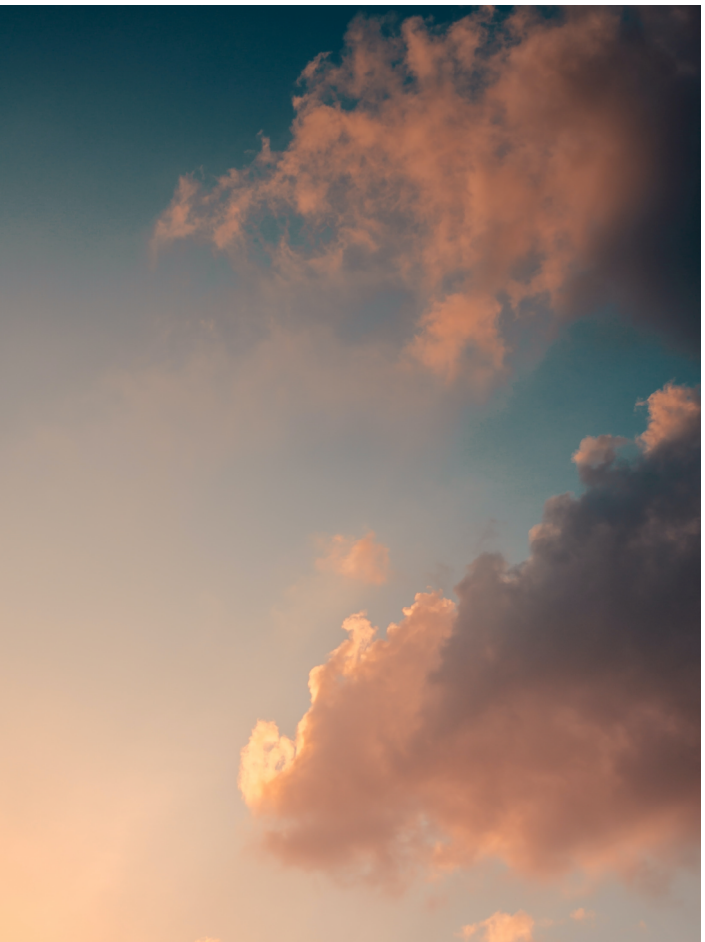
Appendix M-1

Water and Sewer Infrastructure Report

Kimley»Horn







Monterey Park Data Center

Water and Sewer Infrastructure Assessment Report

Prepared for:

SDCF MONTEREY PARK, LLC

660 Steamboat Road

Greenwich, CT 06830

Project Manager: Andy Willrodt, PE

Date Prepared: May 2024

FUSCOE ENGINEERING, INC.
600 Wilshire Blvd, Suite 1470
Los Angeles, California 90017

fuscoe.com

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Attachment A – LACSD Will-Serve Letter & Sewer Loading Table

Attachment B – Estimated Total Water Usage (ETWU) Calculations

Attachment C – Tait Assessment of Water Availability

Attachment D – Fire Flow Test

Attachment E – Water & Sewer Maps

Attachment F – Sewer Flow-Depth Calculations

1. INTRODUCTION

1.1 PROJECT DESCRIPTION

The proposed Monterey Park Data Center Project ("Project") will redevelop a 15.83-acre lot (5.05 acre gross and buildable area) at 1977 Saturn Street, Monterey Park, located northwest of the intersection of Saturn Street and Orange Avenue ("Project Site") in the City of Monterey Park (City), within the County of Los Angeles. The Project site is bounded by Saturn Street to the south, Orange Avenue to the east, and a Southern California Edison transmission line easement to the northwest. Additionally, there is a City of Monterey Park Water Department lot (La Loma Reservoir) due north, single family homes to the northwest, and an existing office park to the east.

The proposed development will consist of an approximately 218,400± square foot rectangular building located along the southern portion of the site, along Saturn Street, with an adjacent equipment yard directly north of the building, and a substation to the northeast. A western and eastern entryway connecting the development to Saturn Street are proposed, with a fire lane wrapping around the building and equipment yard. Parking stalls are planned to be located north, east and west of the building and equipment yard. An electrical substation is also planned, with the current location north of the equipment yard. The proposed data center land usage is technology, and will be used to both house computer systems, and also for IT and associated staff to work on the systems. The HVAC system will be air-cooled, and the water consumption for HVAC operations is expected to be negligible. The data center will provide 68 parking spaces.



Vicinity Map

1.2 SCOPE OF WORK

The purpose of this report is to analyze the potential changes in water and wastewater demand as a result of the Project, and identify any necessary changes to on- or off-site infrastructure. The current location of existing water and wastewater infrastructure and analysis of potential Project demands related to this infrastructure are discussed in this technical report.

2. REGULATORY FRAMEWORK

2.1 WATER

The Project site receives water supply from the San Gabriel Valley Municipal Water District, the primary water purveyor for the City. The San Gabriel Valley Municipal Wate District is a public agency, of which the City of Monterey Park is a member. As the primary supplier of water to the City, the San Gabriel Valley Municipal Water District must comply with all applicable regulations at the State and Federal level.

Applicable regulations affecting the San Gabriel Valley Municipal Water District as a supplier of water include efficiency requirements, such as California Code of Regulations (CCR) Title 20, Chapter 4, Article 4, Section 1605, which requires all new plumbing fixtures to adhere to efficiency requirements, and CCR Title 24, Part 11, which requires a water use reduction of 20% above baseline for all homes, commercial, and state buildings.

The regulations also include reporting requirements, such as California Urban Water Management Planning Act (1984) and Senate Bill (SB) 610. The California Urban Water Management Planning Act requires that municipalities and other water suppliers must create an updated Urban Water Management Plan (UWMP) every five years, outlining anticipated trends in supply and demand for the planning period. The City of Monterey Park's most recent UWMP update was in 2020 and identified adequate supplies to match modeled demands through 2040. SB 610 required water suppliers to submit a Water Supply Assessment (WSA) for all projects that propose over 500 residential dwelling units, 500,000 square feet of commercial floor space, or employ over 1,000 individuals or the equivalent water usage. A WSA will not be required for the Project as this will be a non-residential development, the proposed business establishment will have less than 500,000 square feet of floor space, and the new development is expected to employ fewer than 1,000 individuals, based on a proposed parking space count of 68.

2.2 WASTEWATER

The Project site falls under the local authority of the City of Monterey Park (City), along with the Los Angeles County Sanitation Districts (LACSD). The City of Monterey Park requires that for proposed connections being made to a City line, a sewer capacity analysis will be required. The City does not provide will-serve letters for new sewer connections prior to a sewer study/flow capacity analysis for projects and payment of fees. For the sewer analysis, the developers are typically required to conduct flow monitoring of sewer manholes downstream of the proposed development area to verify flow depths in the system at select locations. The selected manhole monitoring locations will be determined by the City once all fees are paid.

LACSD consists of 24 independent special districts in Los Angeles County. The Project is located within LACSD's District No. 2 jurisdictional boundary, and within the service area of the A.K. Warren Water Resource Facility. The Warren Facility, owned and operated by LACSD, currently provides primary and secondary treatment for a design capacity of 400 million gallons of wastewater per day (mgd), and serves over 4.8 million residents, businesses and industries. The Warren Facility currently provides both primary and secondary treatment for approximately 237 million gallons of wastewater per day. A will-serve letter has been received from LACSD, and is included in Attachment A.

LACSD is empowered by the California Health and Safety Code to charge a fee to connect facilities (indirectly or directly) to the Districts' Sewerage System or to increase the strength or quantity of wastewater discharged from connected facilities.

3. EXISTING CONDITION

3.1 WATER

3.1.1 DOMESTIC INFRASTRUCTURE

The City of Monterey Park Public Works Department, Engineering Division owns and maintains all water infrastructure, including on-site and off-site facilities. Regarding offsite water infrastructure, there is an existing 12" water main running south on Orange Avenue to Saturn Street per drawing D-844 and an existing 12" water main running west on Saturn Street to Atlas Avenue/Potrero Grande Drive per drawings D-844, D-673 (drawing missing from City records), and D-655. There is also an existing 8" water line running east from the intersection of Orange Avenue and Saturn Street to Potrero Grande Drive. Please see Attachment E for map showing existing water lines.

The City also owns and maintains onsite water infrastructure, within an easement. There is an existing City-owned 12" water line starting at the southerly drive entry and running north through the northerly property line per drawing D-673 (missing from City records but included in atlas map). There is also an existing City-owned 8" water line that tees off the existing 12" line and runs east through site and then southeasterly through the northerly drive entry to connect back with the 12" line in Saturn Street.

Table 1 shows the estimated existing water demand for the Project Site, with demands based on 120% of the Los Angeles County Sanitation Districts (LACSD) wastewater generation factors[1]. The LASCD sewer loading table is included in Attachment A. The water demand estimate is appropriate to account for any additional water demand for possible minor losses on-site, such as water use due to human consumption (cooking, drinking, watering indoor plants, evaporation), that would deviate from the LACSD sewage generation factors. Therefore, 120% of the standard generation factor was used for the existing condition water demand estimates. The Estimated Total Water Usage (ETWU) equation is used for landscaping which is assumed to be 30% of the site. The ETWU calculation for landscaping is included as Attachment B.

[1]Loading for each class of land use. Found here:
https://www.lacsd.org/home/showpublisheddocument/3644/637644575489800000

Table 1 – Estimated Existing Water Demand

Land Use	Units or Square Footage	**Est Avg. Daily Flow Factor (gal/1000 SF gross area)[1]**	Total **Water Generation** (gpd)
Bldg. 1 (2-story; office)	41,100	240	9,864
Bldg. 1 (2-story, utility)	164,528	30	4,936
Bldg. 2 (utility)	3.936	30	118
Landscaping	206,867 sf	ETWU Method[2]	14,151
Total Existing Water Demand to be Removed			29,069 GPD

Notes

[1] Based on 120% of the sewer generation factors from the "Loading for each class of land use" from LASD (See Footnote 1).

[2] Demand based on ETWU equation: (Eto*plant factor*landscaped area* 0.62)/irrigation efficiency. Utilizing CIMIS Reference Evapotranspiration Zones Map ET of 46.6 in/yr, and a conservative plant factor of 0.7 and irrigation efficiency of 0.81 proposed condition.

3.1.2 FIRE INFRASTRUCTURE

There are currently three (3) public onsite fire hydrants within an easement, and four (4) public offsite fire hydrants surrounding the site. All hydrants, onsite and offsite, are owned and maintained by the City of Monterey Park.

3.2 WASTEWATER

3.2.1 EXISTING INFRASTRUCTURE

The City's sanitary sewer system is a gravity-flow system connecting to seven County Sanitation District (LACSD) trunk lines. These City lines collect more than two billion gallons of raw sewage annually and convey it out of the City. These lines are monitored and evaluated to determine if repairs or additional lines are warranted as the City grows. The City's sewer system is comprised of 126 miles of main line sewers ranging in size from 8" to 15" pipe and approximately 2,498 sewer manholes. Please see Attachment E for map showing existing sewer lines.

The wastewater flows originating from the Project site discharge to a City of Monterey Park sewer line in Saturn Street. From there, the wastewater is conveyed westerly to the Districts' Garfield Trunk Sewer, located in Wilcox Avenue, just south of Pomona Boulevard. The Districts' 12" diameter trunk sewer has a capacity of 1.8 million gallons per day (mgd), and conveyed a peak flow of 0.5 mgd when last measured in 2016.

The wastewater generated by the proposed Project will be treated by the Districts' A.K Warren Water Resource Facility (formerly known as the Joint Pollution Control Plant), located in the city of Carson. This facility has a capacity of 400 mgd, and currently processes an average flow of 237 mgd.

Table 2 shows the estimated existing wastewater generation for the Project Site, based on Project Site elements, and using LACSD wastewater generation factors.

Table 2 - Estimated Existing Wastewater Generation

Land Use	Units or Square Footage	**Est Avg. Daily Sewage Flow Factor (gal/1000 SF gross area)[1]**	Total **Wastewater Generation** (gpd)
Bldg. 1 (2-story; office)	41,100	200	8,220
Bldg. 1 (2-story, utility)	164,528	25	4,113
Bldg. 2 (utility)	3,936	25	98
Total	209,564		12,432
Total Existing Wastewater Demand to be Removed			12,432 GPD

4. METHODOLOGY

4.1 WATER

This report analyzes the potential effects of the Project on the existing public water infrastructure by comparing the estimated Project water demand with the calculated available supply. Existing water demand estimates are approximately 20% higher than those for sewer demand to account for any additional water demand due to human consumption, such as watering of indoor plants, drinking, and evaporation. Additional proposed water demands as a result of proposed landscaping features were calculated using the Estimated Total Water Use Equation (ETWU) following the methodology conducted as part of the Project's Water Consumption Analysis Report.

Based on available site and occupancy information, per the Tait Assessment of Water Availability included in Attachment C, Tait evaluated the availability of adequate water supply and pressures for the proposed Project and confirmed that the system has adequate capacity to deliver water to the Project for domestic and fire suppression scenarios. A fire flow test was provided and is included in Attachment D. The fire flow requirements were calculated per the California Building Code Table B105.1(2) relating to site fire protection. The Project requires 25% of 8,000 gpm for sprinklered buildings of Type V building construction. This means the Project requires 2,000 gpm at the furthest, most elevated fire hydrants along the relocated onsite 8" water line. The Tait report hence analyzed two (2) proposed hydrants along the relocated 8" water line each flowing at 1000 gpm at a minimum of 20 psi (pounds per square inch). After running a WaterCAD analysis, Tait concluded that each fire hydrant would have a residual pressure of 65 psi; therefore, it was concluded that a relocated 8" water main onsite tied into the existing public 12" water lines in Saturn Street and onsite will have plenty of capacity to provide domestic and fire suppression services.

4.2 WASTEWATER

This report also analyzes the potential increases of the Project's wastewater on the existing public sewer infrastructure by comparing the estimated Project's sewer loading with the estimated loading on the existing facilities. LACSD sewer generation factors have been utilized to estimate existing and proposed sewer flows. A will-serve letter has been received from LACSD, confirming the net additional wastewater amount, and that capacity is available in the trunk line and treatment facility to accommodate the additional sewer loading.

5. PROJECT DEMANDS

5.1 CONSTRUCTION

5.1.1 WATER

During construction, water will be required intermittently for dust control, equipment cleaning, soil grading and preparation during the early phases of the Project. The latter phases of construction normally require less water usage. Since water usage during construction is typically less demanding than the water usage for the proposed Project, it is anticipated that existing water infrastructure would meet the limited, temporary water demand associated with construction of the Project, and that the water purveyor is able to provide water during construction.

It is anticipated that the Project may require construction of new lateral connections (services) to existing water lines and/or relocation of the existing 8" waterline within the site. Construction impacts associated with the installation of water services would primarily involve trenching in order to place the lines sufficiently below the ground surface. When considering impacts resulting from the installation of any required water infrastructure, all impacts are of a relatively short-term duration (i.e., weeks to months) and would cease to occur once the installation is complete. Installation of new or relocation of existing water infrastructure will be limited to on-site water distribution, and minor off-site work associated with connections to the public main. No upgrades to public water mains, other than onsite infrastructure, are anticipated. Prior to ground disturbance, Project contractors would coordinate with City of Monterey Park to identify the locations and depth of all lines.

5.1.2 WASTEWATER

Construction activities for the Project could result in temporary wastewater generation on-site. However, such generation would be temporary and nominal (insignificant) when compared with the wastewater generated by the Project. In addition, construction workers would typically utilize portable restrooms and hand wash areas, which would not contribute to direct wastewater flows to the City's wastewater system. Thus, wastewater generation from Project construction activities is not anticipated to cause any measurable increase in wastewater flows.

Construction impacts associated with wastewater infrastructure would primarily be confined to trenching for miscellaneous utility lines and connections to public infrastructure. Installation of wastewater infrastructure will be limited to on-site wastewater distribution and minor off-site work associated with lateral connections to the existing City sewer main. Any work that may affect services to the existing sewer lines or impacts to LACSD facilities or plant will be coordinated with the City of Monterey Park Public Works Department, Engineering Division. Furthermore, construction management and access plans would ensure safe pedestrian access as well as emergency vehicle access and safe vehicle travel, Moreover, when considering impacts resulting from the installation of any required wastewater infrastructure, all impacts are of a relatively short-term duration and would cease to occur once the installation is complete.

5.2 OPERATION

5.2.1 WATER

5.2.1.1 WATER DEMAND

Based on the Project's proposed land uses, the Project's estimated water consumption is approximately 33,031 gallons per day (gpd). Alternatively, approximately 29,069 gpd of existing water demand will be removed, resulting in a net increased water demand of approximately 3,962 gpd over existing conditions. These demand numbers were calculated using 120% of LACSD wastewater generation factors as well as the ETWU equation for proposed landscaping. The Project site is assumed to be 30% pervious, or landscaped areas (similar to the existing conditions). A breakdown of these water demand calculations is provided in Table 3.

Table 3 – Estimated Proposed Water Demand

Land Use	Area (sf)	Avg. Generation Factor (gpd/unit)[1]	Total Water Generation (gpd)
Data Hall Center[2]	109,970 sf	30 gpd/1000 SF	3,299
Office (Network)[3]	1,750 sf	240 gpd/1000 SF	420
Office (Support)[3]	26,700 sf	240 gpd/1000 SF	6,408
Office (Circulation)[3]	16,542 sf	240 gpd/1000 SF	3,970
Ancillary (Elec.)[2]	23,976 sf	30 gpd/1000 SF	719
Ancillary (Mech.)[2]	39,463 sf	30 gpd/1000 SF	1,184
Substation (service)[4]	24,000 sf	120 gpd/1000 SF	2,880
Landscaping	206,867 sf	ETWU Method[5]	14,151
Total Proposed Water Flow			**33,031**
Total Existing Water Flow to be Removed			**29,069**
Project Net Water Flow (Proposed –Existing to be Removed)			**+3,962**

Notes
[1] Based on 120% of the sewer generation factors from the "Loading for each class of land use" from Los Angeles County Sanitation Districts
[2] Assumes 'Warehouse' will be used for Data Hall Center, Mechanical Area, Electrical Areas
[3] Assumes 'Office Building' will be used for Office areas
[4] Assumes 'Service Station' will be used for Electrical Substation
[5] Demand based on Estimated Total Water Use equation: (Eto*plant factor*landscaped area* 0.62)/irrigation efficiency. Utilizing CIMIS Reference Evapotranspiration Zones Map ET of 46.6 in/yr, and a conservative plant factor of 0.7 and irrigation efficiency of 0.81 proposed condition.

City of Monterey Park 2020 Urban Water Management Plan (UWMP) projects water demands to increase from 8,671 acre-feet per year (AFY) in 2025 to 9,066 AFY in 2045 for dry years representing an increase in demand of 395 AFY and 8,421 acre-feet per year (AFY) in 2025 to 8,804 AFY in 2045 for normal years representing an increase in demand of 383 AFY. The proposed increase in demand from the Project of 3,962 gpd (4 AFY) represents approximately

1% of the total increase in demand from 2025 to 2045 in the UWMP. The UWMP also projects adequate supplies to meet all future demands.

5.2.1.2 DOMESTIC WATER DEMAND

When analyzing the Project for infrastructure capacity, the projected demands for both fire suppression and domestic water are considered. Although domestic water demand is the Project's main contributor to water consumption, fire flow demands have a much greater instantaneous impact on infrastructure, and therefore are the primary means for analyzing infrastructure capacity. Based on the analysis of site's fire demands and review of the resulting residual pressures from the *Tait Assessment of Water Availability* (included in Attachment C), it has been determined the existing water system at the Project site is more than adequate to handle the demands for fire suppression. Furthermore, the relocation of the existing 8" water line within the site is nearly negligible in terms of system pressure loss and will not adversely affect the public water system.

5.2.1.3 FIRE FLOW REQUIREMENTS

Per the fire flow test results and *Tait Assessment of Water Availability* in Attachment C, the existing water main infrastructure will have sufficient capacity to service the Project's fire demand requirements. In summary, per the California Building Code Table B105.1(2) relating to site fire protection, the Project requires 25% of 8,000 gpm for sprinklered buildings of Type V building construction. This means the Project requires 2,000 gpm at the furthest fire hydrants in the vicinity of the Project. The Tait report hence analyzed two (2) proposed hydrants along the relocated 8" public water line each flowing at 1000 gpm with an allowed minimum pressure of 20 psi. After running the WaterCAD analysis, Tait concluded that each fire hydrant would have a residual pressure of 65 psi; therefore, it was concluded that the relocated public 8" water main onsite that connects into the existing public 12" water line in Saturn Street will have plenty of capacity. Therefore, adequate fire flows can be provided to the Project by the existing and rerouted water infrastructure.

5.2.2 WASTEWATER

5.2.2.1 SEWER GENERATION AND INFRASTRUCTURE CAPACITY

The Project's estimated sewer flows are based on LACSD sewer flow factors. Consistent with the proposed uses and LASCD's generation factors, the Project's projected wastewater generation is approximately 15,734 gpd, representing a net increase in wastewater generation at the Project Site of approximately 3,302 gpd. A breakdown of these wastewater generation calculations is provided in Table 4.

Table 4 – Estimated Proposed Wastewater Generation

Land Use	Units	Avg. Generation Factor (gpd/unit)[1]	Total Wastewater Generation (gpd)
Data Hall Center[2]	109,970 sf	25 gpd/1000 SF	2,749
Office (Network)[3]	1,750 sf	200 gpd/1000 SF	350
Office (Support)[3]	26,700	200 gpd/1000 SF	5,340
Office (Circulation)[3]	16,542	200 gpd/1000 SF	3,308
Ancillary (Elec.)[2]	23,976 sf	25 gpd/1000 SF	599
Ancillary (Mech.)[2]	39,463 sf	25 gpd/1000 SF	987
Substation (service)[4]	24,000 sf	100 gpd/1000 SF	2,400
Total Proposed Wastewater Flow			**15,734**
Total Existing Wastewater Flow to be Removed			**12,432**
Project Net Wastewater Flow (Proposed –Existing to be Removed)			**+3,302**

Notes
[1] Based on 100% of the sewer generation factors from the "Loading for each class of land use" from Los Angeles County Sanitation Districts
[2] Assumes 'Warehouse' will be used for Data Hall Center, Mechanical Area, Electrical Areas
[3] Assumes 'Office Building' will be used for Office Areas
[4] Assumes 'Service Station' will be used for Substation

It is anticipated that the Project will be served by the existing 8" sewer line located in Saturn Street. The City of Monterey Park requires a sewer connection permit if connecting to a city system. The fees are utilized to cover any infrastructure improvements that would be required because of Project implementation.

Sewer flows generated within the City drain to LACSD wastewater infrastructure and are ultimately conveyed to the A.K. Warren Water Resource Facility. The A.K. Warren Water Resource Facility has a capacity of 400 mgd and currently processes an average flow of 243.1 mgd. The Project's estimated wastewater generation increase of 3,302 gpd or 0.004 mgd comprises less than 0.002 percent of the wastewater that is processed daily at the A.K. Warren Water Resource Facility.

A will-serve letter has been received from LACSD, confirming the estimated wastewater generation increase of 3,302 gpd, and is included in Attachment A.

6. CONCLUSION

6.1 WATER

The proposed Project results in a higher water demand as compared to existing conditions. However, as shown by the *Tait Assessment of Water Availability*, the fire flow requirements will be met with the existing water infrastructure and fire hydrants. The proposed Project will increase the domestic water demands for the site by 3,962 gpd (4 AFY), this represents approximately 1% of the total increase in water demand anticipated for the City of Monterey Park from 2025 to 2045, as identified in the 2020 UWMP for dry years.

Based on the above, it is anticipated that the City of Monterey Park will be able to supply the water demands associated with the Project and future growth.

6.2 WASTEWATER

The proposed Project will result in the additional generation of sewer flow of an estimated 3,302 gpd. The actual wastewater flowrate generated from the proposed project will be 15,734 gpd, which is equivalent to 11 gpm. As mentioned previously in this report, the wastewater generated from the proposed development will drain into the existing 8" sewer line in Saturn Street, which has a sewer flow capacity of approximately 225 gpm at a slope of 1% with 50% filled capacity. The flow-depth of the existing 8" sewer has been evaluated and confirmed that there is capacity in the existing adjacent sewer system to convey the wastewater flows that will be generated by the project. The calculations are included in Attachment F of this report. The results are presented in Table 5.

Table 5 – Existing 8" Sanitary Sewer in Saturn Street

	Wastewater Flows (GPD)	Wastewater Flows (GPM)	Wastewater Flows (CFS)	Sewer Flow Depth (inches)
Capacity of Existing Sewer @ 50%-Full	389,108	225	0.50	4.0
Sewer with Wastewater from Project	15,734	11	0.025	0.96

A will-serve letter has been received from LACSD, stating that their facilities have capacity to accept the wastewater flows that would be generated by the Project.

Based on these evaluations, no impacts related to the existing wastewater infrastructure are anticipated.

ATTACHMENTS

Attachment A – LACSD Will-Serve Letter

Attachment B – Estimated Total Water Usage (ETWU) Calculations

Attachment C – Tait Assessment of Water Availability

Attachment D – Fire Flow Test

Attachment E – Water & Sewer Maps

Attachment F – Sewer Flow-Depth Calculations

Attachment A – LACSD Will-Serve Letter & Sewer Loading Table

LOS ANGELES COUNTY
SANITATION DISTRICTS
Converting Waste Into Resources

Robert C. Ferrante
Chief Engineer and General Manager

1955 Workman Mill Road, Whittier, CA 90601-1400
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
(562) 699-7411 • www.lacsd.org

February 29, 2024

Ref. DOC 7161920

VIA EMAIL wstephens@fuscoe.com

Ms. Whitney Stephens
Stormwater Engineer
Fuscoe Engineering
15535 Sand Canyon, Suite 100
Irvine, CA 92618

Dear Ms. Stephens:

Will Serve Letter for 1977 Saturn Street

The Los Angeles County Sanitation Districts (Districts) received your will serve letter request for the subject project located in the City of Monterey Park on February 26, 2024. The proposed project is located within the jurisdictional boundary of District No. 2. We offer the following comments regarding sewerage service:

1. The wastewater flow originating from the proposed project will discharge to a local sewer line, which is not maintained by the Districts, for conveyance to the Districts' Garfield Avenue Trunk Sewer, located in Wilcox Avenue just south of Pomona Boulevard. The Districts' 12-inch diameter trunk sewer has a capacity of 1.8 million gallons per day (mgd) and conveyed a peak flow of 0.5 mgd when last measured in 2016.

2. The wastewater generated by the proposed project will be treated at the A.K. Warren Water Resource Facility (formerly known as the Joint Water Pollution Control Plant) located in the City of Carson, which has a capacity of 400 mgd and currently processes an average flow of 237 mgd.

3. The expected increase in average wastewater flow from the project, described in the application as a 220,000 square-foot data center building, is 3,302 gallons per day, after all structures on the project site are demolished. For a copy of the Districts' average wastewater generation factors, go to www.lacsd.org, under Services, then Wastewater Program and Permits and select Will Serve Program, and click on the Table 1, Loadings for Each Class of Land Use link.

4. The Districts are empowered by the California Health and Safety Code to charge a fee to connect facilities (directly or indirectly) to the Districts' Sewerage System or to increase the strength or quantity of wastewater discharged from connected facilities. This connection fee is used by the Districts for its capital facilities. Payment of a connection fee may be required before this project is permitted to discharge to the Districts' Sewerage System. For more information and a copy of the Connection Fee Information Sheet, go to www.lacsd.org, under Services, then Wastewater (Sewage) and select Rates & Fees. In determining the impact to the Sewerage System and applicable connection fees, the Districts will determine the user category (e.g. Condominium, Single Family Home, etc.) that best represents the actual or anticipated use of the parcel(s) or facilities on the parcel(s) in the development. For more specific information regarding the connection fee application procedure and fees, please contact the Districts' Wastewater Fee Public Counter at (562) 908-4288, extension 2727.

5. In order for the Districts to conform to the requirements of the Federal Clean Air Act (CAA), the capacities of the Districts' wastewater treatment facilities are based on the regional growth forecast adopted by the Southern California Association of Governments (SCAG). Specific policies included in the development of the SCAG regional growth forecast are incorporated into clean air plans, which are prepared by the South Coast and Antelope Valley Air Quality Management Districts in order to improve air quality in the South Coast and Mojave Desert Air Basins as mandated by the CAA. All expansions of Districts' facilities must be sized and service phased in a manner that will be consistent with the SCAG regional growth forecast for the counties of Los Angeles, Orange, San Bernardino, Riverside, Ventura, and Imperial. The available capacity of the Districts' treatment facilities will, therefore, be limited to levels associated with the approved growth identified by SCAG. As such, this letter does not constitute a guarantee of wastewater service, but is to advise the applicant that the Districts intend to provide this service up to the levels that are legally permitted and to inform the applicant of the currently existing capacity and any proposed expansion of the Districts' facilities.

If you have any questions, please contact the undersigned at (562) 908-4288, extension 2708 or at shirlywang@lacsd.org.

Very truly yours,

Shirly Wang

Shirly Wang
Customer Service Specialist
Facilities Planning Department

SW:sw

Los Angeles County Sanitation District

TABLE 1

LOADINGS FOR EACH CLASS OF LAND USE

DESCRIPTION	UNIT OF MEASURE	FLOW (Gallons Per Day)	COD (Pounds Per Day)	SUSPENDED SOLIDS (Pounds Per Day)
RESIDENTIAL				
Single Family Home	Parcel	260	1.22	0.59
Duplex	Parcel	312	1.46	0.70
Triplex	Parcel	468	2.19	1.05
Fourplex	Parcel	624	2.92	1.40
Condominiums	Parcel	195	0.92	0.44
Single Family Home (reduced rate)	Parcel	156	0.73	0.35
Five Units or More	No. of Dwlg. Units	156	0.73	0.35
Mobile Home Parks	No. of Spaces	156	0.73	0.35
COMMERCIAL				
Hotel/Motel/Rooming House	Room	125	0.54	0.28
Store	1000 ft^2	100	0.43	0.23
Supermarket	1000 ft^2	150	2.00	1.00
Shopping Center	1000 ft^2	325	3.00	1.17
Regional Mall	1000 ft^2	150	2.10	0.77
Office Building (office)	1000 ft^2	200	0.86	0.45
Professional Building	1000 ft^2	300	1.29	0.68
Restaurant	1000 ft^2	1,000	16.68	5.00
Indoor Theatre	1000 ft^2	125	0.54	0.28
Car Wash				
Tunnel - No Recycling	1000 ft^2	3,700	15.86	8.33
Tunnel - Recycling	1000 ft^2	2,700	11.74	6.16
Wand	1000 ft^2	700	3.00	1.58
Financial Institution	1000 ft^2	100	0.43	0.23
Service Shop	1000 ft^2	100	0.43	0.23
Animal Kennels	1000 ft^2	100	0.43	0.23
Service Station (service station)	1000 ft^2	100	0.43	0.23
Auto Sales/Repair	1000 ft^2	100	0.43	0.23
Wholesale Outlet	1000 ft^2	100	0.43	0.23
Nursery/Greenhouse	1000 ft^2	25	0.11	0.06
Manufacturing	1000 ft^2	200	1.86	0.70
Dry Manufacturing	1000 ft^2	25	0.23	0.09
Lumber Yard	1000 ft^2	25	0.23	0.09
Warehousing (utility)	1000 ft^2	25	0.23	0.09
Open Storage	1000 ft^2	25	0.23	0.09
Drive-in Theatre	1000 ft^2	20	0.09	0.05

TABLE 1
(continued)
LOADINGS FOR EACH CLASS OF LAND USE

DESCRIPTION	UNIT OF MEASURE	FLOW (Gallons Per Day)	COD (Pounds Per Day)	SUSPENDED SOLIDS (Pounds Per Day)
C O M M E R C I A L				
Night Club	1000 ft^2	350	1.50	0.79
Bowling/Skating	1000 ft^2	150	1.76	0.55
Club	1000 ft^2	125	0.54	0.27
Auditorium, Amusement	1000 ft^2	350	1.50	0.79
Golf Course, Camp, and Park (Structures and Improvements	1000 ft^2	100	0.43	0.23
Recreational Vehicle Park	No. of Spaces	55	0.34	0.14
Convalescent Home	Bed	125	0.54	0.28
Laundry	1000 ft^2	3,825	16.40	8.61
Mortuary/Cemetery	1000 ft^2	100	1.33	0.67
Health Spa, Gymnasium				
With Showers	1000 ft^2	600	2.58	1.35
Without Showers	1000 ft^2	300	1.29	0.68
Convention Center, Fairground, Racetrack, Sports Stadium/Arena	Average Daily Attendance	10	0.04	0.02
I N S T I T U T I O N A L				
College/University	Student	20	0.09	0.05
Private School	1000 ft^2	200	0.86	0.45
Church	1000 ft^2	50	0.21	0.11

Attachment B – Estimated Total Water Usage (ETWU) Calculations

Estimated Irrigation System Water Use						Historical Eto (in/yr) 46.6	
Landscape Area	Landscape Area (Acres)	Landscape Area (SF)	Plant Factor	Irrig. Efficiency	Gallons per year	Acre-Feet	gpd
Open Space	4.75	206,866.5	0.7	0.81	5,165,124	15.85	14,151.03

The comprehensive equation for calculating Estimated Total Water Use, including any SLAs, is given below.

$$ETWU = (ETo)(0.62)\left(\frac{PF\,x\,HA}{IE} + SLA\right)$$

Where:

ETWU = Estimated Total Water Use per year (gallons)
ETo = Reference Evapotranspiration (inches)
PF = Plant Factor from WUCOLS
HA = Hydrozone Area [high, medium, and low water use areas] (square feet)
SLA = Special Landscape Area (square feet)
0.62 = Conversion Factor
IE = Irrigation Efficiency (minimum 0.81 or 0.75)

Attachment C – Tait Assessment of Water Availability

TAIT
RISING TO THE CHALLENGE
701 N. Parkcenter Drive, Santa Ana, CA 92705
p:714/560/8200 www.tait.com

1977 SATURN STREET, MONTEREY PARK, CA
ASSESSMENT OF WATER AVAILABILITY
TAIT #SP8987

November 9, 2022

INTRODUCTION

The subject site is commercial redevelopment project in the city of Monterey Park. The project includes the construction of a 253,000 square foot building of type V construction with sprinklers and the relocation of an existing water line within the property. This study will analyze the site's water system to verify sufficient water pressure and flow for site fire protection.

SITE CONDITIONS AND ANALYSIS

The existing facility has a public water line looping through the site. A 12" main pipe feeds into the property from the north, where it tees within the parking field to a 12" line that continues south to the 12" main within Saturn Street and an 8" line that goes east around the building before turning south and connecting to the 12" main within Saturn Street. There are several connections to the 8" line that serve each building as well as fire hydrants spaced throughout the site. As part of the project, the building footprint will increase in size and the 8" water line will be relocated further way from the building within the parking field.

For this analysis existing flow and pressure at the site were determined from a Fire Hydrant Flow Test conducted by the City of Monterey Park Public Works Department on 11/1/202. The findings of this flow test were then used to create a model of the water pipe network in the immediate vicinity of the site using WaterCAD v8i by Bentley Systems, Inc.

For site fire protection, Table B105.1(2) of the California Building Code states that the site fire flow protection for a 253,000 square foot building of type V construction, is 25% of 8,000 gpm for sprinklered buildings, equal to 2,000 gpm. The model for the analysis represents the greatest pressure loss the system would experience with 2 of the furthest most elevated hydrants along the 8" line flowing 1,000 gpm each.

CAPACITY ASSESMENT AND CONCLUSION

Fire Flow Test Data

	Flow (gpm)	Pressure (psi)
Static Pressure	0	110
Residual Pressure	1417	95
Calculated @ 20 psi	3729	20

Worst Case Fire Hydrants – Greatest Site Protection Demand Scenario

	Service size	Demand (gpm)	Minimum Residual Pressure (psi)	Residual Pressure (psi)
H-1	6”	1000	20	65
H-2	6”	1000	20	65

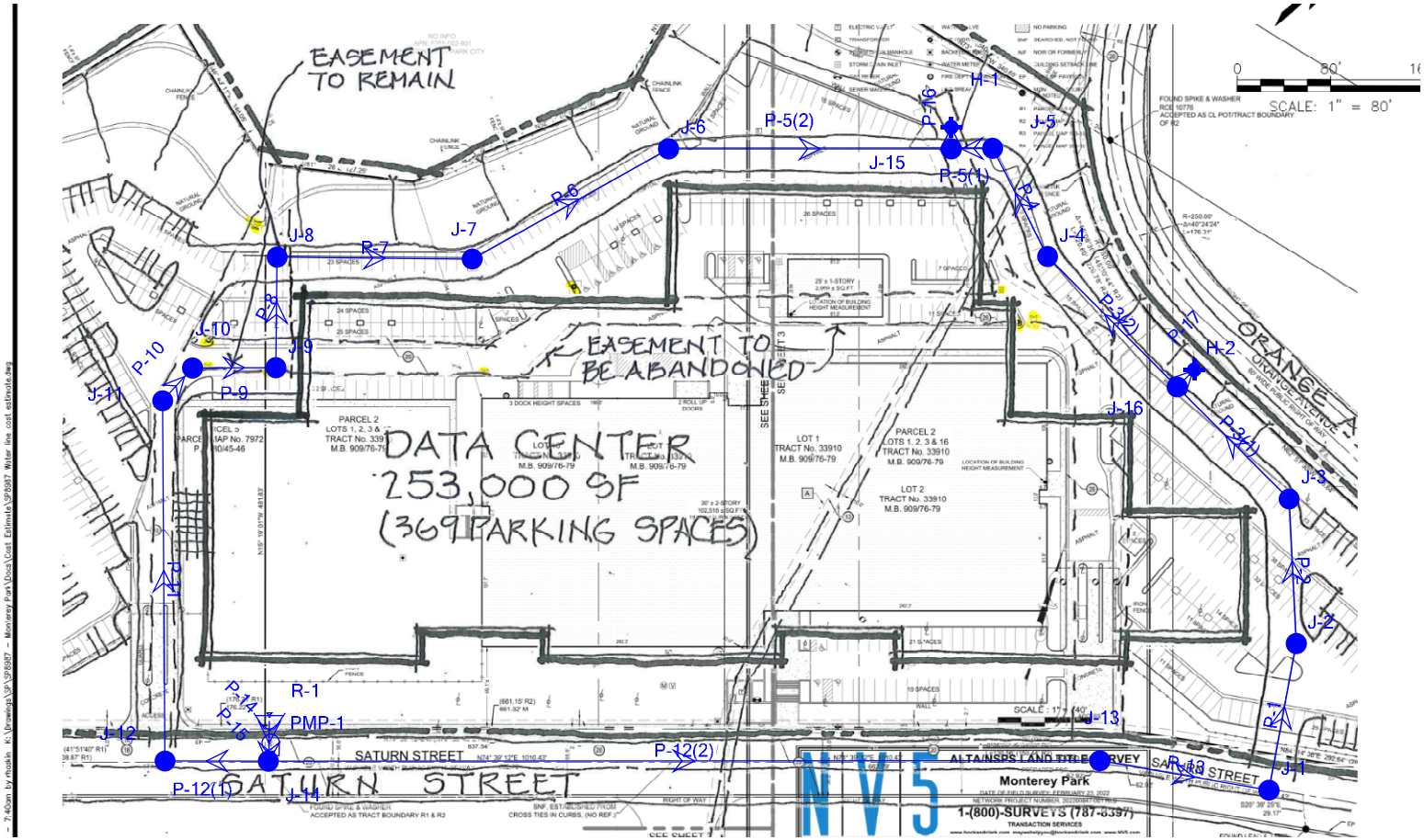
Based on the analysis of site water demands and review of the resulting residual pressures, it has been determined the existing water system at the project site is more than adequate to handle the demands for fire hydrant flow site protection. Furthermore, the relocation of the existing 8” water line within the site is nearly negligible in terms of system pressure loss and will not adversely affect the downstream public water system.

Ryan Haskin, P.E.
TAIT & Associates, Inc.

11/9/2022
DATE



Scenario: Base



FlexTable: Hydrant Table

ID	Label	Length (Hydrant Lateral) (ft)	Include Hydrant Lateral Loss?	Elevation (ft)	Demand (gpm)	Hydraulic Grade (ft)	Pressure (psi)
67	H-1	20	True	366.50	1,000	517.75	65
72	H-2	20	True	367.00	1,000	517.64	65

FlexTable: Pipe Table

Label	Length (Scaled) (ft)	Diameter (in)	Material	Hazen-Williams C	Flow (gpm)	Velocity (ft/s)	Pressure Loss (psi)
P-1	128	8.0	PVC	150.0	1,055	6.73	1.4
P-2	124	8.0	PVC	150.0	1,055	6.73	1.0
P-4	104	8.0	PVC	150.0	55	0.35	0.0
P-6	193	8.0	PVC	150.0	-945	6.03	1.1
P-7	167	8.0	PVC	150.0	-945	6.03	1.3
P-8	95	12.0	Asbestos Cement	140.0	-945	2.68	0.1
P-9	72	12.0	Asbestos Cement	140.0	-945	2.68	0.1
P-10	38	12.0	Asbestos Cement	140.0	-945	2.68	0.0
P-11	309	12.0	Asbestos Cement	140.0	-945	2.68	0.3
P-13	147	12.0	Asbestos Cement	140.0	1,055	2.99	0.2
P-14	20	48.0	Asbestos Cement	140.0	2,000	0.35	0.0
P-12(1)	89	12.0	Asbestos Cement	140.0	-945	2.68	0.1
P-12(2)	713	12.0	Asbestos Cement	140.0	1,055	2.99	0.9
P-15	14	48.0	Asbestos Cement	140.0	2,000	0.35	0.0
P-5(1)	36	8.0	PVC	150.0	55	0.35	0.0
P-5(2)	242	8.0	PVC	150.0	-945	6.03	1.4
P-16	19	6.0	PVC	150.0	1,000	11.35	1.6
P-3(1)	136	8.0	PVC	150.0	1,055	6.73	1.1
P-3(2)	158	8.0	PVC	150.0	55	0.35	0.0
P-17	21	6.0	PVC	150.0	1,000	11.35	1.6

FlexTable: Junction Table

Label	Elevation (ft)	Demand (gpm)	Hydraulic Grade (ft)	Pressure (psi)
J-1	360.00	0	531.83	74
J-2	360.00	0	528.68	73
J-3	360.00	0	526.27	72
J-4	360.00	0	523.66	71
J-5	361.00	0	523.65	70
J-6	355.00	0	526.92	74
J-7	347.00	0	529.47	79
J-8	344.00	0	532.52	82
J-9	342.00	0	532.76	83
J-10	342.00	0	533.09	83
J-11	342.00	0	533.18	83
J-12	340.00	0	533.99	84
J-13	359.00	0	532.29	75
J-14	340.00	0	534.30	84
J-15	360.23	0	523.65	71
J-16	360.00	0	523.67	71

FlexTable: Reservoir Table

ID	Label	Elevation (ft)	Zone	Flow (Out net) (gpm)	Hydraulic Grade (ft)
56	R-1	346.00	<None>	2,000	346.00

FlexTable: Pump Table

Label	Elevation (ft)	Pump Definition	Hydraulic Grade (Suction) (ft)	Hydraulic Grade (Discharge) (ft)	Flow (Total) (gpm)	Pump Head (ft)
PMP-1	346.10	Connection pressure loss curve	346.00	534.30	2,000	188.30

Pump Definition Detailed Report: Connection pressure loss curve

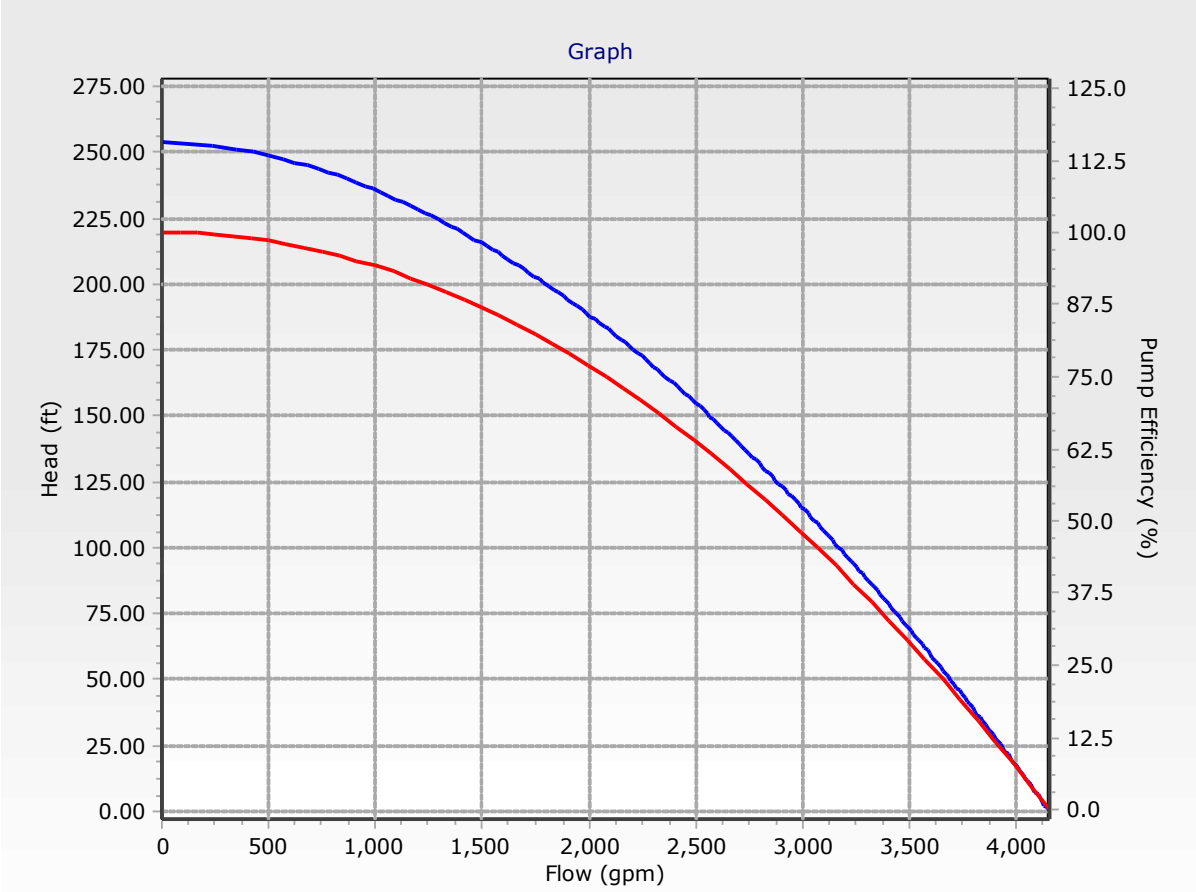
Element Details			
ID	63	Notes	
Label	Connection pressure loss curve		

Pump Definition Type			
Pump Definition Type	Standard (3 Point)	Design Head	219.20 ft
Shutoff Flow	0 gpm	Maximum Operating Flow	3,729 gpm
Shutoff Head	253.80 ft	Maximum Operating Head	46.20 ft
Design Flow	1,417 gpm		

Pump Efficiency Type			
Pump Efficiency Type	Best Efficiency Point	Motor Efficiency	100.0 %
BEP Efficiency	100.0 %	Is Variable Speed Drive?	False
BEP Flow	0 gpm		

Transient (Physical)			
Inertia (Pump and Motor)	0.000 lb·ft²	Specific Speed	SI=25, US=1280
Speed (Full)	0 rpm	Reverse Spin Allowed?	True

Pump Definition Detailed Report: Connection pressure loss curve



City of Monterey Park
320 West Newmark Avenue
Monterey Park, CA 91754

Public Works Department
Water Utility Division
Fire Flow Test Data

Project Address:	1977 Saturn St.
Test Date:	11/1/22
Test Outlet Size:	**2.5"**

Static Pressure:	110	**P.S.I.**
Residual Pressure:	95	**P.S.I.**
Pilot Tube Reading:	72	**P.S.I.**
Observed Flow:	1417	**G.P.M.**

Main Diameter:	**12" A.C.P.**
Flow Opening:	**2.5"**

Calculated Flow @ 20 P.S.I.	3729	**G.P.M.**

Test Performed by:	Josue Varela	Herman Magana

Telephone Number:	**(626) 307-1294**
Distribution Crew Supervisor:	**Jorge Medina**

Jorge Medina, Distribution Crew Supervisor

S:\WATER\Distribution Section\DClark\BILLING\Fire Flow Log\1977 Saturn St..doc

Attachment D – Fire Flow Test

City of Monterey Park
320 West Newmark Avenue
Monterey Park, CA 91754

Public Works Department
Water Utility Division
Fire Flow Test Data

Project Address:	1977 Saturn St.
Test Date:	11/1/22
Test Outlet Size:	**2.5"**

Static Pressure:	110	**P.S.I.**
Residual Pressure:	95	**P.S.I.**
Pilot Tube Reading:	72	**P.S.I.**
Observed Flow:	1417	**G.P.M.**

Main Diameter:	**12" A.C.P.**
Flow Opening:	**2.5"**

Calculated Flow @ 20 P.S.I.	3729	**G.P.M.**

Test Performed by:	Josue Varela	Herman Magana

Telephone Number:	**(626) 307-1294**
Distribution Crew Supervisor:	**Jorge Medina**

Jorge Medina, Distribution Crew Supervisor

S:\WATER\Distribution Section\DClark\BILLING\Fire Flow Log\1977 Saturn St..doc

Attachment E – Water & Sewer Maps

I-6

H-7

PROJECT SITE

PROJECT SITE

I-8

PLEASE SEE DETAIL BOTTOM RIGHT CORNER OF THIS SHEET

SEE C-159

SAN GABRIEL VALLEY WATER COMPANY MAP C-159-3

CURVE DATA
Δ=36°27'24"
R=240'
L=152.71'
T=79.04'

CURVE DATA
Δ=41°09'
R=240'
L=171.82'
T=89.78'

REV.	DATE
I-64	
4-72	
I-86	
6-88	
4-98	
12-09	

CITY OF MONTEREY PARK – WATER DIVISION

N
SCALE 1" = 100'

ATLAS SHEET No. I-7

I-7

PROJECT SITE

31125

BANK 1977

LLOYDS BANK

BANK 1980

UNION BANK

24 HRS. EMERGENCY PHONE NUMBER BEFORE SHUT DOWN (213) 720 - 2100

ORANGE AVENUE

SATURN STREET

GREENWOOD AVENUE

POTRERO GRANDE DRIVE

TRACT NO. 0063

PARKING LOT

FOR CONTINUATION OF PIPE SEE DWG. NO. M-738

J-7

H-8

ATLAS

REV. DATE	
7-64	
4-72	
6-72	
1-86	
6-89	
9-93	
2-95	

8" ZONE VALVE

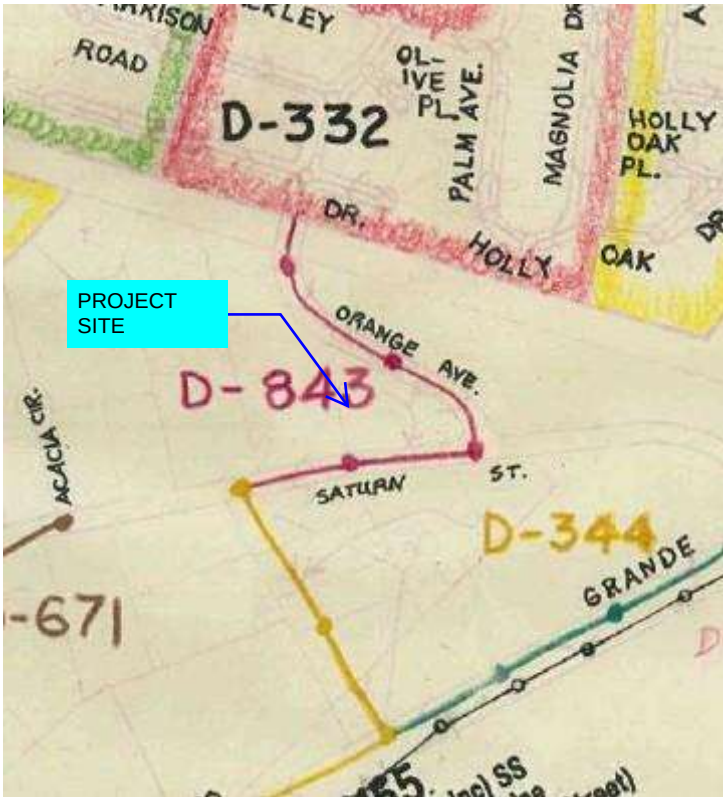
CITY OF MONTEREY PARK – WATER DIVISION

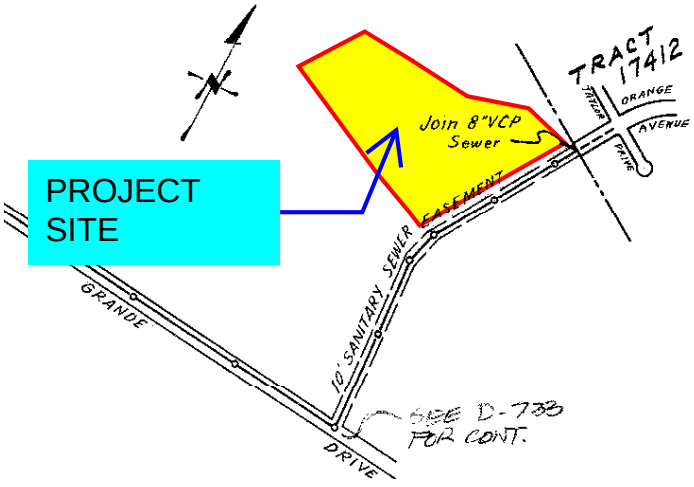
N

SCALE 1" = 100'

ATLAS SHEET No. I-8

Sewer Atlas Map





Attachment F – Sewer Flow-Depth Calculations

Monterey Park - Existing 8" Sewer in Saturn Street
Capacity at 50%-full

Cells that are highlighted can be changed

GIVEN:

Qgiven=	**0.500**	cfs	*<== Discharge*
n=	**0.014**		*<== Roughness coefficient*
S=	**0.0100**		*<== Slope V:H*
r=	**0.333**	ft	*<== Radius*

225 gpm

TRIAL DEPTH:

h=	**4.000**	in	*<== Vary this depth to get $Q_{assume} = Q_{given}$*
	0.333	ft	

CACULATIONS:

beta=	90.06	degree
R=	0.167	ft
C=	70.252	
V=	2.868	ft/sec
A=	0.174	sq. ft.
Q_{assume}=	0.500	cfs
$Q_{halffull}$ =	**0.50**	**cfs**

$Q_{3/4full}$ = 0.93 cfs

RESULT:

(Qgiven-Qassume) / Qgiven %= 0% **<======== OK**

Flow Depth (in) = 4.000

Capacity d/r = 100.10%

$Q_{capacity}$ = 0.500 cfs

Capacity $Q_{given}/Q_{capacity}$ = 99.92%

($Q_{halffull}$ =	0.50	**cfs**	**($Q_{3/4full}$ =**	0.93 **cfs**
$beta_{halffull}$=	90.000	degree	$beta_{3/4full}$=	120.00 degree
$R_{halffull}$ =	0.167	ft	$R_{3/4full}$=	0.201 ft
$C_{halffull}$ =	70.301	ft	$C_{3/4full}$=	74.163 ft
$A_{halffull}$ =	0.174	sq. ft.	$A_{3/4full}$=	0.280 sq. ft.
$V_{halffull}$ =	2.873	ft/sec)	$V_{3/4full}$=	3.324 ft/sec)

Monterey Park - Existing 8" Sewer in Saturn Street
Using Project Flows only. Note: manhole monitoring will be required to confirm existing sewer flows.

Cells that are highlighted can be changed

GIVEN:

Qgiven=	**0.025**	cfs	*<== Discharge*
n=	**0.014**		*<== Roughness coefficient*
S=	**0.0100**		*<== Slope V:H*
r=	**0.333**	ft	*<== Radius*

11 gpm

TRIAL DEPTH:

h=	**0.960**	in	*<== Vary this depth to get $Q_{assume} = Q_{given}$*
	0.080	ft	

CACULATIONS:

beta=	40.56	degree
R=	0.050	ft
C=	47.351	
V=	1.062	ft/sec
A=	0.024	sq. ft.
Q_{assume}=	0.025	cfs
$Q_{halffull}$ =	**0.50**	**cfs**

$Q_{3/4full}$ = 0.93 cfs

RESULT:

(Qgiven-Qassume) / Qgiven %= -1% **<======= OK**

Flow Depth (in) =	**0.960**
Capacity d/r =	**24.02%**
$Q_{capacity}$ =	**0.500 cfs**
Capacity $Q_{given}/Q_{capacity}$ =	**5.00%**

($Q_{halffull}$ =	0.50	**cfs**	**($Q_{3/4full}$ =**	0.93	**cfs**
$beta_{halffull}$=	90.000	degree	$beta_{3/4full}$=	120.00	degree
$R_{halffull}$ =	0.167	ft	$R_{3/4full}$=	0.201	ft
$C_{halffull}$ =	70.301	ft	$C_{3/4full}$=	74.163	ft
$A_{halffull}$ =	0.174	sq. ft.	$A_{3/4full}$=	0.280	sq. ft.
$V_{halffull}$ =	2.873	ft/sec)	$V_{3/4full}$=	3.324	ft/sec)

Appendix M-2

Water Efficiency Memorandum

Kimley»Horn

DFWCGI

September 4, 2024

Data Center Water Use
Air-Cooled Chiller Systems

To whom it may concern,

This memorandum summarizes the water consumption associated with the proposed cooling system that would likely be used for the data center on Saturn Drive in the City of Monterey Park. While many datacenters have leveraged mechanical heat rejection systems that operate with evaporative technologies to cool the datacenter processes, that is not the approach being utilized at this site. Instead, to reduce water demand, we have proposed a system that consumes negligible water, as our focus has been a blend of energy efficiency and environmental sustainably.

We have proposed to utilize air cooled chillers with a free-cooling heat-exchanger. This approach will allow the facility to simply circulate water in a closed piping loop. The design and technology requires minimal water and is summarized as follows: Water would be required to initially fill the system before operational start up. Once filled, the only time additional water would be required for the systems would be if there was ever a pipe leak (unlikely as the piping system will be fully welded). As the system operates, the air-cooled chillers will run their compressors to cool the water when the outside air temperatures are warmer, and would use a fee cooling heat exchanger to allow them to operate without a compressor when temperatures are cooler. Overall, this type of system is well-tested and water-efficient for datacenter cooling especially in drier, more arid climates.

We have attached a manufacturer summary of the of the proposed air-cooled chillers with integrated water-side economizer for further reference, if needed.

Respectfully,

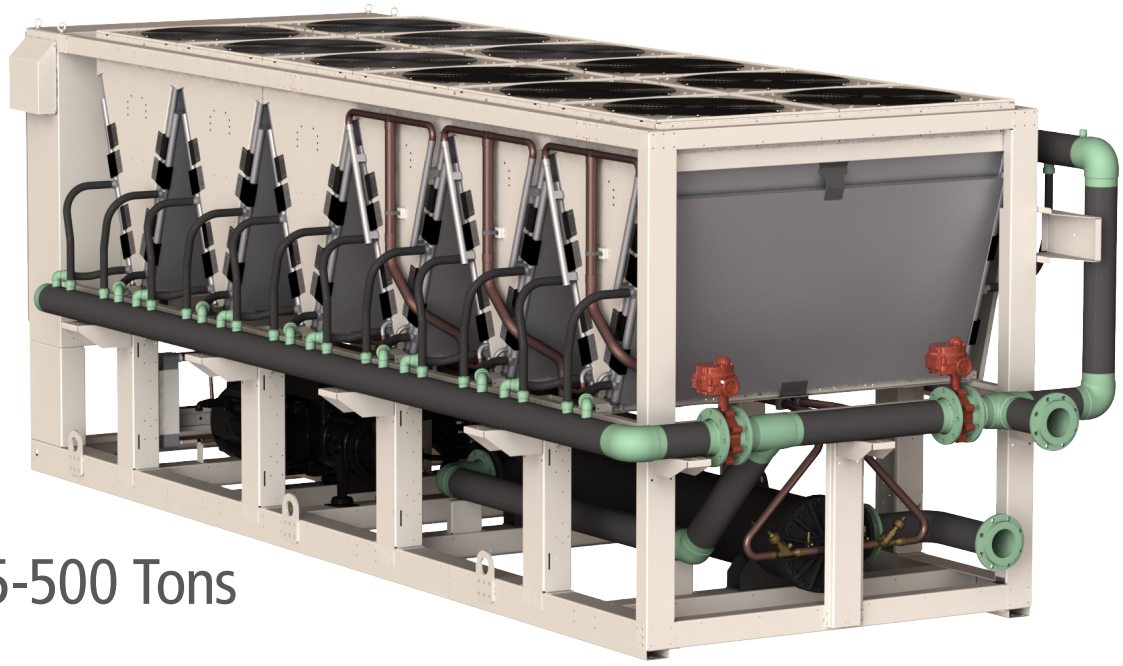
Curtis C. Spraggins
California Mechanical PE 41851



DAIKIN



Pathfinder® Air-cooled Chillers with Integrated Water-side Economizer



175-500 Tons

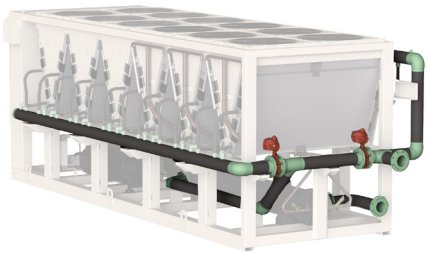
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Integrated Water-side Economizer Solutions

The integrated water-side economizer (WSE) option (sometimes referred to as "Free Cooling" in the industry) adds a fluid-to-air heat exchanger coil in series with the chiller refrigerant condenser coil. The heat rejection airflow moves across both coils, allowing heat rejection and chilled fluid cooling without the need for vapor compression when outdoor air temperatures are lower than the cooling fluid temperature. **Daikin's WSE technology is the only HVAC factory packaged solution that combines the benefits of an integrated water-side economizer with VVR® (variable volume ratio) compression technology and total unit configurability, offering solutions fully tailored to the application requirement.**

For building load profiles where there is a cooling demand and ambient temperatures are below the design chilled fluid temperature, an integrated WSE allows that demand to be met using much less power than normal vapor compression mechanical cooling. This can offer substantial cost of operation benefits to the building owner. Having the coils integrated into the chiller instead of using a separate dry cooler allows for economizing without the need for additional footprint and uses the same fans and fan motors already on the chiller, saving cost and space. It also reduces the number of electrical and piping connections needed, lowering install cost. Having the mechanical portion and controls portion bundled into one piece of equipment helps ensure plug-and-play operation, reduces the chance of field control issues, and allows the chiller to optimize efficiency and first cost.

WSE Benefits



- Low friction lowers pressure drop
- Low weight reduces roof load
- Impervious to corrosion for outstanding cleanliness
- UV protected for longevity

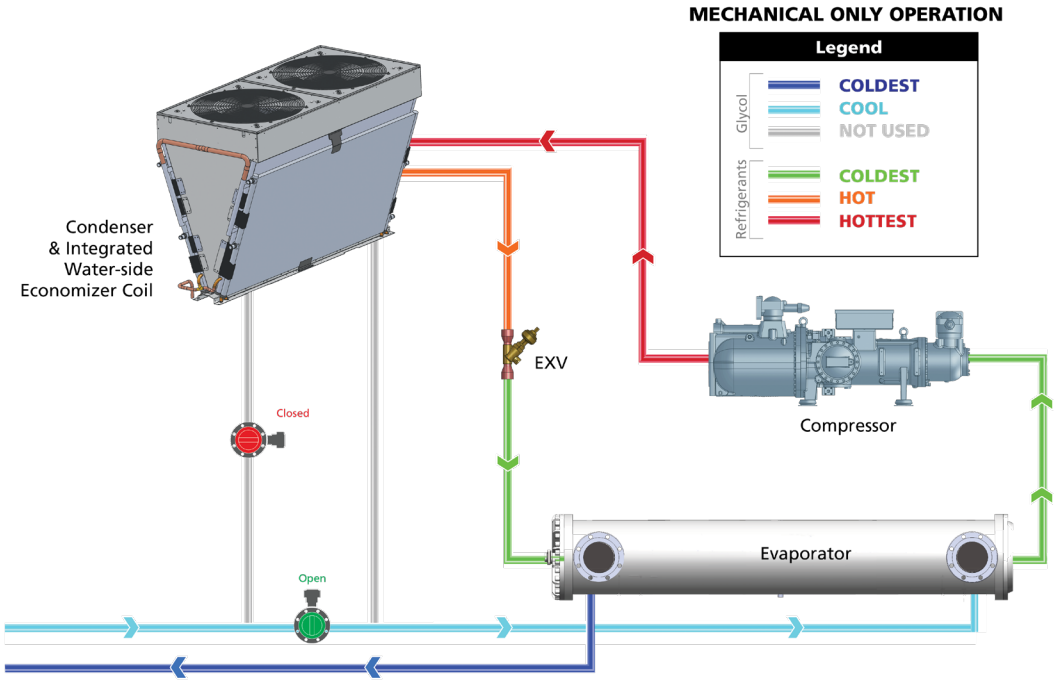
Polypropylene Header Pipe



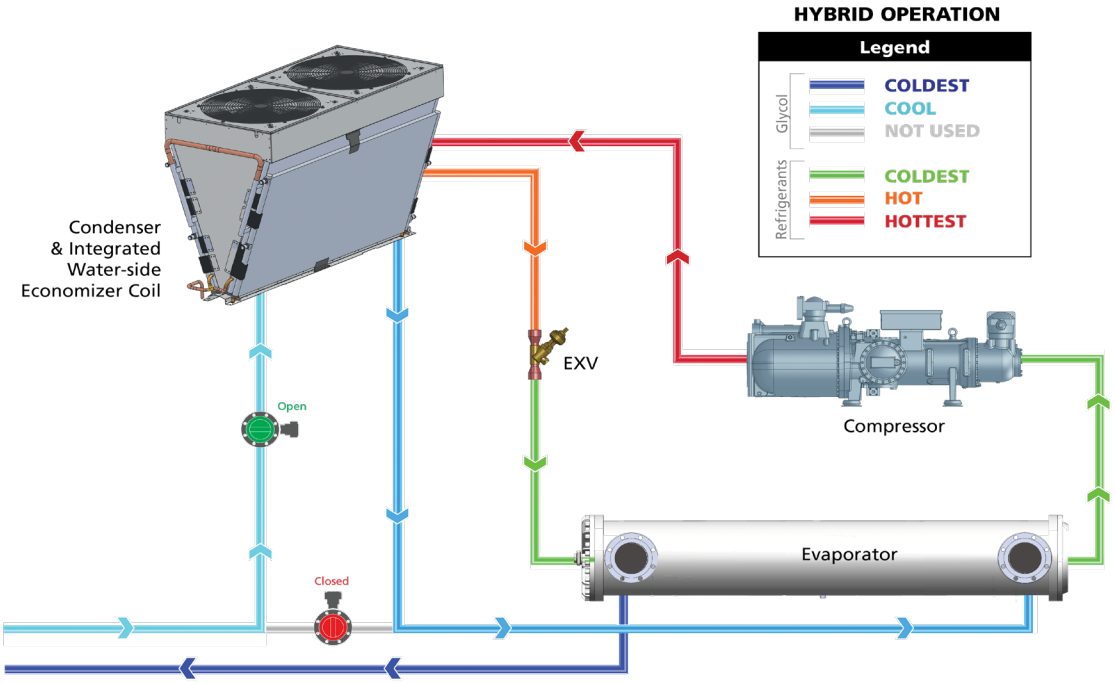
- Maximize free cooling run hours for best performance and payback
- Easily cleanable
- Lower air pressure drop reduces fan energy use

Microchannel Fluid Coils

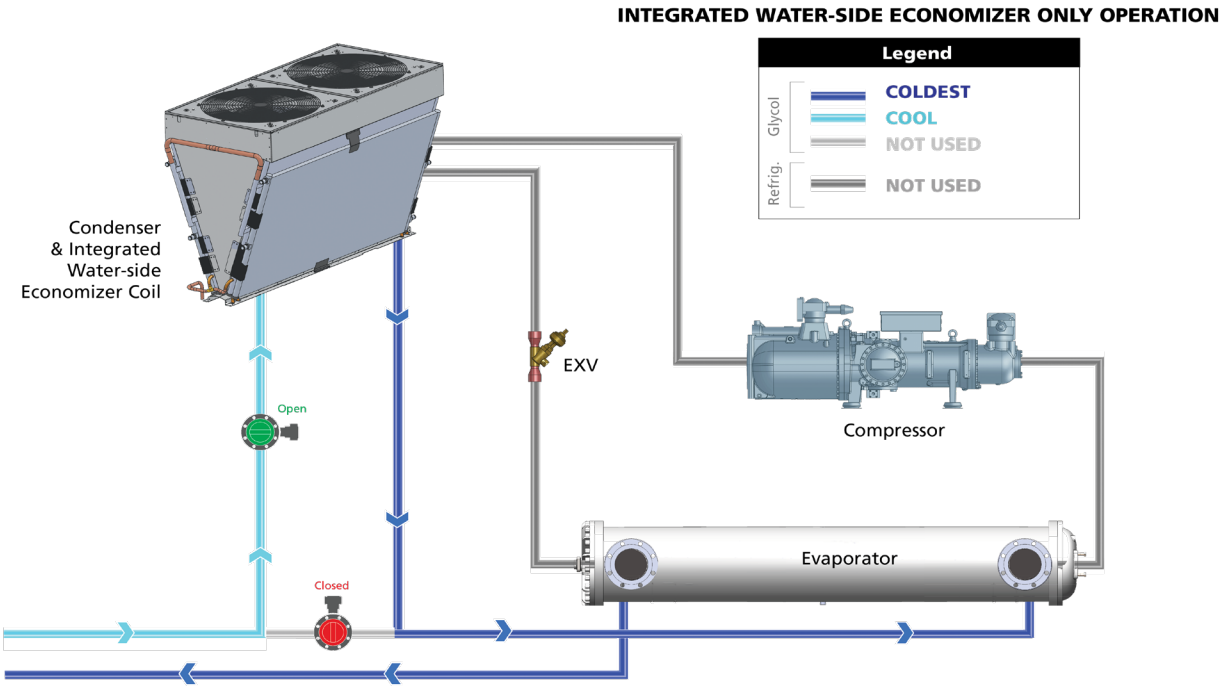
Operating Modes



Mechanical Cooling Only – This mode operates like a normal chiller with compressors and refrigerant used to remove the heat from the building. Mechanical cooling is used where ambient temperature is above the loop water temperature. 2-way valves bypass the water/glycol mixture around the WSE cooling coils so that they are not in the loop and do not contribute to the pressure drop of the system.



Hybrid – In this mode, both mechanical and WSE cooling are engaged. The 2-way valves direct the water/glycol mixture through the WSE coils first, allowing the cool ambient air to remove some of the heat from the loop. The water/glycol mixture then flows through the evaporator where the remaining heat load is removed. Hybrid mode allows you to get some benefit from the WSE coils even when it isn't cold enough to achieve removal of 100% of the load with the WSE coils only.



WSE Only – When ambient temperature is lower than the water/glycol temperature, the chiller will disengage the compressors and all of the load will be rejected by the WSE coils. The water/glycol mixture continues to flow through both the WSE coils and the evaporator so that if the load can no longer be met by just the WSE coils, the compressors will be enabled and switch back into hybrid mode. The colder the ambient temperature, the greater the amount of heat a given coil can reject. During WSE mode, the only power draw is from the operation of the condenser fans and water pump.

Unmatched Technologies

VVR® (Variable Volume Ratio) Technology

VVR compressor technology adjusts the chiller compression ratio and rpm using a VFD to meet partial load demands and varying outdoor ambient conditions at optimized efficiency levels.

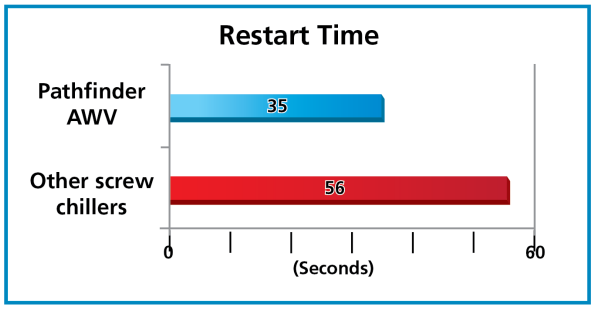
- Ideal for applications/data centers where load and ambient temperature can vary greatly
- High leaving water temperatures (up to 70°F LWT) enable higher efficiency performance
- Uitmate system efficiency when combining VVR and WSE technologies



VVR®

RapidRestore® Technology

With compressor start and loading times that are twice as fast as standard HVAC units, Daikin air-cooled chillers with RapidRestore technology give building owners and facility managers peace of mind during a critical power loss.



- RapidRestore restarts the chiller in as little as 35 seconds after power is restored
- A Fast Loading™ option restores full load cooling capacity in less than five minutes
- Simplifies ownership by decreasing the need for additional thermal storage for critical applications

SiteLine™ Building Controls

Daikin makes building automation simpler, more effective and easier to scale than any other controls solution on the market today.

SITELINE™
DAIKIN BUILDING CONTROLS

- Easy installation with out-of-the box functionality for both new and retrofit applications
- Simple operation that brings insight to system performance and is intuitive to manage
- Low upfront costs that enable you to work with other equipment systems
- Scalable solutions for both standalone equipment and building systems
- Advanced security that protects customer data



For more information about our complete offering of HVAC systems and solutions, contact your local Daikin Applied Sales office or visit www.DaikinApplied.com to find an office near you.

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Responses to Comments and Errata

1977 Saturn Data Center Project

October 2025

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Kimley»Horn

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Appendices

Appendix A: Comments Received on the Public Review IS/MND

Appendix B: Supplemental Technical Analysis

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1.0 INTRODUCTION

These Responses to Comments and Errata have been prepared in accordance with the California Environmental Quality Act (CEQA) as amended (Public Resources Code [PRC] Section 21000 et seq.) and CEQA Guidelines (California Code of Regulations [CCR] Section 15000 et seq.). The Responses to Comments and Errata incorporate, by reference, the Public Review IS/MND (State Clearinghouse No. 2024101397) prepared by the City of Monterey Park (City) for the 1977 Saturn Data Center Project (Project).

The Responses to Comments and Errata present Section 1.0 through Section 4.0:

- Section 1.0: Introduction and CEQA process.
- Section 2.0: A list of persons, organizations, and/or public agencies commenting on the Draft IS/MND.
- Section 3.0: Written responses to each comment identified in Section 2.0.
- Section 4.0: Changes that were made to clarify, correct, or supplement information provided in the Public Review IS/MND.

1.1 CEQA Process

The Notice of Intent (NOI) to adopt an IS/MND was posted on October 31, 2024, with the County Clerk in Los Angeles. The Draft IS/MND was circulated for a 33-day public review until December 2, 2024. The Draft IS/MND was circulated to federal, State, and local agencies and interested parties requesting a copy of the Draft IS/MND. Copies of the Draft IS/MND were made available at the following locations:

- City of Monterey Park Website: http://www.montereypark.ca.gov/1535/Public-Notices
- City of Monterey Park City Hall, Planning Division: 320 West Newmark Avenue, Monterey Park, CA 91754

1.2 Notice of Determination

Pursuant to CEQA Guidelines Section 15094, the City will file a Notice of Determination (NOD) with the Office of Land Use & Climate Innovation and Los Angeles County Clerk within five working days of Project approval.

2.0 COMMENT LETTERS

The City received five comment letters during the public review period. Each comment within the comment letter that requires a response is also assigned a number. For example, the first comment within the comment letter received from Los Angeles County Sanitation District is therefore labeled Comment 1-1 and the responses to each comment are correspondingly numbered, (i.e., Response 1-1). A copy of the comment letter is below. Responses to such comments are provided in Section 3.0.

3.0 RESPONSES TO COMMENTS

Responses to individual comments are included herein.

Letter 1

Los Angeles County Sanitation Districts
1995 Workman Mill Road
Whittier, CA 90601-1400
Received on November 14, 2024

Comment 1-1

The Los Angeles County Sanitation Districts (Districts) received a Notice of Intent (NOI) to Adopt a Mitigated Negative Declaration (MND) for the subject project located in the City of Monterey Park on November 4, 2024. The proposed project is located within the jurisdictional boundaries of District No. 2. Previous comments submitted by the Districts in correspondence dated February 29, 2024 (copy enclosed), still apply to the subject project with the following comments:

Response to Comment 1-1

This comment serves as an introduction to the comment letter and references the previously submitted comments from the Los Angeles County Sanitation District (LACSD) dated February 29, 2024. The previous letter was included in Attachment A of Appendix M-1 of the Public Review Initial Study/Mitigated Negative Declaration (IS/MND). As this comment does not concern any further information addressed or contained in the Public Review IS/MND, no further response is required.

Comment 1-2

Section 4.19 Utilities and Service, page 142 stated that "Any work that may affect services to the existing sewer lines or impacts to LACSD facilities or plant will be coordinated with the City's Public Works Department, Engineering Division." Please use the Geographic Information System (GIS) application at https://www.app.lacsd.org/ugutilities/ to obtain copies of as-built drawings of the District's facilities. When project plans that incorporate our facilities have been prepared, please submit copies to the Engineering Counter at engineeringcounter@lacsd.org for our review and comment.

Response to Comment 1-2

This comment restates information provided in the Public Review IS/MND and provides a link to the LACSD GIS application. The comment is noted for the administrative record, and particularly with respect to the request for submission of Project plans (in the future) that may incorporate LACSD facilities. As this comment does not further affect the analysis and conclusions provided in the Public Review IS/MND, no further response is required.

Comment 1-3

A.K. Warren Water Resource Facility currently processes an average flow of 248.3 million gallons per day.

Response to Comment 1-3

The comment states that the A.K. Warren Water Resource Facility currently processes an average flow of 248.3 million gallons per day (mgd). It should be noted that the commenter's prior letter dated February 29, 2024 and included in Attachment A of Appendix M-1 of the Public Review IS/MND noted that the A.K. Warren Water Resource Facility currently (as of February 29, 2024) has a capacity of 400 mgd and processes an average flow of 237 mgd. The average flow of 237 mgd was utilized in the analysis completed for the Public Review IS/MND, and the Project's estimated wastewater generation of 0.004 mgd (see page 143 of the Public Review IS/MND) would be accommodated by the A.K. Warren Water Resource Facility's available capacity in any case. This comment is noted for the administrative record. As this comment does not further affect the analysis and conclusions provided in the Public Review IS/MND, no further response is required.

Comment 1-4

All other information concerning Districts' facilities and sewerage service contained in the document is current.

Response to Comment 1-4

This comment states that the information provided by the commenter in the Public Review IS/MND is current. As this comment does not provide further information that is not already included in the Public Review IS/MND, no further response is required.

Comment 1-5

If you have any questions, please contact the undersigned at (562) 908-4288, extension 2742, or phorsley@lacsd.org.

Response to Comment 1-5

This comment serves as a conclusion to the comment letter and provides contact information should any questions arise. As this comment does not concern any information addressed or contained in the Public Review IS/MND, no further response is required.

Comment 1-6

The Los Angeles County Sanitation Districts (Districts) received your will serve letter request for the subject project located in the City of Monterey Park on February 26, 2024. The proposed project is located within the jurisdictional boundary of District No. 2. We offer the following comments regarding sewerage service:

1. The wastewater flow originating from the proposed project will discharge to a local sewer line, which is not maintained by the Districts, for conveyance to the Districts' Garfield Avenue Trunk Sewer, located in Wilcox Avenue just south of Pomona Boulevard. The Districts' 12-inch diameter trunk sewer has a capacity of 1.8 million gallons per day (mgd) and conveyed a peak flow of 0.5 mgd when last measured in 2016.

2. The wastewater generated by the proposed project will be treated at the A.K. Warren Water Resource Facility (formerly known as the Joint Water Pollution Control Plant) located in the City of Carson, which has a capacity of 400 mgd and currently processes an average flow of 237 mgd.

3. The expected increase in average wastewater flow from the project, described in the application as a 220,000 square-foot data center building, is 3,302 gallons per day, after all structures on the project site are demolished. For a copy of the Districts' average wastewater generation factors, go to www.lacsd.org, under Services, then Wastewater Program and Permits and select Will Serve Program, and click on the Table 1, Loadings for Each Class of Land Use link.

4. The Districts are empowered by the California Health and Safety Code to charge a fee to connect facilities (directly or indirectly) to the Districts' Sewerage System or to increase the strength or quantity of wastewater discharged from connected facilities. This connection fee is used by the Districts for its capital facilities. Payment of a connection fee may be required before this project is permitted to discharge to the Districts' Sewerage System. For more information and a copy of the Connection Fee Information Sheet, go to www.lacsd.org, under Services, then Wastewater (Sewage) and select Rates & Fees. In determining the impact to the Sewerage System and applicable connection fees, the Districts will determine the user category (e.g. Condominium, Single Family Home, etc.) that best represents the actual or anticipated use of the parcel(s) or facilities on the parcel(s) in the development. For more specific information regarding the connection fee application procedure and fees, please contact the Districts' Wastewater Fee Public Counter at (562) 908-4288, extension 2727.

5. In order for the Districts to conform to the requirements of the Federal Clean Air Act (CAA), the capacities of the Districts' wastewater treatment facilities are based on the regional growth forecast adopted by the Southern California Association of Governments (SCAG). Specific policies included in the development of the SCAG regional growth forecast are incorporated into clean air plans, which are prepared by the South Coast and Antelope Valley Air Quality Management Districts in order to improve air quality in the South Coast and Mojave Desert Air Basins as mandated by the CAA. All expansions of Districts' facilities must be sized and service phased in a manner that will be consistent with the SCAG regional growth forecast for the counties of Los Angeles, Orange, San

> Bernardino, Riverside, Ventura, and Imperial. The available capacity of the Districts' treatment facilities will, therefore, be limited to levels associated with the approved growth identified by SCAG. As such, this letter does not constitute a guarantee of wastewater service, but is to advise the applicant that the Districts intend to provide this service up to the levels that are legally permitted and to inform the applicant of the currently existing capacity and any proposed expansion of the Districts' facilities.

If you have any questions, please contact the undersigned at (562) 908-4288, extension 2708 or at shirlywang@lacsd.org.

Response to Comment 1-6

This comment is an attachment of the previously submitted comment from the LACSD referenced in Comment 1-1. The previous letter was included in Attachment A of Appendix M-1 of the Public Review IS/MND. No further response is warranted.

Letter 2

Advocates for the Environment
10211 Sunland Boulevard
Shadow Hills, CA 91040
Received on December 2, 2024

Comment 2-1

Advocates for the Environment submits the comments in this letter regarding the Mitigated Negative Declaration (**MND**) for the 1977 Saturn Data Center Project (**Project**). The Project Site is located near the intersection of Saturn Street and Orange Avenue, in the City of Monterey Park (**City**). The existing uses of the 15.8-acre Project site would be demolished to construct a 218,400-square-foot data center with an equipment yard, 24,000-square-foot substation, parking, and landscaping. The Project includes diesel generators for emergency back-up.

Advocates for the Environment is a public interest law firm and advocacy organization with the mission to educate the public about the law as it pertains to the environment and provide legal services in support of environmental causes. We have reviewed the Mitigated Negative Declaration (MND) released in October 2024 and submit comments regarding the sufficiency of the MND's Greenhouse-Gas (GHG) analysis under the California Environmental Quality Act (**CEQA**).

Response to Comment 2-1

This comment serves as an introduction to the commenter and comment letter. This comment is noted.

Comment 2-2

The City Should Require the Project to be Net-Zero

Given the current regulatory context and technological advancements, a net-zero significance threshold is feasible and extensively supportable. GHG emissions from buildings, including indirect emissions from offsite generation of electricity, direct emissions produced onsite, and from construction with cement and steel, amounted to 21% of global GHG emissions in 2019. (IPCC Sixth Assessment Report, Climate Change 2022, WGIII, Mitigation of Climate Change, p. 9-4.) This is a considerable portion of global GHG emissions.

It is much more affordable to construct new building projects to be net-zero than to obtain the same level of GHG reductions by expensively retrofitting older buildings to comply with climate change regulations. Climate damages will keep increasing until we reach net zero GHG emissions, and there is a California state policy requiring the state to be net-zero by 2045. It therefore is economically unsound to construct new buildings that are not net-zero.

Environmental groups have achieved tremendous outcomes by litigation under CEQA. Two of the largest mixed-use development projects in the history of California, Newhall Ranch (now FivePoint Valencia), and Centennial (part of Tejon Ranch) decided to move forward as net-zero communities after losing CEQA lawsuits to environmental groups. The ability for these large projects to become net-zero indicates that it is achievable, even for large-scale developments. The Applicant for this Project should do the same.

We urge the City to adopt net-zero as the GHG significance threshold for this project. This threshold is well-supported by plans for the reduction of GHG emissions in California, and particularly the CARB Climate Change Scoping Plans. The CARB 2017 Scoping Plan states that "achieving no net additional increase in GHG emissions, resulting in no contribution to GHG impacts, is an appropriate overall objective for new development." (CARB 2017 Scoping Plan, p. 101.) Additionally, the CARB 2022 Scoping Plan reaffirms the necessity of a net zero target by expressing: "it is clear that California must transition away from fossil fuels to zero-emission technologies with all possible speed … in order to meet our GHG and air quality targets." (CARB 2022 Scoping Plan, p. 184.) CARB further encourages a net-zero threshold in its strategies for local actions in Appendix D to the 2022 Scoping Plan. (CARB 2022 Scoping Plan, Appendix D p. 24-26.)

Moving this Project forward as a net-zero project would not only be the right thing for the City to do, but also would help protect the City and the Applicant from CEQA GHG litigation.

Response to Comment 2-2

The commenter first claims that "a net-zero significance threshold is feasible and extensively supportable" and then references general GHG emissions from buildings as a portion of global GHG emissions. The commenter cites to the IPCC Sixth Assessment Report, Climate Change 2022, WGIII, Mitigation of Climate Change as the source of its building emissions statistic. Based on review of the IPCC Sixth Assessment Report, Climate Change 2022, WGIII, Mitigation of Climate Change, it should be noted that the document does not specifically state that a "net-zero significance threshold" is feasible. In addition, it should be noted that neither the Nation, State, nor the City has adopted a net-zero GHG threshold, or in fact any applicable quantitative GHG thresholds, for individual development projects in this region. Therefore, the commenter's inference that a net-zero significance threshold should apply to the Project is inaccurate and inapplicable.

Next, the comment claims that it is "much more affordable to construct new buildings to be net-zero than to obtain the same level of GHG reductions by expensively retrofitting older buildings to comply with climate change regulations" and "therefore it is economically unsound to construct new buildings that are not net-zero." The commenter does not provide evidence to

support this economic claim. Also, this comment does not focus on the adequacy of the IS/MND or its analysis of potentially significant impacts. Therefore, no further response is required.

The commenter also generically references California's policy to achieve net-zero GHG emissions no later than 2045 (presumably Assembly Bill [AB] 1279). This comment is not regarding the Project specifically and does not focus on the adequacy of the IS/MND. Nonetheless, it should be noted that the IS/MND identifies AB 1279 in relation to the 2022 Scoping Plan and analyzes impacts accordingly where applicable.

The commenter requests that the Applicant for the Project develop it as net-zero and notes that the Newhall Ranch and Centennial master plan projects "decided to move forward as net-zero communities after losing CEQA lawsuits to environmental groups." The comment requesting the Project be net-zero is noted. However, it is also noted that there is no legal requirement for the Project to be net-zero. The Project is an urban infill project and materially different in location and typology than the greenfield projects referenced in the comment. And, this comment does not focus on the adequacy of the IS/MND or its analysis of potentially significant impacts. Therefore, no further response is required.

Also, regarding the 2022 Scoping Plan, it should be noted that the commenter is likely referring to Section 3.2.2 Net-Zero Threshold of Significance, in Appendix D of the 2022 Scoping Plan. The first sentence of that section states "[*a]bsent consistency with an adequate, geographically specific GHG reduction plan*, as described in Section 2 or consistency with the project attributes approach identified in Table 3 for residential and mixed-use development project types, *lead agencies can* make a significance determination, consistent with Section 4 below, based on whether the project would result in net-zero GHG emissions." (*Emphasis* added). Here, the City has a CEQA-qualified specific GHG reduction plan. Accordingly, even the 2022 Scoping Plan expressly recognizes that a local Lead Agency's climate action plan can be used as an appropriate threshold of significance regardless of whether the 2022 Scoping Plan discusses, and other projects have used, net-zero thresholds in different scenarios.

Moreover, Appendix D of the 2022 CARB Scoping Plan notes that projects that have agreed to net zero GHG emissions such as "…the Newhall and Tejon Ranch projects do not necessarily represent the type of development that California most needs to simultaneously tackle the housing and climate crises…" even if they demonstrate net-zero is feasible for some projects that decide to pursue that approach. Each of those projects represent large new mixed-use communities being developed in a greenfield area. The Project, in contrast, is located on an urban infill location with prior commercial uses, which is a more favorable development site when considering where to locate new development projects.

Next, the comment urges the City to "adopt net-zero as the GHG significance threshold for this project." This comment is noted. And, to confirm for the record, the City as the Lead Agency has not adopted a net-zero significance threshold for the Project, or any other project in the City. Furthermore, the IS/MND clearly states the applicable threshold of significance that applies to the Project.

The IS/MND, in Appendix G, on page 22-23 states the following:

"Addressing GHG emissions generation impacts requires an agency to determine what constitutes a significant impact. The CEQA Guidelines allow lead agencies to determine the thresholds of significance based to the extent possible on scientific and factual data that illustrate the extent of an impact. This means that each agency may determine whether to: (1) quantify greenhouse gas emissions resulting from a project; and/or (2) rely on a qualitative analysis or performance-based standard. CEQA Guidelines Section 15064.4(a) directs that agencies are to use "careful judgment" and "make a good-faith effort, based to the extent possible on scientific and factual data, to describe, calculate or estimate" the Project's GHG emissions.

Appendix G of the CEQA Guidelines sets forth two general thresholds that state whether the project would: 1. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment; and 2. Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases.

As discussed above, no applicable numeric significance threshold for GHG emissions has been adopted by the State, SCAQMD, or the City that applies to the proposed Project. Further, although State, regional, and local plans and policies have been adopted to help address climate change (see discussions above), no current law or regulation would regulate all aspects of the Project's GHG emissions. In the absence of any adopted numeric threshold, *the City has determined that the significance of the Project's GHG emissions as provided in CEQA Guidelines Section 15064.4(b)(2) will be assessed by determining whether the Project is consistent with applicable plans, policies, regulations adopted for the purpose of reducing the emissions of greenhouse gases.* Therefore, under this analysis, *a significant impact would occur if the Project would conflict with applicable regulatory plans and policies of the lead agency (i.e., the City of Monterey Park) to reduce GHG emissions discussed within the City's CAP*. The analysis below describes the extent to which the Project complies with the regulations outlined in the CAP." (*Emphasis* added).

Accordingly, the IS/MND analyzed impacts according to the threshold of significance set by the Lead Agency and found that the Project's GHG impacts were less than significant.

In closing, the commenter states that moving the Project forward as net-zero "would help protect the City and the Applicant from CEQA GHG litigation." This portion of the comment does not

focus on the adequacy of the IS/MND or its analysis of potentially significant impacts. Therefore, no further response is required.

Comment 2-3

The MND's Discussion Concerning Cap-and-Trade is Misleading

The MND was misleading of the Project's GHG impact because it incorrectly claimed that the Project's GHG emissions are covered by cap-and-trade. The Project is not subject to cap-and-trade regulations. The City claimed that "GHG emissions associated with the electricity usage and mobile sources of most projects that are subject to CEQA are covered by the Cap-and-Trade program" because the program "was extended in 2015 to cover combustion of fossil fuels including transportation fuels used in California." (MND, p. 93.) However, this reasoning is flawed. Just because fossil fuels and transportation fuels are accounted for under the cap-and-trade program does not mean that the Project qualifies as a covered entity. There are specific category of entities which are required to comply with the cap-and-trade program, none of which would include this Project.[1] Therefore, the Project's emissions are not covered by cap-and-trade.

CEQA Guidelines section 15064.4, subdivision (b)(3) allows a lead agency to consider a project's compliance with plans for the reduction of GHG emissions to determine the significance of GHG impact. Nonetheless, the lead agency is not supposed to analyze whether the suppliers of the project's electricity comply with the plans, but rather whether the project itself does. Thus, cap-and-trade is irrelevant to determining the Project's GHG significance because the Project is not a covered entity under the cap-and-trade program and it must account for electricity usage just as any other land use development project.

Footnote 1: See Cal. Code Regs. Tit. 17, § 95811.

Response to Comment 2-3

The comment states that "the MND was misleading of the Project's GHG impact because it incorrectly claimed that the Project's GHG emissions are covered by cap-and-trade." That statement is inaccurate and untrue. The IS/MND does not claim that the Project emissions are covered by cap-and-trade. Instead, page 93 of the IS/MND clearly states that "emissions associated with the Project's electricity consumption *occur at power production facilities which are covered entities under the State's Cap-and-Trade regulations*, which limit total GHG emissions by covered sources with decreasing allocations, and are subject to the RPS standard requiring the GHG intensity of electricity production to decrease steadily." (*Emphasis* added). That statement distinguishes between the Project (which is not covered by cap-and-trade) and power production facilities (which are covered by cap-and-trade) that deliver energy to the City. Thus, the comment is incorrect and mischaracterizes the Project.

As noted by the California Legislative Analyst's Office, the cap-and-trade regulation places a "cap" on aggregate GHG emissions from large GHG emitters, such as large industrial facilities, electricity generators and importers, and transportation fuel suppliers.[1] Additionally, the cap-and-trade program takes into account the reductions from other climate policies (Low Carbon Fuel Standard, Advanced Clean Cars, Renewable Portfolio Standard, etc.) that will be achieved during the same time period. These regulations apply to covered entities and ultimately reduce direct emissions from those entities, regardless of individual development projects. Accordingly, it is foreseeable that actual indirect emissions associated with projects that obtain energy from entities subject to regulatory compliance would consume such energy in a manner that reflects the results of regulatory compliance by the energy providers.

Moreover, it should be noted that the IS/MND quantified and disclosed the Project's total emissions in Table 4.8-2: Construction Greenhouse Gas Emissions and Table 4.8-3: Operational Greenhouse Gas Emission Opening Year. It should be noted that the IS/MND did not take quantitative credit for the existing land use (approximately 3,400 $MTCO_2e$ annually) on the Project Site. In addition, it should be noted that the IS/MND, Appendix G: Greenhouse Gas Emissions Analysis Inventory, clearly stated that the Lead Agency did not apply a quantitative GHG threshold to the Project, and the analysis that calculates the amount of GHG emissions from the Project using air quality models was for informational purposes only. Therefore, the determination of significance, in any case, was not tied to a quantitative level of emissions regardless of either the direct emissions of the Project or the independent regulations that apply to covered entities. In other words, the IS/MND did not under any scenario base its applicable threshold of significance, and related impact conclusion, on quantified emissions of the Project.

The comment also states that "[t]he City claimed that "GHG emissions associated with the electricity usage and mobile sources of most projects that are subject to CEQA are covered by the Cap-and-Trade program" because the program "was extended in 2015 to cover combustion of fossil fuels including transportation fuels used in California." (MND, p. 93.) However, this reasoning is flawed. Just because fossil fuels and transportation fuels are accounted for under the cap-and-trade program does not mean that the Project qualifies as a covered entity." This comment is correct, the Project does not qualify as a covered entity. The IS/MND did not assume the Project was a covered entity under the cap-and-trade program. Neither did the IS/MND rely on any state cap-and-trade regulations to reduce GHG emission impacts as analyzed against the threshold of significance used in the IS/MND. Furthermore, to clarify the discussion, the City has further clarified the narrative on pages 93-94. See Section 4.0: Errata of the Final IS/MND.

Moreover, it is noted that the IS/MND, in Section 4.8 Greenhouse Gas Emissions, Regulatory Setting, identified Federal and State programs that address climate change and are designed to

[1] California Legislative Analyst's Office, Cap-and-Trade Extension: Issues for Legislative Oversight, December 12, 2017, https://lao.ca.gov/Publications/Report/3719. Accessed September 13, 2025.

reduce GHG emissions over time. Several programs including, but not limited to, AB 32, the applicable Scoping Plan, Cap-and-Trade Regulations, Title 20 Appliance Efficiency Regulations, and Title 24 Building Energy Efficiency Standards will continue to reduce GHG emissions in the State as emissions sources comply with applicable regulations. These programs exist and influence Statewide GHG emissions, and references to such programs in the IS/MND are factual and ultimately influence actual emissions from the emission sources.

It is also noted that the IS/MND includes Table 4.8-4: Trend of Project Greenhouse Gas Emissions Related to State Mandates. The Lead Agency did not intend for that table to convey, for a determination of potential impact significance, that compliance with State mandates, such as cap-and-trade, would directly reduce the Project's direct GHG emissions. Accordingly, in response to this comment, and to clarify the administrative record, the Lead Agency has deleted Table 4.8-4 and slightly revised the related narrative to be clear that that total modeled opening-year GHG emissions from the Project are 85,309 $MTCO_2e$. See Section 4.0: Errata of the Final IS/MND. These changes clarify that the IS/MND did not, and is not, applying the cap-and-trade program to offset the GHG emissions of the Project. These clarifications serve to inform the public and decision makers before deciding whether to approve the Project.

Comment 2-4

The GHG Significance Analysis was Inadequate

The MND adopted two significance thresholds based on the CEQA Guidelines Appendix G. Threshold (a) asks whether the Project would "generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment." (MND, p. 83.) Under this threshold, the City considered the Project's estimated operational GHG emissions of approximately 85,309 metric tons of carbon dioxide equivalent (**MTCO2e** *[sic]*) per year less than significant.

Threshold (b) asks whether the Project would "conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases." (MND, p. 83.) The City's conclusion that the Project would have a less than significant GHG impact under this threshold was based on the erroneous assumption that the Project's GHG emissions would be covered under the cap-and-trade program. Further, this significance conclusion is invalid because the MND's conclusion that the Project would be consistent with applicable plans is not supported by substantial evidence.

The City did not support its GHG significance determination with substantial evidence. The City only considered two applicable plans: The City of Monterey Park Climate Action Plan (CAP), and the 2022 Scoping Plan, both of which the Project would conflict with. In particular, none of the CAP provisions pertain to a data center which uses extremely large amounts of electricity. (See MND, pp. 84-89.) The same analysis that the City included to address the Project's compliance

with the CAP would apply even if the Project's electricity were 100 times greater than it currently is, essentially screening out any data center from having significant GHG impact no matter what amount of electricity it uses. The City does not support this analysis by substantial evidence. Further, the City cannot rely on the assumption that GHG emissions will gradually ramp down in accordance with stricter GHG regulations, because the Project's emissions will remain in the five-figure range through 2035. (MND, p. 93, Table 8.4-4.)

Overall, the MND concluded that the Project's GHG emissions would be less than significant. Given the inadequacy of analysis under both thresholds, there is a fair argument for why the Project would have a significant GHG impact. Yet, significance under either of the two thresholds would require a finding of significant impact.

Response to Comment 2-4

This comment claims that the GHG significance analysis was inadequate. As discussed below, this claim is based on several factually inaccurate statements.

First, the comment claims that "[t]he MND *adopted* two significance thresholds based on the CEQA Guidelines Appendix G." (*Emphasis* added). That is not true. The IS/MND recites the inquiries from the CEQA Guidelines regarding whether a project would: generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment; and whether a project would conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases. However, as discussed above, the Lead Agency clearly stated that: "[t]herefore, under this analysis, a significant impact would occur if the Project would conflict with applicable regulatory plans and policies of the lead agency (i.e., the City of Monterey Park) to reduce GHG emissions discussed within the City's CAP." See IS/MND, Appendix G, Section 5.0: Significance Criteria and Methodology, Section 5.1 Threshold of Significance Criteria. This threshold and the related analysis are carried forward in the IS/MND greenhouse gas emissions section. Therefore, it is inaccurate for the comment to claim that the IS/MND adopted any other significance threshold for the analysis of GHG impacts.

Second, the comment states that "under this threshold, the City considered the Project's estimated operational GHG emissions of approximately 85,309 metric tons of carbon dioxide equivalent (MTCO2e [sic]) per year less than significant." That statement is also inaccurate. The IS/MND did not base its determination of significance on the amount of GHG emissions. Instead, as is permissible, the Lead Agency exercised its discretion to use a geographically specific greenhouse gas emissions reduction plan (i.e., the City's CAP] as its pathway to demonstrate compliance; and in addition disclosed the 85,309 metric tons of total GHG emissions associated with the Project for informational purposes, as repeatedly stated in the IS/MND and Appendix G. Moreover, there is not an adopted existing numerical threshold of significance for GHG emissions from the applicable air quality management district for this type of project. Therefore, the less

than significant conclusion was not based on the quantitative amount of GHG emissions as implied by the comment.

Third, the comment claims that "[t]he City's conclusion that the Project would have a less than significant GHG impact under this threshold was based on the erroneous assumption that the Project's GHG emissions would be covered under the cap-and-trade program." As described above in Response to Comment No. 2-3, the IS/MND did not assert that the GHG emissions of the Project would be covered under the cap-and-trade program; and in any case, did not base its significance conclusion on any quantitative threshold or the applicability, or lack thereof, of any State-mandated programs. Thus, this comment is inaccurate. As a related matter, the IS/MND GHG analysis was supported by specific land use assumptions for the proposed land use, qualitative and quantitative impact analysis, and a GHG technical report that analyzed the City's CAP and modeled potential GHG emissions, which collectively provide evidentiary support for the IS/MND conclusions.

Fourth, the comment states "[t]he City only considered two applicable plans: The City of Monterey Park Climate Action Plan (CAP), and the 2022 Scoping Plan, both of which the Project would conflict with" and that "none of the CAP provisions pertain to a data center which uses extremely large amounts of electricity." As noted above, the City, as the Lead Agency, has the discretion to analyze the Project according to it compliance with the CAP for projects within the City. The CAP was adopted at the time of the IS/MND analysis, is still the currently applicable legal document, and thereby is an appropriate GHG reduction plan for purposes of CEQA analysis. It should be noted that page 268 of the 2022 Scoping Plan states that when jurisdictions have a CAP, an individual project that complies with the strategies and actions within that CAP can streamline its project-specific GHG impact analysis to make a significance determination. Accordingly, for several of the reasons stated herein, the City considered compliance with its CAP as the threshold of significance for the Project's impact analysis, and in doing so did not screen out the Project from GHG analysis, as inferred by the comment.

Fifth, the comment states that " . . . the City cannot rely on the assumption that GHG emissions will gradually ramp down in accordance with stricter GHG regulations, because the Project's emissions will remain in the five-figure range through 2035." This comment is noted and the IS/MND has been clarified as discussed in Response to Comment 2-3 above. In sum, the Project would emit approximately 85,258 $MTCO_2e$ in its opening year, and even though State mandates may reduce indirect sources of GHG emissions in future years, the Lead Agency has calculated and disclosed the maximum amount of annual GHG emissions (i.e., 85,258 $MTCO_2e$ without considering the existing commercial use onsite) that would be attributable to the Project using applicable air quality models. Therefore, based on the clarifications to the IS/MND discussed herein, the whole of the administrative record, and the fact that the threshold of significance for the Project is qualitative plan-consistency compliance with the CAP instead of a specific

quantitative threshold, the City has not relied on any assumption of GHG emissions ramp down to inform its decision making for the Project.

Comment 2-5

Consistency with Identified Applicable Plans

The MND's analysis was insufficient to determine that the Project would be consistent with applicable plans. The Project would be inconsistent with both the CAP and the 2022 Scoping Plan.

First, to provide a basis for its less-than-significant determination. the City concluded that the Project would not conflict with the CAP. However, the City did not provide substantial evidence for this determination. First, GHG policy has changed significantly in the last decade, rendering the 2012 CAP outdated.

But even assuming that that the CAP is an applicable plan, the City did not adequately demonstrate that the Project would not conflict with it. For example, the City claimed that several measures were inapplicable municipal measures that are "not Project specific" to justify circumventing certain CAP measures. In particular, the City failed to provide a consistency analysis for Land Use Measure 1 (Mixed Use Development), Land Use Measure 2 (Service Nodes), Transportation Measure 1.2 (Promote Use of Transit Network), and Transportation Measure 2.2 (Increase Walking and Biking), each stating the following assumption: "This is a municipal measure and not specifically applicable to the Project. Therefore, this measure is not applicable." (MND, pp. 84–89.)

Even though the CAP as a guiding policy document describes initiatives intended for the City to carry out, the Project could still be in conflict with those measures even if the lead agency is not responsible for achieving particular objectives on a project-level. For instance, the Project's construction or operations could potentially make it more difficult or counteract the City's objectives to achieve the CAP goals. The Project conflicts with Land Use Measure 1—which suggests that Monterey Park achieve a Vehicle Miles Travelled (**VMT**) reduction target by facilitating new mixed-use development near existing and planned transit corridors—because the Project would utilize space and resources for a new industrial development which is not a mixed-use development near a transit corridor and would actively increase VMT, counteracting the City's efforts under Land Use Measure 1. The City has not adequately demonstrated that the Project would comply with the CAP as it claims.

Response to Comment 2-5

The comment claims that "[t]he MND's analysis was insufficient to determine that the Project would be consistent with applicable plans." The comment asserts the following points, which are inaccurate.

First, the comment states that ". . . . GHG policy has changed significantly in the last decade, rendering the 2012 CAP outdated." The IS/MND is permitted by law to rely on plans in effect at the time of publication. The City's CAP was in effect at publication of the IS/MND and remains in effect now. Thus, the City's CAP is legally applicable to the IS/MND analysis.

Second, the comment claims that the City did not adequately demonstrate that the Project would not conflict with the CAP and list several measures in the CAP as examples. It should be noted that Table 4.8-1: City of Monterey Park Climate Action Plan Consistency in the IS/MND includes every measure contained in the City's CAP. The comment further states that " . . . the City claimed that several measures were inapplicable municipal measures that are "not Project specific" to justify circumventing certain CAP measures." It is true that several measures in the CAP do not apply to the Project because, as stated in the CAP, it is a GHG reduction strategy document to assist the City in achieving community-wide reductions and is based on sectors instead of individual projects. It follows that not all CAP measures may apply to all projects, as is the case with the Project.

Nonetheless, in response to this comment, the following supplemental information is provided in response to specific measures questioned by the comment.

First, the comment stated that the City failed to provide a consistency analysis for Land Use Measure 1 (Mixed Use Development). That statement is false. Table 4.8-1: City of Monterey Park Climate Action Plan Consistency includes Land Use Measure 1, determines it not applicable, but also explains how the Project complies with the measure in any case, by stating that "[i]t should be noted that the land use policies in the CAP encourage infill and redevelopment, which is relevant to, and consistent with, the Project as it redevelops and [*sic*] existing infill site instead of developing undeveloped land." Thus, the IS/MND did facially analyze Land Use Measure 1.

To supplement that response, it should be noted that Land Use Measure 1 is intended to reduce VMT, and thereby GHG emissions associated with modes of transportation used to move within the City. As explained in the Appendix K: Transportation Analysis and Vehicle Miles Traveled Screening Memorandum, the Project would have only 26 employees, which equates to 52 daily vehicle trips. Per the City's Transportation Study Guidelines for Vehicle Miles Travelled and Level of Service Assessment, any project type with less than 110 daily vehicle trips are presumed to have a less than significant impact on VMT. The 52 daily vehicle trips are less than half of the screening criteria and is clearly consistent with the City's goal to reduce VMT, which is the essence of Land Use Measure 1. Moreover, Appendix K also explains that the Project Site contains an existing 205,628 square foot commercial office building that is part of the baseline conditions. According to the Institute of Transportation Engineers (ITE) Trip Generation Manual, the existing use on the Project Site could generate 2,229 daily vehicle trips. Thus, the existing land use on the Project Site could generate 41 times the daily vehicle trips and have far greater impacts on VMT and related VMT/GHG emissions than the Project. It should be noted that the IS/MND

conservatively did not take quantitative credit for the net GHG emissions reductions that result from comparing the existing use to the proposed use. In any case, it is clear that, even if Land Use Measure 1 did apply (which it does not) the development of the Project on the infill Project Site is consistent with the goal of reducing overall VMT in the City by incentivizing low VMT land uses.

Second, the comment stated that the City failed to provide Land Use Measure 2 (Service Nodes). That comment is similarly inaccurate, and for the same reasons explained above (i.e., reduction of VMT and infill development) the IS/MND stated that, even though the measure is inapplicable, "[i]t should be noted that the land use policies in the CAP encourage infill and redevelopment, which is relevant to, and consistent with, the Project as it redevelops and [*sic*] existing infill site instead of developing undeveloped land." Further, to supplement that response, it should also be noted that the CAP states that the party responsible for implementing Land Use Measure 2 is the City's Community Development Department, not project applicants. Also, it should be noted that an element of Land Use Measure 2 is for the City to provide more opportunities for walking and biking to certain service nodes. Here, the Project would improve the walkability (and overall pedestrian realm) around the Project Site by improving the sidewalks along Saturn Street and Orange Avenue, which link together the existing residential community and the employment centers located in the Saturn Park area. Therefore, even if Land Use Measure 2 did apply (which it does not) the development of the Project is consistent with the goal of providing more opportunities for walking and biking between residential populations and employment centers.

Third, the comment stated that the City failed to provide Transportation Measure 1.2 (Promote Use of Transit Network) and Transportation Measure 2.2 (Increase Walking and Biking). That comment is similarly inaccurate. Table 4.8-1: City of Monterey Park Climate Action Plan Consistency includes Transportation Measure 1.2, determines it not applicable, but also explains how the Project complies with the measure in any case, by stating that "[i]t should be noted that the Project is a low VMT generator and would be compatible with any program the City develops to increase awareness of regional transit options, which the employees of the Project may use." Thus, the IS/MND did facially analyze Transportation Measure 1.2. In addition, to supplement the analysis of Transportation Measure 1.2, it should be noted that the CAP states that the party response for implementing such measure is the City's Community Development Department, not project applicants.

Similarly, regarding Transportation Measure 2.2, it should be noted that the essence of Transportation Measure 2.2 is to facilitate walking and biking. The Project would improve the walkability of the area by improving existing, and creating new, sidewalks along the Project Site frontages. In addition, as part of the community benefits program associated with the development agreement for the Project, the applicant would extend the existing SCE trail from La Loma Park, along Orange Avenue, and to a new public park located at the intersection of Orange Avenue and Saturn Street, adjacent to the Project Site. This would encourage more

walking and biking in the neighborhood and facilitate alternative modes of transit for any employees of the Project that may reside in the surrounding community. Moreover, in response to this comment, the Applicant has added a project design feature to the Project plans that would incorporate end-of-trip facilities (such as a restroom with shower and changing area) that can encourage more non-automotive travel to the Project Site. Therefore, even if Transportation Measure 2.2 did fully apply (which it does not) the development of the Project is consistent with the goal of increasing walking and biking.

It follows that, overall, the City has adequately demonstrated how the Project would comply with the applicable measures in the CAP.

Comment 2-6

Second, although the City claimed that the Project would not "impede the State's progress towards carbon neutrality by 2045 under the 2022 Scoping Plan," the MND did not adequately address any of the 2022 Scoping Plan's goals within the context of the Project. (MND, pp. 89–90.) The 2022 Scoping Plan sets goals for 50% of all industrial energy demand to be electrified and statewide emissions be reduced to 85% below 1990 levels, both to be achieved before 2045 (2022 CARB Scoping Plan, p. 77). The 2022 CARB Scoping Plan also places particular emphasis on decarbonizing industrial facilities by "displacing fossil fuel use with a mix of electrification, solar thermal heat, biomethane, low- or zero-carbon hydrogen, and other low-carbon fuels to provide energy for heat and reduce combustion emissions" (2022 CARB Scoping Plan, p. 208). The Project is inconsistent with these goals because the facilities, including the energy used by the data center and substation would create an additional large source of emissions from non-renewable sources, contrary to the statewide electrification and decarbonization contemplated by the 2022 Scoping Plan.

And the Project's use of diesel-powered backup generators, which are projected to produce 2,062 MTCO2e *[sic]* per year indefinitely (MND, p. 92) is inconsistent with the 2022 Scoping Plan's goal of achieving carbon neutrality by 2045.

Response to Comment 2-6

The comment claims that the Project is inconsistent with certain goals of the 2022 Scoping Plan because " . . . the energy used by the data center and substation would create an additional large source of emissions from non-renewable sources, contrary to the statewide electrification and decarbonization contemplated by the 2022 Scoping Plan." This comment is inaccurate based on the following.

The comment references the 2022 CARB Scoping Plan goals for "50% of all industrial energy demand to be electrified and statewide emissions be reduced to 85% below 1990 levels, both to be achieved before 2045 (2022 CARB Scoping Plan, p. 77)." This language does not appear on

page 77 of the 2022 Scoping Plan, and thus hinders a reasoned response. Nonetheless, if the comment is generally referring to electrification goals for industry uses, see the response below, which explains how the Project is electrified for onsite operational activities.

Specifically, the Project would be consistent with this apparent goal (stated by the comment) because the Project would not use natural gas (see IS/MND page 14), and all of the Project's energy emission occur from electricity to power the data center. That electricity would be delivered by Southern California Edison (SCE), which has a mix of electricity produced by renewable energy sources as part of the utility's obligation to comply with the Renewable Portfolio Standard (RPS) in this region. Therefore, the Project is consistent with electrification goals.

Next, the comment also cites the 2022 CARB Scoping Plan statement that decarbonizing industrial facilities depends on "displacing fossil fuel use with a mix of electrification, solar thermal heat, biomethane, low- or zero-carbon hydrogen, and other low-carbon fuels to provide energy for heat and reduce combustion emissions. (2022 CARB Scoping Plan, p. 208)." It should be noted that that statement is on page 207 (not 208) of the 2022 CARB Scoping Plan. As stated therein, "California industry includes a diverse range of facilities, including cement plants, refineries, glass manufacturers, oil and gas producers, paper manufacturers, mining operations, metal processors, and food processors." Note that these types of industries are different than a high-technology data center, and typically have more onsite industrial processes that require onsite fossil fuel consumption and direct GHG emissions. Thus, the Project is distinguished from the listed industry uses because its daily operations are electrified. Hence, the Project is consistent with the aforementioned 2022 CARB Scoping Plan goal because it does not include natural gas, or other fossil fuels, to power daily operations, which thereby facilitates Statewide decarbonization goals.

Last, the comment states that "the Project's use of diesel-powered backup generators, which are projected to produce 2,062 MTCO2e [*sic*] per year indefinitely (MND, p. 92) is inconsistent with the 2022 Scoping Plan's goal of achieving carbon neutrality by 2045." That comment is not supported by evidence and the 2022 Scoping Plan does not appear to address emergency generators directly. As a basic matter, the IS/MND does not state that the generators will produce emissions "indefinitely." That is a misstatement by the comment. Moreover, the IS/MND modeled generator emissions to disclose potential impacts even though backup generators would only be used in the event of a power failure and would not be part of the Project's normal daily operations. Nonetheless, emissions associated with this equipment were included to be conservative. It should also be noted that emergency backup generators must meet SCAQMD's Best Available Control Technology (BACT) requirements and comply with SCAQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines), which would minimize emissions. The comment infers that backup generators are

inconsistent with the 2022 Scoping Plan, but does not offer substantial evidence. The 2022 Scoping Plan does not prohibit backup generators. Accordingly, the comment mischaracterized the inclusion of emergency generators on a project as inconsistent with State carbon neutrality goals at the macro industry level.

Comment 2-7

The MND Should Have Also Analyzed Other Applicable Plans

The City chose, as its second GHG threshold, whether the Project would "conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases." (MND, p. 83.) This language requires that the MND analyze the Project's consistency with all other applicable plans, not just the plans that the City prefers to analyze.

The Project must show consistency with long-term State GHG goals for the entirety of the Project's anticipated lifespan to comply with CEQA. In particular, the MND must also demonstrate consistency with Senate Bill 32, which requires statewide GHG emissions to be reduced to 40% below 1990 levels by 2030, and Executive Order B-55-18 (**EO B-55-18**) which requires the State of California to achieve carbon neutrality—net zero GHG emissions—by 2045.

The Project is inconsistent with both because it does not prohibit the use of gasoline, diesel, and natural gas, and burning such non-renewable fuels results in substantial GHG emissions. Further, the data center would use an immense amount of electricity, which generates high quantities of GHGs, preventing the Project from ever achieving carbon neutrality without offsets or a 100% clean energy source.

Response to Comment 2-7

The comment incorrectly states that "[t]he City chose, as its second GHG threshold, whether the Project would "conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases." (MND, p. 83.) This language requires that the MND analyze the Project's consistency with *all* other applicable plans, not just the plans that the City prefers to analyze." (*Emphasis* added). That statement is factually and legally incorrect.

Factually, see Response to Comment 2-2, which explains the applicable threshold of significance that the Lead Agency used in the IS/MND. To summarize, that response provides that, "in the absence of any adopted numeric threshold, the City has determined that the significance of the Project's GHG emissions as provided in CEQA Guidelines Section 15064.4(b)(2) will be assessed by determining whether the Project is consistent with applicable plans, policies, regulations adopted for the purpose of reducing the emissions of greenhouse gases. *Therefore, under this analysis, a significant impact would occur if the Project would conflict with applicable regulatory plans and policies of the lead agency (i.e., the City of Monterey Park) to reduce GHG emissions discussed within the City's CAP*. The analysis below describes the extent to which the Project

complies with the regulations outlined in the CAP." (*Emphasis* added). Therefore, the City exercised its discretion to analyze GHG impacts using the City's CAP for consistency analysis. Hence, the comment is factually incorrect that the IS/MND must use all other plans to determine a significance conclusion.

Legally, the CEQA Guidelines grant agencies discretion to determine, in the context of a particular project, whether to quantify GHG emissions resulting from a project or rely on a qualitative analysis (CEQA Guidelines Section 15064.4). Here, the IS/MND used the qualitative analysis of consistency with the City's CAP to inform the impact analysis, which is permissible. In addition, the Lead Agency may employ a methodology in which an agency evaluates the significance of a project's GHG impact by looking to compliance with regulatory programs designed to reduce GHG emissions, and such compliance may, provide sufficient evidence that the project will have no significant adverse effect on the environment. Furthermore, it should be noted that the CEQA Guidelines allow lead agencies to decide what threshold of significance it will apply to a project. Therefore, the City properly exercised its discretion in the IS/MND to select the applicable threshold for GHG analysis.

The comment also states that "[t]he Project is inconsistent with both because it does not prohibit the use of gasoline, diesel, and natural gas, and burning such non-renewable fuels results in substantial GHG emissions. Further, the data center would use an immense amount of electricity, which generates high quantities of GHGs, preventing the Project from ever achieving carbon neutrality without offsets or a 100% clean energy source." This comment is largely inapplicable to the Project and misconstrues the IS/MND.

From a general perspective, neither the applicable thresholds nor other applicable programs prohibit gasoline, diesel, and natural gas, and burning of non-renewable fuels. More importantly, the Project operations are mostly electrified and do not rely on gasoline, diesel, or natural gas for daily operations. Thus, the comment is generally inapplicable to Project operations. Moreover, it should be noted that, even for mobile sources, the Project would have minimal vehicle trips and the associated transportation GHG emissions would be minimal for this infill location. In addition, it should be noted that diesel emissions would only occur from limited use of the emergency backup generators, which are analyzed in the IS/MND. Additionally, the Project would not use natural gas (see IS/MND page 14). Finally, it should be noted that there is not a legally applicable requirement for the Project to achieve carbon neutrality or purchase offsets or use a 100 percent clean energy source, as implied by the comment. As explained in the IS/MND, the utility company SCE would provide electricity to the Project and that electricity supply is comprised of clean energy sources pursuant to SCE's RPS requirements.

Comment 2-8

Additionally, the City should have demonstrated consistency with the 2017 Scoping Plan, which was developed to facilitate California's compliance with SB 32 and requires statewide GHG emissions to be reduced to 40% below 1990 levels by 2030. (Health & Safety Code § 38566.) The MND did not discuss how the Project is consistent with any of the goals, including the 2050 goal of 80% below 1990 levels. The 2017 Scoping Plan also sets out statewide goals for total GHG emissions targets of 6 MTCO2e/capita *[sic]* by 2030, and 2 MTCO2e/capita *[sic]* by 2050 (CARB Scoping Plan, p. 99).

With the Project's net operational GHG emissions at 85,309 MTCO2e *[sic]* annually, the Project's per-service population GHG emissions would be over 3,000 MTCO2e *[sic]*, nowhere near the 2030 target, let alone the 2050 target.[2] Thus, the Project's GHG impact is significant under the second threshold because it is inconsistent with applicable plans for the reduction of GHGs.

Footnote 2: 85,309 *MTCO2e* ÷ 26 e*mployees* = 3,281.1 *MTCO2e/service population [sic]*

Employee data obtained from the Population and Housing section of the MND. (MND, p. 127).

Response to Comment 2-8

The comment claims that "the City should have demonstrated consistency with the 2017 Scoping Plan." This comment is noted. However, the 2022 Scoping Plan updated all prior scoping plans. The 2022 Scoping Plan states that it is the third update to the original scoping plan adopted in 2008, and accordingly, it has carried forward and updated the scoping plans from 2008, 2013, and 2017. Therefore, the comment is incorrect that the City was required to analyze the 2017 Scoping Plan. Moreover, as noted in Response to Comment 2-2 above, the City as the Lead Agency exercised its discretion to utilize compliance with its CEQA-qualified climate action plan as the threshold of significance for analysis of the Project.

The comment also mentions the 2017 Scoping Plan's goal of 6 $MTCO_2e$ per capita by 2030. However, it should be noted that the 2022 Scoping Plan is the most recent plan and does not include a per capita target or threshold of significance for individual projects. In addition, compliance with the 2017 Scoping Plan is not the applicable threshold of significance in the IS/MND in any case. Generally, it should be noted that Statewide per capita emissions are used as a metric to evaluate Statewide emissions and are not intended for specific projects. Therefore, the comment incorrectly applies the 2017 Scoping Plan's 6 $MTCO_2e$ Statewide metric to the Project as a threshold. A project level per capita emissions threshold has not been established by CARB. Furthermore, the Statewide GHG per capita goal is also an inappropriate comparison because it based service population on California residents and employees. Additionally, even if it did apply, which it does not, it would be erroneous to compare a State-level service population target to an individual development project threshold. Since it is unknown the precise number of people that would be served by the Project annually, it would be speculative to calculate the emissions per capita (service population) without factoring in the number of end users.

Therefore, the commenter's calculation and reasoning above is based on inaccurate assumptions and an inapplicable threshold of significance.

Comment 2-9

The City Should Have Required an EIR

No mitigation measures were considered for GHGs due to the erroneous determination of less-than-significant impact. If the City had used appropriate significant thresholds and accurate analysis, it would have concluded that the Project's GHG emissions are significant. Inconsistency with applicable plans for the reduction of GHG emissions supports a fair argument that the Project would have a significant environmental effect. Therefore, the City was mistaken in its choice to create an MND for a Project that would likely create such a considerable GHG impact and the City should have prepared an EIR and mitigate to the extent required by CEQA.

It is feasible to reduce the GHG emissions from the Project's electricity usage by opting into Southern California Edison's clean power option. The Project intends to utilize SCE's default energy mix which would include 33.2 percent of the electricity to be derived from renewable sources. Yet, there is nothing preventing the City from opting into the SCE's Green Rate Program which can allow the Project to purchase solar power for up to 100% of its energy usage.[3]

Footnote 3: See https://www.sce.com/sites/default/files/custom-files/PDF_Files/Green_Rate_Business_Factsheet_2023.pdf

Response to Comment 2-9

Refer to Response to Comment 2-2 and Response to Comment 2-3 regarding the GHG thresholds. Also refer to Response to Comment 2-5 and Response to Comment 2-6 regarding consistency with applicable GHG reduction plans. The IS/MND analysis and the responses above demonstrate with substantial evidence that the Project's GHG emissions would not be significant and that the Project would not conflict with the applicable GHG reduction plans. None of the comments above identify any new significant environmental issues or impacts that were not already addressed in the IS/MND. Neither these comments nor the responses constitute new information requiring recirculation of the IS/MND or preparation of an EIR.

The comment also states that " . . . there is nothing preventing the City from opting into the SCE's Green Rate Program which can allow the Project to purchase solar power for up to 100% of its energy usage." The comment is general in nature and noted.

Comment 2-10

Conclusion

For the reasons given in this letter, the MND is not in conformance with CEQA requirements. Notably, the GHG significance analysis was inadequate, and the City should have concluded that

the Project would contribute to a significant GHG impact. The MND fails as an informational document and is misleading to decision-makers and the public.

Please put Advocates for the Environment on the interest list to receive updates about the progress of this Project. We make this request under Public Resources Code, section 21092.2.

Response to Comment 2-10

The comment provides concluding remarks and does not raise new issues. The Lead Agency will add Advocates to the interested parties list.

Letter 3

Adams Broadwell Joseph & Cardozo
601 Gateway Boulevard, Suite 1000
South San Francisco, CA 94080-7037
Received December 2, 2024

Comment 3-1

We are writing on behalf of Coalition for Responsible Equitable Economic Development Los Angeles ("CREED LA") to provide comments on the Initial Study / Mitigated Negative Declaration ("MND") prepared by the City of Monterey Park ("City") for the 1977 Saturn Data Center Project (SCH No. 2024101397) ("Project") proposed by SDCF Monterey Park, LLC ("Applicant").[1]

The Project proposes to construct a new 218,400-square-foot data center with an ancillary equipment yard, substation, parking, and landscaping.[2] An approximately 75,000-square-foot ancillary equipment yard would be located adjacent to the north side of the data center. The Project would include twelve four megawatts ("MW") back-up diesel generators to provide power in the event of an emergency. The Project would also include a 24,000-square-foot electrical substation. Project construction is anticipated to last approximately 24 months. The Project is proposed to be located at 1977 Saturn Street (APN No. 5265-026-054) in the City of Monterey Park, in Los Angeles County, California. Project construction is anticipated to occur over one phase, lasting approximately 24 months, beginning as early as September 2025 and ending as early as August 2027. These comments were prepared with the assistance of air quality, health risk, and GHG expert Dr. James Clark, Ph.D. and noise and vibration expert Ms. Deborah Jue. Comments and curriculum vitae of Dr. Clark are attached to this letter as Exhibit A.[3] Ms. Jue's comments and curriculum vitae are included as Exhibit B.[4] Exhibit A and B are fully incorporated herein and submitted to the City herewith. We reserve the right to supplement these comments at a later date and at any future proceedings related to this Project.[5]

Footnote 1: City of Monterey Park, Public Review Draft Initial Study/Mitigated Negative Declaration, 1977 Saturn Data Center Project (Oct. 2024) (hereinafter "MND").

Footnote 2: MND, p. 5.

Footnote 3: **Exhibit A**: Letter from James Clark to Adams Broadwell Joseph & Cardozo, Comment Letter on Initial Study/Mitigated Negative Declaration (IS/MND) For 1977 Saturn Data Center Project, City of Monterey Park, CA. (Dec. 2, 2024) ("**Clark Comments**").

Footnote 4: **Exhibit B**: Letter from Deborah Jue to Adams Broadwell Joseph & Cardozo, 1977 Saturn Data Center Project Mitigated Negative Declaration, Comments on the Noise and Vibration Analysis (Nov. 27, 2024) ("**Jue Comments**").

Footnote 5: Gov. Code § 65009(b); PRC § 21177(a); *Bakersfield Citizens for Local Control v. Bakersfield* ("*Bakersfield*") (2004) 124 Cal. App. 4th 1184, 1199-1203; see *Galante Vineyards v. Monterey Water Dist.* (1997) 60 Cal. App. 4th 1109, 1121.

Response to Comment 3-1

This comment is an introduction to CREED LA, represented by Adams Broadwell Joseph & Cardozo, and also contains a summary of the Project as described in **Section 2.0: Project Description** of the Public Review Draft Initial Study/Mitigated Negative Declaration (IS/MND). This comment does not focus on the adequacy of the IS/MND or its analysis of potentially significant impacts. Therefore, no further response is required. It should be noted that this comment refers to letters prepared by James Clark, from Clark & Associates, (Clark Letter) and Deborah Jue, from Wilson Ihrig, (Jue Letter), which were attachments to the CREED LA comment letter. Detailed responses to the Clark Letter and Jue Letter are provided in Response to Comments 3-21 to 3-37, respectively below.

Comment 3-2

I. STATEMENT OF INTEREST

CREED LA is an unincorporated association of individuals and labor organizations that may be adversely affected by the potential public and worker health and safety hazards, and the environmental and public service impacts of the Project. The coalition includes the Sheet Metal Workers Local 105, International Brotherhood of Electrical Workers Local 11, Southern California Pipe Trades District Council 16, and District Council of Iron Workers of the State of California, along with their members, their families, and other individuals who live and work in the City of Monterey Park. Accordingly, they would be directly affected by the Project's environmental and health and safety impacts.

Individual members of CREED LA and its member organizations include Monterey Park residents Matthew Ortiz, Jesse Estrada and Kristian Garcia. Individual members may also work on the Project itself. They would be first in line to be exposed to any health and safety hazards that exist onsite.

CREED LA seeks to ensure a sustainable construction industry over the long-term by supporting projects that have positive impacts for the community, and which minimize adverse environmental and public health impacts. CREED LA has an interest in enforcing environmental laws that encourage sustainable development and ensure a safe working environment for its members. Environmentally detrimental projects can jeopardize future jobs by making it more difficult and more expensive for business and industry to expand in the region, and by making the area less desirable for new businesses and new residents. Indeed, continued environmental degradation can, and has, caused construction moratoriums and other restrictions on growth that, in turn, reduce future employment opportunities.

Response to Comment 3-2

This comment generally introduces CREED LA as an unincorporated association of individuals and claims that members of CREED LA, living in the City, could be affected by the Project's environmental impacts. The comment does not provide evidence that members of CREED LA live in the City. Nor does this comment substantiate how CREED LA members potentially working on the Project (which is speculative) could be exposed to impacts. Next, the comment generally sets forth CREED LA's mission regarding the construction industry, which does not focus on the adequacy of the IS/MND or its analysis of potentially significant impacts. Therefore, no further response is required.

Comment 3-3

II. LEGAL BACKGROUND

CEQA requires that lead agencies analyze any project with potentially significant environmental impacts in an EIR, except in limited circumstances.[6] The purpose of an EIR "is to inform the public and its responsible officials of the environmental consequences of their decisions *before* they are made. Thus, the EIR protects not only the environment, but also informed self-government."[7] The EIR has been described as "an environmental 'alarm bell' whose purpose is to alert the public and its responsible official to environmental changes before they have reached ecological points of no return."[8]

A negative declaration may be prepared instead of an EIR when, after preparing an initial study, a lead agency determines that a project "would not have a significant effect on the environment."[9] Courts have held that if "no EIR has been prepared for a nonexempt project, but substantial evidence in the record supports a fair argument that the project may result in significant adverse impacts, the proper remedy is to order preparation of an EIR."[10]

The presumption in favor of preparing an EIR, rather than a negative declaration, is reflected in the "fair argument" standard. Under that standard, the lead agency "shall" prepare an EIR whenever substantial evidence in the whole record before the agency supports a fair argument that a project may have a significant effect on the environment.[11] The fair argument standard creates a "low threshold" of favoring environmental review through an EIR, rather than through a negative declaration.

"Substantial evidence" required to support a fair argument is defined as "enough relevant information and reasonable inferences from this information that a fair argument can be made to support a conclusion, even though other conclusions might also be reached."[12] "[I]n marginal cases where it is not clear whether there is substantial evidence that a project may have a significant effect on the environment, the lead agency shall be guided by the following principle: If there is disagreement among expert opinion supported by facts over the significance of an

effect on the environment, the Lead Agency shall treat the effect as significant and shall prepare an EIR."[13]

With respect to this Project, the MND fails to satisfy the basic purposes of CEQA. The MND fails to adequately disclose, investigate, and analyze the Project's potentially significant impacts, and fails to provide substantial evidence to conclude that impacts will be mitigated to a less than significant level. Because the MND lacks basic information regarding the Project's potentially significant impacts, the MND's conclusion that the Project will have a less than significant impact on the environment is unsupported.[14] The City failed to gather the relevant data to support its finding of no significant impacts, and substantial evidence shows that the Project may result in potentially significant impacts. As detailed herein and in the attached expert comments, substantial evidence supports a fair argument that the Project may result in significant and unmitigated impacts to air quality, public health, greenhouse gases, and from noise. The City must prepare an EIR that analyzes, discloses, and mitigates these impacts and which considers less environmentally damaging alternatives.

Footnote 6: Pub. Resources Code, § 21000; CEQA Guidelines, § 15002.

Footnote 7: *Citizens of Goleta Valley v. Bd. of Supervisors* (1990) 52 Cal.3d 553, 564 (internal citations omitted).

Footnote 8: *County of Inyo v. Yorty* (1973) 32 Cal.App.3d 795, 810.

Footnote 9: *Quail Botanical Gardens v. City of Encinitas* (1994) 29 Cal.App.4th 1597; Pub. Resources Code, § 21080(c).

Footnote 10: *Communities for a Better Environment v. South Coast Air Quality Management Dist.* (2010) 48 Cal.4th 310, 319-320.

Footnote 11: Pub. Resources Code, §§ 21080(d), 21082.2(d); CEQA Guidelines, §§ 15002(k)(3), 15064(f)(1), (h)(1); *Laurel Heights Improvement Assn. v. Regents of the Univ. of Cal.* (1993) 6 Cal.4th 1112, 1123; *No Oil, Inc. v. City of Los Angeles* (1974) 13 Cal.3d 68, 75, 82; *Stanislaus Audubon Society, Inc. v. County of Stanislaus* (1995) 33 Cal.App.4th 144, 1501-51; *Quail Botanical Gardens Found., Inc. v. City of Encinitas* (1994) 29 Cal.Appl.4th 1597, 1601-1602.

Footnote 12: CEQA Guidelines, § 15384(a).

Footnote 13: CEQA Guidelines, § 15064(g).

Footnote 14: Pub. Resources Code, § 21064.5.

Response to Comment 3-3

This comment first describes various levels of CEQA review available under the law including negative declarations and environmental impact reports. That portion of the comment does not focus on the adequacy of the IS/MND or its analysis of potentially significant impacts. Therefore, no further response is required.

With respect to this Project, the comment generally claims that the IS/MND fails to satisfy the basic purposes of CEQA and fails to provide substantial evidence, and then generally refers to issues identified in the remainder of the comment letter. Responses to the specific claims in this comment are provided below in Response to Comments 3-4 through 3-37. The comment is incorrect regarding its substantial evidence claim. It should also be noted that the IS/MND contains over 5,000 pages of impact analysis and analytical technical reports, including but not limited to, an air quality report, health risk assessment, tree evaluation, cultural resources assessment, energy evaluation, geotechnical investigation, greenhouse gas emissions report, environmental site assessment report, water resources technical report, noise and vibration report, transportation report, tribal consultation documentation, water and sewer infrastructure report, and a water efficiency report. Together, these reports and the supplemental information provided in response to public comments on the IS/MND provide substantial evidence to support the conclusions of the CEQA document.

Moreover, it should be noted that the commenter (the Adams Broadwell Joseph & Cardozo law firm on behalf of CREED LA) has withdrawn its comments and supports the Project. Specifically, on August 12, 2025, the law firm submitted a letter to the City stating in part that " . . . CREED LA's objections to the Project, and concerns regarding the MND are fully resolved, and we respectfully request that the City adopt the MND, approve the Project, and conclude the administrative review process as soon as possible." Similarly, on August 13, 2025, CREED LA submitted a letter to the City that memorialized CREED LA's strong support for the Project and applauding the applicant for creating a high-technology project in an environmentally sensitive manner. CREED LA requested that the City approve the Project at its earliest convenience. These comments are noted for the record.

Acknowledging the support from CREED LA, and the retraction by its law firm, the reasoned responses to comments below are nonetheless provided in good faith to supplement the administrative record for the IS/MND.

Comment 3-4

III. THE MND FAILS TO PROVIDE AN ADEQUATE DESCRIPTION OF THE ENVIRONMENTAL SETTING

The MND fails to adequately describe the environmental setting against which the Project's environmental impacts are to be measured for several critical aspects of the Project. This contravenes the fundamental purpose of the environmental review process, which is to determine whether there is a potentially substantial, adverse change compared to the existing setting. [15] CEQA requires that a lead agency include a description of the physical environmental conditions, or "baseline," in the vicinity of the project as they exist at the time environmental review commences.[16] As the courts have repeatedly held, the impacts of a project must be measured against the "real conditions on the ground."[17] The description of the environmental setting constitutes the "baseline" physical conditions against which the lead agency assesses the significance of a project's impacts.[18] An Environmental Setting is required "to give the public and decision makers the most accurate and understandable picture practically possible of the project's likely near-term and long-term impacts.[19]

Footnote 15: CEQA Guidelines, § 15063, subd. (d).

Footnote 16: CEQA Guidelines, § 15125(a); *Communities for a Better Environment v. South Coast Air Quality Management Dist.* (2010) 48 Cal. 4th 310, 321 ("*CBE v. SCAQMD*").

Footnote 17: *CBE v.* SCAQMD, 48 Cal. 4th at 321; *Save Our Peninsula Com. v. Monterey County Bd. of Supervisors* (2001) 87 Cal.App.4th 99, 121-22; *City of Carmel-by-the-Sea v. Bd. of Supervisors of Monterey County* (1986) 183 Cal.App.3d 229, 246.

Footnote 18: CEQA Guidelines, § 15125(a); *CBE v.* SCAQMD, 48 Cal. 4th at 321.

Footnote 19: 14 CCR § 15125(a).

Response to Comment 3-4

The comment states that the "MND fails to adequately describe the environmental setting against which the Project's environmental impacts are to be measured…" and provides general citations regarding baseline conditions. This comment is an introduction to Comments 3-5 and 3-6. Responses to those specific comments are provided below.

Comment 3-5

A. The MND Fails to Adequately Describe the Proximity to Sensitive Receptors

The MND provides that the "nearest sensitive receptors to the Project Site are multi-family residences located approximately 65 feet (approximately 20 meters) northwest of the Project Site."[20] The Health Risk Impact Assessment also relies on a 65 feet distance to nearby sensitive receptors to undergird its analysis.[21] However, substantial evidence demonstrates that sensitive receptors are closer than 65 feet from the Project site.[22] Based on the MND's Local Vicinity Map in Figure 2-2, the Project site directly abuts the residence at 2204 Iris Way, and may be as close

as 20 feet northwest from the construction zone of the Project site.[23] Construction activities occurring along to the Project's northwest property line will result in significant noise, air quality, and health risk impacts more severe than analyzed in the MND.[24] The MND's reliance on the geographic center of the Project site to inform its analysis of distances to sensitive receptors is therefore misplaced and unsupported by substantial evidence. As discussed below, the MND's failure to analyze the Project's proximity to nearby sensitive receptors results in an inaccurate analysis of the Project's construction and operational noise impacts.[25] The City must prepare an EIR which accurately analyzes the Project's environmental setting with respect to nearby sensitive receptors for air quality, health risk, and noise impacts before the Project can lawfully be approved.

Footnote 20: MND, p. 46.

Footnote 21: MND, Appendix B, p. 7.

Footnote 22: Jue Comments, p. 4.

Footnote 23: *Id.* at 5.

Footnote 24: *Id.*

Footnote 25: Jue Comments, p. 4.

Response to Comment 3-5

The main comments here claim that the IS/MND does not adequately analyze sensitive receptors with respect to air quality, noise and health risks. That claim is incorrect for several reasons, as discussed below. Overall, it should be noted that this comment refers to the letter prepared by Deborah Jue, from Wilson Ihrig, (Jue Letter), which were attachments to the CREED LA comment letter. See Response to Comment 3-36 for additional technical analysis for certain issues raised in this comment. In addition, see below for related responses. Also, see the Supplemental Technical Analysis for additional information verifying that impacts to sensitive receptors remain less than significant, as identified in the IS/MND.

First, the comment claims that the Health Risk Assessment relies on a 65 feet distance to nearby sensitive receptors to undergird its analysis. As a fundamental point, it should be noted that the 65-foot distance does not undergird the HRA, and such distance is largely irrelevant for air quality modeling purposes. That distance assumption by the comment misunderstands the methodology for performing HRA analysis. The HRA does not assume a setback distance from receptors. Instead, to be conservative, the HRA assigned and modeled emissions up to the fence line shared with the nearby sensitive receptors. That same approach is generally used for air quality analysis, including certain receptor distances from point sources. Therefore, the cancer risk assessment

included in Table 4.3-10: Construction Carcinogenic Risk Assessment of the IS/MND is accurate and not underestimated. In addition, see the Supplemental Technical Analysis, which contains additional health risk assessment and air quality analysis, as requested by a public agency, that also verifies health risks and air quality impacts to sensitive receptors are below the applicable thresholds and less than significant.

Second, the comment claims that the MND's reliance on the geographic center of the Project Site to inform its analysis of distances to sensitive receptors is misplaced and unsupported by substantial evidence. That claim is not true and is not consistent with established methodology for impact analysis. It is well-established industry protocol to use the center of a construction site for impact modeling purposes. Per FTA Noise and Vibration Impact Assessment Manual (2018) (FTA guidance) "Distance (D) – Assume that all equipment operates at the center of the project". The FTA guidance is regularly applied to land use projects by noise experts to determine potential noise impacts. This methodology is also factually accurate because construction equipment moves throughout a site over the course of a day and some equipment would be closer, and some equipment would be further away, from receptors during stages of construction.

The IS/MND (Appendix J Noise and Vibration Analysis Memorandum, page 12) clearly explains that "[t]he Project's existing surroundings include both residential and commercial uses. Following the FTA methodology for quantitative construction noise assessments, FHWA's Roadway Construction Noise Model (RCNM) was used to predict construction noise. All construction equipment is assumed to operate at the main construction area of the Project Site. During construction, equipment would be operating throughout the Project Site and not all equipment would be operating at the point closest to the sensitive receptors." And the IS/MND states that "[f]or the purposes of this analysis, the main construction activity areas are defined as the anticipated building construction area. Although some construction activities may occur at distances closer than 380 feet from the nearest properties, construction equipment would be dispersed throughout the Project Site during various construction activities. Therefore, main construction activity areas represent the most appropriate distance based on the sporadic nature of construction activities." Also, note that for construction noise impacts, the Monterey Park Municipal Code (MPMC) exempts construction noise impacts in any case.

It follows that, the IS/MND impact analysis used the proper modeling methodology and disclosed the accurate potential impacts. Accordingly, the IS/MND adequately analyzed potential impacts according to established protocol and applicable guidance.

Comment 3-6

B. The MND Fails to Adequately Quantify the Existing Noise Environment

The MND fails to adequately quantify the existing noise environment, against which to measure the Project's operational and construction noise impacts. Deborah Jue's comments provide that the MND's reliance on the metric Leq instead of the median noise level, L50, is misplaced.[26] L50 is the median noise level, Leq is the Equivalent Continuous Sound Level, but these metrics are not the same. The Leq can be very similar to L50, but it is often several decibels higher.[27] Ms. Jue's comments demonstrate that MND Table 4.13-6 erroneously relies on Leq instead of L50, which results in a significant underestimation of the Project's operational noise impacts.[28]

Further, the MND noise analysis relies on ambient noise levels of 56 to 65 Leq because the MND provides that "[a]mbient daytime noise levels include the operations of the two generators closest to sensitive receptors for generator testing."[29] Ambient noise levels should be calculated utilizing the noise levels in the existing environment, the baseline, not including Project components such as the two generators closest to sensitive receptors. Since the generators are part of the Project, their operation should be compared to the existing ambient noise level, without the project. The MND's analysis of the environmental setting with respect to noise is therefore unsupported. The Project may result in potentially significant noise impacts as demonstrated herein.

Footnote 26: *Id.* at 2.

Footnote 27: *Id.*

Footnote 28: *Id.* at 3.

Footnote 29: MND, p. 123.

Response to Comment 3-6

This comment claims that "[t]he MND fails to adequately quantify the existing noise environment, against which to measure the Project's operational and construction noise impacts." This comment is technically inaccurate for the following reasons.

To start with, the IS/MND, Appendix J: Noise and Vibration Analysis Memorandum explained that construction noise is exempt from the noise standards in the MPMC. Specifically, MPMC Section 4.50.100: Sound level limits – Exceptions provides that "[c]onstruction activities between seven a.m. and seven p.m. Monday through Friday, and between nine a.m. and six p.m. on Saturdays, Sundays and Holidays" are exempt from sound level limits in the MPMC. The Project would comply with the days and hours of activity established by the City code.

Second, the comment claims that " . . . the MND's reliance on the metric L_{eq} instead of the median noise level, L_{50}, is misplaced." That claim is inaccurate because it misstates the acceptable noise modeling methodology used in the IS/MND. The ambient noise measurements shown in IS/MND Table 4.13-2 are based on data collected by Veneklasen Associates (refer to IS/MND Appendix J). This noise measurement data are in fact the L_{50} (median) noise levels. IS/MND Table 4.13-2 uses the term "Average Level" in the column heading, but is not intended to mean L_{eq}. The term "Average Level" is intended to differentiate between the daytime and nighttime noise levels also reported in the table. The comment incorrectly assumes that the measured noise levels are L_{eq} and not L_{50}. Additionally, it is noted that the IS/MND inadvertently labeled the noise metrics in the column headings as L_{eq}. Therefore, IS/MND Table 4.13-6 will be revised in the Supplemental Technical Analysis to correct this typographical error and indicate the dBA as L_{50} for the Ambient Noise Level Daytime and Ambient Noise Level Nighttime columns. Note that there are no quantitative changes to the noise levels in the table, this correction is merely to the column headings to reflect that L_{50} was used.

Table 4.13-6: Mechanical Equipment Noise Levels

Receptor	Project Operational Noise Level - Daytime (dBA L_{eq})[1]	Ambient Noise Level - Daytime (dBA ~~L_{eq}~~ L_{50})[2]	Exceed?	Project Operational Noise Level - Nighttime (dBA L_{eq})	Ambient Noise Level - Nighttime (dBA ~~L_{eq}~~ L_{50})[2]	Exceed?
Single Family Residences (West)	50	56	No	50	54	No
Single Family Residences (Northeast)	56	61	No	56	56	No
Commercial Use (Northeast)	55	65	No	55	65	No

1. Ambient daytime noise levels include the operations of the two generators closest to sensitive receptors for generator testing.
2. Per MPMC Section 4.50.080, the generated noise levels must not exceed the median ambient noise level at the receptors or the measured ambient noise level, whichever is greater.

Source: Refer to Attachment B of **Appendix J** for noise modeling results.

Finally, the comment claims that "[a]mbient noise levels should be calculated utilizing the noise levels in the existing environment, the baseline, not including Project components such as the two generators closest to sensitive receptors." The comment is correct, and as explained below, the applicable footnote has been revised to clarify that the IS/MND did in fact measure and model the existing baseline noise condition without inclusion of any component of the Project. This comment refers to Table 4.13-6 on page 123 of the IS/MND, which stated that "[a]mbient

daytime noise levels include the operations of the two generators closest to sensitive receptors for generator testing." To be clear, the noise modeling did not assume generator operations for existing ambient conditions (existing noise sources are discussed on page 115 of the IS/MND and page 29 of Appendix J). Thus, the footnote will be revised to state instead that "Ambient daytime Project operational noise levels include the operations of the two generators closest to sensitive receptors for generator testing." Therefore, noise levels assumed for existing ambient conditions, as well as the noise levels from the testing of emergency generators, although temporary and occasional, have been accurately accounted for in the operational noise analysis.

Comment 3-7

IV. AN EIR IS REQUIRED FOR THE PROJECT BECAUSE THERE IS SUBSTANTIAL EVIDENCE SUPPORTING A FAIR ARGUMENT THAT THE PROJECT MAY HAVE SIGNIFICANT, UNMITIGATED AIR QUALITY IMPACTS

A negative declaration is improper, and an EIR must be prepared, whenever it can be fairly argued on the basis of substantial evidence that the project may have a significant environmental impact.[30] [S]ignificant effect on the environment" is defined as "a substantial, or potentially substantial, adverse change in the environment."[31] An effect on the environment need not be "momentous" to meet the CEQA test for significance; it is enough that the impacts are "not trivial."[32] Substantial evidence, for purposes of the fair argument standard, includes "fact, a reasonable assumption predicated upon fact, or expert opinion supported by fact."[33]

Moreover, the failure to provide information required by CEQA is a failure to proceed in the manner required by CEQA.[34] Challenges to an agency's failure to proceed in the manner required by CEQA, such as the failure to address a subject required to be covered in an MND or to disclose information about a project's environmental effects or alternatives, are subject to a less deferential standard than challenges to an agency's factual conclusions.[35] Even when the substantial evidence standard is applicable to agency decisions to certify an MND and approve a project, reviewing courts will not 'uncritically rely on every study or analysis presented by a project proponent in support of its position. A clearly inadequate or unsupported study is entitled to no judicial deference.'"[36]

As discussed below, CREED LA's expert James Clark presented direct and substantial evidence raising a fair argument that the Project will have significant environmental impacts. An EIR must be prepared to further evaluate and mitigate the significant impacts to less than significant levels.

Footnote 30: PRC § 21151; 14 CCR § 15064(f); *Citizens for Responsible Equitable Envt'l Dev. v. City of Chula Vista* ("*CREED*") (2011) 197 Cal.App.4th 327, 330-31; *Communities for a Better Env't v. South Coast Air Quality Mgmt. Dist.* (2010) 48 Cal.4th 310, 319 ("*CBE v. SCAQMD*").

Footnote 31: PRC § 21068; 14 CCR § 15382; *County Sanitation Dist. No. 2 v. County of Kern* (2005) 127 Cal.App.4th 1544, 1581.

Footnote 32: *No Oil, Inc. v. City of Los Angeles* (1974) 13 Cal.3d 68, 83.

Footnote 33: PRC § 21080(e)(1) (emphasis added); *CREED*, 197 Cal.App.4th at 331.

Footnote 34: *Sierra Club v. State Bd. Of Forestry* (1994) 7 Cal.4th 1215, 1236.

Footnote 35: *Vineyard Area Citizens for Responsible Growth, Inc. v. City of Rancho Cordova* (2007) 40 Cal.4th 412, 435.

Footnote 36: *Berkeley Jets*, 91 Cal.App.4th at 1355.

Response to Comment 3-7

This comment is an introduction to the specific comments thereafter. The comment generally recites legal cases and claims that an EIR must be prepared to further evaluate and mitigate potential impacts. Refer to Response to Comments 3-8 through 3-10 for more detailed responses.

Comment 3-8

A. Substantial Evidence Supports a Fair Argument that the Project May Result in Potentially Significant Impacts from the Backup Generators

The MND fails to analyze the Project's potentially significant environmental impacts from the use of backup generators. Twelve four-MW backup generators with a total generation capacity of up to 48 MW and the two redundant back-up generators would be located outdoors in an approximately 75,000-square-foot ancillary equipment yard, adjacent to the north side of the data center.[37] Dr. Clark's comments demonstrate that the Project results in significant air quality and health risk impacts associated with operation of the backup generators that are more severe than disclosed in the MND.[38] Dr. Clark determined that the MND only accounts for a total of 50 hours of testing for the generators.[39] But, each of the 14 generators is permitted to be tested for 50 hours per year, which accounts for a total of 700 hours per year. This results in significant emissions of diesel particulate matter ("DPM") which are not accounted for in the MND.[40] Without binding mitigation to limit the testing of the backup generators to 50 hours total per year, the air quality and health risk impacts associated with DPM and TAC emissions is significant and unmitigated.[41]

DPM is a toxic air contaminant (TAC) that is recognized by state and federal agencies as causing severe health risk because it contains toxic materials, unlike PM2.5 and PM10.42 Diesel exhaust has been linked to a range of serious health problems including an increase in respiratory disease, lung damage, cancer, and premature death.[43] Fine DPM is deposited deep in the lungs in the smallest airways and can result in increased respiratory symptoms and disease; decreased lung function, particularly in children and individuals with asthma; alterations in lung tissue and

respiratory tract defense mechanisms; and premature death.[44] Exposure to DPM increases the risk of lung cancer.[45] It also causes non-cancer effects including chronic bronchitis, inflammation of lung tissue, thickening of the alveolar walls, immunological allergic reactions, and airway constriction.[46] Dr. Clark's comments provide substantial evidence that DPM emissions represent a significant health risk requiring additional analysis and mitigation in an EIR.

Under the fair argument standard, a lead agency "shall" prepare an EIR whenever substantial evidence in the whole record before the agency supports a fair argument that a project may have a significant effect on the environment.[47] The phrase "significant effect on the environment" is defined as "a substantial, or potentially substantial, adverse change in the environment."[48] Dr. James Clark finds a significant health risk from exposure to TAC emissions, which constitutes substantial evidence supporting a fair argument that health risk is significant and unmitigated.

An EIR must be prepared which quantifies the Project's emissions of toxic air contaminants ("TAC"), and compares them to the SCAQMD's quantitative cancer threshold of 10/million,[49] in order to adequately assess and disclose the Project's air quality impacts on human health.[50] Absent this analysis, the City lacks substantial evidence to conclude that the Project's health risk impacts are less than significant.

Footnote 37: MND, p. 5.

Footnote 38: Clark Comments, p. 7.

Footnote 39: *Id.*

Footnote 40: *Id.*

Footnote 41: *Id.*

Footnote 42: *Id.*

Footnote 43: *Id.*

Footnote 44: *Id.*

Footnote 45: *Id.*

Footnote 46: Clark Comments, p. 7.

Footnote 47: Pub. Res. Code §§21080(d), 21082.2(d); 14 Cal. Code Reg. §§ 15002(k)(3), 15064(f)(1), (h)(1); *Laurel Heights Improvement Assn. v. Regents of the Univ. of Cal.* (1993) 6 Cal.4th 1112, 1123; *No Oil, Inc. v. City of Richmond* (1974) 13 Cal.3d 68, 75, 82; *Stanislaus Audubon Society, Inc. v. County of Stanislaus* (1995) 33 Cal.App.4th 144, 150-151; *Quail Botanical Gardens Found., Inc. v. City of Encinitas* (1994) 29 Cal.App.4th 1597, 1601-1602.

Footnote 48: Pub. Resources Code, § 21068.

Footnote 49: See South Coast AQMD Air Quality Significance Thresholds, available at https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=

2ahUKEwjc1oThoK3_AhUUHTQIHcYKBTsQFnoECAoQAQ&url=https%3A%2F%2Fwww.aqmd.gov%2Fdocs%2Fdefault-source%2Fceqa%2Fhandbook%2Fsouth-coast-aqmd-air-quality-significance-thresholds.pdf%3Fsfvrsn%3D25&usg=AOvVaw07n1OZu8NvvtfqOAnstLMG.

Footnote 50: *Sierra Club v. County of Fresno* (2018) 6 Cal.5th 502, 519; *Bakersfield Citizens for Local Control v. City of Bakersfield* (2004) 134 Cal.App.4th 1184, *1220* ("After reading the EIRs, the public would have no idea of the health consequences that result when more pollutants are added to a nonattainment basin. On remand, the health impacts resulting from the adverse air quality impacts must be identified and analyzed in the new EIRs.").

Response to Comment 3-8

This comment summarizes the points contained in Comment 3-9, Comment 3-22, Comment 3-23, and Comment 3-25. This comment asserts several claims associated with its main claim that "[t]he MND fails to analyze the Project's potential significant impact from the use of backup generators. This claim is inaccurate as explained below.

First, the comment acknowledges that the IS/MND did in fact model the emergency generators. To clarify for the record, the IS/MND modeled the potential emissions from the emergency generators in Sections 4.6: Energy and 4.8: Greenhouse Gas Emissions. For the operational noise analysis in 4.13: Noise, MPMC Section 4.50.50 exempts generators used during an emergency situation (page 123 of the IS/MND). The commentor is correct that the generators when permitted could be tested for up to 50 hours per year, however not all generators would be tested for the full amount. The SCAQMD's permit to operate would impose standard operating procedures on the generators before operation.

In addition, it should be noted that the City has supplemented the IS/MND with further quantitative modeling of the emergency generators in response to agency public comments. That additional analysis is included in the Supplemental Technical Analysis (Kimley Horn, 2025). In the Supplemental Technical Analysis, the DPM associated with the testing and maintenance of the emergency generators has been modeled and analyzed. This supplemental information adds to the substantial evidence provided in the record that the Project's generators would not expose nearby receptors (both residences and workers) to health risk exceeding the SCAQMD thresholds or exceedances of either State or Federal standards. Therefore, the Project does not have a significant impact regarding generator emissions.

Moreover, as discussed on page 45 of the IS/MND, the Applicant is required to obtain Permits to Operate (PTO) from SCAQMD before the installation of or operation of any emergency generators, which would verify that the generators meet all applicable Best Available Control Technologies (BACT) requirements and that the generators comply with SCAQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines) and Rule 1401 (New Source Review of Toxic Air Contaminants). Further, as noted on

page 52 of the IS/MND, an operational health risk analysis would be required to comply with SCAQMD's Rule 1401 permit requirements. Before the generators can operate, DPM emissions and cancer risk associated with the proposed diesel generators would be regulated by the SCAQMD permit process to ensure that associated emission levels remain less than significant. Refer also to the responses to the SCAQMD letter in Letter 5.

Comment 3-9

Furthermore, Dr. Clark remodeled the operational emissions of the Project and found that based on a generator size of 5,376 brake horsepower (which would generate 4-MW of power), and limiting the operation to a total of 4.2 hours per month for all 14-generators, the generators would emit up to 166 lbs. per day of NOx, exceeding the SCAQMD's significance threshold of 55 lbs. per day.[51] Dr. Clark's comments provide substantial evidence demonstrating that the Project results in a significant air quality impact requiring review and mitigation in an EIR, before the Project can be approved.

Footnote 51: Clark Comments, p. 5.

Response to Comment 3-9

This comment summarizes comments in the Clark Letter. See Response to Comment 3-23 below. It is noted that the comment states that the Clark Letter remodeled Project operational emissions. However, the Clark Letter did not include attachments or modeling outputs and therefore lacks supporting evidence for its claims. Nonetheless, Response to Comment 3-23 responds to the points raised in the Clark Letter and clarifies the record.

Comment 3-10

V. AN EIR IS REQUIRED FOR THE PROJECT BECAUSE THERE IS SUBSTANTIAL EVIDENCE SUPPORTING A FAIR ARGUMENT THAT THE PROJECT MAY HAVE SIGNIFICANT, UNMITIGATED GHG IMPACTS

The MND concludes, absent substantial evidence, that the Project will result in less than significant GHG impacts.[52] The MND's GHG analysis memorandum does not include modeling files to support the GHG emissions calculations for the emergency generators. MND Table 5 provides that emergency generators will emit 2,062 metric tons of carbon dioxide equivalent ("$MTCO_2e$") but this estimate is unsupported. The CalEEMod modeling does not include emissions from the emergency generators and the City does not actually document how the 2,062 $MTCO_{2eq}$ value was derived.[53] The MND's conclusions regarding the Project's GHG impacts are therefore unsupported, and these impacts must be evaluated in an EIR for the Project.

Furthermore, Dr. Clark calculated that the Project will result in a more severe GHG impact than analyzed in the MND. Dr. Clark's comments demonstrate that the use of the General Office Building setting in the MND's CalEEMod air modeling underestimates the energy consumption

rate and resulting GHG and air pollutant emissions from the Project.[54] The GHG emissions are more significant than analyzed in the MND and require mitigation in an EIR before the Project can be approved.[55]

Footnote 52: MND, p. 75.

Footnote 53: Clark Comments, p. 6.

Footnote 54: *Id.*

Footnote 55: *Id. a*t 9.

Response to Comment 3-10

This comment summarizes comments in the Clark Letter. See Response to Comment 3-22, Comment 3-23, and Comment 3-25 below for a technical response.

Furthermore, as discussed in the project description on page 5 of the IS/MND, "the Applicant would install 14 gen-sets, each capable of producing four megawatts." The modeling of generators was included in Table 4.8-3: Operational Greenhouse Gas Emissions Opening Year (page 92) which shows the emissions related to testing and maintenance for 14 diesel emergency backup generators. While the exact model was unknown at the time of modeling, the generators would be CARB Tier 4 Final and therefore US EPA Tier 4 Final emission standards were used. Multiplied by 50 hours of testing and maintenance per year per engine, the facility pounds per day for each criteria pollutant and GHG was converted to tons per year. The revised GHG emissions calculations with 24 smaller emergency generators were calculated and included in the Supplemental Technical Analysis.

The second point the commentor makes is that ". . . use of the General Office Building setting in the MND's CalEEMod air modeling underestimates the energy consumption rate and resulting GHG and air pollutant emissions from the Project." That is incorrect and misstates how the CalEEMod air modeling was performed. In sum, the modeling used general CalEEMod land use assumptions, and importantly, user-provided assumptions that supplement the modeling to accurately reflect data center operations.

For example, the land use type selected in CalEEMod is appropriate and accurately represents the characteristics and operational use of the Project because it includes building construction for a generic structural shell of a building. Then the operational characteristics of a data center within that structure are provided as inputs to CalEEMod so the model accurately represents the proposed land use and operational characteristics. Furthermore, from a technical modeling perspective, CalEEMod offers a set of predefined land use categories based on standard land use types, however "data center" is not a predefined option. Hence, when selecting an input

category, the Lead Agency has the discretion to identify the category that most closely aligns with the proposed development in terms of use, density, and intensity. In this case, the land use type selected was General Office Building as it most closely matched the construction activities associated with the Project and overall building footprint. Then, importantly, that set of assumptions is supplemented to more accurately reflect data center operations.

Accordingly, where applicable, the modeling was further refined with Project-specific data or adjustments to default assumptions, such as trip generation rates, vehicle miles traveled (VMT), energy use, water and wastewater use. These refinements provide an accurate and precise depiction of the Project's emissions and are consistent with CEQA Guidelines and the CalEEMod User Guide recommendations. CalEEMod User Guide (2022) page 5 "The user has control over which defaults are overridden with more accurate, project-specific information, and how changes to those values affect other, linked inputs in the model."

Finally, the model outputs and assumptions were reviewed by qualified environmental professionals and are supported by substantial evidence in the administrative record.

Comment 3-11

VI. AN EIR IS REQUIRED FOR THE PROJECT BECAUSE THERE IS SUBSTANTIAL EVIDENCE SUPPORTING A FAIR ARGUMENT THAT THE PROJECT MAY HAVE SIGNIFICANT, UNMITIGATED HAZARDS IMPACTS

There is substantial evidence in support of a fair argument that the Project will create significant and unmitigated risks to human health and the environment from the accidental release of soil contaminants. These impacts are not disclosed in the MND and require preparation of an EIR. The MND is further inadequate because it relies on impermissibly vague and deferred mitigation measures to purportedly lessen or avoid these impacts, in violation of CEQA.

Response to Comment 3-11

This comment asserts that there is evidence that the Project could create a significant risk from the accidental release of soil contaminants. A more detailed response is provided below.

Comment 3-12

A. The MND Fails to Disclose the Project's Potentially Significant Hazards Impacts

The MND provides that the "[t]he Project site is not identified on a compiled hazardous materials site list pursuant to California Government Code Section 65962.5."[56] However, the Project site is on the Cortese List due to groundwater contamination issues, and, for that reason, is also listed on SWRCB's GeoTracker website.[57] The Project site was contaminated via leaks from three diesel underground storage tanks ("UST"). As of June 28, 2022, the Los Angeles Regional Water Quality Control Board Site data indicate that there may be residual concentrations of pollutants in soil at

this site that could pose an unacceptable risk as a result of future construction/redevelopment activities, and/or change to a more sensitive land use from commercial use.[58] The severity of this impact is not disclosed or mitigated in the MND.

Footnote 56: MND, p. 99.

Footnote 57: State Water Resources Control Board, Geotracker, BRE CA SATURN, LLC (T10000018576)
https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000018576

Footnote 58: Letter from Yue Rong, Ph.D. Program Manager, Underground Storage Tank Program, Los Angeles Regional Water Quality Control Board, to BRE CA SATURN LLC, Underground Storage Tank Program – Non-Case Determination (June 28, 2022), *available at*: https://documents.geotracker.waterboards.ca.gov/regulators/deliverable_documents/9720914542/1977%20Saturn%20St%20ncl%20(June%2028,%202022).pdf.

Response to Comment 3-12

As stated on page 99 of the IS/MND, Government Code Section 65962.5 refers to the Hazardous Waste and Substances Site List, commonly known as the Cortese List. The closest site on the Cortese List, and the only site listed within the City, is located at 900 Potrero Grande Drive, located approximately 0.37 miles southeast of the Project Site.[2] Therefore, there are no records of the Project Site being located on the Cortese List.

The State Water Resources Control Board (SWRCB) reference provided by the commenter for GeoTracker notes that there are no potential contaminants of concern, and that the informational item/review is completed as of June 28, 2022, which means that there is no need for a regulatory case and additional work required.[3] Therefore, there is no further action required by the SWRCB for the Project Site.[4] The USTs are discussed on pages 97 and 98 of the IS/MND and in the Phase I Environmental Site Assessment, included as Appendix H to the IS/MND. As noted therein, based on the regulatory closure, reported removal of the identified USTs, completion of the assessment and remedial activities, and indicated analytical results meeting the applicable regulatory standards for commercial use, the historical USTs and closed LUST case are considered a controlled recognized environmental condition (CREC), and no further

[2] California Department of Toxic Substances Control, Cortese List, Operating Industries, Inc. Landfill (19490207), https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19490207. Accessed August 18, 2025.
[3] State Water Resources Control Board, GeoTracker, Non-Case Information Status Definitions, https://geotracker.waterboards.ca.gov/Non-Case%20Information%20Status%20Definitions.pdf. Accessed August 18, 2025.
[4] Los Angeles Regional Water Quality Control Board, Underground Storage Tank Program – Non-Case Determination for 1977 Saturn Street, Monterey Park, https://documents.geotracker.waterboards.ca.gov/regulators/deliverable_documents/9720914542/1977%20Saturn%20St%20ncl%20(June%2028,%202022).pdf. Accessed September 12, 2025.

investigation is warranted. Therefore, the commenter is incorrect that impact is not disclosed or mitigated in the IS/MND.

Comment 3-13

A. The MND Fails to Adequately Mitigate the Project's Potentially Significant Hazards Impacts

The MND's conclusion that hazards impacts are mitigated to less than significant levels, is not supported by substantial evidence. The MND includes unenforceable, deferred, and impermissibly vague mitigation measures to purportedly reduce significant hazards impacts. Mitigation measures are conditions on the construction and operation of a project that are designed to lessen or avoid a project's environmental impacts.[59] If a project has the potential to have a significant effect on the environment, the lead agency must prepare an EIR that incorporates feasible mitigation measures to reduce impacts to less-than-significant levels.[60] It is the possibility of a significant effect, not a determination of the actual effect, which would be the subject of a negative declaration or an EIR.[61]

Here, the MND proposes to develop a Soil Management Plan ("SMP") to address potential soils with residual impacts remaining on the Project Site during future construction/redevelopment activities, pursuant to mitigation measure MM HAZ-1. CEQA requires disclosure of the severity of a project's impacts and the probability of their occurrence before a project can be approved.[62] In *Bozung v. Local Agency Formation Commission*, the Supreme Court upheld "the principle that the environmental impact should be assessed as early as possible in government planning."[63] A study conducted after approval of a project will inevitably have a diminished influence on decisionmaking.[64] Even if the study is subject to administrative approval, it is analogous to the sort of post hoc rationalization of agency actions that has been repeatedly condemned in decisions construing CEQA.[65]

MM HAZ-1 results in improper deferral of required analysis until after project approval, and may therefore not sufficiently mitigate impacts to construction workers exposed to soil contamination before the site is properly characterized and cleaned. CEQA Guidelines § 15126.4(a)(1)(B) provide that formulation of mitigation measures shall not be deferred until some future time.[66] Deferral of the formulation of mitigation measures is only permissible when the agency adopts performance standards and conditions approval of the project on meeting those performance standards, or lists alternative means of mitigating the impacts, which must be disclosed and analyzed.[67] Here, the SMP lacks any performance standards, and would require additional analysis and potential formulation of unidentified remedial procedures at some later date. In order to comply with CEQA, the City must identify mitigation measures before Project approval, and include such measures in an EIR circulated for public review.

Footnote 59: See 14 CCR § 15126.4.

Footnote 60: *Salmon Protection and Watershed Network v. County of Marin*, 125 Cal.App.4th (2004) 1098, 1107.

Footnote 61: *Azusa Land Reclamation Co. v. Main San Gabriel Basin Watermaster* (1997) 52 Cal.App.4th 1165, 1199–1200.

Footnote 62: 14 CCR §§ 15143, 15162.2(a); *Cal. Build. Indust. Ass'n v. BAAQMD* (2015) 62 Cal.4th 369, 388-90 ("*CBIA v. BAAQMD*") (disturbance of toxic soil contamination at project site is potentially significant impact requiring CEQA review and mitigation); *Madera Oversight Coalition v. County of Madera* (2011) 199 Cal. App. 4th 48, 82; *Berkeley Keep Jets Over the Bay Com. v. Bd. of Port Comrs.* ("*Berkeley Jets*") (2001) 91 Cal.App.4th 1344, 1370-71; CEQA Guidelines, Appendix G.

Footnote 63: (1975) 13 Cal.3d 263, 282.

Footnote 64: *Sundstrom v. County of Mendocino*, supra, 202 Cal.App.3d 296, 307.

Footnote 65: Id.; *No Oil, Inc. v. City of Los Angeles*, supra, 13 Cal.3d 68, 81; *Environmental Defense Fund, Inc. v. Coastside County Water Dist.* (1972) 27 Cal.App.3d 695, 706.

Footnote 66: 14 CCR 15126.4(a)(1)(B).

Footnote 67: E.g., *Endangered Habitats League v. County of Orange* (2005) 131 Cal.App.4th 777, 793-794; *Defend the Bay v. City of Irvine* (2004) 119 Cal.App.4th 1261, 1275.

Response to Comment 3-13

The comment states that the IS/MND's "conclusion that hazards impacts are mitigated to less than significant levels, is not supported by substantial evidence." That comment is inaccurate. As discussed in Response to Comment 3-12, the USTs are discussed on pages 97 and 98 of the IS/MND and in the Phase I Environmental Site Assessment, included as Appendix H to the IS/MND. The evidence contained in the Phase I Environmental Site Assessment is detailed and substantial. As noted therein, the historical USTs and closed LUST case were analyzed carefully, and based on findings from several regulatory agencies, were considered controlled. Accordingly, the agencies, the IS/MND, and Phase I Environmental Site Assessment determine that no further investigation of potentially hazardous conditions on the Project Site was warranted. In addition, it is important to note that the IS/MND recognized this fact, and nonetheless in an abundance of caution, voluntarily imposed Mitigation Measure MM HAZ-1 to further reduce the potential impact of an already less-than-significant impact.

Specifically, as noted on page 97 of the IS/MND, Mitigation Measure MM HAZ-1 is provided in an abundance of caution to address potential soils with residual impacts remaining on the Project Site during future construction/redevelopment activities. As noted within MM HAZ-1 on page

100 of the IS/MND, the SMP must be prepared by a qualified environmental professional approved by the City and includes provisions for protection and monitoring exposure, requirements for construction workers to be appropriately trained, and additional standard operating procedures. Also, as there was no potentially significant impact under Hazards and Hazardous Materials Threshold 4.9(b) to be mitigated, and because MM HAZ-1 is provided for additional safety precautions, this mitigation is not considered improperly deferred.

The comment also claims that MM HAZ-1 results in improper deferral of required analysis until after project approval; and that the SMP lacks any performance standards. As discussed above, the IS/MND, including the Phase I Environmental Site Assessment contains extensive analysis of potential hazards onsite. Thus, the comment is inaccurate that analysis was deferred. In addition, in response to this comment, a clarifying correction has been made to the text of the IS/MND to state that MM-HAZ-1 "further" reduces an already less than significant impact. It should be noted that, even before referencing MM HAZ-1, the IS/MND concluded that "[a]ccordingly, the risk of hazard to the public or the environment through future upset conditions is low because the CREC identified on-site has been resolved to the satisfaction of the regulatory agencies." See page 94 in the IS/MND. Thus, the IS/MND did not identify a significant impact for hazards in any case.

Regarding performance standards, corrections have been made to MM HAZ-1 to add additional performance standards to the measure, even though it does not constitute deferred mitigation in any case. The updated MM HAZ-1 will include the following additional performance standards: "[i]n the instance that previously unknown soil constituents are discovered during site excavation, the contractor shall ensure that any soil contaminated beyond acceptable regulatory levels, shall be contained, remediated if necessary, and disposed of pursuant to the performance standard levels established by federal OSHA, Cal/OSHA, SCAQMD, RWQCB, and any other regulatory agency with jurisdiction over CRECs or RECs on the Project Site."

Comment 3-14

VII. AN EIR IS REQUIRED FOR THE PROJECT BECAUSE THERE IS SUBSTANTIAL EVIDENCE SUPPORTING A FAIR ARGUMENT THAT THE PROJECT MAY HAVE SIGNIFICANT, UNMITIGATED NOISE IMPACTS

Deborah Jue's comments provide substantial evidence that the Project results in significant operational noise impacts. Noise from the Project's generators was not evaluated, and the combined operation of all mechanical equipment could be 3 dBA or more than predicted in the MND.[68] Ms. Jue's comments also demonstrate that the mechanical equipment noise would exceed the City's noise limits during the nighttime hours at the residences to the west of the Project site.[69] Moreover, when accounting for the correct ambient noise level, Ms. Jue identified a significant operational noise impact during daytime hours as well.[70]

Footnote 68: Jue Comments, pg. 4.

Footnote 69: Jue Comments, pg. 3.

Footnote 70: Jue Comments, pg. 3.

Response to Comment 3-14

See Response to Comment 3-35 for a detailed technical response to this comment. In addition, as discussed on page 123 of the IS/MND, MPMC Section 4.50.050: Noise Disturbances – Exemptions states that generators used during a power outage or other emergency situation are exempt from the noise standards. Therefore, the noise levels from generators operating during a power outage or other emergency situation are not considered potential noise impacts pursuant to the standards established by the Lead Agency and thus were not evaluated. Also, it should be noted that potential noise levels from testing of emergency generators, although temporary and occasional, have been accounted for in the operational noise analysis in the IS/MND.

Comment 3-15

The MND also lacks support for its conclusions regarding operational noise impacts. It provides that "[p]ackaged HVAC rooftop units would provide cooling for the administrative and ancillary spaces."[71] The MND provides that the "heating, ventilation, and air conditioning ("HVAC") equipment would include 23 air cooled chillers with free cooling modules, each rated at 460-tons of capacity, in an N+1 redundancy configuration to support data hall operations." However, the MND fails to identify the source of the reference sound power levels used in its analysis of HVAC rooftop equipment and lacks sound power data for the generators.[72] Deborah Jue's comments provide that, absent documentation of the reference sound power levels for the rooftop equipment and generators, it is impossible to evaluate the MND's conclusions regarding operational noise impacts.[73] The MND's analysis of operational noise impacts is therefore not supported by substantial evidence. This information must be included in an EIR to accurately quantify and mitigate significant operational noise impacts.

Footnote 71: MND, p. 16.

Footnote 72: Jue Comments, pgs. 2-3.

Footnote 73: Jue Comments, p. 3.

Response to Comment 3-15

See Response to Comment 3-16, Comment 3-30, Comment 3-31, Comment 3-32, Comment 3-34, and Comment 3-35 for a detailed technical response to this comment. Moreover, this comment claims that ". . . the MND fails to identify the source of the reference sound power levels used in its analysis of HVAC rooftop equipment and lacks sound power data for the generators." This comment is noted. In response to this comment, the IS/MND has been clarified with the

manufacturer specification sheets for the HVAC rooftop equipment, which includes the reference sound power levels. This is included in the Supplemental Technical Analysis.

In addition, note that the noise analysis included in the IS/MND did rely on valid and project-specific reference noise levels for the proposed air cooled chiller equipment (see page 29 of Appendix J). The reference noise levels from the manufacturer's specifications are summarized within the noise modeling and used for the impact conclusions.

Comment 3-16

Furthermore, given that the MND fails to accurately characterize the existing noise environment against which to measure the construction noise emissions and fails to accurately calculate the distance of construction equipment to sensitive receptors, construction noise impacts are underestimated in the MND. Deborah Jue's comments demonstrate that the Project would result in construction noise impacts so severe to neighboring sensitive receptors that the noise "would interfere with speech at neighboring properties."[74] Ms. Jue's calculations demonstrate that construction noise emission would be between 10 and 25 decibels higher than the ambient noise level.[75] The MND's conclusion that construction noise impacts are less than significant is therefore unsupported.

CEQA caselaw provides that the magnitude of noise increase over ambient levels must be addressed to determine the significance of change in noise levels.[76] The MND fails to adequately analyze impacts from noise and fails as an informational document. In *King and Gardiner Farms LLC. v. County of Kern* (2020) 45 Cal.App.5th 814, 893, determined that the use of an absolute noise level as the threshold of significance violated CEQA.[77] The court in *Keep Our Mountains Quiet* (2015) 236 Cal.App.4th 714, lead agency should consider both the increase in noise level and the absolute noise level associated with a project.[78] Here, the City's failure to consider the impact of a substantial increase in noise over ambient levels violates CEQA. The increase in noise to sensitive receptors necessitates further analysis in an EIR.

Substantial evidence in Ms. Jue's comments demonstrates significant construction and operational noise impacts from the Project on neighboring sensitive receptors. An EIR must be prepared which accurately analyzes and mitigates the Project's significant noise impacts.

Footnote 74: *Id.* at 4.

Footnote 75: *Id.*

Footnote 76: *King and Gardiner Farms v. County of Kern* (2020) 45 Cal.App.5th 814, 893.

Footnote 77: *Id.*; *Berkeley Jets* 91 Cal.App.4th , 1373; *Keeping Our Mountains Quiet* 236 Cal.App.4th , 732.

Footnote 78: *Keep Our Mountains Quiet*

Response to Comment 3-16

This comment references noise issues raised (and responded to below) in the Jue Letter. For a technical response: see Responses to Comment 3-5, 3-6, and 3-33 regarding the existing noise environment and baseline; see Responses to Comment 3-5 and 3-36 regarding the FTA methodology for distances from construction equipment; see Responses to Comment 3-6, 3-35, and 3-36 regarding construction noise and emergency generator noise being exempt by the MPMC. Based on those responses, the IS/MND analysis, and the Supplemental Technical Analysis, the conclusion that construction and operational noise are less than significant is supported by adequate technical analysis and substantial evidence.

Comment 3-17

VIII. THE CITY LACKS SUBSTANTIAL EVIDENCE TO APPROVE THE PROJECT'S LAND USE PERMITS

The Project requires the following entitlements:

- Approval of CUPs for a project on a lot size over one acre, and mechanical equipment exceeding height, if needed;
- Design Review;
- Approval of a Development Agreement, due to the Project's large scale development, and activation of the BRDZ pursuant to the MPMC;
- Tree removal;
- SCAQMD Authority to Construct/Permit to Operate; and
- Permits to Construct SCE Facilities.

Response to Comment 3-17

The comment lists the discretionary permits/approvals listed on page 21 of the IS/MND. Responses to the claims in this comment are provided below in Response to Comments 3-18 and 3-19.

Comment 3-18

A. The City Cannot Make the Necessary Findings to Approve the Conditional Use Permit

Approval of a Conditional Use Permit ("CUP") requires investigation and determination by the Planning Commission subject to appeal to the City Council.[79] Pursuant to Municipal Code Section

21.32.020(B), in order to grant a CUP, the Planning Agency must find, based upon substantial evidence:

a. That the site is adequate in size, shape and topography for the proposed use including, without limitation, any required yards, walls, fences, parking and loading facilities, landscaping, setbacks, and other development standards required in this code;

b. That the site has sufficient access to streets and highways, adequate in width and pavement type to carry the quantity and quality of traffic generated by the proposed use;

c. That the proposed use is consistent with the General Plan, any applicable specific plan, and applicable law;

d. That the proposed use will not create unusual noise, traffic, or other conditions that may be objectionable, detrimental, or incompatible with surrounding properties or other permitted uses in the City;

e. That the proposed use will not have an adverse effect on the public health, safety and general welfare; and

f. That the use applied for at the location set forth in the application is properly one authorized by conditional use permit pursuant to this code.

As demonstrated herein, and in the expert consultant reports attached hereto, the Project results in a significant adverse effect on the public health, safety, and general welfare due to the Project's significant air quality, health risk, and noise impacts. An EIR must be prepared which adequately analyzes and mitigates the Project's significant environmental impacts before the Project's entitlements can be approved.

Footnote 79: City of Monterey Park, California, Planning Commission, available at: https://www.montereypark.ca.gov/649/Planning-Commission.

Response to Comment 3-18

The comment claims that the "Project results in a significant adverse effect on the public health, safety, and general welfare due to the Project's significant air quality, health risk, and noise impacts" and that the City cannot make Finding (e) regarding public health, safety and general welfare. As described in detail throughout the Response to Comments for Letter 3, the IS/MND adequately and accurately describes the Project's impacts on air quality, health risk, and noise impacts. Moreover, the City as the Lead Agency will consider the entire administrative record before making any findings to approve the Project. As described herein, and in the IS/MND, impacts would be less than significant. Therefore, the Lead Agency has adequate evidence to support the findings for approval of a CUP.

Comment 3-19

B. The City Cannot Make the Necessary Findings to Approve the Design Review

In order to approve a design review application, the Applicant must show, to the satisfaction of the City Planner, the following:

(A) The architecture and mass of new buildings and structures and modifications of existing buildings and structures are compatible and in keeping with the character of the neighborhood and not detrimental to the general welfare of the neighborhood in which they are located. [80]

As demonstrated herein, and in the expert consultant reports attached hereto, the proximity of the Project to sensitive receptors will result in significant unmitigated noise, air quality, and health risk impacts that are detrimental to the general welfare of the neighborhood in which it is located, in violation of the municipal code. An EIR must be prepared which adequately analyzes and mitigates the Project's significant environmental impacts before the Project's entitlements can be approved.

Footnote 80: Monterey Park Municipal Code § 21.36.060.

Response to Comment 3-19

This comment claims that the City cannot make the findings to approve design review. It should be noted that the discretion to make findings for any project rests with the City. Accordingly, the City would rely on evidence in the administrative record, and applicable sections of the MPMC to make findings for the Project, if approved. It should be noted that the Project is required to execute a development agreement pursuant to the MPMC and is activating the Business Recovery Development Agreement Zone (BRDZ) in conjunction with the adoption of a development agreement. Therefore, pursuant to MPMC Section 21.45.020, the proposed development and land uses within a BRDZ must comply with all applicable development and land use standards and exaction requirements specified in the development agreement. Accordingly, the Project shall comply with applicable development standards sufficient to support required findings for approval, if granted by the Lead Agency.

Comment 3-20

IX. CONCLUSION

For the reasons discussed above, the MND for the Project is wholly inadequate under CEQA. An EIR must be circulated to provide legally adequate analysis of, and mitigation for, all of the Project's potentially significant impacts. Until an EIR has been prepared and circulated for public review, as described herein, the City may not lawfully approve the Project.

Response to Comment 3-20

This comment serves as a conclusion to the comment letter. For further details, please see Response to Comments 3-1 through 3-19 above.

Comment 3-21

At the request of Adams Broadwell Joseph & Cardozo (ABJC), Clark and Associates (Clark) has reviewed materials related to the IS/MND for the above referenced project.

Clark's review of the materials in no way constitutes a validation of the conclusions or materials contained within the project record. If we do not comment on a specific item this does not constitute acceptance of the item.

Project Description

The Project would demolish the existing site improvements and construct a new 218,400-square-foot data center with an ancillary equipment yard, substation, parking, and landscaping. The Data Center would include approximately 109,970 square feet of data hall space and approximately 91,889 square feet of support space (collectively, the "Project"). The proposed data center building would be one story and 36 feet in height (46.5 feet to top of mechanical equipment platform screening). An approximately 75,000-square-foot ancillary equipment yard would be located adjacent to the north side of the data center. The Project would include fourteen (14) four-megawatt (4-MW) back-up diesel generators to provide power in the event of an emergency.

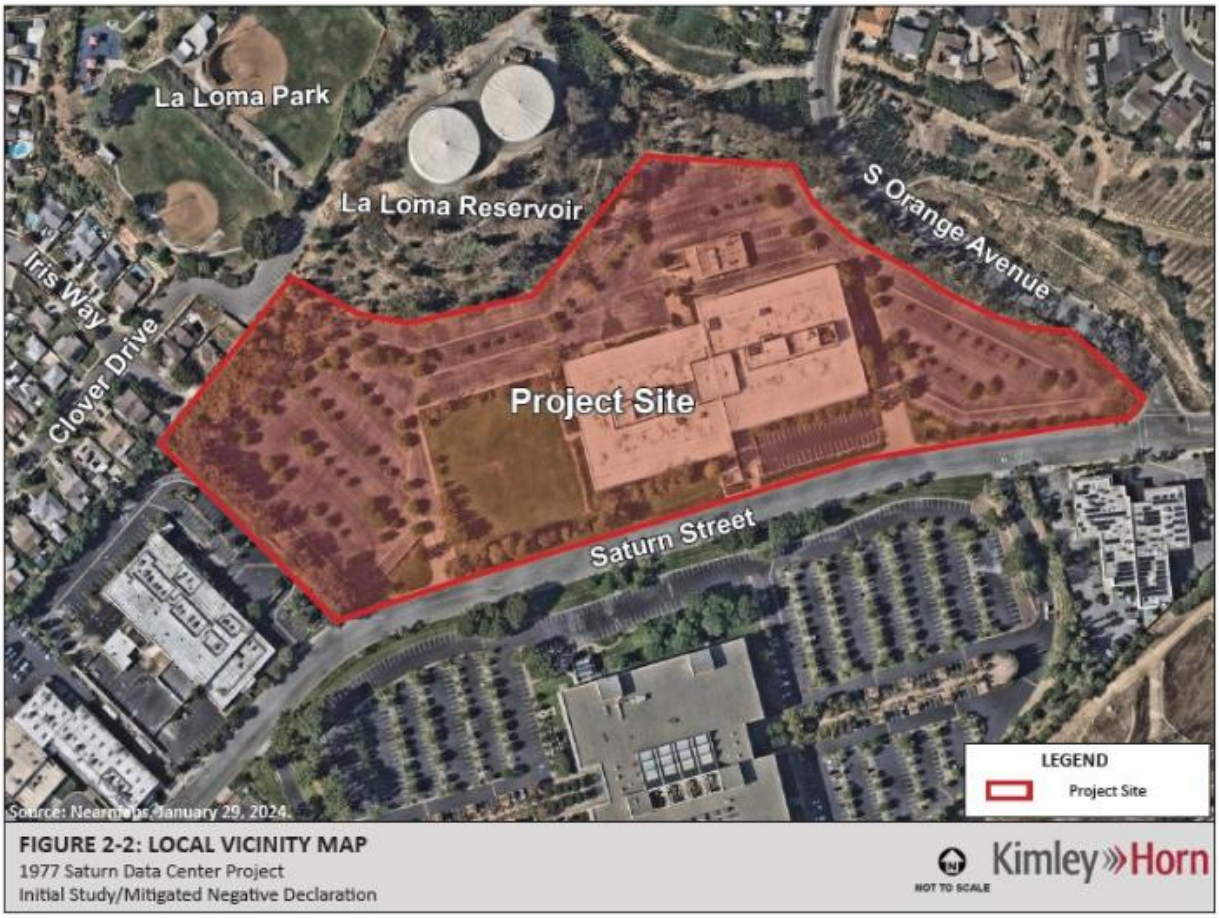


Figure 1: Project Site

The Project would also include a 24,000-square-foot electrical substation, appurtenant to the function of the data center. Project construction is anticipated to occur over one phase, lasting approximately 24 months, beginning as early as September 2025 and ending as early as August 2027.

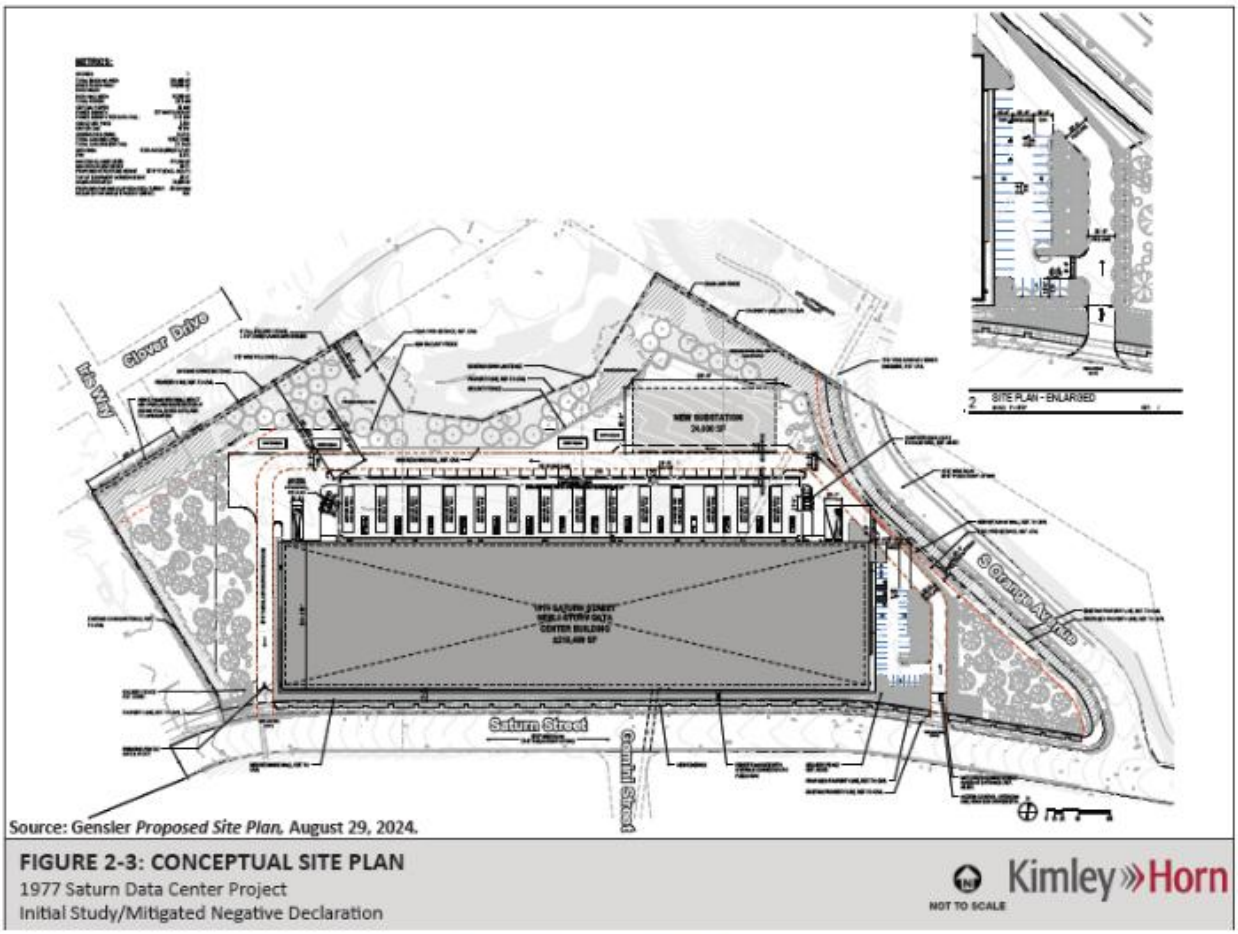


Figure 2: Conceptual Site Plan

Grading for the proposed improvements would require cut and fill to create building pads. The Project Site is bordered on the north by hillside that would remain undisturbed where the proposed design permits, as a general guideline using the existing parking lot limits and the limit of grading. There is currently only one area where there is cut into the hillside to accommodate the future substation. The proposed data center building takes up majority of the buildable land on the Project Site and spans nearly the entire frontage of Saturn Street. Project construction is anticipated to occur in the following sequence:

- Demolition of existing structures,
- Site grading and construction preparation,
- Building construction,
- Utility work,
- Paving,

- Interior construction and build-out,
- Installation of equipment and infrastructure, and
- Final inspections, testing, and commissioning.

Project Site preparation for the Project would require cutting and removal of approximately 500,000 square feet of concrete and approximately 65,000 cubic yards of soil export.

The backup generators are designed to start up quickly and run only as demand requires. All generators would be located outdoors in the equipment yard and would be surrounded by an acoustic screen wall. Generators would be placed in sound-attenuating enclosures. The generators would be laid out in one row and reach a height of approximately 20 feet to top of generator enclosure, and up to 40 feet to top of exhaust stack. Each generator would be provided with a 7,000-gallon sub-base fuel storage tank, equating to 24 hours of runtime in emergency conditions.

The heating, ventilation, and air conditioning ("HVAC") equipment would include 23 air cooled chillers with free cooling modules, each rated at 460-tons of capacity, in an N+1 redundancy configuration to support data hall operations.

The IS/MND claims that as formulated the Project would result in air quality impacts that are less than significant while failing to consider at least one major source of pollution on-site (the back-up generators). This conclusion is not supported by the data contained within the IS/MND and the City must fully evaluate the air quality impacts in an environmental impact report (EIR).

Specific Comments:

Response to Comment 3-21

This comment contains a summary of the Project as described in Section 2.0: Project Description of the IS/MND. This comment also states that the City must fully evaluate air quality impacts in an EIR. Refer to Response to Comment 3-22 through 3-27 below for detailed responses.

Comment 3-22

1. **The Claims Regarding Greenhouse Gas (GHG) Emissions Are Not Supported In The Appendices To The Air Quality Analysis And The GHG Analysis**

According to the IS/MND the operational or long-term emissions would occur over the life of the proposed Project. GHG emissions would result from area sources (consumer products, landscape maintenance equipment, and painting), vehicular traffic, and diesel fuel associated with the emergency generators. Operational GHG emissions would also result from indirect sources, such as off-site generation of electrical power, the energy required to convey water to, and

wastewater from the Project, the emissions associated with solid waste generated from the Project, and any fugitive refrigerants from air conditioning or refrigerators.

In the GHG analysis memorandum[1] it is stated that the Project electricity usage would be mainly from the operation of the data center. The stated purpose of a data center is to house computer servers, which require electricity and cooling 24 hours a day to operate. Based on data received from the Applicant, the Project during peak load conditions would have a demand of 49,999 kilowatts per hour (KW/h). The analysis assumes 24/7 operations (8,760 hours per year) which would result in a maximum electrical usage of 437,991 megawatt hours (MWh) per year, including CalEEMod default assumptions for lighting for surface parking. The modeling also conservatively assumed the 14 gen-sets, which are each capable of generating 4 megawatts (MW) of power, would be used for up to 50 hours per year per generator for testing and maintenance. The generators would utilize diesel fuel releasing diesel particulate matter (DPM), a known human carcinogen. The Air Quality Analysis (Appendix A-1 to IS/MND) states that the proposed Project would include up to 12 4-MW stationary emergency diesel generators upon loss of grid power.[2] The other two generators would be on stand-by in case of failure for one of the 12 assigned to the system. The Air Quality Analysis and GHG Analysis of the Project both rely on the CalEEMOD model to calculate emissions, and model outputs are included as attachments to the Air Quality and GHG analyses.

Footnote 1: Appendix G to IS/MND. Pg 31

Footnote 2: Appendix A-1 to IS/MND pg 20

Response to Comment 3-22

This comment generally claims that the IS/MND analysis is not supported by the technical reports contained in its appendices, which is not true as explained below. The comment summarizes, in some cases inaccurately, the IS/MND analysis of air quality and GHG impacts from the Project. This comment is noted and responses to specific issues are provided below.

Comment 3-23

A review of the CalEEMOD analyses outputs for the operational phase of the Project reveals that the analyses do not include the emergency generators. The failure to include the testing and maintenance for the 14 generators onsite means that the TAC emissions and NOx emissions were not included in the operational analysis of the Project. Using the same input values for the construction and operational phases, but now including the 14 emergency generators, I have used the CalEEMOD model to calculate the operational emissions of the complete Project (attached to this letter). Based on a generator size of 5,376 brake horsepower (which would generate 4-MW of power), and limiting the operation to a total of 4.2 hours per month for all 14-

generators, the model demonstrates that the generators would emit up to 166 lbs per day of NOx, exceeding the SCAQMD's significance threshold of 55 lbs per day.

Table 5: Operational Greenhouse Gas Emissions Opening Year

Emissions Source	$MTCO_2e$ per Year[1]
Amortized Construction Emissions	41
Area Source	5
Emergency Generators[2]	2,062
Mobile	80
Waste	70
Water and Wastewater	27
Refrigeration	0.1
Energy[3]	83,020
Total Emissions	85,305

1. Total values are from CalEEMod and may not add up due to rounding.
2. Emergency backup generator emissions calculated assuming 50 hours per year per generator (14 generators).
3. The servers in the data center were estimated to require approximately 50 MW of power per hour, and operations were conservatively estimated to be 8,760 hours per year. Total MW per year would be 437,991. Total CO_2e in tons per year would be 83,020. The Project does not include natural gas heaters or water heaters.

Source: CalEEMod version 2022.1. Refer to **Attachment A** for model outputs.

According to Table 5 from the GHG analysis, the emergency generators would generate 2,062 metric tons of carbon dioxide equivalent ($MTCO_{2eq}$) per year. While Table 5 attributes 2,062 $MTCO_{2eq}$ to emergency generators, this estimate is unsupported. The CalEEMod modeling provided in the IS/MND does not include emissions from the emergency generators and the City does not actually document how the 2,062 $MTCO_{2eq}$ value was derived. As I demonstrated in my own model, the generators will contribute significantly to the total pollutant emissions from the Project and this must be clearly detailed in an EIR for the Project.

Response to Comment 3-23

The comment first states that the CalEEMod outputs from the operational phase of the Project do not include the emergency generators. The comment then claims that Clark calculated the operational emissions of the generators based on a generator size of 5,376 brake horsepower and limiting operation to 4.2 hours per month, which Clark indicates could exceed applicable thresholds. The Clark Letter references an "Attachment: CalEEMOD Output Including Emergency Generators in Operational Analysis." However, the Clark Letter did not include any such attachment and therefore lacks supporting evidence for its claims. Nonetheless, the following points are provided to clarify the record.

First, the Applicant reduced the total energy load of the Project and accordingly reduced the size and overall demand from the emergency generators. This adjustment was made based on the market availability of emergency generators from vendors, and to implement more stringent emissions controls on the emergency generators anticipated for use during Project operation. The current design of the Project includes 24 smaller 2.75 MW (3,705 brake horsepower), Tier 4 Final emergency generators. The analysis of these generators is included in the Supplemental Technical Analysis.

Regarding the claim that emissions could potentially exceed a threshold, the Supplemental Technical Analysis includes detailed modeling information and analysis of the emergency generators. Per consultation with SCAQMD, the IS/MND contains supplemental information to quantitatively analyze emergency generators utilizing emissions spreadsheets. These spreadsheets supplement the CalEEMod modeling because CalEEMod does not contain the capability to account for the specific equipment configurations, manufacturer-rated emissions, and operational assumptions associated with these emergency generators. Instead, a project-specific emissions inventory was prepared using U.S. EPA- and CARB-approved emission factors, manufacturer specification sheets, and conservative assumptions regarding operating hours and load. That quantitative modeling provides a detailed, accurate, and project-specific analysis of potential emissions. These calculations supplement the IS/MND and are included to support the impact conclusions, which remain less than significant, as identified in the IS/MND.

In addition, the comment states that the " . . . City does not actually document how the 2,062 $MTCO_2e$ value was derived" for the emergency generators identified in Table 5: Operational Greenhouse Gas Emissions Opening Year, in the IS/MND. However, Table 5 clearly identifies in footnote 2 that "[e]mergency backup generator emissions calculated assuming 50 hours per year per generator (14 generators)," which does in fact document how the 2,062 $MTCO_2e$ value was derived. Thus, the comment is mistaken on this point.

In addition, refer to Response to Comments 3-8, 3-9, and 3-10.

Comment 3-24

2. The Operational Air Quality Analysis Fails To Consider The Direct Impacts Of Cooling The System While In Operation.

The operational air quality emissions estimate fails to include critical stationary sources required to cool the data center. As stated above, according to the IS/MND the heating, ventilation, and air conditioning ("HVAC") equipment would include 23 air cooled chillers with free cooling modules, each rated at 460-tons of capacity, in an N+1 redundancy configuration to support data hall operations. Figure 3 of the Air Quality Analysis shows that the cooling system will be rated for 550 tons. The CalEEMOD analysis for operational emissions lists general office building under the refrigeration and air conditioning equipment. The GHG and Air Quality analyses assess the

impacts of the Project based on the consumption of 50-MW per hour of energy and does not include a specific analysis of the amount of energy (and resulting pollution emissions) that would be required to maintain the cooling system for the data center. The model used in the CalEEMOD analysis assumed that the energy used to cool the data center would be equivalent to a typical air conditioning system for an office building. A recent paper by Zhu et al (2023) showed that refrigeration systems in Data Centers consume 35% of the energy utilized onsite. Based on the work from Zhu it is clear that the total energy need to maintain the 50 MW of energy required to operate the data center would have to be increased by 17.5 MW to cover the energy required to cool the data center (0.35 * 50 MW = 17.5 MW for cooling) The General Office Building setting in CalEEMOD clearly underestimates that energy consumption rate and resulting GHG and air pollutant emissions from the Project. The City must address this flaw in an EIR of the Project.

Response to Comment 3-24

The comment incorrectly claims that "[t]he operational air quality emissions estimate fails to include critical stationary sources required to cool the data center" and that "[t]he CalEEMOD analysis for operational emissions lists general office building under the refrigeration and air conditioning equipment." To be clear, the IS/MND modeled air quality emissions using the specific energy demand, and related cooling demands, of the Project as a data center, and not as a general office building.

As shown in Table 4.6-2 (footnote 1) on page 65 of the IS/MND, electricity usage is ". . . based on Project-specific estimates and CalEEMod defaults" for building energy. More specifically, Appendix E of the IS/MND includes a report from Curtis Spraggins, PE, LEED AP at DFWCGI, which provides the estimated peak energy load for the Project, which includes the energy load from the equipment to cool the Project. That energy load was used in CalEEMod to estimate energy uses. See page 85 in Appendix A showing how energy use from CalEEMod was changed from default data with the justification "values provided by client," which represent data center operations more precisely. Additionally, page 6 of Appendix E includes 437,991,240 kWh per year of electricity for the general office building land use. This calculation includes the client provided 49,999 kWh multiplied by 8,760 hours in a year. This is a conservative estimate as it assumes full load every hour of the year. However, the IS/MND uses these demand assumptions in the modeling and analysis. In addition, to clarify, the "general office building" category used in the IS/MND and its appendix relates to construction of the physical building footprint. All operational inputs, such as trip generation, energy demand, and water demand, were revised to reflect the data center use. Therefore, the IS/MND does not underestimate the energy consumption rate of the Project.

Comment 3-25

3. The IS/MND Fails To Model The Diesel Particulate Matter (DPM) Concentration From The Emergency Generators Onsite To The Closest Sensitive Receptor To The Site

According to the HRA prepared for the IS/MND, operational emissions from the Project would result from mobile sources (i.e., motor vehicle use) and area sources (such as the use of landscape maintenance equipment, consumer products, and architectural coatings). Toxic air contaminants (TACs) that would be emitted from those sources include benzene, 1,4-butadiene, acrolein, and diesel exhaust.

Diesel exhaust contains nearly 40 toxic substances, including TACs and may pose a serious public health risk for residents in the vicinity of the facility. TACs are airborne substances that are capable of causing short-term (acute) and/or long-term (chronic or carcinogenic, i.e., cancer causing) adverse human health effects (i.e., injury or illness). TACs include both organic and inorganic chemical substances. The current California list of TACs includes approximately 200 compounds, including particulate emissions from diesel-fueled engines.

Diesel exhaust has been linked to a range of serious health problems including an increase in respiratory disease, lung damage, cancer, and premature death. Fine DPM is deposited deep in the lungs in the smallest airways and can result in increased respiratory symptoms and disease; decreased lung function, particularly in children and individuals with asthma; alterations in lung tissue and respiratory tract defense mechanisms; and premature death. Exposure to DPM increases the risk of lung cancer. It also causes non-cancer effects including chronic bronchitis, inflammation of lung tissue, thickening of the alveolar walls, immunological allergic reactions, and airway constriction. DPM is a TAC that is recognized by state and federal agencies as causing severe health risk because it contains toxic materials, unlike PM2.5 and PM10.

This *a priori* assumption regarding the sources of TACs in the HRA ignores a significant source of diesel particulate matter (DPM) emanating from the Project Site, the 14 emergency generators that will be present onsite. The failure to consider the DPM emissions from the generators is a major flaw in the air quality and health risk analyses.[3]

The Health Risk Analysis[4] for the IS/MND states that the Applicant will obtain Permits to Operate (PTO) from the SCAQMD prior to installation or operation of the emergency generators, which verifies that the generators meet the applicable Best Available Control Technology (BACT) requirements and comply with SCAQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines) and Rule 1401 (New Source Review of Toxic Air Contaminants), which would minimize TAC emissions.

Based on the Air Quality Analysis it was assumed that the testing and maintenance of the generators would be limited under the terms of SCAQMD operating permits to be obtained by the Applicant, to operate for a maximum of 4.2 hours each month[5] or approximately 18 minutes per month per generator. Permits from SCAQMD under Rule 1470 normally limit testing of each generator to 50 hours per year (in this case testing could be assumed to take up to 700 hours per year (14 generators * 50 hours per year)). 700 hours per year of diesel emergency generator

operation would result in a significant air quality and health risk impacts from exposure to TAC emissions to nearby sensitive receptors.

If the City is proposing to limit the total testing of generators to 50 hours per year combined for all generators it must enter into a binding agreement with SCAQMD to ensure compliance with that requirement and include such limitations as a binding mitigation measure. The MND's assumptions regarding diesel emissions from generators and the resulting conclusions regarding health risk are not supported by substantial evidence. The City must re-analyze the Project impacts and present them in an EIR for the Project Site.

Footnote 3: ibid.

Footnote 4: Appendix B to IS/MND pg 12

Footnote 5: Appendix A-1 to IS/MND pg 21

Response to Comment 3-25

This comment generally claims that the IS/MND fails to model diesel particulate matter (DPM) from the emergency generators to the closest sensitive receptor. It should be noted that the IS/MND explained how the Project would comply with the applicable regulatory compliance process prior to operations of any emergency generators. Specifically, the Health Risk Assessment Memorandum in Appendix B provides that: "[t]he proposed Project would include up to 12 4-MW stationary emergency diesel generators upon loss of grid power. As discussed in the 1977 Saturn Data Project – Air Quality Analysis (Kimley-Horn, April 2024), as part of the regulatory compliance process, the Applicant will obtain PTO from the SCAQMD prior to installation or operation of the emergency generators, which verifies that the generators meet the applicable BACT requirements and comply with SCAQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines) and Rule 1401 (New Source Review of Toxic Air Contaminants), which would minimize TAC emissions. An operational health risk analysis would be required to comply with SCAQMD's Rule 1401 permit requirements. DPM emissions and cancer risk associated with the proposed diesel generators would be analyzed within the required SCAQMD permit to ensure that associated emission levels remain less than significant."

In addition, in response to agency comments on the IS/MND, the Supplemental Technical Analysis was prepared to evaluate emissions associated with the testing and maintenance of the proposed emergency generators. The Supplemental Technical Analysis assumed up to 50 hours per year of generator operation for testing and maintenance. This assumption reflects the applicable regulatory limit under SCAQMD Rule 1470 and represents standard industry practice. By adopting this assumption, the analysis captures the maximum reasonably foreseeable emissions associated with generator operations. The results of the analysis demonstrate that TAC

emissions from the enhanced Tier 4 Final (24 proposed 2.75 MW) emergency generators would result in a maximum incremental cancer risk of 6.97 in one million at the nearest sensitive receptor, which is well below SCAQMD's CEQA significance threshold of 10 in one million. Accordingly, the Project would not result in a significant health risk impact. Additional details are provided in the Supplemental Technical Analysis.

Therefore, the conclusions in the IS/MND regarding potential emergency generator impacts are supported with substantial evidence.

In addition, refer to Response to Comment 3-9.

Comment 3-26

Conclusion

The facts identified and referenced in this comment letter lead me to conclude that the Project could result in significant unmitigated impacts if the air quality, GHG and health risk analyses are not corrected.

Response to Comment 3-26

This comment provides a conclusion to the commenter's letter. Responses to commenter's comments are provided in Responses to Comment 3-21 through 3-25. No further response is required.

Comment 3-27

Attachment: CalEEMOD Model Output Including Emergency Generators in Operational Analysis

Response to Comment 3-27

The CalEEMod Model Outputs referenced in the comment are not provided in the comment letter. Therefore, no responses are required.

Comment 3-28

Per your request, I have reviewed the subject matter documents for the 1977 Saturn Data Center Project (Project) Mitigated Negative Declaration (MND) in Monterey Park, California. The MND includes a Noise and Vibration Analysis Memorandum as Appendix J (Noise Memo). The project would demolish existing structures and construct a one story building.

Wilson Ihrig, Acoustical Consultants, has practiced exclusively in the field of acoustics since 1966. During our 58 years of operation, we have prepared hundreds of noise studies for Environmental Impact Reports and Statements. We have one of the largest technical laboratories in the acoustical consulting industry. We also utilize industry-standard acoustical programs such as

Roadway Construction Noise Model (RCNM), SoundPLAN, and CADNA. In short, we are well qualified to prepare environmental noise studies and review studies prepared by others.

Response to Comment 3-28

This comment introduces the comments in the Jue Letter. The comment is noted, and no further response is required.

Comment 3-29

Adverse Effects of Noise[1]

Noise-Induced Hearing Loss. If a person is repeatedly exposed to loud noises, he or she may experience noise-induced hearing impairment or loss. In the United States, both the Occupational Health and Safety Administration (OSHA) and the National Institute for Occupational Safety and Health (NIOSH) promote standards and regulations to protect the hearing of people exposed to high levels of industrial noise.

Speech Interference. Another common problem associated with noise is speech interference. In addition to the obvious issues that may arise from misunderstandings, speech interference also leads to problems with concentration fatigue, irritation, decreased working capacity, and automatic stress reactions. For complete speech intelligibility, the sound level of the speech should be 15 to 18 dBA higher than the background noise. Typical indoor speech levels are 45 to 50 dBA at 1 meter, so any noise above 30 dBA begins to interfere with speech intelligibility. The common reaction to higher background noise levels is to raise one's voice. If this is required persistently for long periods of time, stress reactions and irritation will likely result.

Sleep Disturbance. Noise can disturb sleep by making it more difficult to fall asleep, by waking someone after they are asleep, or by altering their sleep stage, e.g., reducing the amount of rapid eye movement (REM) sleep. Noise exposure for people who are sleeping has also been linked to increased blood pressure, increased heart rate, increase in body movements, and other physiological effects. Not surprisingly, people whose sleep is disturbed by noise often experience secondary effects such as increased fatigue, depressed mood, and decreased work performance.

Cardiovascular and Physiological Effects. Human's bodily reactions to noise are rooted in the "fight or flight" response that evolved when many noises signaled imminent danger. These include increased blood pressure, elevated heart rate, and vasoconstriction. Prolonged exposure to acute noises can result in permanent effects such as hypertension and heart disease.

Impaired Cognitive Performance. Studies have established that noise exposure impairs people's abilities to perform complex tasks (tasks that require attention to detail or analytical processes), and it makes reading, paying attention, solving problems, and memorizing more difficult. Therefore, there are standards for classroom background noise levels, which is why offices and

libraries are designed to provide quiet work environments. One societal change brought about by the COVID-19 pandemic is that many people now routinely work and learn from home, and this has given rise to more noise complaints from loud daytime activities such as construction work.

Footnote 1: More information on these and other adverse effects of noise may be found in *Guidelines for Community Noise*, eds B Berglund, T Li nd vail, and D Schwela, World Health Organization, Geneva, Switzerland, 1999. (https://www.who.int/docstore/peh/noise/Comnoise-l.pdf)

Response to Comment 3-29

This comment contains a general summary of the effects of noise and does not focus on the adequacy of the IS/MND or its analysis of potentially significant impacts. Therefore, no further response is required.

Comment 3-30

Errors and Omissions

The MND and Noise Memo contain several errors and omits several items. Several of these items are explored in more detail following this list:

1. The MND does not identify the noise metrics used for the existing noise data. The Noise Memo describes several different metrics, and it not clear which ones are being used to present the existing noise in Table 4.13-2. In order to use this data to adjust the City's noise ordinance for the measured noise level, this should be the **L_{50}, or median noise** level, however Table 4.13-6 references these values as L_{eq}, and the construction noise analysis uses L_{eq}. L_{50} and L_{eq} are not the same metric; the L_{eq} can be very similar to L_{50}, but it is often several decibels higher. Using the proper median value would result in significant impacts.

2. For the purposes of CEQA, the MND must provide an analysis of potentially significant impacts. Therefore, the existing noise in Table 4.13-2 must show the range of the median noise level (L_{50}) derived on an hourly basis during daytime and nighttime periods, and the minimum values must be used to evaluate potentially significant impacts.

Response to Comment 3-30

This comment claims the IS/MND should have used L_{50} instead of L_{eq} to analyze potential noise impacts. This comment is incorrect because the ambient noise measurements shown in IS/MND Table 4.13-2 are L_{50} (median) noise measurement data collected by Veneklasen Associates (refer to IS/MND Appendix J). IS/MND Table 4.13-2 uses the term "Average Level" in the column heading but is not intended to mean L_{eq}. The term "Average Level" is intended to differentiate

between the daytime and nighttime noise levels also reported in the table. The source data for IS/MND Table 4.13-2 (i.e., Table 1 in Attachment B to IS/MND Appendix J) uses the term "Measured Level", which is the L_{50} (median) level and not L_{eq} or "Average Level". As the comment incorrectly assumes that the measured noise levels are L_{eq} and not L_{50}, the assertion that impacts are underestimated is incorrect. Additionally, the IS/MND Table 4.13-6 incorrectly labeled the noise metrics in the column headings as L_{eq}. Therefore, the IS/MND will be revised to correct this typographical error; refer to Response to Comment 3-6.

In addition, refer to Response to Comment 3-6 regarding the median and the L_{eq} noise level. As noted above, the correct noise metric was used in the IS/MND analysis and no potentially significant impacts were identified.

Comment 3-31

3. The noise analysis neglects to take into account the tonal penalty that the City applies to noise equipment (such as chillers and generators). This is an error, and the noise limits shown in Table 4.13-6 must reflect a lower noise limit reduced by 5 dBA. As described below, using the correct noise limit would result in significant noise impacts.

Response to Comment 3-31

This comment incorrectly claims that "[t]he noise analysis neglects to take into account the tonal penalty that the City applies to noise equipment (such as chillers and generators)." The comment does not cite which section of the MPMC contains the alleged requirement. Nonetheless, to provide a good-faith response, it is assumed the commenter is referring to MPMC Section 4.50.090, which states that "[s]hould an alleged noise disturbance contain a steady, audible tone, such as a whine, screech, beating, pulsating, throbbing, or hum, the noise level limits set forth in this chapter will be reduced by five dB for purposes of determining whether a violation exists." Importantly, note that this section is for "alleged noise disturbances" and is not for modeling noise impacts pursuant to CEQA thresholds. Thus, the comment is misapplying the MPMC as a fundamental point.

Moreover, it should be noted that the noise modeling in the IS/MND and Supplemental Technical Analysis accounts for the full frequency spectrum of the equipment based on manufacturer specifications. Therefore, the modeling already accounts for the potential noise characteristics of the equipment because sound power level provided by the manufacturer includes the total acoustic energy or total of all frequencies the equipment would emit.

Additionally, as discussed in IS/MND page 114, the Project's mechanical equipment is subject to MPMC Section 21.14.150, which requires mechanical equipment to be installed with permanent sound proofing measures, including, but not limited to, enclosures, parapet and sound attenuating walls and screens. These type of features are included in the Project design.

Comment 3-32

4. The Noise Memo does not provide evidence to document the source of the Project's rooftop equipment noise emission levels. The MND states that 23 rooftop chillers and 14 emergency generators will be utilized (p. 10). The Noise Memo does not identify the source of the reference sound power levels used in its analysis for HVAC rooftop equipment and it lacks sound power data for the generators. The failure to identify the HVAC and generator sound power data makes it impossible to evaluate the Noise Memo's conclusions regarding operational noise impacts. The MND's conclusions that the project will not cause significant noise impact is therefore not supported by substantial evidence.

Response to Comment 3-32

The comment claims that "[t]he Noise Memo does not identify the source of the reference sound power levels used in its analysis for HVAC rooftop equipment and it lacks sound power data for the generators." The comment is correct. In response, and to clarify the IS/MND analysis, the following information is added.

The source reference sound power level for the chillers used in the analysis is included in Appendix J: Noise and Vibration Analysis Memorandum. The emergency generators are exempt from analysis per MPMC Section 4.50.050, therefore no reference levels are required for analysis.

In addition, refer to Response to Comment 3-15.

Comment 3-33

5. The construction noise analysis erroneously relies on FTA guidance criteria without taking into account the existing noise environment. The FTA guidance states, "Project construction noise criteria should account for the existing noise environment, the absolute noise levels during construction activities, the duration of the construction, and the adjacent land use."

For the purposes of CEQA, the closest distances must be used to identify potentially significant noise impacts.

Response to Comment 3-33

This comment makes two inaccurate claims regarding the existing noise environment and the distances used to identify noise impacts.

Regarding the existing noise environment, the FTA guidance quoted in the comment also states that the absolute noise levels should be accounted for as well as the duration of construction and adjacent land use. The IS/MND's construction noise analysis accounts for all of these criteria. Existing noise levels are documented in IS/MND Table 4.13-2 and range from 55 to 65 dBA. The

construction noise analysis modeled specific pieces of equipment for each stage of construction and accounted for the distances to the surrounding sensitive receptors. Unlike operational noise, which persists indefinitely, construction noise is temporary and limited to specific phases. Additionally, the existing noise environment shown in IS/MND Table 4.13-2 are levels that are typical of an urban/suburban area.[5] The existing noise levels would not combine or interact with Project construction levels because of the logarithmic nature of sound energy (i.e., the existing noise environment would not increase construction noise levels). Due to the temporary nature of construction noise and the fact that it would occur only during daytime, and the fact that construction noise would not exceed the FTA's standards, increases above the existing noise environment would not be significant.

The FTA Transit Noise and Vibration Assessment Manual provides guidelines that are considered reasonable criteria for assessment. Regarding the distances used to analyze impacts, the FTA guidance establishes guidelines for quantitative construction noise assessments and notes that mobile equipment moves around the construction site and therefore permits the use of modeling that assumes all equipment operates at the center of the project. Accordingly, the noise modeling for construction applied this acceptable noise modeling method for the operation of construction equipment consistent with the relevant provisions of the FTA guidance.

Comment 3-34

Item #3 Mechanical Equipment Noise Levels Would Be Significant

Table 4.13-6 contains two errors: 1) the Ambient noise level referenced must be the median noise level, L50 *[sic]*, not the Leq *[sic]*, 2) the noise limit must be lowered by 5 dBA as noted above. Furthermore, for the purposes of CEQA and an MND analysis, the ambient median noise levels referenced should be reflective of the lowest values in the daytime and nighttime periods.

As shown, with these errors, the mechanical equipment noise would exceed the noise limits during the nighttime hours at the residences to the west, and at the northeastern residences the noise limits would be exceeded during the daytime and nighttime hours. See Figure 1. Since the L50 *[sic]* is less than the Leq *[sic]*, the actual quiet range of the median levels should be even lower than shown in the MND Table 4.13-6, which could result in significant noise impacts for daytime hours.

[5] James P. Cowan, *Handbook of Environmental Acoustics*, page 37, 1994.

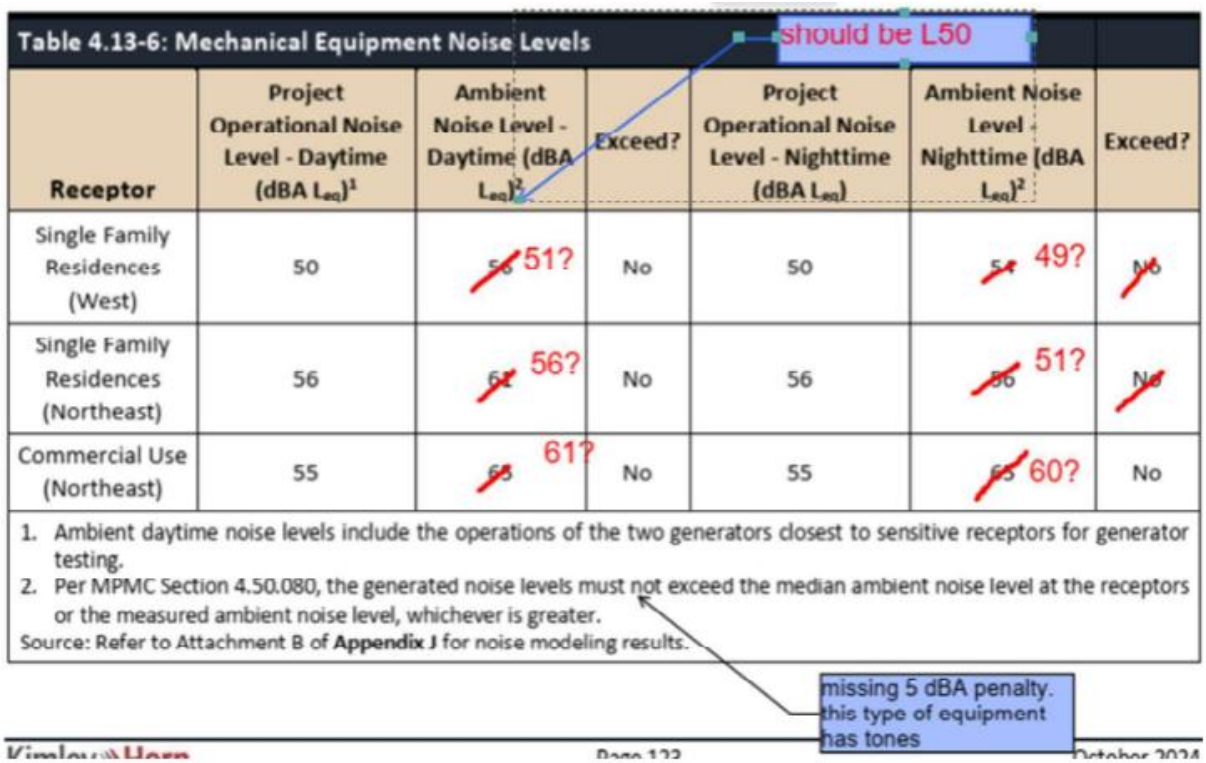


Table 4.13-6: Mechanical Equipment Noise Levels

should be L50

Receptor	Project Operational Noise Level - Daytime (dBA L_{eq})[1]	Ambient Noise Level - Daytime (dBA L_{eq})[2]	Exceed?	Project Operational Noise Level - Nighttime (dBA L_{eq})	Ambient Noise Level - Nighttime (dBA L_{eq})[2]	Exceed?
Single Family Residences (West)	50	51?	No	50	49?	No
Single Family Residences (Northeast)	56	56?	No	56	51?	No
Commercial Use (Northeast)	55	61?	No	55	60?	No

1. Ambient daytime noise levels include the operations of the two generators closest to sensitive receptors for generator testing.
2. Per MPMC Section 4.50.080, the generated noise levels must not exceed the median ambient noise level at the receptors or the measured ambient noise level, whichever is greater.

Source: Refer to Attachment B of **Appendix J** for noise modeling results.

missing 5 dBA penalty. this type of equipment has tones

Kimley»Horn Page 122 October 2024

Figure 1 Markup of Table 4.13-6 from MND – MND Omits Generator Noise

Response to Comment 3-34

This comment claims that there are two errors in Table 4.13-6 of the IS/MND, which is incorrect, as discussed below.

First, the comment claims that the ambient noise level referenced must be the median noise level, L_{50}, not L_{eq}. This claim is not technically accurate because the ambient noise measurements shown in IS/MND Table 4.13-6 are in fact L_{50} (median) noise levels. As noted above, the IS/MND Table 4.13-6 incorrectly labeled the noise metrics in the column headings as L_{eq}. Therefore, the IS/MND will be revised to correct this typographical error; refer to Response to Comment 3-6. As the comment incorrectly assumes that the measured noise levels are L_{eq} and not L_{50}, the assertion that impacts are underestimated is incorrect.

Second, the comment claims that the noise limit must be lowered by 5 dBA, which is also inaccurate because the analysis uses the correct L_{50} (median) noise levels. The comment also arbitrarily identifies a 5 dBA correction from L_{eq} to L_{50} without any citation or source. Regardless, as noted above, the analysis is based on the correct L_{50} levels and the analysis's conclusions remain unchanged. In addition, refer to Response to Comment 3-31 regarding mechanical equipment and the inapplicable 5 dB penalty.

Comment 3-35

Item #4 Generator Mechanical Equipment Noise Levels Would Be Significant

The results Table 4.13-6 cannot be verified since the source power levels for the chillers and RTUs are not provided in the Noise Memo. Furthermore, the noise from generators was not evaluated citing an "emergency" exemption. However, given the challenges with the California power grid and wildfire in recent years, a power outage could occur at the Project site that would not be considered a local "emergency". Therefore, for purposes of CEQA the noise from 12 simultaneously operating generators must be included. The sound from the generators could be the same or higher than the chillers and RTUs, and the combined operation of all mechanical equipment could be 3 dBA or more than shown in Table 4.13-6 (replicated above in Figure 1). Generators can be provided with sound reducing enclosures, and these must be included as mitigation.

Response to Comment 3-35

This comment initially claims that results Table 4.13-6 cannot be verified since the source power levels for the chillers and rooftop units (RTUs) are not provided in the Noise Memo. In response to this comment, the RTUs (chillers) reference levels have been added to the Supplemental Technical Analysis. Accordingly, the noise modeling for the RTUs is included in the IS/MND and supported by evidence.

Next, this comment questions the emergency exemption in the MPMC based on the commenter's speculation of power outages. This comment is inaccurate for the following reasons.

As discussed on page 123 of the IS/MND, and as provided precisely by Section 4.50.050(b), Noise Disturbances – Exemptions, of the MPMC ". . .. emergency generators or equipment used during a power outage or other emergency" are exempt and therefore not considered noise disturbances. Therefore, the IS/MND was not required to analyze the hypothetical case of generator noise during a potential emergency or power outage, nor would such noise be considered a noise disturbance per the MPPC. In addition, the noise from foreseeable periodic testing of emergency generators, although temporary and occasional, was included in the IS/MND operational noise analysis.

Also, it should be noted that Southern California Edison will supply power to the Project Site with newly constructed power facilities. See Figure 2-4 in the IS/MND, which illustrates the dedicated power lines for the Project. The Project will have a dedicated feed line that will directly service the data center power demand. Accordingly, the Project is less likely to experience potential power outages than other facilities without dedicated power interconnections. This further reduces the likelihood of a hypothetical power loss scenario.

Finally, it should also be noted that the generators are in fact enclosed with noise-reducing enclosures. That design is already built into the generator unit and thus these design features attenuate noise from the source. Thus, the commenter is mistaken that such features must be included as mitigation.

In addition, refer to Response to Comment 3-14.

Comment 3-36

Item #5 Construction Noise Impacts Would Be Significant

If the ambient L_{eq} are what is shown in Table 4.13-2, based on the discussions above, the ambient noise levels at residential areas ranges from 55 to 60 dBA, and the FTA 80 dBA noise threshold for residential shown in Table 4.13-5 would be 20 to 25 dBA higher than the ambient. This would be experienced as noise that is more than four times the existing environment, and it would be a significant impact. Allowing construction noise to exceed the ambient by more than 10 dBA would interfere with speech at neighboring properties. For purposes of CEQA and the MND, the construction analysis must also consider the construction noise from activities near the property line; the noise from these activities would be higher than those shown in Table 4.13-5 which were calculated at distances from the "main activity center". The Noise Memo provides that Sensitive Receptors in single family residences are 65 feet west of the Project site (Table 3). But, based on review of the MND's Figure 2-2 Local Vicinity Map, it is clear that the Project site directly abuts the residence at 2204 Iris Way, and may be as close as 20 feet from the construction zone on the Project site. Construction noise closer to the property line will result in significant noise impacts to nearby sensitive receptors, which will be more severe than analyzed in the MND. These significant impacts would require mitigation, such as sound walls and a construction noise plan. It is possible that some of these potentially significant impacts could not be mitigated below the level of significance, in which case an EIR must be provided.

Response to Comment 3-36

This comment claims generally that construction noise impacts would be significant. That claim is facially inaccurate because the MPMC exempts construction noise from numerical standards. See MPMC Section 4.50.100(a), which states that construction activities are expressly exempted from the sound level limits in the MPMC. The Project would comply with the hours of operation provided in the MPMC, and thus, all construction activities related to the Project are considered exempt from the standards established in the noise ordinance.

Appendix J: Noise and Vibration Analysis Memorandum of the IS/MND explained that construction noise is exempt from the noise standards in the MPMC. Specifically, MPMC Section 4.50.100: Sound level limits – Exceptions provides that "[c]onstruction activities between seven a.m. and seven p.m. Monday through Friday, and between nine a.m. and six p.m. on Saturdays,

Sundays and Holidays" are exempt from sound level limits in the MPMC. The Project would comply with the days and hours of activity established by the City code. Therefore, as explained in the IS/MND, the construction noise analysis provided was for informational purposes only.

Moreover, from a CEQA perspective, the applicable threshold of significance is whether the Project would generate noise levels "in the vicinity of the project in excess of standards established in the noise ordinance." In addition, the City established the noise limits currently in the MPMC with Ordinance No. 2204, which defines a "noise disturbance" as noise that "affects at the same time an entire neighborhood or any considerable number of persons." This standard also aligns with CEQA impact analysis rationale whereby the impacts of a project are analyzed in the context of the environment and not necessarily the impacts on an individual. As demonstrated in the IS/MND and the Supplemental Technical Analysis, the Project does not have a significant construction noise impact due to the MPMC exemption, and in any case, construction noise is not excess of standards within the vicinity of the Project and does not affect an entire neighborhood or any considerable number of persons. Therefore, construction noise impacts remain less than significant.

It should also be noted that the comment identifies only one receptor which may be located as close as 20 feet from the construction zone. As discussed above, and in Response to Comment 3-5 above, noise impacts are analyzed (per applicable FTA protocol) by considering the noise generating equipment located primarily in the middle of the construction site due to the mobile nature of construction equipment and the fact that construction activities are spread throughout the construction site. That methodology reflects actual construction activities because construction activities would not be located adjacent to the identified receptor for the entire duration of construction, and the vast majority of construction required to build the Project (i.e. heavy grading of the site, demolition of the existing building, and construction of the data center) is not located within close proximity to any considerable number of persons. Accordingly, even if the comment regarding receptor distance is true, the noise impact analysis was performed accurately according to established FTA methodology and the parameters of the MPMC.

Thus, the commenter's claim of significance is not accurate and is inconsistent with the applicable threshold and the applicable noise ordinance in the MPMC.

In addition, refer to Responses to Comment 3-5 and 3-33 regarding the appropriate methodology for measuring construction noise from the Project Site, which is supported by substantial evidence and industry standard for noise modeling.

Comment 3-37

Conclusions

The noise analysis for MND contains substantial omissions and errors. Correcting these issues would identify that Project would generate additional significant noise impacts and warrant an Environmental Impact Report (EIR) that includes mitigation measures to manage the anticipated impacts and full disclosure of any impacts that would remain significant.

Please feel free to contact me with any questions on this information.

Response to Comment 3-37

This comment concludes the commentor's remarks on the IS/MND. Good-faith reasoned responses, supported by evidence, are provided in Responses to Comment 3-28 through 3-36.

Letter 4

California Department of Conservation, Geologic Energy Management Division
3780 Kilroy Airport Way, Suite 400
Long Beach, CA 90806
Received on December 2, 2024

Comment 4-1

The Department of Conservation's Geologic Energy Management Division (Division) has reviewed the above-referenced project for impacts with Division jurisdictional authority. The Division supervises the drilling, maintenance, and plugging and abandonment of oil, gas, and geothermal wells in California. The Division offers the following comments for your consideration.

Response to Comment 4-1

This comment serves as an introduction to the commenter and comment letter. As this comment does not concern any information addressed or contained in the Public Review IS/MND, no further response is required.

Comment 4-2

The project area is in Los Angeles County and lies outside any designated oil field. However, based on the Division's online "Well Finder" application, an abandoned well, the "Monterey Park" 1 (API #03720192), is located within the footprint of the proposed new 1-story data center building. The Division's Construction Site Well Review Program should be contacted to review the status of this well. Division information can be found at: www.conservation.ca.gov. Individual well records are also available on the Division's web site, or by emailing CalGEMSouthern@conservation.ca.gov.

Response to Comment 4-2

The comment states that an abandoned well is located within the footprint of the new data center building. As discussed in the Phase I Environmental Site Assessment, provided as Appendix H of the Public Review IS/MND, a Report of Well Abandonment prepared by CalGEM is dated August 9, 1967. CalGEM indicated in their review of the associated reports and records that all requirements relative to plugging and abandonment of the well, removal of the well equipment and junk, and filling of the well records were fulfilled. In addition, the Phase I Environmental Site Assessment states that API #03720192 was a plugged and abandoned dry hole that did not produce oil or gas located on the subject property. Therefore, the Public Review IS/MND includes adequate information related to the well identified in this comment. As this comment does not provide further information that is not already included in the Public Review IS/MND, no further response is required. The comment is noted for the administrative record.

Comment 4-3

The scope and content of information that is germane to the Division's responsibility are contained in Section 3000 et seq. of the Public Resources Code, and administrative regulations under Title 14, Division 2, Chapters 2, 3 and 4 of the California Code of Regulations.

If any wells, including any plugged, abandoned or unrecorded wells, are damaged or uncovered during excavation or grading, remedial plugging operations may be required. If such damage or discovery occurs, the Division's district office must be contacted to obtain information on the requirements and approval to perform remedial operations.

The possibility for future problems from oil and gas wells that have been plugged and abandoned, or reabandoned, to the Division's current specifications are remote. However, the Division recommends that a diligent effort be made to avoid building over any plugged and abandoned well.

Questions regarding the Division's Construction Site Well Review Program can be addressed to the local Division's office in Long Beach by emailing CalGEMSouthern@conservation.ca.gov or by calling (562) 637-4400.

Response to Comment 4-3

This comment provides regulatory background related to the commenter's responsibilities and information related to any damage or discovery of wells. As this comment does not concern any information addressed or contained in the Public Review IS/MND, no further response is required. The comment is noted for the administrative record.

Letter 5

South Coast Air Quality Management District
Sam Wang
Program Supervisor, CEQA IGR
Planning, Rule Development & Implementation
21865 Copley Drive
Diamond Bar, CA 91765-4178
Received on December 3, 2024

Comment 5-1

South Coast Air Quality Management District (South Coast AQMD) staff appreciate the opportunity to review the above-mentioned document. The City of Monterey Park is the California Environmental Quality Act (CEQA) Lead Agency for the Proposed Project. To provide context, South Coast AQMD staff has provided a brief summary of the project information and prepared the following comments which are organized by topic of concern.

Response to Comment 5-1

This comment serves as an introduction to the comment letter. This comment does not focus on the adequacy of the IS/MND or its analysis of potentially significant impacts. Therefore, no further response is required.

Comment 5-2

Summary of Proposed Project Information in the MND

Based on the Draft Initial Study/Mitigated Negative Declaration (IS/MND), the Proposed Project consists of demolishing an existing site and constructing a new 218,400 square-foot data center with a new ancillary equipment yard, new electrical substation, parking, and landscaping. The ancillary equipment yard would be approximately 75,000 square feet and located adjacent to the data center's north side. The Proposed Project would include 14 new emergency diesel generators/engines to provide backup power in the event of an emergency. The Proposed Project would also include a new 24,000 square-foot electrical substation to provide electricity to the data center.[1] Based on a review of aerial photographs, South Coast AQMD staff found that the nearest sensitive receptor (e.g., residential development) is located 65 feet west of the Proposed Project.[2] Construction is anticipated to occur over one phase, lasting approximately 24 months, beginning as early as September 2025 and ending as early as August 2027.[3] The site of the Proposed Project encompasses 15.8 acres and is located at 1977 Saturn Street.[4]

Footnote 1: IS/MND, Page 11.

Footnote 2: *Ibid,* Page 46.

Footnote 3: *Ibid,* Page 21.

Footnote 4: *Ibid,* Page 11.

Response to Comment 5-2

This comment summarizes the project description provided in the Public Review Draft Initial Study/Mitigated Negative Declaration (IS/MND). As noted in the Supplemental Technical Analysis (see **Appendix B**), the Applicant has refined the Project based on responses from the public and agencies, and a request from the City to improve the architectural design. As relevant for the South Coast Air Quality Management District (South Coast AQMD or SCAQMD) comments, it should be noted that the Applicant slightly reduced the total energy load of the Project and accordingly reduced the size and overall demand from the emergency generators. Also, importantly, the Applicant committed to using Tier 4 emergency generators for the Project based on the South Coast AQMD Certified ICE-Emergency Generators list (May 23, 2025) and in consideration of type of generator units recommended by generator vendors based on the Project characteristics. Refer to Supplemental Technical Analysis for generator specification data sheets. As further demonstrated below, and in the Supplemental Technical Analysis, the emissions from the Project remain below the applicable South Coast AQMD thresholds.

Comment 5-3

Recommend Revisions to the CEQA Regional and Localized Operational Air Quality Impacts Analysis

According to the Public Review IS/MND, the Proposed Project includes 14 new emergency diesel engines, each with a capacity of four megawatts (MW) which is equivalent to approximately 5,364 horsepower (hp), to be located on the north side of the site. The operational emissions, both regional and localized, have been evaluated and calculated using the California Emissions Estimator Model (CalEEMod), as detailed in Appendix A-1: Air Quality Analysis Memorandum. The Lead Agency concludes that the Proposed Project's operational emissions are less than the South Coast AQMD air quality significance thresholds for both regional and localized emissions.

However, the emissions calculations do not include operational emissions from the 14 new 5,364 hp emergency diesel engines, which would require air permits from South Coast AQMD. The omission of these operational emissions from the calculations is a major flaw in the analysis because the conclusion of less than significant air quality impacts is relying on underestimated emissions from all criteria pollutants. This is especially concerning considering the Proposed Project's proximity to residential neighborhoods.

Response to Comment 5-3

This comment generally recommends revisions to the regional and localized operational air quality impact analysis. As discussed below, the City has accordingly updated relevant impact analysis in response to this comment. As demonstrated in the IS/MND, and the Supplemental

Technical Analysis, the Project's peak daily emissions remain less than the South Coast AQMD's regional air quality significance thresholds and impacts remain less than the South Coast AQMD's localized impact thresholds. As recommended by South Coast AQMD, the operational emissions for the emergency generators are calculated in the Supplemental Technical Analysis.

The Project's operational CalEEMod run included the emissions associated with the data center including area, mobile emissions, and energy sources (IS/MND page 45). As discussed recently with South Coast AQMD staff, the emissions associated with the emergency generators were not initially included in the CalEEMod model as the exact operating limits were to be determined during the process of obtaining South Coast AQMD permits to operate consistent with regulatory compliance. This approach was explained on pages 45-46 of the IS/MND stating that "periodic testing and maintenance of the generators would be limited under the terms of South Coast AQMD operating permits to be obtained by the Applicant. Thus, the temporary emissions from the generators during testing and maintenance would be regulated by South Coast AQMD to ensure adherence to applicable thresholds and permit limits set by the regulating agency. As part of the regulatory compliance process, the Applicant will obtain Permits to Operate (PTO) from the South Coast AQMD before installation or operation of the emergency generators, which verifies that the generators meet the applicable Best Available Control Technology (BACT) requirements and comply with South Coast AQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines) and Rule 1401 (New Source Review of Toxic Air Contaminants).

In addition to the information provided in the IS/MND, and in response to South Coast AQMD's recommendation to quantify operational emissions from the emergency generators, the Supplemental Technical Analysis now provides such information. The Supplemental Technical Analysis includes detailed modeling information and analysis of the potential emissions. As discussed with South Coast AQMD, emissions were calculated using U.S. EPA- and CARB-approved emission factors in spreadsheets because CalEEMod does not account for the specific equipment configurations, manufacturer-rated emissions, and operational assumptions associated with these generator units. This provides a detailed, accurate, and project-specific analysis of potential emissions.

In addition, due to adjustments in the Project (based on responses to comments and Lead Agency's request) CalEEMod was updated for the current design. Table 5 in the Supplemental Technical Analysis includes the CalEEMod input changes. It should be noted that, while the maximum facility demand could be met with 18 generators, 6 additional generators will be installed to provide redundancy. However, all generators are for emergency use only. The analysis assumes up to 50 hours per year of generator use for testing and maintenance consistent with applicable regulatory limits and industry practice.

The Project will implement a Standard Operating Procedure (SOP) that limits testing and maintenance across all generators to no more than 13 hours per day. Testing and maintenance activities include regularly scheduled start-ups, and run-time checks to ensure the generators remain in proper working condition. These activities typically involve operating each generator under load for a short period of time (e.g., 15–60 minutes) on a monthly or quarterly basis), inspecting fuel, oil, and cooling systems, and verifying that emissions controls are functioning as designed. These procedures are carried out under controlled conditions and are required to ensure the generators will perform reliably in the event of an emergency outage. This modeling provided quantitative emissions for potential regional impacts and 1-hour, 8-hour, and 24-hour averaging times for localized impacts, as requested by South Coast AQMD.

Table 1 below demonstrates that the Project's regional operational emissions, inclusive of emergency generators, would not exceed applicable South Coast AQMD thresholds.

Table 1: Project Operational Emissions

Source	Emissions (pounds per day)[1]					
	ROG	**NO_X**	**CO**	**SO_2**	**PM10**	**PM2.5**
Area	8.44	0.10	11.80	<0.01	0.02	0.02
Energy	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.18	0.16	1.81	<0.01	0.46	0.12
Emergency Generators[2]	14.80	52.85	105.69	0.58	2.33	2.33
Total	**23.42**	**53.11**	**119.38**	**0.58**	**2.78**	**2.44**
SCAQMD Threshold	55	55	550	150	150	55
SCAQMD Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

1. Emissions were calculated using the California Emissions Estimator Model (CalEEMod) version 2022.1.1.22, as recommended by South Coast AQMD. Worst-case seasonal maximum daily emissions are reported.
2. Calculations were performed in spreadsheet calculations. The modeling assumed no more than 13 hours of testing and maintenance run time in any one day for all generators.

Source: CalEEMod version 2022.1.1.22. Refer to **Appendix B: Supplemental Technical Analysis** for model outputs.

Comment 5-4

To ensure a comprehensive analysis of the Proposed Project's regional and localized air quality impacts on the surrounding area, it is recommended that the Lead Agency:

- Include the calculated emissions from the 14 new 5,364 hp emergency diesel engines. Permits for emergency engines are typically limited to up to 50 hours per year for maintenance and testing and no more than 200 hours per year of total operation (this

includes emergency use). Therefore, the CEQA document should calculate the emissions from the operation of all 14 emergency engines for 200 hours per year or if a lower number of hours of operation is used, South Coast AQMD staff would have to include a condition in the permit limiting the hours of operation to what was assumed in the CEQA document. Please also note that depending on the engine tier, the Proposed Project might trigger Title V requirements, as described later.

- Re-run CalEEMod to incorporate these emissions and reassess the total operational emissions.

Response to Comment 5-4

The comment recommended that the IS/MND include calculated emissions for the emergency diesel engines. In response to this comment, the Lead Agency has supplemented the IS/MND and it includes emission estimates from operation of the anticipated generators.

As discussed in Response to Comment 5-3, the emergency generator emissions calculations and operating limits for the emergency generators have been evaluated and calculated in the Supplemental Technical Analysis. The engine parameters utilized in the IS/MND were Tier 4 certified engines on the South Coast AQMD Certified ICE-Emergency Generators list updated May 23, 2025. See **Table 2** below for the engine parameters associated with the Project as refined based on public comments and Lead Agency requests.

Table 2: Project Engine Parameters

Make	Model	#	MW
Cummins	QSK78-G11 W/ D5F-H Tier 4f Aftertreatment	18 generators (plus 6 for redundancy)	2.75

Additionally, **Table 3** below provides operational and modeling assumptions used in the Supplemental Technical Analysis.

Table 3: Operational Assumptions

Analysis Scenario	Number of Generators	Generator Rating (MW)	Hours of Operation
Criteria Pollutants, regional[1]	4-24	2.75	13/day
Criteria Pollutants, localized[1]			
1-hour averaging time	1+		1/day
8-hour averaging time	2+		8/day
24-hour averaging time	4-24		13/day
Potential to Emit (PTE)[2]	24	2.75	50/year
Greenhouse Gas Emissions[1]			
Health Risk (Toxic Air Contaminants Emissions)[3]			
NO_X National Ambient Air Quality Standard (NAAQS) Analysis[4]	24		200/year

1. Engine testing represents the maximum reasonably foreseeable operational scenario, and the Applicant will limit the total hours of maintenance and testing to no more than 13 hours per day from all generators. South Coast AQMD permits typically limit each generator to no more than 4.2 hours per calendar month. Routine testing must be performed during the day so that the operator can view the exhaust.
2. South Coast AQMD Rule 1470 (c)(2)(C)(i) limits engine operation for maintenance and testing to 50 hours per year. Also pursuant to South Coast AQMD's policy and procedures No. EC-02-09, dated February 24, 2009.
3. The analysis assumes up to 50 hours per year of generator use.
4. In accordance with U.S. EPA's *Modeling Compliance of The Federal 1-Hour NO_2 NAAQS Guidance*. This hours of operations assumption forNO_2 NAAQS analysis only.

Refer to **Appendix B: Supplemental Technical Analysis** for model outputs.

The comment stated that the CEQA document should calculate the emissions from the operation of the emergency generators for 50 hours per year for maintenance and testing and no more than 200 hours per year (based on typical permits) total operation or a lower number of hours of operations if that is assumed for the Project. It should be noted, however, that South Coast AQMD CEQA thresholds for criteria pollutants are based on maximum daily emissions, not annual permitted emissions. For this Project, typical testing for a generator is approximately 15 minutes with some tests requiring more time, up to 4.2 hours. The standard operating procedure (SOP) applied here is no more than 13 generator hours being operated per day. These operating conditions and limits are reflected in **Table 3**, above.

In addition, it should be noted that the presumed permit limit of 200 hours per year from all 24 generators was used in the federal NO_2 NAAQS modeling, in accordance with U.S. EPA guidance

on intermittent sources. As discussed above, and discussed in the IS/MND, regulatory permitting for the generators would occur in the future once the Applicant procures generators for the Project and applies for permits to operate from the South Coast AQMD. Hence, reasonable operational assumptions, based on anticipated generator models and related emissions factors, were utilized for impact analysis in the CEQA document. Also note that 50 hours was used to calculate emissions of toxic air contaminants (TACs), including diesel particulate matter (DPM), which reflects the California Air Resources Board (CARB) Airborne Toxic Control Measure (ATCM) for Stationary Diesel Engines (California Code of Regulations, Title 17, §93115) and South Coast AQMD Rule 1470 parameters; and applicable OEHHA guidance.

Table 4 below lists the potential to emit (PTE) assuming 24 engines certified to U.S. EPA Tier 4 emissions standards operating at 50 hours per year, as required by South Coast AQMD Rule 1470 (c)(2)(C)(i). It should also be noted that the Project PTE would not exceed Title V major source thresholds, as further discussed below.

Table 4: Engine Potential to Emit

Scenario	Criteria Pollutant Emissions (tons per year)						
	VOC	**NO_x**	**CO**	**SO_2**	**PM_{10}**	**HAPs**	**Single HAP**
50 hours per year per generator							
Project PTE [1]	0.68	2.44	4.90	0.03	0.11	<0.10	<0.10
Title V Threshold	10	10	50	100	70	25	10
Exceed Title V Threshold?	***No***	***No***	***No***	***No***	***No***	***No***	***No***

1. PTE assumed the installation of 18 plus 6 redundant Tier 4 2.75 MW generators operating at 50 hours per year, and South Coast AQMD's policy and procedures No. EC-02-09, dated February 24, 2009.
Refer to **Appendix B.**

Accordingly, the Project does not trigger Title V requirements as emissions remain below South Coast AQMD, California Ambient Air Quality Standards (CAAQS), and National Ambient Air Quality Standards (NAAQS).

Comment 5-5

Utilize an appropriate air quality dispersion model, such as AERMOD, to evaluate localized air quality impacts to the 1-hour NOx federal and state ambient air quality standards (AAQS) from the operation of all 14 new 5,364 hp emergency diesel engines. Since the engines are not restricted to when they will be operated for maintenance and testing, the CEQA document should analyze the impacts from all 14 new 5,364 hp emergency diesel engines concurrently operating during a one-hour duration and compare the results to the AAQS.

Response to Comment 5-5

The comment recommended that the IS/MND include air quality dispersion modelling, such as AERMOD, to evaluate localized air quality impacts to the 1-hour NO_X federal and state ambient air quality standards (AAQS) from the operation of emergency diesel engines. In response, the Lead Agency has supplemented the IS/MND to include the recommended air quality dispersion modeling.

As discussed in Responses to Comment 5-3 and 5-4, the Supplemental Technical Analysis includes AERMOD dispersion modeling for the NAAQS, localized air quality impacts, and cancer risk for the emergency generators. Dispersion modeling was performed using the South Coast AQMD - preferred model, AERMOD, including building downwash considerations for the point sources. Emissions were calculated using project-specific emission data and factors described in Supplemental Technical Analysis. For the purpose of modeling NAAQS impacts, the Project appropriately applied different operational assumptions for federal and state analyses, consistent with applicable guidance. For the 1-hour NO_X National Ambient Air Quality Standards (NAAQS) modeling, emissions were modeled assuming up to 200 hours of annual operation per generator. This approach follows U.S. EPA and South Coast AQMD guidance, including the 1995 EPA *Seitz Memorandum* and U.S. EPA's *Modeling Compliance of The Federal 1-Hour NO_2 NAAQS Guidance*, which recommends using 200 hours per year to represent a conservative, but reasonable upper bound of operation for intermittent emergency engines when evaluating compliance with short-term criteria pollutant standards. Because the 1-hour NAAQS is intended to assess short-duration peak concentrations, use of the 200-hour scenario provides a protective demonstration of potential worst-case impacts to ambient air quality. See **Table 3** above in Response to Comment 5-4 for more information.

The maximum off-site concentrations of NO_2 from Project operations were added to the appropriate historical background concentrations and compared to the applicable AAQS. If a source's maximum impacts are below the applicable significant impact thresholds, the project is judged to not cause or contribute significantly to an AAQS violation or cause an increment violation. As shown in **Table 5** below, maximum emissions from the Project will not cause or contribute to a violation of an applicable NO_2 NAAQS or CAAQS. Therefore, impacts remain below applicable thresholds.

Table 5: AAQS Table

Pollutant	Averaging Time	Maximum Modeled Concentration ($\mu g/m^3$)	Background Concentration[1] ($\mu g/m^3$)	Total Ground Level Concentration ($\mu g/m^3$)	SCAQMD Threshold ($\mu g/m^3$)[2]	Threshold Exceeded?[3]
NO_2[4]	1-hour	17.37	101.05	118	339 (state)	No
	1-hour[5]	15.41	121.38	137	188 (federal)	No

	Annual	2.09	31.99	348	57 (state)	No
	Annual	2.09	31.99	34	100 (federal)	No

Notes:
1. Background concentrations are from the Pico Rivera Monitoring Station is located at 4144 San Gabriel River Parkway, Los Angeles. https://www.aqmd.gov/home/air-quality/historical-air-quality-data/historical-data-by-year.
2. All thresholds are shown in micrograms per cubic meter ($\mu g/m^3$) for comparison to modeled concentrations.
3. Exceedances of the thresholds are indicated in bold.
4. NO_2 concentrations were calculated per Tier 1 conversion in U.S. EPA's 40 CFR Part 51 Appendix W, Section 4.2.3.4.
5. This comparison is to the federal NAAQS, which is a 98th percentile threshold. The background concentration is the average of the 8th highest daily maximum 1-hour concentration.

Source: Refer to **Appendix B: Supplemental Technical Analysis.**

Comment 5-6

These updated calculations, along with their associated impact analyses, should be discussed and included in a revised CEQA document to provide a transparent and complete assessment of the Proposed Project's air quality impacts.

Response to Comment 5-6

The comment requested that the IS/MND include updated calculations and associated emissions analysis for the emergency generators. In response, the Lead Agency has supplemented the IS/MND with the Supplemental Technical Analysis and the quantitative modeling referenced in the responses to South Coast AQMD.

Comment 5-7

Recommend Revisions to Greenhouse Gas Analysis

According to Section 4.8, *Greenhouse Gas Emissions*, the Draft IS/MND concluded a less than significant impact on greenhouse gases (GHG). However, Table 4.8-3 – *Operational Greenhouse Gas Emissions Opening Year* indicates that the total GHG emissions from the Proposed Project would be 85,309 MTCO2e *[sic]* per year, which significantly exceeds South Coast AQMD's air quality significance threshold for GHGs emissions of 10,000 MTCO2e *[sic]* per year. As such, the GHG emission impacts of the Proposed Project should be concluded as significant. If the Proposed Project results in significant environmental impacts that cannot be mitigated to a "less than significant" level through feasible mitigation measures, a more comprehensive environmental review, such as an Environmental Impact Report (EIR), will be required. The EIR must also include an analysis of alternative project options that could potentially reduce the environmental

impacts. The Lead Agency is recommended to address this issue and revise the CEQA document accordingly.

Response to Comment 5-7

The comment stated that the Project emissions exceed " . . . the South Coast AQMD's air quality significance threshold for GHGs emissions of 10,000 MTCO2e per year." As discussed below, that threshold does not apply to the Project or the IS/MND.

The 10,000 $MTCO_2e$ GHG interim threshold referenced above is for projects where South Coast AQMD is the lead agency. The comment appears to be referencing threshold guidance in the *Interim CEQA GHG Significance Threshold for Stationary Sources, Rules and Plans* (December 5, 2008 board meeting).[6] In that document, the South Coast AQMD states: "This action is to adopt a resolution approving the Interim CEQA GHG Significance Threshold for Stationary Sources, Rules, and Plans where AQMD is the lead agency." South Coast AQMD is not the lead agency for the Project. Therefore, the threshold noted in the comment does not apply here. The document continues to explain on page 2, "The interim GHG significance threshold proposal recommended by staff to the Board that applies only to industrial (stationary source) projects where the AQMD is the lead agency is a narrower recommendation than the version presented at the October 29, 2008 Climate Change Committee meeting." It should be noted that the Project is not considered an industrial source.

In addition, it should be noted that the document also states that "[i]f the proposed project is consistent with the qualifying local GHG reduction plan, it is not significant for GHG emissions." As explained below, and in other responses to comments, the Project is consistent with the Lead Agency's local GHG plan.

Specifically, as discussed in the IS/MND, the City of Monterey Park has a Climate Action Plan (CAP). The CAP outlines the actions the City would undertake to achieve its proportional share of State GHG emission reductions for the target year 2035. Individual projects demonstrate their compliance with the CAP through the consistency table analysis. The CAP is a qualified local GHG reduction plan under CEQA, which can be used to determine the significance of GHG emissions from a Project. Therefore, the Lead Agency applied the correct GHG threshold of significance and the IS/MND determined impacts to be less than significant.

Comment 5-8

Health Risk Assessment (HRA) during Project Operation

Similarly, the Draft IS/MND for the Proposed Project does not include a comprehensive assessment of the health risks associated with operating 14 new 5,364 hp emergency diesel engines. This omission of a health risk analysis from the calculations is another major flaw in the analysis because the majority of toxic air contaminants (TACs) emissions, primarily as diesel

[6] South Coast AQMD, *Interim CEQA GHG Significance Threshold for Stationary Sources, Rules and Plans*, 2008. https://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-thresholds/ghgboardsynopsis.pdf. Accessed September 29, 2025.

particulate matter (DPM) which is an air toxic and a carcinogen, will be emitted by these 5,364 hp engines. Additionally, the site of the Proposed Project is adjacent to multiple residential neighborhoods, with the nearest sensitive receptor located within 65 feet north of the Proposed Project site. As a result, the potential cancer risk associated with these 14 new 5,364 hp emergency diesel engines from the Proposed Project remains unknown and undisclosed.[5]

Based on the project description for the 14 new 5,364 hp emergency diesel engines, South Coast AQMD staff conducted a preliminary evaluation to estimate the potential cancer risk (CR). Using the Health Risk Assessment Tool and AERMOD-Ready Meteorological Data Files for South Coast AQMD permit applications and CEQA analyses[6], the estimated CR from one new 5,364 hp emergency diesel engine could be as high as 134 in one million, which significantly exceeds the South Coast AQMD CR threshold of 10 in one million.[7]

This calculation is based on the following assumptions:

- The diesel generator is equipped with a U.S. EPA-certified Tier 2 non-road diesel engine.[8]
- Particulate matter (PM) emission rate of 0.15 grams per brake horsepower-hour (g/bhp-hr) for diesel engines rated at ≥560 kilowatts (kW).
- Emergency diesel engine capacity: 4-MW (equivalent to 5,364 hp)
- Operation: up to 200 hours per year.
- Distance to the nearest sensitive receptor: 65 feet.

When the CR is estimated for all 14 new 5,364 hp emergency diesel engines, the total CR will be 1,876 in one million, far exceeding South Coast AQMD's air quality significance threshold of 10 in one million for TAC impacts. This substantial cancer risk highlights the potential to create significant adverse impacts from the 14 new 5,364 hp emergency diesel engines to the surrounding community, with the nearest residential receptors bearing the largest burden of that exposure.

Footnote 5: South Coast AQMD's guidance for performing a mobile source health risk assessment is available at: https://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook/mobile-source-toxics-analysis

Footnote 6: South Coast AQMD's Health Risk Assessment Tool and AERMOD-Ready Meteorological Data Files. https://www.aqmd.gov/assets/aermet/AERMET_files_And_HRA_Tool.html

Footnote 7: South Coast AQMD Air Quality Significance Thresholds. https://www.aqmd.gov/docs/default-source/ceqa/handbook/south-coast-aqmd-air-quality-significance-thresholds.pdf

Footnote 8: EPA Emission Standards for Nonroad Engines and Vehicles. https://www.epa.gov/emission-standards-reference-guide/epa-emission-standards-nonroad-engines-and-vehicles

Response to Comment 5-8

The comment stated that the IS/MND did not include a comprehensive assessment of health risks associated with operating the emergency diesel engines; and recommended that the Lead Agency conduct an operational phase Health Risk Assessment (HRA) and include it in an updated CEQA document. In response to this comment, the City has prepared a comprehensive operational HRA that includes all emissions sources from the Project (including the emergency generators) and provided that in the Supplemental Technical Analysis as part of administrative record for the IS/MND. In addition, it should be noted that the IS/MND did include an HRA (as Appendix B) for Project construction and operations.

Nonetheless, the City has supplemented that HRA will additional analysis as requested by the comment. The HRA analysis requested by the South Coast AQMD, and provided in the Supplemental Technical Analysis, provides further evidence that the Project does not exceed applicable thresholds. As discussed below, and quantitatively demonstrated in the Supplemental Technical Analysis, the Project remains below applicable emissions thresholds for cancer risks and toxic air contaminants.

Also note that, as part of regulatory compliance, the Applicant will obtain Permits to Operate (PTO) from the South Coast AQMD prior to operation of the emergency generators. That permitting process further ensures that generators meet the applicable Best Available Control Technology (BACT) requirements and comply with South Coast AQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines) and Rule 1401 (New Source Review of Toxic Air Contaminants).

As discussed in Responses 5-3 and 5-4, the Supplemental Technical Analysis includes AERMOD dispersion modeling for the 18 plus 6 redundant 2.75 MW Tier 4 emergency diesel engines, which is the operational expectations at this time for the Project. As discussed in the Supplemental Technical Analysis, the generator exhaust stacks will be routed to the roof of the data center building along the northern wall. The nearest residential receptors would be located approximately 330 feet away from these sources, with other receptors located further away. **Table 6** below demonstrates that the cancer risk , inclusive of construction and operational activities, remains below the applicable thresholds for residential and worker receptors, as identified in the IS/MND.

In addition, it should be clarified for the record that several of the assumptions listed in the comment are inaccurate. The clarifications are as follows. The comment assumed Tier 2 diesel engines, which is inaccurate. The Project will include Tier 4 diesel engines for emergency

generators, which have superior emissions control. The comment assumed engine capacity was 4 megawatt (MW), which is inaccurate. Based on detailed discussions with generator vendors, and anticipated market availability, the Applicant downsized the generators to approximately 2.75 MW, and used generator assumptions associated with the units identified on the South Coast AQMD Certified ICE-Emergency Generators list (May 23, 2025). The comment assumed the nearest sensitive receptor is 65 feet away, which is inaccurate. The nearest receptor is approximately five times further away (at 330 feet) from the closest operational point-source of emissions. Other receptors are even further away. Therefore, for several reasons, the emissions calculations in the comment are not representative of the Project. Accordingly, the Supplemental Technical Analysis, and related quantitative analysis in the IS/MND, more accurately represent the operational characteristics of the Project and the potential emission levels.

Therefore, as demonstrated by the comprehensive operational phase HRA requested, the potential health risk for residents and workers are below the applicable thresholds.

Table 6: Carcinogenic Risk Analysis

Exposure Scenario	Cancer Risk (Risk per Million)[1]	Significance Threshold (Risk per Million)	Exceeds Significance Threshold?
Construction			
Residential Receptors	3.41	10	No
Worker Receptor	0.16	10	No
Operations			
Residential Receptors	6.97	10	No
Worker Receptor	2.52	10	No
Combined Construction + Operation			
Residential Receptors	7.03	10	No
Worker Receptor	2.68	10	No
1. The reported cancer risk is at the closest maximally exposed individual receptor (MEIR) to the Project Site. Source: Refer to **Appendix B: Supplemental Technical Analysis.**			

Comment 5-9

Title V Permit Requirements

Title V is a federal program designed to standardize air quality permits and the permitting process for major sources of emissions across the country. Title V requirements are implemented by the South Coast AQMD through its Regulation XXX – Title V Permits.[11] *[sic]* Title V only applies to major sources, which the U.S. EPA defines as facilities that emit or have the potential to emit

(PTE) any criteria pollutant or hazardous air pollutant (HAP) at levels equal to or greater than the Major Source Thresholds (MST) found in Table 2 of South Coast AQMD's Rule 3001 – Applicability. For the South Coast Air Basin, which is where the Proposed Project is located, the MST is 10 tons per year for NOx.[9]

The U.S. EPA nonroad Tier 2 diesel engine emission limit for NOx + (Non-Methane Hydrocarbon) NMHC is 4.8 g/bhp-hr. Typically, NMHC accounts for 5% of this total (0.24 g/bhp-hr), leaving NOx emissions at 4.56 g/bhp-hr. Assuming NOx emissions are 4.56 g/bhp-hr and each 5,364 hp emergency diesel engine would be permitted to operate up to 50 hours per year for maintenance and testing, the 14 new emergency engines would emit 19 tons of NOx per year, which exceeds the MST. Therefore, the Proposed Project/facility would require an initial Title V permit application and be subject to Title V as well as South Coast AQMD Rule 317.1 – Clean Air Act Nonattainment Fees for 8-Hour Ozone Standards .[13] *[sic]* As part of the Title V permitting requirements, the facility will be required to install equipment that meets the Lowest Achievable Emissions Rate (LAER) at the time the permit is issued, which is currently a Tier 4 Final engine.

Therefore, the Lead Agency is recommended to revise the CEQA document to include a discussion of the Title V applicability requirements or apply additional feasible mitigation measures to ensure that the NOx emissions remain less than the MST.

Footnote 9: South Coast AQMD. Rule 3001 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-xxx/rule-3001-applicability.pdf

Response to Comment 5-9

The comment generally explains the Title V federal program and its applicability. The comment identifies that Title V only applies to major sources, which the U.S. EPA defines as facilities that emit or have the potential to emit (PTE) any criteria pollutant at levels equal to or greater than the Major Source Thresholds (MST) found in Table 2 of South Coast AQMD's Rule 3001 – Applicability, which for the South Coast Air Basin, is 10 tons per year for NOx. This comment is noted. However, as discussed below, the Project does not have a PTE that triggers Title V applicability.

It should be noted that the comment assumed the Project would include Tier 2 diesel engines, at a larger size, when preliminarily calculating potential MST related to the Project. As noted above, those assumptions are inaccurate. The Project would include Tier 4 engines, which include superior air emissions control technology.

As shown on **Table 4** above, the PTE assuming emergency generator engines are Tier 4 (which accurately reflects the Project) would not exceed MST thresholds. Therefore, Title V does not apply to the Project. This analysis has been included in the supplemental analysis for the IS/MND as recommended by the comment.

Comment 5-10

Use of South Coast AQMD's Mass Rate Localized Significance Threshold (LST) Look-Up Table to Analyze the Proposed Project's Localized Air Quality Impact is not Consistent with Guidance for the LST Methodology

Based on the Project Description in MND, the Proposed Project covers approximately 15.8 acres.[10] The Lead Agency uses South Coast AQMD's Mass Rate LST Look-up Table for five acres as a screening tool to determine if the Proposed Project's operational daily emissions of NOx, CO, PM10 and PM2.5 could result in a significant impact to local air quality.[11] However, South Coast AQMD staff developed the LST methodology specifically for proposed projects that are less than or equal to five acres.[12] For projects exceeding five acres in size or projects that fall into specific categories outlined in Table 3-2 of the LST methodology, the Lead Agency is recommended to conduct project-specific dispersion modeling to accurately assess localized air quality impacts. Since the Proposed Project site is larger than five acres in size, includes numerous large combustion sources, and may potentially be subject to Title V requirements, the LST lookup tables are not applicable. Therefore, the Lead Agency is recommended to: 1) perform project-specific air dispersion modeling for the Proposed Project's operational phase emissions to determine localized air quality impacts; and 2) include the results in the revised CEQA document.

Footnote 10: IS/MND. Page 54.

Footnote 11: *Ibid.* Page 55.

Footnote 12: South Coast AQMD. Final Localized Significance Threshold Methodology available at

https://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/final-lst-methodology-document.pdf

Response to Comment 5-10

The comment generally asserts that the use of South Coast AQMD's Localized Significance Threshold (LST) look-up tables is not consistent with guidance for the LST methodology; and then recommended that the Lead Agency perform project-specific dispersion modeling to evaluate localized operational air quality impacts. As discussed below, the City has performed additional dispersion modeling as recommended, even though the LST analysis in the IS/MND is conservative and provides adequate impact analysis. See the Supplemental Technical Analysis for supplemental technical analysis.

Regarding the IS/MND analysis, the South Coast AQMD's Localized Significance Threshold (LST) lookup tables and analysis were used as a conservative screening analysis. Page 4-1 of the South Coast AQMD's LST Guidance states:

> *"Screening procedures are by design conservative, that is, the predicted impacts tend to overestimate the actual impacts. If the predicted impacts are acceptable using the LST approach presented here, then a more detailed evaluation is not necessary."*

The allowable emissions under South Coast AQMD's LST screening tables increase as the acreage and distance to receptors increase because pollutants become dispersed (i.e., pollutants are less concentrated) over larger areas. Accordingly, the use of LST lookup values for this Project is conservative, as the screening thresholds already account for dispersion effects at larger sites and greater receptor distances. Therefore, the LST analysis in the IS/MND is conservative and project-specific air dispersion modeling is not technically necessary. However, as discussed above, dispersion modeling for the Project's localized operational pollutant concentrations was prepared and is included in the Supplemental Technical Analysis.

Using the South Coast AQMD's recommended approach, **Table 7** shows the maximum localized operational pollutant concentrations in the vicinity from peak day operational activity. These concentrations are the maximum levels and all other modeled locations in the study area would experience lower concentrations.. As shown in **Table 7**, the pollutant concentrations are well below the applicable ambient air quality standards and would not exceed the South Coast AQMD's thresholds.

Table 7: Modeling to Demonstrate Localized Operational Impacts

Pollutant	Averaging Time	Maximum Modeled Concentration	Background Concentration (µg/m^3) [1]	Total Ground Level Concentration (µg/m^3)	Threshold (µg/m^3) [2]	Threshold Exceeded?
NO_2 [3]	1-hour	61.34	101.05	162.39	339	No
CO	1-hour	216.24	2,176.66	2,392.89	23,000	No
	8-hour	89.13	1,718.41	1,807.54	10,000	No
PM_{10} [4]	24-hour	0.45	--	0.45	2.5	No
$PM_{2.5}$ [4]	24-hour	0.44	--	0.44	2.5	No

1. Background concentrations are from the Pico-Rivera Monitoring Station (4144 San Gabriel River Pkwy. Pico Rivera, CA 90660, AQS# 060371602).
2. Ambient air quality thresholds are from South Coast AQMD Rule 1303 and Rule 403. All thresholds are shown in micrograms per cubic meter (µg/m^3) for comparison to modeled concentrations.
3. NO_2 concentrations were calculated per Tier 2 ARM2 ratios in U.S. EPA's 40 CFR Part 51 Appendix W, § 4.2.3.4. Conversion of NO_X to NO_2 use U.S. EPA minimum and maximum default values NO_2/NO_X of 0.5 and 0.9, respectively.
4. The thresholds for PM10 and PM2.5 are incremental thresholds; therefore, the incremental concentration without background is compared to the threshold.

Source: Refer to **Appendix B: Supplemental Technical Analysis.**

Comment 5-11

South Coast AQMD Air Permits and Role as a Responsible Agency

Since implementation of the Proposed Project would require the use of new stationary sources, including but not limited to emergency generators, air permits from South Coast AQMD will be required. The revised CEQA document should include a discussion about the South Coast AQMD rules that may potentially apply to the Proposed Project. In addition to Regulation XXX and Rule 317.1, those rules may include, for example, Rule 201 – Permit to Construct,[13] Rule 203 – Permit to Operate,[14] Rule 401 – Visible Emissions,[15] Rule 402 – Nuisance,[16] Rule 403 – Fugitive Dust,[17] Rule 1110.2 – Emissions from Gaseous and Liquid Fueled Engines,[18] Rule 1166 – VOC Contaminated Soil Excavation,[19] Regulation XIII – New Source Review,[20] Rule 1401 – Air Toxics,[21] Rule 1466 – Control of Particulate Emissions from Soils with Toxic Air Contaminants,[22] Rule 1470 – Requirements for Stationary Diesel Fueled Internal Combustion and Other Compression Ignition Engines,[23] Rule 1472 – Requirements for Facilities with Multiple Stationary Emergency Standby Diesel-Fueled Internal Combustion Engines, and etc.[30] *[sic]* It is important to note that when air permits from South Coast AQMD are required, the role of South Coast AQMD would change from a Commenting Agency to a Responsible Agency under CEQA. In addition, if South Coast AQMD is a Responsible Agency, per CEQA Guidelines Section 15086, the Lead Agency is required to consult with South Coast AQMD.

Footnote 13: South Coast AQMD. Rule 201 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-ii/rule-201.pdf

Footnote 14: South Coast AQMD. Rule 203 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-ii/rule-203.pdf

Footnote 15: South Coast AQMD. Rule 401 available at https://www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-401.pdf

Footnote 16: South Coast AQMD. Rule 402 available at https://www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-402.pdf

Footnote 17: South Coast AQMD. Rule 403 available at https://www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-403

Footnote 18: South Coast AQMD. Rule 1110.2 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-xi/r1110_2.pdf

Footnote 19: South Coast AQMD. Rule 1166 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-xi/rule-1166.pdf

Footnote 20: South Coast AQMD. Regulation XIII available at https://www.aqmd.gov/home/rules-compliance/rules/scaqmd-rule-book/regulation-xiii

Footnote 21: South Coast AQMD. Rule 1401 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1401.pdf

Footnote 22: South Coast AQMD. Rule 1466 available https://www.aqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1466.pdf

Footnote 23: South Coast AQMD. Rule 1470 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1470.pdf

Response to Comment 5-11

The proposed Project would be required to comply with South Coast AQMD Rules 402, 403, 1113, 1401, 1402, 1403, 1415, 1466, and 1470 which were included on pages 36-38 of the IS/MND. This comment is noted. It should also be noted that the IS/MND environmental consultants consulted with South Coast AQMD regarding issues raised in this comment letter as part of the process to prepare the final IS/MND.

Comment 5-12

CEQA Guidelines Section 15096 sets forth specific procedures for a Responsible Agency, including making a decision on the adequacy of the CEQA document for use as part of the process for conducting a review of the Proposed Project and issuing discretionary approvals. Moreover, it is important to note that if a Responsible Agency determines that a CEQA document is not adequate to rely upon for its discretionary approvals, the Responsible Agency must take further actions listed in CEQA Guideline Section 15096(e), which could have the effect of delaying the implementation of the Proposed Project. In its role as CEQA Responsible Agency, the South Coast AQMD is obligated to ensure that the CEQA document prepared for this Proposed Project contains a sufficient project description and analysis to be relied upon in order to issue any discretionary approvals that may be needed for air permits. South Coast AQMD staff is concerned that the project description and analysis in its current form in the MND is inadequate to be relied upon for this purpose.

Response to Comment 5-12

The comment references CEQA Guidelines Section 15096 regarding the procedures for a Responsible Agency. This comment is noted. It should also be noted that Responsible Agencies are agencies, other than the Lead Agency, that have some discretionary authority over an aspect of a project per CEQA Guidelines Section 15381. Here, the South Coast AQMD has discretionary authority over the permits to operate for the emergency generators proposed as part of the Project. In comparison, the City is the Lead Agency and has discretionary authority for purposes of CEQA compliance and the entitlements for the Project holistically.

As discussed in the IS/MND, and the responses to comments, the Applicant will, as part of the regulatory compliance process, obtain permits to operate from the South Coast AQMD before operation of the emergency generators to ensure that the generators meet the applicable Best Available Control Technology (BACT) requirements and comply with South Coast AQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines) and Rule 1401 (New Source Review of Toxic Air Contaminants).

Furthermore, it should be noted that the Applicant requested and participated in a meeting with South Coast AQMD to review the agency's comment letter and help inform the responses to the comments prepared by the Lead Agency. In addition, the Lead Agency has provided good-faith reasoned responses to South Coast AQMD's comments, supported with evidence and quantitative technical modeling, as recommended by and discussed with the Responsible Agency. Also, Section 2.8 of the IS/MND identifies South Coast AQMD as an agency that may issue discretionary permits and rely on the scope of the IS/MND analysis and information included in the final administrative record. As demonstrated in the IS/MND, the Supplemental Technical Analysis, and responses to comments, the Project (including the emergency generators) does not exceed applicable thresholds of significance. Accordingly, the whole of the record for the final CEQA document contains sufficient analysis to support Project approvals and permits.

Finally, the City as the Lead Agency, understands and appreciates the South Coast AQMD's role as a Responsible Agency for the emergency generators permit to operate. Accordingly, the City has prepared comprehensive responses to, and provided technical analysis aligned with, South Coast AQMD's comment letter. Hence, the IS/MND and record for the Project contain detailed analysis for new equipment that could require South Coast AQMD air permits, and the totality of the record can provide a basis for eventual issuance of air permits from the Responsible Agency when it exercises its discretionary decision making.

Comment 5-13

For these reasons, the Final CEQA document should be revised to include a discussion about any and all new stationary and portable equipment requiring South Coast AQMD air permits, provide the evaluation of their air quality and greenhouse gas impacts, and identify South Coast AQMD as a Responsible Agency for the Proposed Project as this information will be relied upon as the basis for the permit conditions and emission limits for the air permit(s). Please contact South Coast AQMD's Engineering and Permitting staff at (909) 396-3385 for questions regarding what types of equipment would require air permits. For more general information on permits, please visit South Coast AQMD's webpage at https://www.aqmd.gov/home/permits.

Response to Comment 5-13

The comment stated that the CEQA document should be revised to address the issues raised in the South Coast AQMD comment letter. As explained in numerous responses above, the Lead

Agency has supplemented the IS/MND with additional analysis as recommended by South Coast AQMD, where applicable and accurate based on the characteristics of the Project. The remainder of this comment is noted.

Comment 5-14

Conclusion

Staff recommends that the Lead Agency revise the CEQA analysis to address the aforementioned comments by including emissions from the 14 new emergency engines and estimating the health risks to provide the necessary evidence to support the conclusions reached. If the requested information and analysis are not included in the Revised or Final MND or other type of CEQA document, the Lead Agency should provide reasons for not doing so. Pursuant to California Public Resources Code Section 21092.5(b) and CEQA Guidelines Section 15074, prior to approving the Proposed Project, the Lead Agency shall consider the MND for adoption together with any comments received during the public review process and notify each public agency when any public hearings are scheduled. Please provide South Coast AQMD with written responses to all comments contained herein prior to the adoption of the Final MND. When responding to issues raised in the comments, detailed reasons supported by substantial evidence in the record to explain why specific comments and suggestions are not accepted must be provided. In addition, if the Lead Agency decides to adopt the Final MND, please provide South Coast AQMD with a notice of any scheduled public hearing(s).

Response to Comment 5-14

This comment recommended that the Lead Agency revise the CEQA analysis to address the aforementioned comments by including emissions from the emergency engines and estimating the health risks to provide evidence to support the conclusions. The Lead Agency has provided such information, as recommended, and supported that information with evidence and quantitative modeling, in the Supplemental Technical Analysis and responses to comment above. In addition, the comment is noted regarding South Coast AQMD's request for notice of public hearings. The Lead Agency will adequately notice public hearings as required, including notifying interested parties and agencies.

Comment 5-15

Thank you for the opportunity to provide comments. South Coast AQMD staff is available to work with the Lead Agency to address any air quality questions that may arise from this comment letter. Please contact me at swang1@aqmd.gov or Sahar Ghadimi, Air Quality Specialist, at sghadimi@aqmd.gov should you have any questions.

Response to Comment 5-15

This comment serves as a conclusion to the comment letter and provides contact information should any questions arise. This comment is noted.

4.0 ERRATA

This Errata also includes changes that were made to clarify, correct, or supplement information provided in the Public Review IS/MND. These changes and additions were made to respond to comments received during the public review period. The changes provided do not add significant new information or require substantial revisions that would require recirculation of the IS/MND. Changes to the IS/MND are indicated below under the respective IS/MND section heading, page number, and paragraph. Paragraph reference is to the first full paragraph on the page. Deletions are shown with strikethrough and additions are shown with double underline.

1. Page 5, the first paragraph is revised as follows:

   The Applicant proposes to demolish the existing improvements on the real property located at 1977 Saturn Street, Monterey Park CA and construct a new data center with an ancillary equipment yard, substation, parking, and landscaping. The proposed data center would comprise a total of approximately ~~218,400~~ 247,480 square feet that would include approximately ~~109,970~~ 108,400 square feet of data hall space and approximately ~~91,889~~ 139,080 square feet of support and circulation space (collectively, the "Project"). A portion of the 139,080 square feet of support and circulation space consists of 13,264 square feet of unoccupiable area and overhangs that would be external to the building.

2. Page 5, the second paragraph is revised as follows:

   The data center building's support space would consist of office, loading docks, storage, mechanical/electrical/fiber entry rooms, and other ancillary uses. The proposed data center building would have an FAR of 0.3~~2~~6.

3. Page 5, the third paragraph is revised as follows:

   The preliminary design of the proposed data center building would be ~~one story~~ two stories and ~~36~~ 39 feet and 10.5 inches in height measured from the Average Grade Plane to the top of the stair penthouse and 51 feet and 5.5 inches to top of mechanical equipment platform (~~46.5~~ 60 feet and 7 inches overall building height to the top of mechanical equipment platform screening when measured from the lowest corner of the building). . . To provide power during an interruption in SCE service, the Applicant would also install ~~14~~ 24 stationary diesel-fueled internal combustion engines and generators ("gen-sets"). The ~~14~~ 24 gen-sets, each capable of producing ~~four~~ 2.75 megawatts ("MW"), would be used only in the event of an emergency. The maximum power demand to maintain full ~~functionary~~ functionality of the data center is calculated to be approximately 49.~~9~~5 MW, which could be produced by ~~12~~ 18 of the gen-sets, allowing ~~2~~ 6 gen-sets to be a redundant back-up. ~~Twelve four~~ Eighteen 2.75 MW backup generators with a total generation capacity of up to ~~48~~ 49.5 MW and the ~~two~~ six redundant back-up generators

would be located outdoors in an approximately 75,000-square-foot ancillary equipment yard, adjacent to the north side of the data center. The ancillary equipment yard would be screened by a 20-foot tall ~~perforated~~ metal panel screen wall with louvers.

4. Page 5, the last paragraph is revised as follows:

   Additional on-site improvements would include ~~a~~ two trash enclosures, gated driveway access, parking lot, perimeter fencing, masonry wall on the northwestern portion of the site, two retaining walls along the northeasterly ~~and southwesterly~~ site boundary on Orange Avenue ~~and Saturn Street, respectively~~, and landscaping, as further described below.

5. Page 6, the last paragraph is revised as follows:

   Access to the Project Site is provided via two driveways off Saturn Street, one each off the eastern and western boundaries of the Project Site. Pedestrian access is provided via an existing sidewalk along the portion of Saturn Street that abuts the ~~southeastern~~ southwestern portion of the existing commercial office building. The Project Site includes existing utility connections (water, sewer, and electrical).

6. Page 10, Table 2-2: Major Equipment is revised as follows:

Table 2-2: Major Equipment		
Equipment	**Quantity**	**Location**
~~4~~ 2.75-MW standby generators	~~14~~ 24	North of and adjacent to the data center
~~125 kW~~ 525 Ton chillers	~~23~~ 24	On the roof of the proposed building

7. Page 10, the second to last paragraph is revised as follows:

   Exterior building elements and materials for the proposed data center would include metal panels, insulated precast concrete panels, ~~aluminum-framed~~ shadow box glass ~~storefront with an aluminum canopy~~, ~~aluminum-framed doors, and glazed windows~~ and perforated/louvered screen walls. Rooftop equipment would be screened from view from the surrounding area by 16-foot-tall metal panel acoustic and visual screens, and the gen-sets in the equipment yard would be screened from view by an approximate 20-foot-tall ~~perforated~~ metal panel screen wall with louvers.

8. Page 10, the last paragraph is revised as follows:

   The Project is required to provide ~~848~~ 990 parking spaces per MPMC Table 21.22(c), Nonresidential Parking Standards, of Section 21.22.120, Minimum Parking Spaces Required. . . Accordingly, the Project would include 68 parking spaces adjacent to the ~~eastern~~ western and northern sides of the proposed data center building, including three handicapped accessible spaces and three spaces for electric vehicles ("EV"). The Project would also include ~~two~~ one loading dock with four berths to accommodate deliveries and loading activities for the proposed data center.

9. Page 13, the first two paragraphs are revised as follows:

   . . . The driveway along the ~~eastern~~ western perimeter of the Project Site would serve as the main entry to the Project Site for passenger and service vehicles. . .

   Pedestrian access within the Project Site would also be provided via a walkway along the western, southern, and eastern sides of the data center. A pedestrian gate with sidewalk connection to the public right-of-way would be provided on Saturn Street west of the new ~~eastern~~ westerly driveway.

10. Page 13, the last paragraph is revised as follows:

    . . . A landscape buffer with a minimum width of three feet would also be provided along the northwestern boundary of the Project Site that abuts adjacent residential uses. The Applicant would provide to the City an approximately 39,915 square foot parcel to be owned and operated by the City as a landscaped public park located to the east of the proposed data center building and eastern driveway. Proposed landscaping for the Project Site would include native trees, shrubs, grasses, and groundcover, all of which would have very low or low water needs. The Project would plant ~~77~~ 186 new trees throughout the Project Site, ~~21~~ 28 of which would be street trees along the proposed sidewalk. Project development would include the removal of approximately 186 existing trees on-site.

11. Page 15, the second to last paragraph is revised as follows:

    Project Site preparation for the Project would require cutting and removal of approximately 500,000 square feet of concrete and approximately ~~65,000~~ 196,275 cubic yards of soil ~~export~~ import. Final grading plans would be approved by the City, as applicable.

12. Pages 15-16, the last paragraph on page 15 and the first paragraph on page 16 are revised as follows:

    A data center relies upon a constant supply of power to allow servers to operate continuously: 24 hours per day, seven days per week. To ensure continuous energy supply, the Project would utilize up to ~~12 4~~ eighteen 2.75-MW backup generators upon loss of grid power. . . The generators would be laid out in one row and reach a height of approximately 20 feet to top of generator enclosure, and up to ~~40~~ 38 feet to top of exhaust stack measured from Average Grade Plane.

13. Page 16, the third paragraph is revised as follows:

    Each generator would be provided with a ~~7,000~~ 4,600-gallon sub-base fuel storage tank, equating to 24 hours of runtime in emergency conditions. . . Batteries would provide

enough energy to cover the critical load of ~~36~~ 33 MW in the event of a power failure. UPS and batteries would be located in the data center, adjacent to the computer room the system serves.

14. Page 16, the fourth paragraph is revised as follows:

    . . . The heating, ventilation, and air conditioning ("HVAC") equipment would include ~~23~~ 24 air cooled chillers with free cooling modules, each rated at ~~460~~ 525-tons of capacity, in an N+1 redundancy configuration to support data hall operations. . .

15. Page 16, the last paragraph is revised as follows:

    Major sources of energy demand for Project operations would be client servers and the cooling system. The facility would use a maximum of ~~49.9~~ 49.5 MW for a maximum load of ~~1,197,160~~ 1,188,000 kilowatt-hours ("kWh") daily.

16. Page 21, an additional bullet is added to the list of discretionary permits/approvals:

    - Approval of a Development Agreement, due to the Project's large scale development, and activation of the BRDZ pursuant to the MPMC;

    - City actions and permits to subdivide or parcel a portion of the Project Site, if needed, for dedication of a public park parcel;

17. Page 26, the second to last paragraph is revised as follows:

    . . . The proposed FAR for the Project is ~~0.32~~ 0.36, which is below the maximum permitted FAR. The Project would also have a maximum height of ~~36~~ 39 feet and 10.5 inches (exclusive of the mechanical equipment platform screening), which is below the maximum permitted height measured from the average grade plane (60 feet and 7 inches overall building height to the top of mechanical equipment platform screening when measured from the lowest corner of the building). The maximum building height is permitted pursuant to activation of the zoning standards in the BRDZ for the Project.

18. Page 45, the first paragraph under Operations is revised as follows:

    The primary purpose of the data center is to house computer servers for data processing. Operational sources of emissions include mobile sources (i.e., motor vehicle use for employee commuting) and area sources (such as the use of landscape maintenance equipment, consumer products, and architectural coatings). In addition, the proposed Project would include up to ~~12 4~~ 24 2.75-MW stationary emergency diesel generators, comprised of 18 generators with a total generation capacity of up to 49.5 MW and 6 redundant back-up generators, that would only be used if there was a loss of grid power; and occasionally for periodic maintenance and testing.

19. Page 52, the second paragraph under Operational Health Risk Analysis is revised as follows:

    The Project would include up to ~~12 4~~ 24 2.75-MW stationary emergency diesel generators, comprised of 18 generators with a total generation capacity of up to 49.5 MW and 6 redundant back-up generators, which would only be used upon hypothetical loss of grid power, and for periodic maintenance and testing, which is regulated by the SCAQMD permit process.

20. Page 66, the first paragraph is revised as follows:

    . . . It should also be noted that the Project is anticipated to have a blended Power Usage Effectiveness ("PUE") of ~~1.2~~ 1.5 due to free cooling modules on the air-cooled chillers. . .

21. Page 66, the third paragraph is revised as follows:

    Thus, the proposed Project would not result in a substantial demand for energy that would require expanded supplies or the construction of other infrastructure or expansion of existing facilities. The ~~14~~ 24 emergency generators are estimated to utilize approximately ~~198,912~~ 226,800 gallons per year of diesel due to testing and maintenance.

22. Page 91-92, the last paragraph on page 91 and the first paragraph on page 92 is revised as follows:

    The Project electricity usage would be mainly from the operation of the data center. The purpose of a data center is to house computer servers, which require electricity and cooling 24 hours a day to operate. Based on data in the **Appendix E**, Peak Power Demand Estimate Memorandum, the Project during peak load conditions would have a demand of ~~49,999 kilowatts per hour (KW/h)~~ 49.5 MW. The analysis assumes 24/7 operations (8,760 hours per year) which would result in a maximum electrical usage of ~~437,991~~ 438,015 megawatt hours (MWh) per year, including CalEEMod default assumptions for lighting for surface parking. The modeling also conservatively assumed the ~~14~~ 24 gen-sets would be used for up to 50 hours per year per generator for testing and maintenance. The generators would utilize diesel fuel.

23. Page 92, the first paragraph is revised as follows:

    . . . The proposed Project is anticipated to have a blended PUE of ~~1.2~~ 1.5 due to free cooling modules on the air-cooled chillers, below the average for data centers. . .

24. Pages 92-94, the following paragraphs are revised as follows:

    As shown above in **Table 4.8-3**, the emissions related to electricity use by the data center is a majority of the emissions. SCE is the utility providing electricity to the Project site. SCE's carbon intensity factor in 2022 was 552 lbs CO_2e/MWh which includes 33.2 percent

eligible renewable energy in the power mix.[7] Emissions associated with the Project's electricity consumption occur at power production facilities which are covered entities under the State's Cap-and-Trade regulations, which limit total GHG emissions by covered sources with decreasing allocations, and are subject to the RPS standard requiring the GHG intensity of electricity production to decrease steadily. These regulatory schemes serve as the foundation for the State's goal of net neutrality in 2045. Likewise, the implementation of these Statewide measures, including but not limited to SCE procuring and delivery electricity from renewable energy sources result in an annual reduction of GHG emissions. ~~associated with operation of t~~The Project is not considered a covered entity and the analysis and GHG impact conclusion in this IS/MND have not taken any quantitative credits for Cap-and-Trade regulations associated with covered entities.

~~T~~Generally, the Cap-and-Trade program covers approximately 80 percent of California's GHG emissions.[8] The statewide limit on GHG emissions from the capped sectors (i.e., electricity generation, industrial sources, petroleum refining, and cement production) will decline every year, achieving GHG emission reductions throughout the program's duration. The passage of AB 398 in July 2017 extended the duration of the Cap-and-Trade program from 2020 to 2030. The Cap-and-Trade program was extended in 2015 to cover combustion of fossil fuels including transportation fuels used in California. ~~Accordingly, GHG emissions associated with the electricity usage and mobile sources of most projects that are subject to CEQA are covered by the Cap-and-Trade program.~~

25. Page 93-94, the last paragraph on page 93 and the first paragraph on page 94 is revised as follows:

~~**Table 4.8-4: Trend of Project Greenhouse Gas Emissions Related to State Mandates** shows the Project emissions in the opening year 2027, in 2035, consistent with the City's CAP horizon, and in 2045, the year the State will meet its carbon neutrality goal. **Table 4.8-4** also highlights the reduction in mobile emissions as passenger vehicle fleets become cleaner and technology improves. The trends show a steady decrease in Project GHG emissions, consistent with the overarching goals of the State's 2022 Scoping Plan and the City's CAP.~~

~~**Table 4.8-4: Trend of Project Greenhouse Gas Emissions Related to State Mandates**~~

	~~**Annual Emissions ($MTCO_2e$ per Year)[1]**~~		
~~**Emissions Source**~~	~~**2027 (Project Opening)**~~	~~**2035 (CAP Horizon)**~~	~~**2045 (CA GHG Neutrality)**~~
~~Mobile~~	~~80~~	~~71~~	~~67~~
~~Area~~	~~5~~	~~5~~	~~5~~
~~Energy[2]~~	~~83,020~~	~~62,657~~	~~0~~

[7] Southern California Edison, 2022 Power Content Label, https://www.energy.ca.gov/filebrowser/download/6072. Accessed April 22, 2024.
[8] California Air Resources Board, Cap-and-Trade Program: Frequently Asked Questions, September 2022. https://ww2.arb.ca.gov/sites/default/files/2022-09/nc-FAQ_CT.pdf. Accessed April 22, 2024.

~~Water~~	~~21~~	~~18~~	~~0~~
~~Waste~~	~~70~~	~~70~~	~~70~~
~~Generators~~	~~2,062~~	~~2,062~~	~~2,062~~
~~Total~~	~~85,258~~	~~64,883~~	~~2,204~~

~~1. Total values are from CalEEMod and may not add up due to rounding.~~
~~2. The Project does not include natural gas. GHG emissions from electricity are shown to decline in accordance with State mandates and regulations including RPS standard that requires an increasing amount of renewable energy electric utilities procure to comply with the various goals including 50 percent eligible renewable energy resources in 2030. In line with the Governor's mandate emissions in 2045 are shown to achieve the carbon neutrality goal.~~
~~Source: CalEEMod version 2022.1. Refer to **Appendix G** for model outputs.~~

~~As shown above in **Table 4.8-3** and **Table 4.8-4**, the majority of GHG emissions associated with the Project is the electricity energy use (approximately 97 percent). Because GHG emissions from covered entities are accounted for in the State's GHG future inventories and reduction targets and are subject to existing regulatory schemes to reduce emissions, those emissions are considered consistent with the 2022 Scoping Plan Update.~~

26. Page 97, the last paragraph is revised as follows:

Nonetheless, in an abundance of caution, and because construction activities for the Project would result in temporary ground-disturbing activities Project would implement **MM HAZ-1**, which would require preparation of a Soil Management Plan (SMP) to address potential soils with residual impacts remaining on the Project Site during future construction/redevelopment activities. ~~With i~~Implementation of **MM HAZ-1**~~, impacts~~ would further ~~be~~ reduce ~~d to~~ an already less than significant impact.

27. Page 100, MM HAZ-1 is revised as follows:

MM HAZ-1 **Soil Management Plan.** Before the Building Official issues grading permits, a site-specific Soil Management Plan ("SMP") must be prepared by a qualified environmental professional approved by the City and submitted to the City of Monterey Park Building and Safety Division. The SMP must include the following elements, as applicable:

- Provisions for personal protection and monitoring exposure to construction workers,
- Requirements for construction workers to be Hazardous Waste Operations and Emergency Response ("HAZWOPER") trained,
- Procedures to be undertaken in the event that contamination is identified above action levels or previously unknown contamination is discovered,
- Procedures for the safe storage, stockpiling, and disposal of any impacted soils,

- Emergency procedures and responsible personnel

In the instance that previously unknown soil constituents are discovered during site excavation, the contractor shall ensure that any soil contaminated beyond acceptable regulatory levels, shall be contained, remediated if necessary, and disposed of pursuant to the performance standard levels established by federal OSHA, Cal/OSHA, SCAQMD, RWQCB, and any other regulatory agency with jurisdiction over CRECs or RECs on the Project Site.

28. Page 109, the first paragraph is revised as follows:

. . . Furthermore, the maximum FAR for the Innovation/Technology designation is 0.60. The proposed FAR for the Project is ~~0.32~~ 0.36, which is below the maximum permitted FAR.

29. Page 109, the last paragraph is revised as follows:

The Project would be required to provide ~~848~~ 990 parking spaces per Table 21.22(C) of MPMC Section 21.22.120, Minimum Parking Spaces Required. . . Upon City approval, the Project would include 68 parking spaces adjacent to the ~~eastern~~ western and northern sides of the proposed data center building. . .

30. Page 123, the first paragraph is revised as follows:

During loading activities and trash and recycling pickups, noise would be generated by the trucks' diesel engines, exhaust systems, and brakes during low gear shifting' braking activities; opening and closing of the trash/recycling bins. The Project would have ~~two~~ one loading dock~~s~~ with four berths and two trash enclosures located in the northwest and northeast corner of the proposed Project building.

31. Page 131, the last paragraph is revised as follows:

No Impact. The recreational facility nearest the Project Site is La Loma Park located approximately 135 feet northwest from the Project Site. In addition, the Applicant would provide to the City, as part of the development agreement, an approximately 39,915 square foot parcel to be owned and operated by the City as a public park. Because the Project would not include housing or other uses that would induce substantial population growth in the area, the Project is not anticipated to increase the demand for existing recreational facilities or generate a demand for new ones. The limited number of employees during operation of the Project would not materially increase use of local recreation facilities.

32. Page 132, the last sentence of the second to last paragraph is revised as follows:

A pedestrian gate with sidewalk connection to the public right-of-way would be provided on Saturn Street west of the new ~~eastern~~ westerly driveway.

33. Page 133, the last paragraph is revised as follows:

. . . These two driveways would connect with each other along the northern side of the proposed equipment yard. The driveway along the ~~eastern~~ western perimeter of the Project Site would serve as the main entry to the Project Site for passenger and service vehicles. . .

34. Page 140, the last sentence of the last paragraph is revised as follows:

As shown below in **Table 4.19-2**, the Project's estimated water consumption is approximately ~~33,031~~ 30,079 gpd, resulting in a net increase of approximately ~~3,962~~ 1,010 gpd compared to existing conditions.

35. Page 140, Table 4.19-2: Estimated Proposed Water Demand is revised as follows:

Table 4.19-2: Estimated Proposed Water Demand

Land Use	Square Footage (SF)	Average Generation Factor (gpd/1,000 SF)[1]	Total Water Demand (gpd)
Data Hall Center[2]	~~109,970~~ 108,400	30	~~3,299~~ 3,252
Office (Network)[3]	~~1,750~~ 1,835	240	~~420~~ 441
Office (Support)[3]	~~26,700~~ 38,379	240	~~6,408~~ 9,211
Office (Circulation)[3]	~~16,542~~ 27,358	240	~~3,970~~ 6,566
Ancillary (Elec.)[2]	~~23,976~~ 25,724	30	~~719~~ 772
Ancillary (Mech.)[2]	~~39,463~~ 32,520	30	~~1,184~~ 976
Substation (Service)	24,000	120	2,880
Landscaping~~[3]~~[5]	206,867	ETWU Method	~~14,151~~ 5,981
Total Proposed Water Demand			**~~33,031~~ 30,079**
Total Existing Water Demand to be Removed			29,069
Project Net Water Demand			**~~3,962~~ 1,010**

gpd = gallons per day, SF = square foot

1. Based on 120 percent of the sewer generation factors from the "Loading for each class of land use" from LACSD.
2. Assumes 'Warehouse' will be used for Data Hall Center, Mechanical Area, Electrical Area from LACSD. The Applicant's mechanical, electrical, and plumbing (MEP) engineer estimated the data hall center would have a baseline (using standard efficiency fixtures) water demand of approximately 75,340 gallons per year (gpy) (207 gpd). The design case (progressive fixtures) water demand would be approximately 45,180 gpy (124 gpd). Therefore, the estimate provided based on LACSD (3,299 gpd for the data hall center) is conservative. See also **Appendix M-2: Water Efficiency Memorandum.**
3. Assumes 'Office Building' will be used for Office areas.
4. Assumes 'Service Station' will be used for Electrical Substation.
5. Demand based on Estimated Total Water Use equation: (Eto*plant factor*landscaped area* 0.62)/irrigation efficiency. Utilizing CIMIS Reference Evapotranspiration Zones Map ET of ~~46.6~~ 55.1 in/yr, and a ~~conservative~~ plant factor of ~~0.7~~ 0.3 for all plants except for the London Plane Trees which have a plant factor of 0.5, and irrigation efficiency of 0.81 proposed condition.

Source: Fuscoe Engineering, Water and Sewer Infrastructure Report, 2024; Kimley-Horn, 2025.

36. Page 142, the last paragraph is revised as follows:

As shown in Table 4.19-4: Estimated Proposed Wastewater Generation, consistent with the proposed uses and LACSD's generation factors, the Project's projected wastewater generation is approximately ~~15,734~~ 20,081 gpd, representing a net increase in wastewater generation at the Project Site of approximately ~~3,302~~ 7,649 gpd.

37. Page 142, Table 4.19-4: Estimated Proposed Wastewater Generation is revised as follows:

Table 4.19-4: Estimated Proposed Wastewater Generation			
Land Use	**Square Footage (SF)**	**Average Generation Factor (gpd/1,000 SF)[1]**	**Total Wastewater Generation (gpd)**
Data Hall Center[2]	~~109,970~~ 108,400	25	~~2,749~~ 2,710
Office (Network)[3]	~~1,750~~ 1,835	200	~~350~~ 367
Office (Support)[3]	~~26,700~~ 38,379	200	~~5,340~~ 7,676
Office (Circulation)[3]	~~16,542~~ 27,358	200	~~3,308~~ 5,472
Ancillary (Elec.)[2]	~~23,976~~ 25,724	25	~~599~~ 643
Ancillary (Mech.)[2]	~~39,463~~ 32,520	25	~~987~~ 813
Substation (Service)	24,000	100	2,400
Total Proposed Wastewater Flow			**~~15,734~~ 20,081**
Total Existing Wastewater Flow to be Removed			12,432
Project Net Wastewater Flow			**~~3,302~~ 7,649**

gpd = gallons per day, SF = square foot
1. Based on 100 percent of the sewer generation factors from the "Loading for each class of land use" from LACSD.
2. Assumes 'Warehouse' will be used for Data Hall Center, Mechanical Area, Electrical Area from LACSD.
3. Assumes 'Office Building' will be used for Office areas.
4. Assumes 'Service Station' will be used for Electrical Substation.

Source: Fuscoe Engineering, Water and Sewer Infrastructure Report, 2024; Kimley-Horn, 2025.

38. Page 143, the first sentence of the first paragraph is revised as follows:

A flowrate of ~~15,734~~ 20,081 gpd is equivalent to ~~11~~ 14 gallons per minute (gpm).

39. Page 143, the last sentence of the second paragraph is revised as follows:

Furthermore, the Project's estimated wastewater generation of ~~3,302~~ 7,649 gpd or ~~0.004~~ 0.008 mgd comprises ~~less than 0.002~~ approximately 0.003 percent of the wastewater that is processed daily at the Warren Facility.

40. Page 144, the first paragraph is revised as follows:

Less Than Significant Impact. . . . The proposed increase in demand from the Project of ~~3,962~~ 1,010 gpd (~~4~~ 1.13 AFY) represents approximately ~~1~~ 0.3 percent of the total increase in demand from 2025 to 2045 in the UWMP.

41. Page 144, the second to last sentence of the last paragraph is revised as follows:

As shown in Table 4.19-5: Estimated Solid Waste Generation, C&D of the Project is estimated to generate approximately ~~10,127~~ 10,186 tons of C&D debris.

42. Page 145, Table 4.19-5: Estimated Solid Waste Generation is revised as follows:

Table 4.19-5: Estimated Solid Waste Generation				
Land Use	**Size**	**Waste Generation Rate**	**Waste Generated (tons)**	**Waste Generated (lbs)**
Demolition[1]				
Office	209.564 ksf	46 tons/ksf	9,640 tons	19,279,888 lbs
Construction[2]				
Data Center	~~218.4~~ 247.48	4,020 lb/ksf	~~439~~ 498 tons	~~877,968~~ 994,870

	ksf			lbs
Substation	24 ksf	4,020 lb/ksf	48 tons	96,480 lbs
Total Demolition and Construction Waste			*~~10,127~~ 10,186 tons*	*~~20,254,336~~ 20,371,238 lbs*
Operations[3]				
Data Center[4]	26 employees	13.82 lb/employees/day	0.18 tons	359 lbs
Total Operational Waste			*0.18 tpd*	*359 lbs/day*

ksf = thousand square feet; lbs = pounds; tpd = tons per day

1. The demolition waste generation rate of 46 tons/ksf is based on the CalEEMod User Guide Appendix A, page 13.
2. The construction waste generation rate of 4,020 lb/ksf is based on the U.S.EPA, Characterization of Building-Related Construction and Demolition Debris in the United States, Table A-2, June 1998.
3. Generation factors provided by the CalRecycle website, refer to Estimated Solid Waste Generation Rates, https://www2.calrecycle.ca.gov/WasteCharacterization/General/Rates. Accessed March 27, 2024.
4. Assumes "Warehouse" will be used for proposed data center.

Appendix A

Comments Received on the Public Review IS/MND

Kimley»Horn

LOS ANGELES COUNTY SANITATION DISTRICTS
Converting Waste Into Resources

Robert C. Ferrante
Chief Engineer and General Manager

1955 Workman Mill Road, Whittier, CA 90601-1400
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
(562) 699-7411 • www.lacsd.org

November 14, 2024

Ref. DOC 7361097

VIA EMAIL BChow@MontereyPark.ca.gov

Ms. Beth Chow, Planning Manager
City of Monterey Park Planning Division
320 West Newmark Avenue
Monterey Park, CA 91754

Dear Ms. Chow:

Second Response to 1977 Saturn Data Center Project

The Los Angeles County Sanitation Districts (Districts) received a Notice of Intent (NOI) to Adopt a Mitigated Negative Declaration (MND) for the subject project located in the City of Monterey Park on November 4, 2024. The proposed project is located within the jurisdictional boundaries of District No. 2. Previous comments submitted by the Districts in correspondence dated February 29, 2024 (copy enclosed), still apply to the subject project with the following comments: 1-1

1. **Section 4.19 Utilities and Service**, page 142 stated that "Any work that may affect services to the existing sewer lines or impacts to LACSD facilities or plant will be coordinated with the City's Public Works Department, Engineering Division." Please use the Geographic Information System (GIS) application at https://www.app.lacsd.org/ugutilities/ to obtain copies of as-built drawings of the District's facilities. When project plans that incorporate our facilities have been prepared, please submit copies to the Engineering Counter at engineeringcounter@lacsd.org for our review and comment. 1-2

2. A.K. Warren Water Resource Facility currently processes an average flow of 248.3 million gallons per day. 1-3

3. All other information concerning Districts' facilities and sewerage service contained in the document is current. 1-4

If you have any questions, please contact the undersigned at (562) 908-4288, extension 2742, or phorsley@lacsd.org. 1-5

Very truly yours,

Patricia Horsley

Patricia Horsley
Environmental Planner
Facilities Planning Department

PLH:plh

Enclosure

DOC 7367890.D02

LOS ANGELES COUNTY
SANITATION DISTRICTS
Converting Waste Into Resources

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February 29, 2024

Ref. DOC 7161920

VIA EMAIL wstephens@fuscoe.com

Ms. Whitney Stephens
Stormwater Engineer
Fuscoe Engineering
15535 Sand Canyon, Suite 100
Irvine, CA 92618

Dear Ms. Stephens:

Will Serve Letter for 1977 Saturn Street

The Los Angeles County Sanitation Districts (Districts) received your will serve letter request for the subject project located in the City of Monterey Park on February 26, 2024. The proposed project is located within the jurisdictional boundary of District No. 2. We offer the following comments regarding sewerage service:

1. The wastewater flow originating from the proposed project will discharge to a local sewer line, which is not maintained by the Districts, for conveyance to the Districts' Garfield Avenue Trunk Sewer, located in Wilcox Avenue just south of Pomona Boulevard. The Districts' 12-inch diameter trunk sewer has a capacity of 1.8 million gallons per day (mgd) and conveyed a peak flow of 0.5 mgd when last measured in 2016.

2. The wastewater generated by the proposed project will be treated at the A.K. Warren Water Resource Facility (formerly known as the Joint Water Pollution Control Plant) located in the City of Carson, which has a capacity of 400 mgd and currently processes an average flow of 237 mgd.

3. The expected increase in average wastewater flow from the project, described in the application as a 220,000 square-foot data center building, is 3,302 gallons per day, after all structures on the project site are demolished. For a copy of the Districts' average wastewater generation factors, go to www.lacsd.org, under Services, then Wastewater Program and Permits and select Will Serve Program, and click on the Table 1, Loadings for Each Class of Land Use link.

4. The Districts are empowered by the California Health and Safety Code to charge a fee to connect facilities (directly or indirectly) to the Districts' Sewerage System or to increase the strength or quantity of wastewater discharged from connected facilities. This connection fee is used by the Districts for its capital facilities. Payment of a connection fee may be required before this project is permitted to discharge to the Districts' Sewerage System. For more information and a copy of the Connection Fee Information Sheet, go to www.lacsd.org, under Services, then Wastewater (Sewage) and select Rates & Fees. In determining the impact to the Sewerage System and applicable connection fees, the Districts will determine the user category (e.g. Condominium, Single Family Home, etc.) that best represents the actual or anticipated use of the parcel(s) or facilities on the parcel(s) in the development. For more specific information regarding the connection fee application procedure and fees, please contact the Districts' Wastewater Fee Public Counter at (562) 908-4288, extension 2727.

1-6

5. In order for the Districts to conform to the requirements of the Federal Clean Air Act (CAA), the capacities of the Districts' wastewater treatment facilities are based on the regional growth forecast adopted by the Southern California Association of Governments (SCAG). Specific policies included in the development of the SCAG regional growth forecast are incorporated into clean air plans, which are prepared by the South Coast and Antelope Valley Air Quality Management Districts in order to improve air quality in the South Coast and Mojave Desert Air Basins as mandated by the CAA. All expansions of Districts' facilities must be sized and service phased in a manner that will be consistent with the SCAG regional growth forecast for the counties of Los Angeles, Orange, San Bernardino, Riverside, Ventura, and Imperial. The available capacity of the Districts' treatment facilities will, therefore, be limited to levels associated with the approved growth identified by SCAG. As such, this letter does not constitute a guarantee of wastewater service, but is to advise the applicant that the Districts intend to provide this service up to the levels that are legally permitted and to inform the applicant of the currently existing capacity and any proposed expansion of the Districts' facilities.

1-6 cont.

If you have any questions, please contact the undersigned at (562) 908-4288, extension 2708 or at shirlywang@lacsd.org.

Very truly yours,

Shirly Wang

Shirly Wang
Customer Service Specialist
Facilities Planning Department

SW:sw

December 2, 2024

Advocates for the Environment

A non-profit public-interest law firm
and environmental advocacy organization



Beth Chow, AICP
Planning Manager
City of Monterey Park
320 West Newmark Avenue
Monterey Park, CA 91754

Via U.S. Mail and email to bchow@montereypark.ca.gov

Re: Comments on Mitigated Negative Declaration for the 1977 Saturn Data Center Project, SCH No. 2024101397

Dear Ms. Chow:

Advocates for the Environment submits the comments in this letter regarding the Mitigated Negative Declaration (**MND**) for the 1977 Saturn Data Center Project (**Project**). The Project Site is located near the intersection of Saturn Street and Orange Avenue, in the City of Monterey Park (**City**). The existing uses of the 15.8-acre Project site would be demolished to construct a 218,400-square-foot data center with an equipment yard, 24,000-square-foot substation, parking, and landscaping. The Project includes diesel generators for emergency back-up.

Advocates for the Environment is a public interest law firm and advocacy organization with the mission to educate the public about the law as it pertains to the environment and provide legal services in support of environmental causes. We have reviewed the Mitigated Negative Declaration (**MND**) released in October 2024 and submit comments regarding the sufficiency of the MND's Greenhouse-Gas (**GHG**) analysis under the California Environmental Quality Act (**CEQA**).

2-1

The City Should Require the Project to be Net-Zero

Given the current regulatory context and technological advancements, a net-zero significance threshold is feasible and extensively supportable. GHG emissions from buildings, including indirect emissions from offsite generation of electricity, direct emissions produced onsite, and from construction with cement and steel, amounted to 21% of global GHG emissions in 2019. (IPCC Sixth Assessment Report, Climate Change 2022, WGIII, Mitigation of Climate Change, p. 9-4.) This is a considerable portion of global GHG emissions.

2-2

It is much more affordable to construct new building projects to be net-zero than to obtain the same level of GHG reductions by expensively retrofitting older buildings to comply with climate change regulations. Climate damages will keep increasing until we reach net zero GHG emissions, and there is a California state policy requiring the state to be net-zero by 2045. It therefore is economically unsound to construct new buildings that are not net-zero.

10211 Sunland Blvd., Shadow Hills, CA 91040 (818) 650-0030 X101 dw@aenv.org

Environmental groups have achieved tremendous outcomes by litigation under CEQA. Two of the largest mixed-use development projects in the history of California, Newhall Ranch (now FivePoint Valencia), and Centennial (part of Tejon Ranch) decided to move forward as net-zero communities after losing CEQA lawsuits to environmental groups. The ability for these large projects to become net-zero indicates that it is achievable, even for large-scale developments. The Applicant for this Project should do the same.

We urge the City to adopt net-zero as the GHG significance threshold for this project. This threshold is well-supported by plans for the reduction of GHG emissions in California, and particularly the CARB Climate Change Scoping Plans. The CARB 2017 Scoping Plan states that "achieving no net additional increase in GHG emissions, resulting in no contribution to GHG impacts, is an appropriate overall objective for new development." (CARB 2017 Scoping Plan, p. 101.) Additionally, the CARB 2022 Scoping Plan reaffirms the necessity of a net zero target by expressing: "it is clear that California must transition away from fossil fuels to zero-emission technologies with all possible speed … in order to meet our GHG and air quality targets." (CARB 2022 Scoping Plan, p. 184.) CARB further encourages a net-zero threshold in its strategies for local actions in Appendix D to the 2022 Scoping Plan. (CARB 2022 Scoping Plan, Appendix D p. 24-26.)

Moving this Project forward as a net-zero project would not only be the right thing for the City to do, but also would help protect the City and the Applicant from CEQA GHG litigation.

2-2 cont.

The MND's Discussion Concerning Cap-and-Trade is Misleading

The MND was misleading of the Project's GHG impact because it incorrectly claimed that the Project's GHG emissions are covered by cap-and-trade. The Project is not subject to cap-and-trade regulations. The City claimed that "GHG emissions associated with the electricity usage and mobile sources of most projects that are subject to CEQA are covered by the Cap-and-Trade program" because the program "was extended in 2015 to cover combustion of fossil fuels including transportation fuels used in California." (MND, p. 93.) However, this reasoning is flawed. Just because fossil fuels and transportation fuels are accounted for under the cap-and-trade program does not mean that the Project qualifies as a covered entity. There are specific category of entities which are required to comply with the cap-and-trade program, none of which would include this Project.[1] Therefore, the Project's emissions are not covered by cap-and-trade.

2-3

CEQA Guidelines section 15064.4, subdivision (b)(3) allows a lead agency to consider a project's compliance with plans for the reduction of GHG emissions to determine the significance of GHG impact. Nonetheless, the lead agency is not supposed to analyze whether the suppliers of the project's electricity comply with the plans, but rather whether the project itself does. Thus, cap-and-

[1] See Cal. Code Regs. Tit. 17, § 95811.

trade is irrelevant to determining the Project's GHG significance because the Project is not a covered entity under the cap-and-trade program and it must account for electricity usage just as any other land use development project.

2-3 cont.

The GHG Significance Analysis was Inadequate

The MND adopted two significance thresholds based on the CEQA Guidelines Appendix G. Threshold (a) asks whether the Project would "generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment." (MND, p. 83.) Under this threshold, the City considered the Project's estimated operational GHG emissions of approximately 85,309 metric tons of carbon dioxide equivalent (**MTCO2e**) per year less than significant.

Threshold (b) asks whether the Project would "conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases." (MND, p. 83.) The City's conclusion that the Project would have a less than significant GHG impact under this threshold was based on the erroneous assumption that the Project's GHG emissions would be covered under the cap-and-trade program. Further, this significance conclusion is invalid because the MND's conclusion that the Project would be consistent with applicable plans is not supported by substantial evidence.

2-4

The City did not support its GHG significance determination with substantial evidence. The City only considered two applicable plans: The City of Monterey Park Climate Action Plan (**CAP**), and the 2022 Scoping Plan, both of which the Project would conflict with. In particular, none of the CAP provisions pertain to a data center which uses extremely large amounts of electricity. (See MND, pp. 84-89.) The same analysis that the City included to address the Project's compliance with the CAP would apply even if the Project's electricity were 100 times greater than it currently is, essentially screening out any data center from having significant GHG impact no matter what amount of electricity it uses. The City does not support this analysis by substantial evidence. Further, the City cannot rely on the assumption that GHG emissions will gradually ramp down in accordance with stricter GHG regulations, because the Project's emissions will remain in the five-figure range through 2035. (MND, p. 93, Table 8.4-4.)

Overall, the MND concluded that the Project's GHG emissions would be less than significant. Given the inadequacy of analysis under both thresholds, there is a fair argument for why the Project would have a significant GHG impact. Yet, significance under either of the two thresholds would require a finding of significant impact.

Consistency with Identified Applicable Plans

2-5

The MND's analysis was insufficient to determine that the Project would be consistent with applicable plans. The Project would be inconsistent with both the CAP and the 2022 Scoping Plan.

First, to provide a basis for its less-than-significant determination. the City concluded that the Project would not conflict with the CAP. However, the City did not provide substantial evidence for this determination. First, GHG policy has changed significantly in the last decade, rendering the 2012 CAP outdated.

But even assuming that that the CAP is an applicable plan, the City did not adequately demonstrate that the Project would not conflict with it. For example, the City claimed that several measures were inapplicable municipal measures that are "not Project specific" to justify circumventing certain CAP measures. In particular, the City failed to provide a consistency analysis for Land Use Measure 1 (Mixed Use Development), Land Use Measure 2 (Service Nodes), Transportation Measure 1.2 (Promote Use of Transit Network), and Transportation Measure 2.2 (Increase Walking and Biking), each stating the following assumption: "This is a municipal measure and not specifically applicable to the Project. Therefore, this measure is not applicable." (MND, pp. 84–89.)

Even though the CAP as a guiding policy document describes initiatives intended for the City to carry out, the Project could still be in conflict with those measures even if the lead agency is not responsible for achieving particular objectives on a project-level. For instance, the Project's construction or operations could potentially make it more difficult or counteract the City's objectives to achieve the CAP goals. The Project conflicts with Land Use Measure 1—which suggests that Monterey Park achieve a Vehicle Miles Travelled (**VMT**) reduction target by facilitating new mixed-use development near existing and planned transit corridors—because the Project would utilize space and resources for a new industrial development which is not a mixed-use development near a transit corridor and would actively increase VMT, counteracting the City's efforts under Land Use Measure 1. The City has not adequately demonstrated that the Project would comply with the CAP as it claims.

2-5 cont.

Second, although the City claimed that the Project would not "impede the State's progress towards carbon neutrality by 2045 under the 2022 Scoping Plan," the MND did not adequately address any of the 2022 Scoping Plan's goals within the context of the Project. (MND, pp. 89–90.) The 2022 Scoping Plan sets goals for 50% of all industrial energy demand to be electrified and statewide emissions be reduced to 85% below 1990 levels, both to be achieved before 2045 (2022 CARB Scoping Plan, p. 77). The 2022 CARB Scoping Plan also places particular emphasis on decarbonizing industrial facilities by "displacing fossil fuel use with a mix of electrification, solar thermal heat, biomethane, low- or zero-carbon hydrogen, and other low-carbon fuels to provide energy for heat and reduce combustion emissions" (2022 CARB Scoping Plan, p. 208). The Project is inconsistent with these goals because the facilities, including the energy used by the data center and substation would create an additional large source of emissions from non-renewable sources, contrary to the statewide electrification and decarbonization contemplated by the 2022 Scoping Plan.

2-6

And the Project's use of diesel-powered backup generators, which are projected to produce 2,062 MTCO2e/year indefinitely (MND, p. 92) is inconsistent with the 2022 Scoping Plan's goal of achieving carbon neutrality by 2045. 2-6 cont.

The MND Should Have Also Analyzed Other Applicable Plans

The City chose, as its second GHG threshold, whether the Project would "conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases." (MND, p. 83.) This language requires that the MND analyze the Project's consistency with *all* other applicable plans, not just the plans that the City prefers to analyze.

The Project must show consistency with long-term State GHG goals for the entirety of the Project's anticipated lifespan to comply with CEQA. In particular, the MND must also demonstrate consistency with Senate Bill 32, which requires statewide GHG emissions to be reduced to 40% below 1990 levels by 2030, and Executive Order B-55-18 (**EO B-55-18**) which requires the State of California to achieve carbon neutrality—net zero GHG emissions—by 2045. 2-7

The Project is inconsistent with both because it does not prohibit the use of gasoline, diesel, and natural gas, and burning such non-renewable fuels results in substantial GHG emissions. Further, the data center would use an immense amount of electricity, which generates high quantities of GHGs, preventing the Project from ever achieving carbon neutrality without offsets or a 100% clean energy source.

Additionally, the City should have demonstrated consistency with the 2017 Scoping Plan, which was developed to facilitate California's compliance with SB 32 and requires statewide GHG emissions to be reduced to 40% below 1990 levels by 2030. (Health & Safety Code § 38566.) The MND did not discuss how the Project is consistent with any of the goals, including the 2050 goal of 80% below 1990 levels. The 2017 Scoping Plan also sets out statewide goals for total GHG emissions targets of 6 MTCO2e/capita by 2030, and 2 MTCO2e/capita by 2050 (CARB Scoping Plan, p. 99). 2-8

With the Project's net operational GHG emissions at 85,309 MTCO2e annually, the Project's per-service population GHG emissions would be over 3,000 MTCO2e, nowhere near the 2030 target, let alone the 2050 target.[2] Thus, the Project's GHG impact is significant under the second threshold because it is inconsistent with applicable plans for the reduction of GHGs.

The City Should Have Required an EIR

No mitigation measures were considered for GHGs due to the erroneous determination of less-than-significant impact. If the City had used appropriate significant thresholds and accurate analysis, 2-9

[2] $85{,}309\ MTCO2e \div 26\ employees = 3{,}281.1\ MTCO2e/service\ population$
Employee data obtained from the Population and Housing section of the MND. (MND, p. 127).

it would have concluded that the Project's GHG emissions are significant. Inconsistency with applicable plans for the reduction of GHG emissions supports a fair argument that the Project would have a significant environmental effect. Therefore, the City was mistaken in its choice to create an MND for a Project that would likely create such a considerable GHG impact and the City should have prepared an EIR and mitigate to the extent required by CEQA.

It is feasible to reduce the GHG emissions from the Project's electricity usage by opting into Southern California Edison's clean power option. The Project intends to utilize SCE's default energy mix which would include 33.2 percent of the electricity to be derived from renewable sources. Yet, there is nothing preventing the City from opting into the SCE's Green Rate Program which can allow the Project to purchase solar power for up to 100% of its energy usage.[3]

2-9 cont.

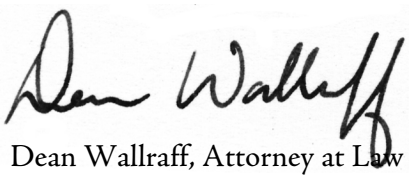
Conclusion

For the reasons given in this letter, the MND is not in conformance with CEQA requirements. Notably, the GHG significance analysis was inadequate, and the City should have concluded that the Project would contribute to a significant GHG impact. The MND fails as an informational document and is misleading to decision-makers and the public.

Please put Advocates for the Environment on the interest list to receive updates about the progress of this Project. We make this request under Public Resources Code, section 21092.2.

2-10

Sincerely,



Dean Wallraff, Attorney at Law
Executive Director, Advocates for the Environment

[3] See https://www.sce.com/sites/default/files/custom-files/PDF_Files/Green_Rate_Business_Factsheet_2023.pdf

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December 2, 2024

Via Overnight Mail and Email

Beth Chow, AICP, Planning Manager
City of Monterey Park Planning Division
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Re: Comments on 1977 Saturn Data Center Project Initial Study Mitigated Negative Declaration (SCH No. 2024101397)

Dear Ms. Chow and Ms. Serrano:

We are writing on behalf of Coalition for Responsible Equitable Economic Development Los Angeles ("CREED LA") to provide comments on the Initial Study / Mitigated Negative Declaration ("MND") prepared by the City of Monterey Park ("City") for the 1977 Saturn Data Center Project (SCH No. 2024101397) ("Project") proposed by SDCF Monterey Park, LLC ("Applicant").[1]

The Project proposes to construct a new 218,400-square-foot data center with an ancillary equipment yard, substation, parking, and landscaping.[2] An approximately 75,000-square-foot ancillary equipment yard would be located adjacent to the north side of the data center. The Project would include twelve four megawatts ("MW") back-up diesel generators to provide power in the event of an emergency. The Project would also include a 24,000-square-foot electrical substation. Project construction is anticipated to last approximately 24 months. The Project is proposed to be located at 1977 Saturn Street (APN No. 5265-026-054) in the City of Monterey Park, in Los Angeles County, California. Project construction is anticipated to occur over one phase, lasting approximately 24 months, beginning as early as September 2025 and ending as early as August 2027.

3-1

[1] City of Monterey Park, Public Review Draft Initial Study/Mitigated Negative Declaration, 1977 Saturn Data Center Project (Oct. 2024) (hereinafter "MND").
[2] MND, p. 5.

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These comments were prepared with the assistance of air quality, health risk, and GHG expert Dr. James Clark, Ph.D. and noise and vibration expert Ms. Deborah Jue. Comments and curriculum vitae of Dr. Clark are attached to this letter as Exhibit A.[3] Ms. Jue's comments and curriculum vitae are included as Exhibit B.[4] Exhibit A and B are fully incorporated herein and submitted to the City herewith. We reserve the right to supplement these comments at a later date and at any future proceedings related to this Project.[5]

3-1 cont.

I. STATEMENT OF INTEREST

CREED LA is an unincorporated association of individuals and labor organizations that may be adversely affected by the potential public and worker health and safety hazards, and the environmental and public service impacts of the Project. The coalition includes the Sheet Metal Workers Local 105, International Brotherhood of Electrical Workers Local 11, Southern California Pipe Trades District Council 16, and District Council of Iron Workers of the State of California, along with their members, their families, and other individuals who live and work in the City of Monterey Park. Accordingly, they would be directly affected by the Project's environmental and health and safety impacts.

3-2

Individual members of CREED LA and its member organizations include Monterey Park residents Matthew Ortiz, Jesse Estrada and Kristian Garcia. Individual members may also work on the Project itself. They would be first in line to be exposed to any health and safety hazards that exist onsite.

CREED LA seeks to ensure a sustainable construction industry over the long-term by supporting projects that have positive impacts for the community, and which minimize adverse environmental and public health impacts. CREED LA has an interest in enforcing environmental laws that encourage sustainable development and ensure a safe working environment for its members.

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[3] **Exhibit A:** Letter from James Clark to Adams Broadwell Joseph & Cardozo, Comment Letter on Initial Study/Mitigated Negative Declaration (IS/MND) For 1977 Saturn Data Center Project, City of Monterey Park, CA. (Dec. 2, 2024) ("**Clark Comments**").

[4] **Exhibit B:** Letter from Deborah Jue to Adams Broadwell Joseph & Cardozo, 1977 Saturn Data Center Project Mitigated Negative Declaration, Comments on the Noise and Vibration Analysis (Nov. 27, 2024) **("Jue Comments**").

[5] Gov. Code § 65009(b); PRC § 21177(a); *Bakersfield Citizens for Local Control v. Bakersfield* ("*Bakersfield*") (2004) 124 Cal. App. 4th 1184, 1199-1203; see *Galante Vineyards v. Monterey Water Dist*. (1997) 60 Cal. App. 4th 1109, 1121.

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Environmentally detrimental projects can jeopardize future jobs by making it more difficult and more expensive for business and industry to expand in the region, and by making the area less desirable for new businesses and new residents. Indeed, continued environmental degradation can, and has, caused construction moratoriums and other restrictions on growth that, in turn, reduce future employment opportunities.

3-2 cont.

II. LEGAL BACKGROUND

CEQA requires that lead agencies analyze any project with potentially significant environmental impacts in an EIR, except in limited circumstances.[6] The purpose of an EIR "is to inform the public and its responsible officials of the environmental consequences of their decisions *before* they are made. Thus, the EIR protects not only the environment, but also informed self-government."[7] The EIR has been described as "an environmental 'alarm bell' whose purpose is to alert the public and its responsible official to environmental changes before they have reached ecological points of no return."[8]

3-3

A negative declaration may be prepared instead of an EIR when, after preparing an initial study, a lead agency determines that a project "would not have a significant effect on the environment."[9] Courts have held that if "no EIR has been prepared for a nonexempt project, but substantial evidence in the record supports a fair argument that the project may result in significant adverse impacts, the proper remedy is to order preparation of an EIR."[10]

The presumption in favor of preparing an EIR, rather than a negative declaration, is reflected in the "fair argument" standard. Under that standard, the lead agency "shall" prepare an EIR whenever substantial evidence in the whole record before the agency supports a fair argument that a project may have a significant effect on the environment.[11] The fair argument standard creates a "low

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[6] Pub. Resources Code, § 21000; CEQA Guidelines, § 15002.
[7] *Citizens of Goleta Valley v. Bd. of Supervisors* (1990) 52 Cal.3d 553, 564 (internal citations omitted).
[8] *County of Inyo v. Yorty* (1973) 32 Cal.App.3d 795, 810.
[9] *Quail Botanical Gardens v. City of Encinitas* (1994) 29 Cal.App.4th 1597; Pub. Resources Code, § 21080(c).
[10] *Communities for a Better Environment v. South Coast Air Quality Management Dist.* (2010) 48 Cal.4th 310, 319-320.
[11] Pub. Resources Code, §§ 21080(d), 21082.2(d); CEQA Guidelines, §§ 15002(k)(3), 15064(f)(1), (h)(1); *Laurel Heights Improvement Assn. v. Regents of the Univ. of Cal.* (1993) 6 Cal.4th 1112, 1123; *No Oil, Inc. v. City of Los Angeles* (1974) 13 Cal.3d 68, 75, 82; *Stanislaus Audubon Society, Inc. v. County of*

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threshold" of favoring environmental review through an EIR, rather than through a negative declaration.

"Substantial evidence" required to support a fair argument is defined as "enough relevant information and reasonable inferences from this information that a fair argument can be made to support a conclusion, even though other conclusions might also be reached."[12] "[I]n marginal cases where it is not clear whether there is substantial evidence that a project may have a significant effect on the environment, the lead agency shall be guided by the following principle: If there is disagreement among expert opinion supported by facts over the significance of an effect on the environment, the Lead Agency shall treat the effect as significant and shall prepare an EIR."[13]

With respect to this Project, the MND fails to satisfy the basic purposes of CEQA. The MND fails to adequately disclose, investigate, and analyze the Project's potentially significant impacts, and fails to provide substantial evidence to conclude that impacts will be mitigated to a less than significant level. Because the MND lacks basic information regarding the Project's potentially significant impacts, the MND's conclusion that the Project will have a less than significant impact on the environment is unsupported.[14] The City failed to gather the relevant data to support its finding of no significant impacts, and substantial evidence shows that the Project may result in potentially significant impacts. As detailed herein and in the attached expert comments, substantial evidence supports a fair argument that the Project may result in significant and unmitigated impacts to air quality, public health, greenhouse gases, and from noise. The City must prepare an EIR that analyzes, discloses, and mitigates these impacts and which considers less environmentally damaging alternatives.

3-3 cont.

III. THE MND FAILS TO PROVIDE AN ADEQUATE DESCRIPTION OF THE ENVIRONMENTAL SETTING

3-4

The MND fails to adequately describe the environmental setting against which the Project's environmental impacts are to be measured for several critical aspects of the Project. This contravenes the fundamental purpose of the

Stanislaus (1995) 33 Cal.App.4th 144, 1501-51; *Quail Botanical Gardens Found., Inc. v. City of Encinitas* (1994) 29 Cal.Appl.4th 1597, 1601-1602.
[12] CEQA Guidelines, § 15384(a).
[13] CEQA Guidelines, § 15064(g).
[14] Pub. Resources Code, § 21064.5.

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environmental review process, which is to determine whether there is a potentially substantial, adverse change compared to the existing setting. [15] CEQA requires that a lead agency include a description of the physical environmental conditions, or "baseline," in the vicinity of the project as they exist at the time environmental review commences.[16] As the courts have repeatedly held, the impacts of a project must be measured against the "real conditions on the ground."[17] The description of the environmental setting constitutes the "baseline" physical conditions against which the lead agency assesses the significance of a project's impacts.[18] An Environmental Setting is required "to give the public and decision makers the most accurate and understandable picture practically possible of the project's likely near-term and long-term impacts.[19]

3-4 cont.

A. The MND Fails to Adequately Describe the Proximity to Sensitive Receptors

The MND provides that the "nearest sensitive receptors to the Project Site are multi-family residences located approximately 65 feet (approximately 20 meters) northwest of the Project Site."[20] The Health Risk Impact Assessment also relies on a 65 feet distance to nearby sensitive receptors to undergird its analysis.[21] However, substantial evidence demonstrates that sensitive receptors are closer than 65 feet from the Project site.[22] Based on the MND's Local Vicinity Map in Figure 2-2, the Project site directly abuts the residence at 2204 Iris Way, and may be as close as 20 feet northwest from the construction zone of the Project site.[23] Construction activities occurring along to the Project's northwest property line will result in significant noise, air quality, and health risk impacts more severe than analyzed in the MND.[24] The MND's reliance on the geographic center of the Project site to inform its analysis of distances to sensitive receptors is therefore misplaced and unsupported by substantial evidence. As discussed below, the MND's failure to

3-5

[15] CEQA Guidelines, § 15063, subd. (d).
[16] CEQA Guidelines, § 15125(a); *Communities for a Better Environment v. South Coast Air Quality Management Dist*. (2010) 48 Cal. 4th 310, 321 ("*CBE v. SCAQMD*").
[17] *CBE v.* SCAQMD, 48 Cal. 4th at 321; Save *Our Peninsula Com. v. Monterey County Bd. of Supervisors* (2001) 87 Cal.App.4th 99, 121-22; *City of Carmel-by-the-Sea v. Bd. of Supervisors of Monterey County* (1986) 183 Cal.App.3d 229, 246.
[18] CEQA Guidelines, § 15125(a); *CBE v.* SCAQMD, 48 Cal. 4th at 321.
[19] 14 CCR § 15125(a).
[20] MND, p. 46.
[21] MND, Appendix B, p. 7.
[22] Jue Comments, p. 4.
[23] *Id.* at 5.
[24] *Id.*

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analyze the Project's proximity to nearby sensitive receptors results in an inaccurate analysis of the Project's construction and operational noise impacts.[25] The City must prepare an EIR which accurately analyzes the Project's environmental setting with respect to nearby sensitive receptors for air quality, health risk, and noise impacts before the Project can lawfully be approved.

3-5 cont.

B. The MND Fails to Adequately Quantify the Existing Noise Environment

The MND fails to adequately quantify the existing noise environment, against which to measure the Project's operational and construction noise impacts. Deborah Jue's comments provide that the MND's reliance on the metric Leq instead of the median noise level, L50, is misplaced.[26] L50 is the median noise level, Leq is the Equivalent Continuous Sound Level, but these metrics are not the same. The Leq can be very similar to L50, but it is often several decibels higher.[27] Ms. Jue's comments demonstrate that MND Table 4.13-6 erroneously relies on Leq instead of L50, which results in a significant underestimation of the Project's operational noise impacts.[28]

3-6

Further, the MND noise analysis relies on ambient noise levels of 56 to 65 Leq because the MND provides that "[a]mbient daytime noise levels include the operations of the two generators closest to sensitive receptors for generator testing."[29] Ambient noise levels should be calculated utilizing the noise levels in the existing environment, the baseline, not including Project components such as the two generators closest to sensitive receptors. Since the generators are part of the Project, their operation should be compared to the existing ambient noise level, without the project. The MND's analysis of the environmental setting with respect to noise is therefore unsupported. The Project may result in potentially significant noise impacts as demonstrated herein.

[25] Jue Comments, p. 4.
[26] *Id.* at 2.
[27] *Id.*
[28] *Id.* at 3.
[29] MND, p. 123.

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IV. AN EIR IS REQUIRED FOR THE PROJECT BECAUSE THERE IS SUBSTANTIAL EVIDENCE SUPPORTING A FAIR ARGUMENT THAT THE PROJECT MAY HAVE SIGNIFICANT, UNMITIGATED AIR QUALITY IMPACTS

A negative declaration is improper, and an EIR must be prepared, whenever it can be fairly argued on the basis of substantial evidence that the project may have a significant environmental impact.[30] "[S]ignificant effect on the environment" is defined as "a substantial, or potentially substantial, adverse change in the environment."[31] An effect on the environment need not be "momentous" to meet the CEQA test for significance; it is enough that the impacts are "not trivial."[32] Substantial evidence, for purposes of the fair argument standard, includes "fact, a reasonable assumption predicated upon fact, or expert opinion supported by fact."[33]

3-7

Moreover, the failure to provide information required by CEQA is a failure to proceed in the manner required by CEQA.[34] Challenges to an agency's failure to proceed in the manner required by CEQA, such as the failure to address a subject required to be covered in an MND or to disclose information about a project's environmental effects or alternatives, are subject to a less deferential standard than challenges to an agency's factual conclusions.[35] Even when the substantial evidence standard is applicable to agency decisions to certify an MND and approve a project, reviewing courts will not 'uncritically rely on every study or analysis presented by a project proponent in support of its position. A clearly inadequate or unsupported study is entitled to no judicial deference.'"[36]

As discussed below, CREED LA's expert James Clark presented direct and substantial evidence raising a fair argument that the Project will have significant environmental impacts. An EIR must be prepared to further evaluate and mitigate the significant impacts to less than significant levels.

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[30] PRC § 21151; 14 CCR § 15064(f); *Citizens for Responsible Equitable Envt'l Dev. v. City of Chula Vista* ("*CREED*") (2011) 197 Cal.App.4th 327, 330-31; *Communities for a Better Env't v. South Coast Air Quality Mgmt. Dist.* (2010) 48 Cal.4th 310, 319 ("*CBE v. SCAQMD*").
[31] PRC § 21068; 14 CCR § 15382; *County Sanitation Dist. No. 2 v. County of Kern* (2005) 127 Cal.App.4th 1544, 1581.
[32] *No Oil, Inc. v. City of Los Angeles* (1974) 13 Cal.3d 68, 83.
[33] PRC § 21080(e)(1) (emphasis added); *CREED*, 197 Cal.App.4th at 331.
[34] *Sierra Club v. State Bd. Of Forestry* (1994) 7 Cal.4th 1215, 1236.
[35] *Vineyard Area Citizens for Responsible Growth, Inc. v. City of Rancho Cordova* (2007) 40 Cal.4th 412, 435.
[36] *Berkeley Jets*, 91 Cal.App.4th at 1355.

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A. Substantial Evidence Supports a Fair Argument that the Project May Result in Potentially Significant Impacts from the Backup Generators

The MND fails to analyze the Project's potentially significant environmental impacts from the use of backup generators. Twelve four-MW backup generators with a total generation capacity of up to 48 MW and the two redundant back-up generators would be located outdoors in an approximately 75,000-square-foot ancillary equipment yard, adjacent to the north side of the data center.[37] Dr. Clark's comments demonstrate that the Project results in significant air quality and health risk impacts associated with operation of the backup generators that are more severe than disclosed in the MND.[38] Dr. Clark determined that the MND only accounts for a total of 50 hours of testing for the generators.[39] But, each of the 14 generators is permitted to be tested for 50 hours per year, which accounts for a total of 700 hours per year. This results in significant emissions of diesel particulate matter ("DPM") which are not accounted for in the MND.[40] Without binding mitigation to limit the testing of the backup generators to 50 hours total per year, the air quality and health risk impacts associated with DPM and TAC emissions is significant and unmitigated.[41] 3-8

DPM is a toxic air contaminant (TAC) that is recognized by state and federal agencies as causing severe health risk because it contains toxic materials, unlike PM2.5 and PM10.[42] Diesel exhaust has been linked to a range of serious health problems including an increase in respiratory disease, lung damage, cancer, and premature death.[43] Fine DPM is deposited deep in the lungs in the smallest airways and can result in increased respiratory symptoms and disease; decreased lung function, particularly in children and individuals with asthma; alterations in lung tissue and respiratory tract defense mechanisms; and premature death.[44] Exposure to DPM increases the risk of lung cancer.[45] It also causes non-cancer effects including chronic bronchitis, inflammation of lung tissue, thickening of the

[37] MND, p. 5.
[38] Clark Comments, p. 7.
[39] *Id.*
[40] *Id.*
[41] *Id.*
[42] *Id.*
[43] *Id.*
[44] *Id.*
[45] *Id.*

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alveolar walls, immunological allergic reactions, and airway constriction.[46] Dr. Clark's comments provide substantial evidence that DPM emissions represent a significant health risk requiring additional analysis and mitigation in an EIR.

Under the fair argument standard, a lead agency "shall" prepare an EIR whenever substantial evidence in the whole record before the agency supports a fair argument that a project may have a significant effect on the environment.[47] The phrase "significant effect on the environment" is defined as "a substantial, or potentially substantial, adverse change in the environment."[48] Dr. James Clark finds a significant health risk from exposure to TAC emissions, which constitutes substantial evidence supporting a fair argument that health risk is significant and unmitigated.

3-8 cont.

An EIR must be prepared which quantifies the Project's emissions of toxic air contaminants ("TAC"), and compares them to the SCAQMD's quantitative cancer threshold of 10/million,[49] in order to adequately assess and disclose the Project's air quality impacts on human health.[50] Absent this analysis, the City lacks substantial evidence to conclude that the Project's health risk impacts are less than significant.

Furthermore, Dr. Clark remodeled the operational emissions of the Project and found that based on a generator size of 5,376 brake horsepower (which would generate 4-MW of power), and limiting the operation to a total of 4.2 hours per month for all 14-generators, the generators would emit up to 166 lbs. per day of

3-9

[46] Clark Comments, p. 7.
[47] Pub. Res. Code §§21080(d), 21082.2(d); 14 Cal. Code Reg. §§ 15002(k)(3), 15064(f)(1), (h)(1); *Laurel Heights Improvement Assn. v. Regents of the Univ. of Cal.* (1993) 6 Cal.4th 1112, 1123; *No Oil, Inc. v. City of Richmond* (1974) 13 Cal.3d 68, 75, 82; *Stanislaus Audubon Society, Inc. v. County of Stanislaus* (1995) 33 Cal.App.4th 144, 150-151; *Quail Botanical Gardens Found., Inc. v. City of Encinitas* (1994) 29 Cal.App.4th 1597, 1601-1602.
[48] Pub. Resources Code, § 21068.
[49] See South Coast AQMD Air Quality Significance Thresholds, available at https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjc1oThoK3_AhUUHTQIHcYKBTsQFnoECAoQAQ&url=https%3A%2F%2Fwww.aqmd.gov%2Fdocs%2Fdefault-source%2Fceqa%2Fhandbook%2Fsouth-coast-aqmd-air-quality-significance-thresholds.pdf%3Fsfvrsn%3D25&usg=AOvVaw07n1OZu8Nvvtfq0AnstLMG.
[50] *Sierra Club v. County of Fresno* (2018) 6 Cal.5th 502, 519; *Bakersfield Citizens for Local Control v. City of Bakersfield* (2004) 134 Cal.App.4th 1184, *1220 (*"After reading the EIRs, the public would have no idea of the health consequences that result when more pollutants are added to a nonattainment basin. On remand, the health impacts resulting from the adverse air quality impacts must be identified and analyzed in the new EIRs.").

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NOx, exceeding the SCAQMD's significance threshold of 55 lbs. per day.[51] Dr. Clark's comments provide substantial evidence demonstrating that the Project results in a significant air quality impact requiring review and mitigation in an EIR, before the Project can be approved.

3-9 cont.

V. AN EIR IS REQUIRED FOR THE PROJECT BECAUSE THERE IS SUBSTANTIAL EVIDENCE SUPPORTING A FAIR ARGUMENT THAT THE PROJECT MAY HAVE SIGNIFICANT, UNMITIGATED GHG IMPACTS

The MND concludes, absent substantial evidence, that the Project will result in less than significant GHG impacts.[52] The MND's GHG analysis memorandum does not include modeling files to support the GHG emissions calculations for the emergency generators. MND Table 5 provides that emergency generators will emit 2,062 metric tons of carbon dioxide equivalent ("$MTCO_2e$") but this estimate is unsupported. The CalEEMod modeling does not include emissions from the emergency generators and the City does not actually document how the 2,062 $MTCO_{2eq}$ value was derived.[53] The MND's conclusions regarding the Project's GHG impacts are therefore unsupported, and these impacts must be evaluated in an EIR for the Project.

3-10

Furthermore, Dr. Clark calculated that the Project will result in a more severe GHG impact than analyzed in the MND. Dr. Clark's comments demonstrate that the use of the General Office Building setting in the MND's CalEEMod air modeling underestimates the energy consumption rate and resulting GHG and air pollutant emissions from the Project.[54] The GHG emissions are more significant than analyzed in the MND and require mitigation in an EIR before the Project can be approved.[55]

[51] Clark Comments, p. 5.
[52] MND, p. 75.
[53] Clark Comments, p. 6.
[54] *Id.*
[55] *Id.* at 9.

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VI. AN EIR IS REQUIRED FOR THE PROJECT BECAUSE THERE IS SUBSTANTIAL EVIDENCE SUPPORTING A FAIR ARGUMENT THAT THE PROJECT MAY HAVE SIGNIFICANT, UNMITIGATED HAZARDS IMPACTS

There is substantial evidence in support of a fair argument that the Project will create significant and unmitigated risks to human health and the environment from the accidental release of soil contaminants. These impacts are not disclosed in the MND and require preparation of an EIR. The MND is further inadequate because it relies on impermissibly vague and deferred mitigation measures to purportedly lessen or avoid these impacts, in violation of CEQA. 3-11

A. The MND Fails to Disclose the Project's Potentially Significant Hazards Impacts

The MND provides that the "[t]he Project site is not identified on a compiled hazardous materials site list pursuant to California Government Code Section 65962.5."[56] However, the Project site is on the Cortese List due to groundwater contamination issues, and, for that reason, is also listed on SWRCB's GeoTracker website.[57] The Project site was contaminated via leaks from three diesel underground storage tanks ("UST"). As of June 28, 2022, the Los Angeles Regional Water Quality Control Board Site data indicate that there may be residual concentrations of pollutants in soil at this site that could pose an unacceptable risk as a result of future construction/redevelopment activities, and/or change to a more sensitive land use from commercial use.[58] The severity of this impact is not disclosed or mitigated in the MND. 3-12

A. The MND Fails to Adequately Mitigate the Project's Potentially Significant Hazards Impacts

The MND's conclusion that hazards impacts are mitigated to less than significant levels, is not supported by substantial evidence. The MND includes 3-13

[56] MND, p. 99.
[57] State Water Resources Control Board, Geotracker, BRE CA SATURN, LLC (T10000018576) https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000018576
[58] Letter from Yue Rong, Ph.D. Program Manager, Underground Storage Tank Program, Los Angeles Regional Water Quality Control Board, to BRE CA SATURN LLC, Underground Storage Tank Program – Non-Case Determination (June 28, 2022), *available at:* https://documents.geotracker.waterboards.ca.gov/regulators/deliverable_documents/9720914542/1977%20Saturn%20St%20ncl%20(June%2028,%202022).pdf.

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unenforceable, deferred, and impermissibly vague mitigation measures to purportedly reduce significant hazards impacts. Mitigation measures are conditions on the construction and operation of a project that are designed to lessen or avoid a project's environmental impacts.[59] If a project has the potential to have a significant effect on the environment, the lead agency must prepare an EIR that incorporates feasible mitigation measures to reduce impacts to less-than-significant levels.[60] It is the possibility of a significant effect, not a determination of the actual effect, which would be the subject of a negative declaration or an EIR.[61]

Here, the MND proposes to develop a Soil Management Plan ("SMP") to address potential soils with residual impacts remaining on the Project Site during future construction/redevelopment activities, pursuant to mitigation measure MM HAZ-1. CEQA requires disclosure of the severity of a project's impacts and the probability of their occurrence *before* a project can be approved.[62] In *Bozung v. Local Agency Formation Commission* ,the Supreme Court upheld "the principle that the environmental impact should be assessed as early as possible in government planning."[63] A study conducted after approval of a project will inevitably have a diminished influence on decisionmaking.[64] Even if the study is subject to administrative approval, it is analogous to the sort of post hoc rationalization of agency actions that has been repeatedly condemned in decisions construing CEQA.[65]

3-13 cont.

MM HAZ-1 results in improper deferral of required analysis until after project approval, and may therefore not sufficiently mitigate impacts to construction workers exposed to soil contamination before the site is properly characterized and cleaned. CEQA Guidelines § 15126.4(a)(1)(B) provide that formulation of mitigation measures shall not be deferred until some future time.[66] Deferral of the

[59] See 14 CCR § 15126.4.
[60] *Salmon Protection and Watershed Network v. County of Marin*, 125 Cal.App.4th (2004) 1098, 1107.
[61] *Azusa Land Reclamation Co. v. Main San Gabriel Basin Watermaster* (1997) 52 Cal.App.4th 1165, 1199–1200.
[62] 14 CCR §§ 15143, 15162.2(a); *Cal. Build. Indust. Ass'n v. BAAQMD* (2015) 62 Cal.4th 369, 388-90 ("*CBIA v. BAAQMD*") (disturbance of toxic soil contamination at project site is potentially significant impact requiring CEQA review and mitigation); *Madera Oversight Coalition v. County of Madera* (2011) 199 Cal. App. 4th 48, 82; *Berkeley Keep Jets Over the Bay Com. v. Bd. of Port Comrs. ("Berkeley Jets")* (2001) 91 Cal.App.4th 1344, 1370-71; CEQA Guidelines, Appendix G.
[63] (1975) 13 Cal.3d 263, 282.
[64] *Sundstrom v. County of Mendocino*, supra, 202 Cal.App.3d 296, 307.
[65] *Id.*; *No Oil, Inc. v. City of Los Angeles*, supra, 13 Cal.3d 68, 81; *Environmental Defense Fund, Inc. v. Coastside County Water Dist.* (1972) 27 Cal.App.3d 695, 706.
[66] 14 CCR 15126.4(a)(1)(B).

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formulation of mitigation measures is only permissible when the agency adopts performance standards and conditions approval of the project on meeting those performance standards, or lists alternative means of mitigating the impacts, which must be disclosed and analyzed.[67] Here, the SMP lacks any performance standards, and would require additional analysis and potential formulation of unidentified remedial procedures at some later date. In order to comply with CEQA, the City must identify mitigation measures before Project approval, and include such measures in an EIR circulated for public review.

3-13 cont.

VII. AN EIR IS REQUIRED FOR THE PROJECT BECAUSE THERE IS SUBSTANTIAL EVIDENCE SUPPORTING A FAIR ARGUMENT THAT THE PROJECT MAY HAVE SIGNIFICANT, UNMITIGATED NOISE IMPACTS

Deborah Jue's comments provide substantial evidence that the Project results in significant operational noise impacts. Noise from the Project's generators was not evaluated, and the combined operation of all mechanical equipment could be 3 dBA or more than predicted in the MND.[68] Ms. Jue's comments also demonstrate that the mechanical equipment noise would exceed the City's noise limits during the nighttime hours at the residences to the west of the Project site.[69] Moreover, when accounting for the correct ambient noise level, Ms. Jue identified a significant operational noise impact during daytime hours as well.[70]

3-14

The MND also lacks support for its conclusions regarding operational noise impacts. It provides that "[p]ackaged HVAC rooftop units would provide cooling for the administrative and ancillary spaces."[71] The MND provides that the "heating, ventilation, and air conditioning ("HVAC") equipment would include 23 air cooled chillers with free cooling modules, each rated at 460-tons of capacity, in an N+1 redundancy configuration to support data hall operations." However, the MND fails to identify the source of the reference sound power levels used in its analysis of HVAC rooftop equipment and lacks sound power data for the generators.[72] Deborah Jue's comments provide that, absent documentation of the reference sound power levels for the rooftop equipment and generators, it is impossible to evaluate the

3-15

[67] E.g., *Endangered Habitats League v. County of Orange* (2005) 131 Cal.App.4th 777, 793-794; *Defend the Bay v. City of Irvine* (2004) 119 Cal.App.4th 1261, 1275.
[68] Jue Comments, pg. 4.
[69] Jue Comments, p. 3.
[70] Jue Comments, p. 3.
[71] MND, p. 16.
[72] Jue Comments, pgs. 2-3.

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MND's conclusions regarding operational noise impacts.[73] The MND's analysis of operational noise impacts is therefore not supported by substantial evidence. This information must be included in an EIR to accurately quantify and mitigate significant operational noise impacts.

3-15 cont.

Furthermore, given that the MND fails to accurately characterize the existing noise environment against which to measure the construction noise emissions and fails to accurately calculate the distance of construction equipment to sensitive receptors, construction noise impacts are underestimated in the MND. Deborah Jue's comments demonstrate that the Project would result in construction noise impacts so severe to neighboring sensitive receptors that the noise "would interfere with speech at neighboring properties."[74] Ms. Jue's calculations demonstrate that construction noise emission would be between 10 and 25 decibels higher than the ambient noise level.[75] The MND's conclusion that construction noise impacts are less than significant is therefore unsupported.

CEQA caselaw provides that the magnitude of noise increase over ambient levels must be addressed to determine the significance of change in noise levels.[76] The MND fails to adequately analyze impacts from noise and fails as an informational document. In *King and Gardiner Farms LLC. v. County of Kern* (2020) 45 Cal.App.5th 814, 893, determined that the use of an absolute noise level as the threshold of significance violated CEQA.[77] The court in *Keep Our Mountains Quiet* (2015) 236 Cal.App.4th 714, lead agency should consider both the increase in noise level and the absolute noise level associated with a project.[78] Here, the City's failure to consider the impact of a substantial increase in noise over ambient levels violates CEQA. The increase in noise to sensitive receptors necessitates further analysis in an EIR.

3-16

Substantial evidence in Ms. Jue's comments demonstrates significant construction and operational noise impacts from the Project on neighboring sensitive receptors. An EIR must be prepared which accurately analyzes and mitigates the Project's significant noise impacts.

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[73] Jue Comments, p. 3.
[74] *Id.* at 4.
[75] *Id.*
[76] *King and Gardiner Farms v. County of Kern* (2020) 45 Cal.App.5th 814, 893.
[77] *Id.*; *Berkeley Jets* 91 Cal.App.4th , 1373; *Keeping Our Mountains Quiet* 236 Cal.App.4th , 732.
[78] *Keep Our Mountains Quiet*

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VIII. THE CITY LACKS SUBSTANTIAL EVIDENCE TO APPROVE THE PROJECT'S LAND USE PERMITS

The Project requires the following entitlements:

- Approval of CUPs for a project on a lot size over one acre, and mechanical equipment exceeding height, if needed;
- Design Review;
- Approval of a Development Agreement, due to the Project's large scale development, and activation of the BRDZ pursuant to the MPMC;
- Tree removal;
- SCAQMD Authority to Construct/Permit to Operate; and
- Permits to Construct SCE Facilities.

3-17

A. The City Cannot Make the Necessary Findings to Approve the Conditional Use Permit

Approval of a Conditional Use Permit ("CUP") requires investigation and determination by the Planning Commission subject to appeal to the City Council.[79] Pursuant to Municipal Code Section 21.32.020(B), in order to grant a CUP, the Planning Agency must find, based upon substantial evidence:

a. That the site is adequate in size, shape and topography for the proposed use including, without limitation, any required yards, walls, fences, parking and loading facilities, landscaping, setbacks, and other development standards required in this code;
b. That the site has sufficient access to streets and highways, adequate in width and pavement type to carry the quantity and quality of traffic generated by the proposed use;
c. That the proposed use is consistent with the General Plan, any applicable specific plan, and applicable law;
d. That the proposed use will not create unusual noise, traffic, or other conditions that may be objectionable, detrimental, or incompatible with surrounding properties or other permitted uses in the City;
e. That the proposed use will not have an adverse effect on the public health, safety and general welfare; and

3-18

[79] City of Monterey Park, California, Planning Commission, available at: https://www.montereypark.ca.gov/649/Planning-Commission.

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f. That the use applied for at the location set forth in the application is properly one authorized by conditional use permit pursuant to this code.

As demonstrated herein, and in the expert consultant reports attached hereto, the Project results in a significant adverse effect on the public health, safety, and general welfare due to the Project's significant air quality, health risk, and noise impacts. An EIR must be prepared which adequately analyzes and mitigates the Project's significant environmental impacts before the Project's entitlements can be approved.

3-18 cont.

B. The City Cannot Make the Necessary Findings to Approve the Design Review

In order to approve a design review application, the Applicant must show, to the satisfaction of the City Planner, the following:

(A) The architecture and mass of new buildings and structures and modifications of existing buildings and structures are compatible and in keeping with the character of the neighborhood and not detrimental to the general welfare of the neighborhood in which they are located. [80]

3-19

As demonstrated herein, and in the expert consultant reports attached hereto, the proximity of the Project to sensitive receptors will result in significant unmitigated noise, air quality, and health risk impacts that are detrimental to the general welfare of the neighborhood in which it is located, in violation of the municipal code. An EIR must be prepared which adequately analyzes and mitigates the Project's significant environmental impacts before the Project's entitlements can be approved.

IX. CONCLUSION

For the reasons discussed above, the MND for the Project is wholly inadequate under CEQA. An EIR must be circulated to provide legally adequate analysis of, and mitigation for, all of the Project's potentially significant impacts.

3-20

[80] Monterey Park Municipal Code § 21.36.060.

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Until an EIR has been prepared and circulated for public review, as described herein, the City may not lawfully approve the Project.

3-20 cont.

Sincerely,

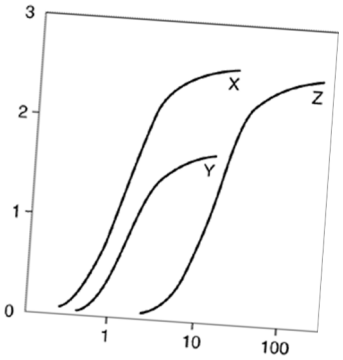
Kelilah D. Federman

Attachments
KDF:acp

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EXHIBIT A



Clark & Associates
Environmental Consulting, Inc.

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December 2, 2024

Adams Broadwell Joseph & Cardozo
601 Gateway Boulevard, Suite 100
South San Francisco, CA 94080

Attn: Ms. Kelilah Federman

Subject: Comment Letter on Initial Study/Mitigated Negative Declaration (IS/MND) For 1977 Saturn Data Center Project, City of Monterey Park, CA.

Dear Ms. Federman:

At the request of Adams Broadwell Joseph & Cardozo (ABJC), Clark and Associates (Clark) has reviewed materials related to the IS/MND for the above referenced project.

Clark's review of the materials in no way constitutes a validation of the conclusions or materials contained within the project record. If we do not comment on a specific item this does not constitute acceptance of the item.

Project Description

3-21

The Project would demolish the existing site improvements and construct a new 218,400-square-foot data center with an ancillary equipment yard, substation, parking, and landscaping. The Data Center would include approximately 109,970 square feet of data hall space and approximately 91,889 square feet of support space (collectively, the "Project"). The proposed data center building would be one story and 36 feet in height (46.5 feet to top of mechanical equipment platform screening). An approximately 75,000-square-foot ancillary equipment yard would be located adjacent to the north side of the data center. The Project would include fourteen (14) four-megawatt (4-MW) back-up

diesel generators to provide power in the event of an emergency.

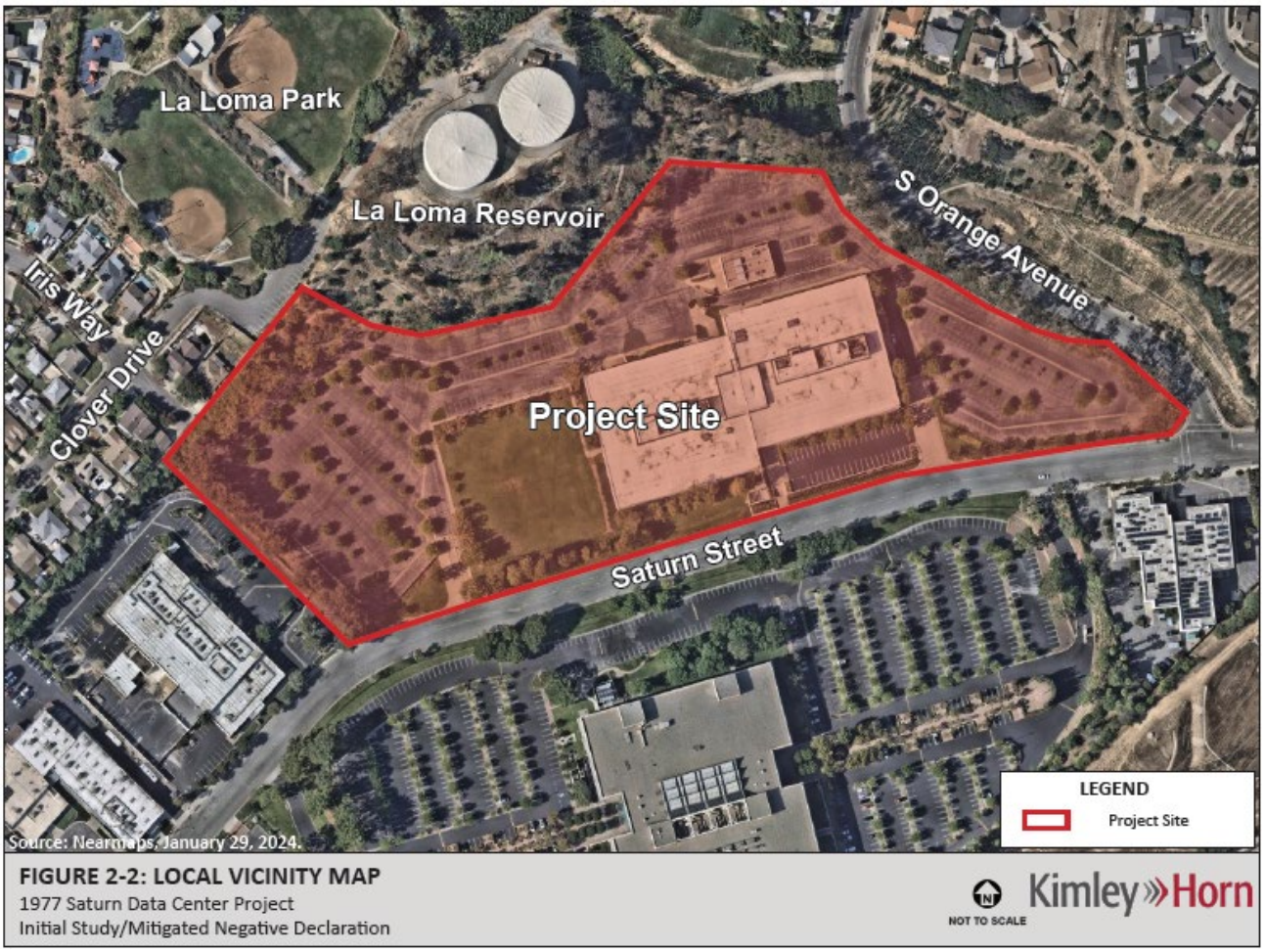


Figure 1: Project Site

The Project would also include a 24,000-square-foot electrical substation, appurtenant to the function of the data center. Project construction is anticipated to occur over one phase, lasting approximately 24 months, beginning as early as September 2025 and ending as early as August 2027.

3-21 cont.

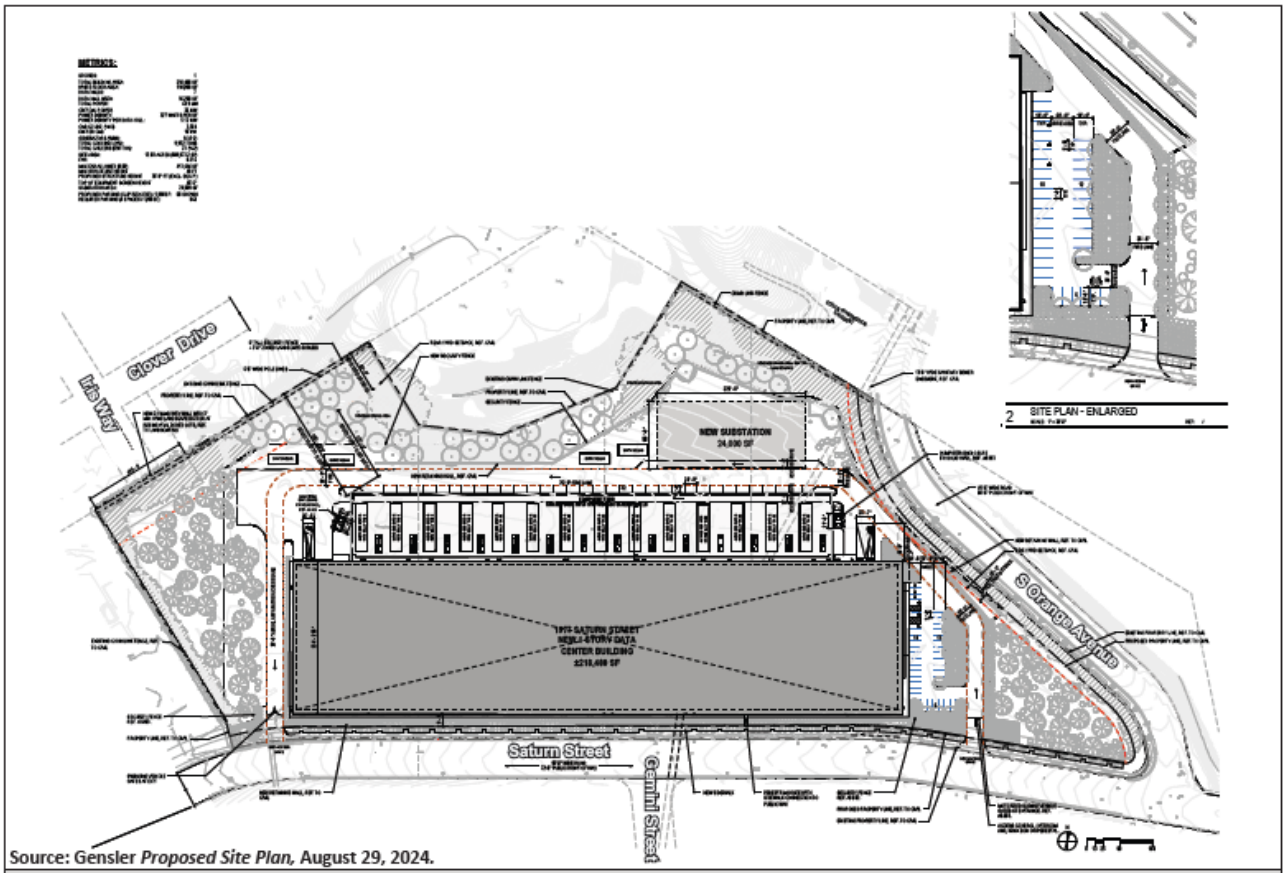


Figure 2: Conceptual Site Plan

Grading for the proposed improvements would require cut and fill to create building pads. The Project Site is bordered on the north by hillside that would remain undisturbed where the proposed design permits, as a general guideline using the existing parking lot limits and the limit of grading. There is currently only one area where there is cut into the hillside to accommodate the future substation. The proposed data center building takes up majority of the buildable land on the Project Site and spans nearly the entire frontage of Saturn Street. Project construction is anticipated to occur in the following sequence:

- Demolition of existing structures,
- Site grading and construction preparation,
- Building construction,
- Utility work,

3-21 cont.

- Paving,
- Interior construction and build-out,
- Installation of equipment and infrastructure, and
- Final inspections, testing, and commissioning.

Project Site preparation for the Project would require cutting and removal of approximately 500,000 square feet of concrete and approximately 65,000 cubic yards of soil export.

The backup generators are designed to start up quickly and run only as demand requires. All generators would be located outdoors in the equipment yard and would be surrounded by an acoustic screen wall. Generators would be placed in sound-attenuating enclosures. The generators would be laid out in one row and reach a height of approximately 20 feet to top of generator enclosure, and up to 40 feet to top of exhaust stack. Each generator would be provided with a 7,000-gallon sub-base fuel storage tank, equating to 24 hours of runtime in emergency conditions. 3-21 cont.

The heating, ventilation, and air conditioning ("HVAC") equipment would include 23 air cooled chillers with free cooling modules, each rated at 460-tons of capacity, in an N+1 redundancy configuration to support data hall operations.

The IS/MND claims that as formulated the Project would result in air quality impacts that are less than significant while failing to consider at least one major source of pollution on-site (the back-up generators). This conclusion is not supported by the data contained within the IS/MND and the City must fully evaluate the air quality impacts in an environmental impact report (EIR).

Specific Comments:

1. **The Claims Regarding Greenhouse Gas (GHG) Emissions Are Not Supported In The Appendices To The Air Quality Analysis And The GHG Analysis**

According to the IS/MND the operational or long-term emissions would occur over the life of the proposed Project. GHG emissions would result from area sources (consumer products, landscape maintenance equipment, and painting), vehicular traffic, and diesel fuel associated with the emergency generators. Operational GHG emissions would also result from indirect sources, such as off-site 3-22

generation of electrical power, the energy required to convey water to, and wastewater from the Project, the emissions associated with solid waste generated from the Project, and any fugitive refrigerants from air conditioning or refrigerators.

In the GHG analysis memorandum[1] it is stated that the Project electricity usage would be mainly from the operation of the data center. The stated purpose of a data center is to house computer servers, which require electricity and cooling 24 hours a day to operate. Based on data received from the Applicant, the Project during peak load conditions would have a demand of 49,999 kilowatts per hour (KW/h). The analysis assumes 24/7 operations (8,760 hours per year) which would result in a maximum electrical usage of 437,991 megawatt hours (MWh) per year, including CalEEMod default assumptions for lighting for surface parking. The modeling also conservatively assumed the 14 gen-sets, which are each capable of generating 4 megawatts (MW) of power, would be used for up to 50 hours per year per generator for testing and maintenance. The generators would utilize diesel fuel releasing diesel particulate matter (DPM), a known human carcinogen. The Air Quality Analysis (Appendix A-1 to IS/MND) states that the proposed Project would include up to 12 4-MW stationary emergency diesel generators upon loss of grid power.[2] The other two generators would be on stand-by in case of failure for one of the 12 assigned to the system. The Air Quality Analysis and GHG Analysis of the Project both rely on the CalEEMOD model to calculate emissions, and model outputs are included as attachments to the Air Quality and GHG analyses. A review of the CalEEMOD analyses outputs for the operational phase of the Project reveals that the analyses do not include the emergency generators. The failure to include the testing and maintenance for the 14 generators onsite means that the TAC emissions and NO_x emissions were not included in the operational analysis of the Project. Using the same input values for the construction and operational phases, but now including the 14 emergency generators, I have used the CalEEMOD model to calculate the operational emissions of the complete Project (attached to this letter). Based on a generator size of 5,376 brake horsepower (which would generate 4-MW of power), and limiting the operation to a total of 4.2 hours per month for all 14-generators, the model demonstrates that the generators would emit up to 166 lbs per day of NOx, exceeding the SCAQMD's significance threshold of 55 lbs per day.

3-22 cont.

3-23

[1] Appendix G to IS/MND. Pg 31
[2] Appendix A-1 to IS/MND pg 20

Table 5: Operational Greenhouse Gas Emissions Opening Year	
Emissions Source	**$MTCO_2e$ per Year[1]**
Amortized Construction Emissions	41
Area Source	5
Emergency Generators[2]	2,062
Mobile	80
Waste	70
Water and Wastewater	27
Refrigeration	0.1
Energy[3]	83,020
Total Emissions	85,305
1. Total values are from CalEEMod and may not add up due to rounding. 2. Emergency backup generator emissions calculated assuming 50 hours per year per generator (14 generators). 3. The servers in the data center were estimated to require approximately 50 MW of power per hour, and operations were conservatively estimated to be 8,760 hours per year. Total MW per year would be 437,991. Total CO_2e in tons per year would be 83,020. The Project does not include natural gas heaters or water heaters.	
Source: CalEEMod version 2022.1. Refer to **Attachment A** for model outputs.	

3-23 cont.

According to Table 5 from the GHG analysis, the emergency generators would generate 2,062 metric tons of carbon dioxide equivalent ($MTCO_{2eq}$) per year. While Table 5 attributes 2,062 $MTCO_2eq$ to emergency generators, this estimate is unsupported. The CalEEMod modeling provided in the IS/MND does not include emissions from the emergency generators and the City does not actually document how the 2,062 $MTCO_{2eq}$ value was derived. As I demonstrated in my own model, the generators will contribute significantly to the total pollutant emissions from the Project and this must be clearly detailed in an EIR for the Project.

2. The Operational Air Quality Analysis Fails To Consider The Direct Impacts Of Cooling The System While In Operation.

3-24

The operational air quality emissions estimate fails to include critical stationary sources required to cool the data center. As stated above, according to the IS/MND the heating, ventilation, and air conditioning ("HVAC") equipment would include 23 air cooled chillers with free cooling modules, each rated at 460-tons of capacity, in an N+1 redundancy configuration to support data hall operations. Figure 3 of the Air Quality Analysis shows that the cooling system will be rated for 550 tons. The CalEEMOD

analysis for operational emissions lists general office building under the refrigeration and air conditioning equipment. The GHG and Air Quality analyses assess the impacts of the Project based on the consumption of 50-MW per hour of energy and does not include a specific analysis of the amount of energy (and resulting pollution emissions) that would be required to maintain the cooling system for the data center. The model used in the CalEEMOD analysis assumed that the energy used to cool the data center would be equivalent to a typical air conditioning system for an office building. A recent paper by Zhu et al (2023) showed that refrigeration systems in Data Centers consume 35% of the energy utilized onsite. Based on the work from Zhu it is clear that the total energy need to maintain the 50 MW of energy required to operate the data center would have to be increased by 17.5 MW to cover the energy required to cool the data center (0.35 * 50 MW = 17.5 MW for cooling) The General Office Building setting in CalEEMOD clearly underestimates that energy consumption rate and resulting GHG and air pollutant emissions from the Project. The City must address this flaw in an EIR of the Project.

3-24 cont.

3. The IS/MND Fails To Model The Diesel Particulate Matter (DPM) Concentration From The Emergency Generators Onsite To The Closest Sensitive Receptor To The Site

According to the HRA prepared for the IS/MND, operational emissions from the Project would result from mobile sources (i.e., motor vehicle use) and area sources (such as the use of landscape maintenance equipment, consumer products, and architectural coatings). Toxic air contaminants (TACs) that would be emitted from those sources include benzene, 1,4-butadiene, acrolein, and diesel exhaust.

Diesel exhaust contains nearly 40 toxic substances, including TACs and may pose a serious public health risk for residents in the vicinity of the facility. TACs are airborne substances that are capable of causing short-term (acute) and/or long-term (chronic or carcinogenic, i.e., cancer causing) adverse human health effects (i.e., injury or illness). TACs include both organic and inorganic chemical substances. The current California list of TACs includes approximately 200 compounds, including particulate emissions from diesel-fueled engines.

3-25

Diesel exhaust has been linked to a range of serious health problems including an increase in respiratory disease, lung damage, cancer, and premature death. Fine DPM is deposited deep in the lungs in the smallest airways and can result in increased respiratory symptoms and disease; decreased lung function, particularly in children and individuals with asthma; alterations in lung tissue and respiratory

tract defense mechanisms; and premature death. Exposure to DPM increases the risk of lung cancer. It also causes non-cancer effects including chronic bronchitis, inflammation of lung tissue, thickening of the alveolar walls, immunological allergic reactions, and airway constriction. DPM is a TAC that is recognized by state and federal agencies as causing severe health risk because it contains toxic materials, unlike PM2.5 and PM10.

This *a priori* assumption regarding the sources of TACs in the HRA ignores a significant source of diesel particulate matter (DPM) emanating from the Project Site, the 14 emergency generators that will be present onsite. The failure to consider the DPM emissions from the generators is a major flaw in the air quality and health risk analyses.[3]

The Health Risk Analysis[4] for the IS/MND states that the Applicant will obtain Permits to Operate (PTO) from the SCAQMD prior to installation or operation of the emergency generators, which verifies that the generators meet the applicable Best Available Control Technology (BACT) requirements and comply with SCAQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines) and Rule 1401 (New Source Review of Toxic Air Contaminants), which would minimize TAC emissions.

3-25 cont.

Based on the Air Quality Analysis it was assumed that the testing and maintenance of the generators would be limited under the terms of SCAQMD operating permits to be obtained by the Applicant, to operate for a maximum of 4.2 hours each month[5] or approximately 18 minutes per month per generator. Permits from SCAQMD under Rule 1470 normally limit testing of each generator to 50 hours per year (in this case testing could be assumed to take up to 700 hours per year (14 generators * 50 hours per year)). 700 hours per year of diesel emergency generator operation would result in a significant air quality and health risk impacts from exposure to TAC emissions to nearby sensitive receptors.

If the City is proposing to limit the total testing of generators to 50 hours per year combined for all generators it must enter into a binding agreement with SCAQMD to ensure compliance with that requirement and include such limitations as a binding mitigation measure. The MND's assumptions regarding diesel emissions from generators and the resulting conclusions regarding health risk are not supported by substantial evidence. The City must re-analyze the Project impacts and present them in an EIR for the Project Site.

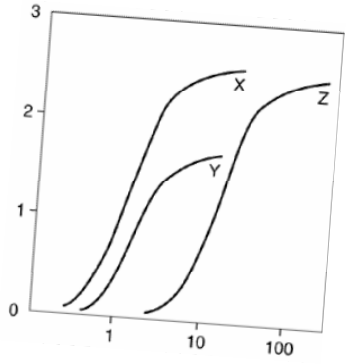
[3] ibid
[4] Appendix B to IS/MND pg 12
[5] Appendix A-1 to IS/MND pg 21

Conclusion

The facts identified and referenced in this comment letter lead me to conclude that the Project could result in significant unmitigated impacts if the air quality, GHG and health risk analyses are not corrected. 3-26

Sincerely,





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James J. J. Clark, Ph.D.

Principal Toxicologist

Toxicology/Exposure Assessment Modeling

Risk Assessment/Analysis/Dispersion Modeling

Education:

Ph.D., Environmental Health Science, University of California, 1995

M.S., Environmental Health Science, University of California, 1993

B.S., Biophysical and Biochemical Sciences, University of Houston, 1987

Professional Experience:

Dr. Clark is a well recognized toxicologist, air modeler, and health scientist. He has 20 years of experience in researching the effects of environmental contaminants on human health including environmental fate and transport modeling (SCREEN3, AEROMOD, ISCST3, Johnson-Ettinger Vapor Intrusion Modeling); exposure assessment modeling (partitioning of contaminants in the environment as well as PBPK modeling); conducting and managing human health risk assessments for regulatory compliance and risk-based clean-up levels; and toxicological and medical literature research.

Significant projects performed by Dr. Clark include the following:

LITIGATION SUPPORT

Case: James Harold Caygle, et al, v. Drummond Company, Inc. Circuit Court for the Tenth Judicial Circuit, Jefferson County, Alabama. Civil Action. CV-2009

Client: Environmental Litgation Group, Birmingham, Alabama

Dr. Clark performed an air quality assessment of emissions from a coke factory located in Tarrant, Alabama. The assessment reviewed include a comprehensive review of air quality standards, measured concentrations of pollutants from factory, an inspection of the facility and detailed assessment of the impacts on the community. The results of the assessment and literature have been provided in a declaration to the court.

Case Result: Settlement in favor of plaintiff.

Case: Rose Roper V. Nissan North America, et al. Superior Court of the State Of California for the County Of Los Angeles – Central Civil West. Civil Action. NC041739

Client: Rose, Klein, Marias, LLP, Long Beach, California

Dr. Clark performed a toxicological assessment of an individual occupationally exposed to multiple chemicals, including benzene, who later developed a respiratory distress. A review of the individual's medical and occupational history was performed to prepare an exposure assessment. The exposure assessment was evaluated against the known outcomes in published literature to exposure to respiratory irritants. The results of the assessment and literature have been provided in a declaration to the court.

Case Result: Settlement in favor of plaintiff.

Case: O'Neil V. Sherwin Williams, et al. United States District Court Central District of California

Client: Rose, Klein, Marias, LLP, Long Beach, California

Dr. Clark performed a toxicological assessment of an individual occupationally exposed to petroleum distillates who later developed a bladder cancer. A review of the individual's medical and occupational history was performed to prepare a quantitative exposure assessment. The results of the assessment and literature have been provided in a declaration to the court.

Case Result: Summary judgment for defendants.

Case: Moore V., Shell Oil Company, et al. Superior Court of the State Of California for the County Of Los Angeles

Client: Rose, Klein, Marias, LLP, Long Beach, California

Dr. Clark performed a toxicological assessment of an individual occupationally exposed to chemicals while benzene who later developed a leukogenic disease. A review of the individual's medical and occupational history was performed to prepare a quantitative exposure assessment. The exposure assessment was evaluated against the known outcomes in published literature to exposure to refined petroleum hydrocarbons. The results of the assessment and literature have been provided in a declaration to the court.

Case Result: Settlement in favor of plaintiff.

Case: Raymond Saltonstall V. Fuller O'Brien, KILZ, and Zinsser, et al. United States District Court Central District of California

Client: Rose, Klein, Marias, LLP, Long Beach, California

Dr. Clark performed a toxicological assessment of an individual occupationally exposed to benzene who later developed a leukogenic disease. A review of the individual's medical and occupational history was performed to prepare a quantitative exposure assessment. The exposure assessment was evaluated against the known outcomes in published literature to exposure to refined petroleum hydrocarbons. The results of the assessment and literature have been provided in a declaration to the court.

Case Result: Settlement in favor of plaintiff.

Case: Richard Boyer and Elizabeth Boyer, husband and wife, V. DESCO Corporation, et al. Circuit Court of Brooke County, West Virginia. Civil Action Number 04-C-7G.

Client: Frankovitch, Anetakis, Colantonio & Simon, Morgantown, West Virginia.

Dr. Clark performed a toxicological assessment of a family exposed to chlorinated solvents released from the defendant's facility into local drinking water supplies. A review of the individual's medical and occupational history was performed to prepare a qualitative exposure assessment. The exposure assessment was evaluated against the known outcomes in published literature to exposure to chlorinated solvents. The results of the assessment and literature have been provided in a declaration to the court.

Case Result: Settlement in favor of plaintiff.

Case: JoAnne R. Cook, V. DESCO Corporation, et al. Circuit Court of Brooke County, West Virginia. Civil Action Number 04-C-9R

Client: Frankovitch, Anetakis, Colantonio & Simon, Morgantown, West Virginia.

Dr. Clark performed a toxicological assessment of an individual exposed to chlorinated solvents released from the defendant's facility into local drinking water supplies. A review of the individual's medical and occupational history was performed to prepare a qualitative exposure assessment. The exposure assessment was evaluated against the known outcomes in published literature to exposure to chlorinated solvents. The results of the assessment and literature have been provided in a declaration to the court.

Case Result: Settlement in favor of plaintiff.

Case: Patrick Allen And Susan Allen, husband and wife, and Andrew Allen, a minor, V. DESCO Corporation, et al. Circuit Court of Brooke County, West Virginia. Civil Action Number 04-C-W

Client: Frankovitch, Anetakis, Colantonio & Simon, Morgantown, West Virginia.

Dr. Clark performed a toxicological assessment of a family exposed to chlorinated solvents released from the defendant's facility into local drinking water supplies. A review of the individual's medical and occupational history was performed to prepare a qualitative exposure assessment. The exposure assessment was evaluated against the known outcomes in published literature to exposure to chlorinated solvents. The results of the assessment and literature have been provided in a declaration to the court.

Case Result: Settlement in favor of plaintiff.

Case: Michael Fahey, Susan Fahey V. Atlantic Richfield Company, et al. United States District Court Central District of California Civil Action Number CV-06 7109 JCL.

Client: Rose, Klein, Marias, LLP, Long Beach, California

Dr. Clark performed a toxicological assessment of an individual occupationally exposed to refined petroleum hydrocarbons who later developed a leukogenic disease. A review of the individual's medical and occupational history was performed to prepare a qualitative exposure assessment. The exposure assessment was evaluated against the known outcomes in published literature to exposure to refined petroleum hydrocarbons. The results of the assessment and literature have been provided in a declaration to the court.

Case Result: Settlement in favor of plaintiff.

Case: Constance Acevedo, et al., V. California Spray-Chemical Company, et al., Superior Court of the State Of California, County Of Santa Cruz. Case No. CV 146344

Dr. Clark performed a comprehensive exposure assessment of community members exposed to toxic metals from a former lead arsenate manufacturing facility. The former manufacturing site had undergone a DTSC mandated removal action/remediation for the presence of the toxic metals at the site. Opinions were presented regarding the elevated levels of arsenic and lead (in attic dust and soils) found throughout the community and the potential for harm to the plaintiffs in question.

Case Result: Settlement in favor of defendant.

Case: Michael Nawrocki V. The Coastal Corporation, Kurk Fuel Company, Pautler Oil Service, State of New York Supreme Court, County of Erie, Index Number I2001-11247

Client: Richard G. Berger Attorney At Law, Buffalo, New York

Dr. Clark performed a toxicological assessment of an individual occupationally exposed to refined petroleum hydrocarbons who later developed a leukogenic disease. A review of the individual's medical and occupational history was performed to prepare a qualitative exposure assessment. The exposure assessment was evaluated against the

known outcomes in published literature to exposure to refined petroleum hydrocarbons. The results of the assessment and literature have been provided in a declaration to the court.

Case Result: Judgement in favor of defendant.

SELECTED AIR MODELING RESEARCH/PROJECTS

Client – Confidential

Dr. Clark performed a comprehensive evaluation of criteria pollutants, air toxins, and particulate matter emissions from a carbon black production facility to determine the impacts on the surrounding communities. The results of the dispersion model will be used to estimate acute and chronic exposure concentrations to multiple contaminants and will be incorporated into a comprehensive risk evaluation.

Client – Confidential

Dr. Clark performed a comprehensive evaluation of air toxins and particulate matter emissions from a railroad tie manufacturing facility to determine the impacts on the surrounding communities. The results of the dispersion model have been used to estimate acute and chronic exposure concentrations to multiple contaminants and have been incorporated into a comprehensive risk evaluation.

Client – Los Angeles Alliance for a New Economy (LAANE), Los Angeles, California

Dr. Clark is advising the LAANE on air quality issues related to current flight operations at the Los Angeles International Airport (LAX) operated by the Los Angeles World Airport (LAWA) Authority. He is working with the LAANE and LAX staff to develop a comprehensive strategy for meeting local community concerns over emissions from flight operations and to engage federal agencies on the issue of local impacts of community airports.

Client – City of Santa Monica, Santa Monica, California

Dr. Clark is advising the City of Santa Monica on air quality issues related to current flight operations at the facility. He is working with the City staff to develop a comprehensive strategy for meeting local community concerns over emissions from flight operations and to engage federal agencies on the issue of local impacts of community airports.

Client: Omnitrans, San Bernardino, California

Dr. Clark managed a public health survey of three communities near transit fueling facilities in San Bernardino and Montclair California in compliance with California Senate Bill 1927. The survey included an epidemiological survey of the effected communities, emission surveys of local businesses, dispersion modeling to determine potential emission concentrations within the communities, and a comprehensive risk assessment of each community. The results of the study were presented to the Governor as mandated by Senate Bill 1927.

Client: Confidential, San Francisco, California

Summarized cancer types associated with exposure to metals and smoking. Researched the specific types of cancers associated with exposure to metals and smoking. Provided causation analysis of the association between cancer types and exposure for use by non-public health professionals.

Client: Confidential, Minneapolis, Minnesota

Prepared human health risk assessment of workers exposed to VOCs from neighboring petroleum storage/transport facility. Reviewed the systems in place for distribution of petroleum hydrocarbons to identify chemicals of concern (COCs), prepared comprehensive toxicological summaries of COCs, and quantified potential risks from carcinogens and non-carcinogens to receptors at or adjacent to site. This evaluation was used in the support of litigation.

Client – United Kingdom Environmental Agency

Dr. Clark is part of team that performed comprehensive evaluation of soil vapor intrusion of VOCs from former landfill adjacent residences for the United Kingdom's Environment

Agency. The evaluation included collection of liquid and soil vapor samples at site, modeling of vapor migration using the Johnson Ettinger Vapor Intrusion model, and calculation of site-specific health based vapor thresholds for chlorinated solvents, aromatic hydrocarbons, and semi-volatile organic compounds. The evaluation also included a detailed evaluation of the use, chemical characteristics, fate and transport, and toxicology of chemicals of concern (COC). The results of the evaluation have been used as a briefing tool for public health professionals.

EMERGING/PERSISTENT CONTAMINANT RESEARCH/PROJECTS

Client: Ameren Services, St. Louis, Missouri

Managed the preparation of a comprehensive human health risk assessment of workers and residents at or near an NPL site in Missouri. The former operations at the Property included the servicing and repair of electrical transformers, which resulted in soils and groundwater beneath the Property and adjacent land becoming impacted with PCB and chlorinated solvent compounds. The results were submitted to U.S. EPA for evaluation and will be used in the final ROD.

Client: City of Santa Clarita, Santa Clarita, California

Dr. Clark is managing the oversight of the characterization, remediation and development activities of a former 1,000 acre munitions manufacturing facility for the City of Santa Clarita. The site is impacted with a number of contaminants including perchlorate, unexploded ordinance, and volatile organic compounds (VOCs). The site is currently under a number of regulatory consent orders, including an Immanent and Substantial Endangerment Order. Dr. Clark is assisting the impacted municipality with the development of remediation strategies, interaction with the responsible parties and stakeholders, as well as interfacing with the regulatory agency responsible for oversight of the site cleanup.

Client: Confidential, Los Angeles, California

Prepared comprehensive evaluation of perchlorate in environment. Dr. Clark evaluated the production, use, chemical characteristics, fate and transport, toxicology, and remediation of perchlorate. Perchlorates form the basis of solid rocket fuels and have recently been detected in water supplies in the United States. The results of this research

were presented to the USEPA, National GroundWater, and ultimately published in a recent book entitled *Perchlorate in the Environment.*

Client – Confidential, Los Angeles, California

Dr. Clark is performing a comprehensive review of the potential for pharmaceuticals and their by-products to impact groundwater and surface water supplies. This evaluation will include a review if available data on the history of pharmaceutical production in the United States; the chemical characteristics of various pharmaceuticals; environmental fate and transport; uptake by xenobiotics; the potential effects of pharmaceuticals on water treatment systems; and the potential threat to public health. The results of the evaluation may be used as a briefing tool for non-public health professionals.

PUBLIC HEALTH/TOXICOLOGY

Client: Brayton Purcell, Novato, California

Dr. Clark performed a toxicological assessment of residents exposed to methyl-tertiary butyl ether (MTBE) from leaking underground storage tanks (LUSTs) adjacent to the subject property. The symptomology of residents and guests of the subject property were evaluated against the known outcomes in published literature to exposure to MTBE. The study found that residents had been exposed to MTBE in their drinking water; that concentrations of MTBE detected at the site were above regulatory guidelines; and, that the symptoms and outcomes expressed by residents and guests were consistent with symptoms and outcomes documented in published literature.

Client: Confidential, San Francisco, California

Identified and analyzed fifty years of epidemiological literature on workplace exposures to heavy metals. This research resulted in a summary of the types of cancer and non-cancer diseases associated with occupational exposure to chromium as well as the mortality and morbidity rates.

Client: Confidential, San Francisco, California

Summarized major public health research in United States. Identified major public health research efforts within United States over last twenty years. Results were used as a briefing tool for non-public health professionals.

Client: Confidential, San Francisco, California

Quantified the potential multi-pathway dose received by humans from a pesticide applied indoors. Part of team that developed exposure model and evaluated exposure concentrations in a comprehensive report on the plausible range of doses received by a specific person. This evaluation was used in the support of litigation.

Client: Covanta Energy, Westwood, California

Evaluated health risk from metals in biosolids applied as soil amendment on agricultural lands. The biosolids were created at a forest waste cogeneration facility using 96% whole tree wood chips and 4 percent green waste. Mass loading calculations were used to estimate Cr(VI) concentrations in agricultural soils based on a maximum loading rate of 40 tons of biomass per acre of agricultural soil. The results of the study were used by the Regulatory agency to determine that the application of biosolids did not constitute a health risk to workers applying the biosolids or to residences near the agricultural lands.

Client – United Kingdom Environmental Agency

Oversaw a comprehensive toxicological evaluation of methyl-*tertiary* butyl ether (M*t*BE) for the United Kingdom's Environment Agency. The evaluation included available data on the production, use, chemical characteristics, fate and transport, toxicology, and remediation of M*t*BE. The results of the evaluation have been used as a briefing tool for public health professionals.

Client – Confidential, Los Angeles, California

Prepared comprehensive evaluation of *tertiary* butyl alcohol (TBA) in municipal drinking water system. TBA is the primary breakdown product of M*t*BE, and is suspected to be the primary cause of M*t*BE toxicity. This evaluation will include available information on the production, use, chemical characteristics, fate and transport in the environment, absorption, distribution, routes of detoxification, metabolites, carcinogenic potential, and remediation of TBA. The results of the evaluation were used as a briefing tool for non-public health professionals.

Client – Confidential, Los Angeles, California

Prepared comprehensive evaluation of methyl *tertiary* butyl ether (MTBE) in municipal drinking water system. MTBE is a chemical added to gasoline to increase the octane

rating and to meet Federally mandated emission criteria. The evaluation included available data on the production, use, chemical characteristics, fate and transport, toxicology, and remediation of MTBE. The results of the evaluation have been were used as a briefing tool for non-public health professionals.

Client – Ministry of Environment, Lands & Parks, British Columbia

Dr. Clark assisted in the development of water quality guidelines for methyl tertiary-butyl ether (MTBE) to protect water uses in British Columbia (BC). The water uses to be considered includes freshwater and marine life, wildlife, industrial, and agricultural (e.g., irrigation and livestock watering) water uses. Guidelines from other jurisdictions for the protection of drinking water, recreation and aesthetics were to be identified.

Client: Confidential, Los Angeles, California

Prepared physiologically based pharmacokinetic (PBPK) assessment of lead risk of receptors at middle school built over former industrial facility. This evaluation is being used to determine cleanup goals and will be basis for regulatory closure of site.

Client: Kaiser Venture Incorporated, Fontana, California

Prepared PBPK assessment of lead risk of receptors at a 1,100-acre former steel mill. This evaluation was used as the basis for granting closure of the site by lead regulatory agency.

RISK ASSESSMENTS/REMEDIAL INVESTIGATIONS

Client: Confidential, Atlanta, Georgia

Researched potential exposure and health risks to community members potentially exposed to creosote, polycyclic aromatic hydrocarbons, pentachlorophenol, and dioxin compounds used at a former wood treatment facility. Prepared a comprehensive toxicological summary of the chemicals of concern, including the chemical characteristics, absorption, distribution, and carcinogenic potential. Prepared risk characterization of the carcinogenic and non-carcinogenic chemicals based on the exposure assessment to quantify the potential risk to members of the surrounding community. This evaluation was used to help settle class-action tort.

Client: Confidential, Escondido, California

Prepared comprehensive Preliminary Endangerment Assessment (PEA) of dense non-aqueous liquid phase hydrocarbon (chlorinated solvents) contamination at a former printed circuit board manufacturing facility. This evaluation was used for litigation support and may be used as the basis for reaching closure of the site with the lead regulatory agency.

Client: Confidential, San Francisco, California

Summarized epidemiological evidence for connective tissue and autoimmune diseases for product liability litigation. Identified epidemiological research efforts on the health effects of medical prostheses. This research was used in a meta-analysis of the health effects and as a briefing tool for non-public health professionals.

Client: Confidential, Bogotá, Columbia

Prepared comprehensive evaluation of the potential health risks associated with the redevelopment of a 13.7 hectares plastic manufacturing facility in Bogotá, Colombia The risk assessment was used as the basis for the remedial goals and closure of the site.

Client: Confidential, Los Angeles, California

Prepared comprehensive human health risk assessment of students, staff, and residents potentially exposed to heavy metals (principally cadmium) and VOCs from soil and soil vapor at 12-acre former crude oilfield and municipal landfill. The site is currently used as a middle school housing approximately 3,000 children. The evaluation determined that the site was safe for the current and future uses and was used as the basis for regulatory closure of site.

Client: Confidential, Los Angeles, California

Managed remedial investigation (RI) of heavy metals and volatile organic chemicals (VOCs) for a 15-acre former manufacturing facility. The RI investigation of the site included over 800 different sampling locations and the collection of soil, soil gas, and groundwater samples. The site is currently used as a year round school housing approximately 3,000 children. The Remedial Investigation was performed in a manner

that did not interrupt school activities and met the time restrictions placed on the project by the overseeing regulatory agency. The RI Report identified the off-site source of metals that impacted groundwater beneath the site and the sources of VOCs in soil gas and groundwater. The RI included a numerical model of vapor intrusion into the buildings at the site from the vadose zone to determine exposure concentrations and an air dispersion model of VOCs from the proposed soil vapor treatment system. The Feasibility Study for the Site is currently being drafted and may be used as the basis for granting closure of the site by DTSC.

Client: Confidential, Los Angeles, California

Prepared comprehensive human health risk assessment of students, staff, and residents potentially exposed to heavy metals (principally lead), VOCs, SVOCs, and PCBs from soil, soil vapor, and groundwater at 15-acre former manufacturing facility. The site is currently used as a year round school housing approximately 3,000 children. The evaluation determined that the site was safe for the current and future uses and will be basis for regulatory closure of site.

Client: Confidential, Los Angeles, California

Prepared comprehensive evaluation of VOC vapor intrusion into classrooms of middle school that was former 15-acre industrial facility. Using the Johnson-Ettinger Vapor Intrusion model, the evaluation determined acceptable soil gas concentrations at the site that did not pose health threat to students, staff, and residents. This evaluation is being used to determine cleanup goals and will be basis for regulatory closure of site.

Client –Dominguez Energy, Carson, California

Prepared comprehensive evaluation of the potential health risks associated with the redevelopment of 6-acre portion of a 500-acre oil and natural gas production facility in Carson, California. The risk assessment was used as the basis for closure of the site.

Kaiser Ventures Incorporated, Fontana, California

Prepared health risk assessment of semi-volatile organic chemicals and metals for a fifty-year old wastewater treatment facility used at a 1,100-acre former steel mill. This evaluation was used as the basis for granting closure of the site by lead regulatory agency.

ANR Freight - Los Angeles, California

Prepared a comprehensive Preliminary Endangerment Assessment (PEA) of petroleum hydrocarbon and metal contamination of a former freight depot. This evaluation was as the basis for reaching closure of the site with lead regulatory agency.

Kaiser Ventures Incorporated, Fontana, California

Prepared comprehensive health risk assessment of semi-volatile organic chemicals and metals for 23-acre parcel of a 1,100-acre former steel mill. The health risk assessment was used to determine clean up goals and as the basis for granting closure of the site by lead regulatory agency. Air dispersion modeling using ISCST3 was performed to determine downwind exposure point concentrations at sensitive receptors within a 1 kilometer radius of the site. The results of the health risk assessment were presented at a public meeting sponsored by the Department of Toxic Substances Control (DTSC) in the community potentially affected by the site.

Unocal Corporation - Los Angeles, California

Prepared comprehensive assessment of petroleum hydrocarbons and metals for a former petroleum service station located next to sensitive population center (elementary school). The assessment used a probabilistic approach to estimate risks to the community and was used as the basis for granting closure of the site by lead regulatory agency.

Client: Confidential, Los Angeles, California

Managed oversight of remedial investigation most contaminated heavy metal site in California. Lead concentrations in soil excess of 68,000,000 parts per billion (ppb) have been measured at the site. This State Superfund Site was a former hard chrome plating operation that operated for approximately 40-years.

Client: Confidential, San Francisco, California

Coordinator of regional monitoring program to determine background concentrations of metals in air. Acted as liaison with SCAQMD and CARB to perform co-location sampling and comparison of accepted regulatory method with ASTM methodology.

Client: Confidential, San Francisco, California

Analyzed historical air monitoring data for South Coast Air Basin in Southern California and potential health risks related to ambient concentrations of carcinogenic metals and volatile organic compounds. Identified and reviewed the available literature and calculated risks from toxins in South Coast Air Basin.

IT Corporation, North Carolina

Prepared comprehensive evaluation of potential exposure of workers to air-borne VOCs at hazardous waste storage facility under SUPERFUND cleanup decree. Assessment used in developing health based clean-up levels.

Professional Associations

American Public Health Association (APHA)
Association for Environmental Health and Sciences (AEHS)
American Chemical Society (ACS)
California Redevelopment Association (CRA)
International Society of Environmental Forensics (ISEF)
Society of Environmental Toxicology and Chemistry (SETAC)

Publications and Presentations:

Books and Book Chapters

Sullivan, P., **J.J. J. Clark,** F.J. Agardy, and P.E. Rosenfeld. (2007). *Synthetic Toxins In The Food, Water and Air of American Cities*. Elsevier, Inc. Burlington, MA.

Sullivan, P. and **J.J. J. Clark**. 2006. *Choosing Safer Foods, A Guide To Minimizing Synthetic Chemicals In Your Diet*. Elsevier, Inc. Burlington, MA.

Sullivan, P., Agardy, F.J., and **J.J.J. Clark**. 2005. *The Environmental Science of Drinking Water*. Elsevier, Inc. Burlington, MA.

Sullivan, P.J., Agardy, F.J., **Clark, J.J.J.** 2002. *America's Threatened Drinking Water: Hazards and Solutions*. Trafford Publishing, Victoria B.C.

Clark, J.J.J. 2001. "TBA: Chemical Properties, Production & Use, Fate and Transport, Toxicology, Detection in Groundwater, and Regulatory Standards" in *Oxygenates in the Environment.* Art Diaz, Ed.. Oxford University Press: New York.

Clark, J.J.J. 2000. "Toxicology of Perchlorate" in *Perchlorate in the Environment.* Edward Urbansky, Ed. Kluwer/Plenum: New York.

Clark, J.J.J. 1995. Probabilistic Forecasting of Volatile Organic Compound Concentrations At The Soil Surface From Contaminated Groundwater. UMI.

Baker, J.; **Clark, J.J.J.**; Stanford, J.T. 1994. Ex Situ Remediation of Diesel Contaminated Railroad Sand by Soil Washing. Principles and Practices for Diesel Contaminated Soils, Volume III. P.T. Kostecki, E.J. Calabrese, and C.P.L. Barkan, eds. Amherst Scientific Publishers, Amherst, MA. pp 89-96.

Journal and Proceeding Articles

Tam L. K.., Wu C. D., Clark J. J. and **Rosenfeld, P.E.** (2008) A Statistical Analysis Of Attic Dust And Blood Lipid Concentrations Of Tetrachloro-p-Dibenzodioxin (TCDD) Toxicity Equialency Quotients (TEQ) In Two Populations Near Wood Treatment Facilities. Organohalogen Compounds, Volume 70 (2008) page 002254.

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Hensley A.R., Scott, A., Rosenfeld P.E., **Clark, J.J.J.** 2006. "Dioxin Containing Attic Dust And Human Blood Samples Collected Near A Former Wood Treatment Facility." The 26th International Symposium on Halogenated Persistent Organic Pollutants – DIOXIN2006, August 21 – 25, 2006. Radisson SAS Scandinavia Hotel in Oslo Norway.

Rosenfeld, P.E., **Clark, J. J.** and Suffet, I.H. 2005. "The Value Of An Odor Quality Classification Scheme For Compost Facility Evaluations" The U.S. Composting Council's 13th Annual Conference January 23 - 26, 2005, Crowne Plaza Riverwalk, San Antonio, TX.

Rosenfeld, P.E., **Clark, J. J.** and Suffet, I.H. 2004. "The Value Of An Odor Quality Classification Scheme For Urban Odor" WEFTEC 2004. 77th Annual Technical Exhibition & Conference October 2 - 6, 2004, Ernest N. Morial Convention Center, New Orleans, Louisiana.

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Clark, J.J.J., Brown A. 1999. Perchlorate Contamination: Fate in the Environment and Treatment Options. In Situ and On-Site Bioremediation, Fifth International Symposium. San Diego, CA, April, 1999.

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Browne, T., **Clark, J.J.J.** 1998. Treatment Options For Perchlorate In Drinking Water. Proceedings From the Groundwater Resource Association Seventh Annual Meeting, Walnut Creek, CA, October 23, 1998.

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EXHIBIT B

WILSON IHRIG
ACOUSTICS, NOISE & VIBRATION

CALIFORNIA
WASHINGTON
NEW YORK

WI #24-001.61

December 2, 2024

Richard M. Franco, Esquire
Adams Broadwell Joseph & Cardozo
601 Gateway Boulevard, Suite 1000
South San Francisco, California 94080

SUBJECT: 1977 Saturn Data Center Project Mitigated Negative Declaration, Comments on the Noise and Vibration Analysis

Dear Mr. Franco,

Per your request, I have reviewed the subject matter documents for the 1977 Saturn Data Center Project (Project) Mitigated Negative Declaration (MND) in Monterey Park, California. The MND includes a Noise and Vibration Analysis Memorandum as Appendix J (Noise Memo). The project would demolish existing structures and construct a one story building.

Wilson Ihrig, Acoustical Consultants, has practiced exclusively in the field of acoustics since 1966. During our 58 years of operation, we have prepared hundreds of noise studies for Environmental Impact Reports and Statements. We have one of the largest technical laboratories in the acoustical consulting industry. We also utilize industry-standard acoustical programs such as Roadway Construction Noise Model (RCNM), SoundPLAN, and CADNA. In short, we are well qualified to prepare environmental noise studies and review studies prepared by others.

3-28

Adverse Effects of Noise[1]

Noise-Induced Hearing Loss. If a person is repeatedly exposed to loud noises, he or she may experience noise-induced hearing impairment or loss. In the United States, both the Occupational Health and Safety Administration (OSHA) and the National Institute for Occupational Safety and Health (NIOSH) promote standards and regulations to protect the hearing of people exposed to high levels of industrial noise.

3-29

Speech Interference. Another common problem associated with noise is speech interference. In addition to the obvious issues that may arise from misunderstandings, speech interference also leads to problems with concentration fatigue, irritation, decreased working capacity, and automatic stress reactions. For complete speech intelligibility, the sound level of the speech should be 15 to 18 dBA higher than the background noise. Typical indoor speech levels are 45 to 50 dBA at 1 meter, so any

[1] More information on these and other adverse effects of noise may be found in *Guidelines for Community Noise*, eds B Berglund, T Lindvall, and D Schwela, World Health Organization, Geneva, Switzerland, 1999. (https://www.who.int/docstore/peh/noise/Comnoise-1.pdf)

noise above 30 dBA begins to interfere with speech intelligibility. The common reaction to higher background noise levels is to raise one's voice. If this is required persistently for long periods of time, stress reactions and irritation will likely result.

Sleep Disturbance. Noise can disturb sleep by making it more difficult to fall asleep, by waking someone after they are asleep, or by altering their sleep stage, e.g., reducing the amount of rapid eye movement (REM) sleep. Noise exposure for people who are sleeping has also been linked to increased blood pressure, increased heart rate, increase in body movements, and other physiological effects. Not surprisingly, people whose sleep is disturbed by noise often experience secondary effects such as increased fatigue, depressed mood, and decreased work performance.

Cardiovascular and Physiological Effects. Human's bodily reactions to noise are rooted in the "fight or flight" response that evolved when many noises signaled imminent danger. These include increased blood pressure, elevated heart rate, and vasoconstriction. Prolonged exposure to acute noises can result in permanent effects such as hypertension and heart disease.

Impaired Cognitive Performance. Studies have established that noise exposure impairs people's abilities to perform complex tasks (tasks that require attention to detail or analytical processes), and it makes reading, paying attention, solving problems, and memorizing more difficult. Therefore, there are standards for classroom background noise levels, which is why offices and libraries are designed to provide quiet work environments. One societal change brought about by the COVID-19 pandemic is that many people now routinely work and learn from home, and this has given rise to more noise complaints from loud daytime activities such as construction work.

3-29 cont.

Errors and Omissions

The MND and Noise Memo contain several errors and omits several items. Several of these items are explored in more detail following this list:

1. The MND does not identify the noise metrics used for the existing noise data. The Noise Memo describes several different metrics, and it not clear which ones are being used to present the existing noise in Table 4.13-2. In order to use this data to adjust the City's noise ordinance for the measured noise level, this should be the **L_{50}, or median noise** level, however Table 4.13-6 references these values as L_{eq}, and the construction noise analysis uses L_{eq}. L_{50} and L_{eq} are not the same metric; the L_{eq} can be very similar to L_{50}, but it is often several decibels higher. Using the proper median value would result in significant impacts.

2. For the purposes of CEQA, the MND must provide an analysis of potentially significant impacts. Therefore, the existing noise in Table 4.13-2 must show the range of the median noise level (L_{50}) derived on an hourly basis during daytime and nighttime periods, and the minimum values must be used to evaluate potentially significant impacts.

3-30

3. The noise analysis neglects to take into account the tonal penalty that the City applies to noise equipment (such as chillers and generators). This is an error, and the noise limits shown in Table 4.13-6 must reflect a lower noise limit reduced by 5 dBA. As described below, using the correct noise limit would result in significant noise impacts.

3-31

4. The Noise Memo does not provide evidence to document the source of the Project's rooftop equipment noise emission levels. The MND states that 23 rooftop chillers and 14 emergency

3-32

generators will be utilized (p. 10). The Noise Memo does not identify the source of the reference sound power levels used in its analysis for HVAC rooftop equipment and it lacks sound power data for the generators. The failure to identify the HVAC and generator sound power data makes it impossible to evaluate the Noise Memo's conclusions regarding operational noise impacts. The MND's conclusions that the project will not cause significant noise impact is therefore not supported by substantial evidence. 3-32 cont.

5. The construction noise analysis erroneously relies on FTA guidance criteria without taking into account the existing noise environment. The FTA guidance states, "Project construction noise criteria should account for the existing noise environment, the absolute noise levels during construction activities, the duration of the construction, and the adjacent land use." 3-33

For the purposes of CEQA, the closest distances must be used to identify potentially significant noise impacts.

Item #3 Mechanical Equipment Noise Levels Would Be Significant

Table 4.13-6 contains two errors: 1) the Ambient noise level referenced must be the median noise level, L50, not the Leq, 2) the noise limit must be lowered by 5 dBA as noted above. Furthermore, for the purposes of CEQA and an MND analysis, the ambient median noise levels referenced should be reflective of the lowest values in the daytime and nighttime periods.

As shown, with these errors, the mechanical equipment noise would exceed the noise limits during the nighttime hours at the residences to the west, and at the northeastern residences the noise limits would be exceeded during the daytime and nighttime hours. See Figure 1. Since the L50 is less than the Leq, the actual quiet range of the median levels should be even lower than shown in the MND Table 4.13-6, which could result in significant noise impacts for daytime hours. 3-34

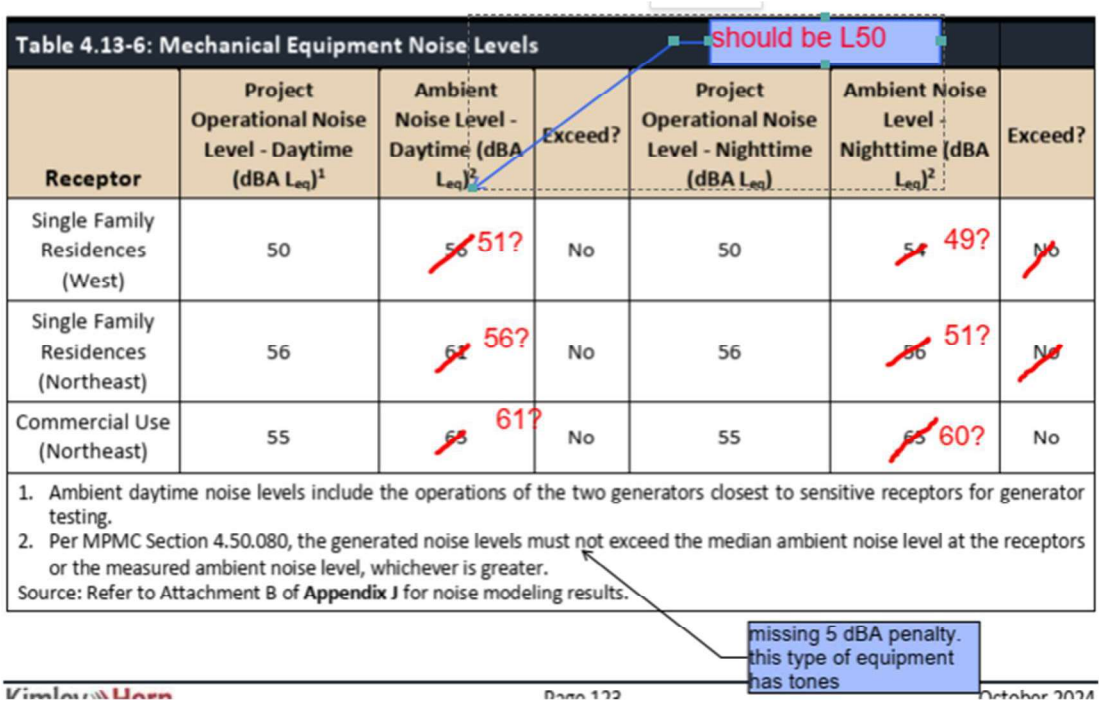


Table 4.13-6: Mechanical Equipment Noise Levels

Receptor	Project Operational Noise Level - Daytime (dBA L_{eq})[1]	Ambient Noise Level - Daytime (dBA L_{eq})[2]	Exceed?	Project Operational Noise Level - Nighttime (dBA L_{eq})	Ambient Noise Level - Nighttime (dBA L_{eq})[2]	Exceed?
Single Family Residences (West)	50	~~56~~ 51?	No	50	~~54~~ 49?	~~No~~
Single Family Residences (Northeast)	56	~~61~~ 56?	No	56	~~56~~ 51?	~~No~~
Commercial Use (Northeast)	55	~~65~~ 61?	No	55	~~65~~ 60?	No

1. Ambient daytime noise levels include the operations of the two generators closest to sensitive receptors for generator testing.
2. Per MPMC Section 4.50.080, the generated noise levels must not exceed the median ambient noise level at the receptors or the measured ambient noise level, whichever is greater.

Source: Refer to Attachment B of **Appendix J** for noise modeling results.

Figure 1 Markup of Table 4.13-6 from MND – MND Omits Generator Noise

Item #4 Generator Mechanical Equipment Noise Levels Would Be Significant

The results Table 4.13-6 cannot be verified since the source power levels for the chillers and RTUs are not provided in the Noise Memo. Furthermore, the noise from generators was not evaluated citing an "emergency" exemption. However, given the challenges with the California power grid and wildfire in recent years, a power outage could occur at the Project site that would not be considered a local "emergency". Therefore, for purposes of CEQA the noise from 12 simultaneously operating generators must be included. The sound from the generators could be the same or higher than the chillers and RTUs, and the combined operation of all mechanical equipment could be 3 dBA or more than shown in Table 4.13-6 (replicated above in Figure 1). Generators can be provided with sound reducing enclosures, and these must be included as mitigation.

3-35

Item #5 Construction Noise Impacts Would Be Significant

If the ambient L_{eq} are what is shown in Table 4.13-2, based on the discussions above, the ambient noise levels at residential areas ranges from 55 to 60 dBA, and the FTA 80 dBA noise threshold for residential shown in Table 4.13-5 would be 20 to 25 dBA higher than the ambient. This would be experienced as noise that is more than four times the existing environment, and it would be a significant impact. Allowing construction noise to exceed the ambient by more than 10 dBA would interfere with speech at neighboring properties. For purposes of CEQA and the MND, the construction analysis must also consider the construction noise from activities near the property line; the noise from these activities would be higher than those shown in Table 4.13-5 which were calculated at distances from the "main activity center". The Noise Memo provides that Sensitive Receptors in single family residences are 65 feet west of the Project site (Table 3). But, based on review of the MND's Figure 2-2 Local Vicinity Map, it is clear that the Project site directly abuts the residence at 2204 Iris Way, and may be as close as 20 feet from the construction zone on the Project site. Construction noise closer to the property line will result in significant noise impacts to nearby sensitive receptors, which will be more severe than analyzed in the MND. These significant impacts would require mitigation, such as sound walls and a construction noise plan. It is possible that some of these potentially significant impacts could not be mitigated below the level of significance, in which case an EIR must be provided.

3-36

Conclusions

The noise analysis for MND contains substantial omissions and errors. Correcting these issues would identify that Project would generate additional significant noise impacts and warrant an Environmental Impact Report (EIR) that includes mitigation measures to manage the anticipated impacts and full disclosure of any impacts that would remain significant.

3-37

Please feel free to contact me with any questions on this information.

Very truly yours,

WILSON IHRIG

Deborah Jue
Signer ID: IDIQFOL113...

Deborah A. Jue, INCE-USA
Principal

WILSON IHRIG
ACOUSTICS, NOISE & VIBRATION



DEBORAH JUE

Principal

Since joining Wilson Ihrig in 1990, Ms. Jue has been involved in with many projects from environmental assessments and entitlements, through design development, construction documents and construction administration support. As an acoustical consultant, she has provided noise measurement, analysis and recommendations to control noise and vibration both at the interior of the project and at the neighboring properties. She has authored many reports concerning compliance with the requirements of California Noise Insulation Standards, Title 24, local Noise Elements, environmental assessments and Federal noise criteria, and is well aware of the additional design and construction technique requirements to achieve industry standards. Ms. Jue has authored or provided input for many environmental documents and technical studies in accordance with NEPA and California's CEQA regulations, most of them related to surface transportation, and she gives presentations to public officials when necessary to explain construction noise problems, noise mitigation goals, and noise control methods. She can develop construction noise and vibration criteria to address vibration damage potential to nearby buildings and sensitive structures, and vibration annoyance or disruption potential for occupants of nearby buildings.

Education

- M.S. in Mechanical Engineering, University of California, Berkeley, 1998
- B.S. in General Engineering: Acoustics, Stanford University, 1988

Professional Associations (Member)

- American Society of Mechanical Engineers
- Acoustical Society of America
- National Council of Acoustical Consultants
- Institute of Noise Control Engineering
- WTS
- Transportation Research Board, AEP80 Standing Committee Member (2021-2024)

Research and Published Papers

- ACRP Report 175, ACRP 07-14, *Improving Intelligibility of Airport Terminal Public Address Systems*
- NCHRP 25-25, *Current Practices to Address Construction Vibration and Potential Effects to Historic Buildings Adjacent to Transportation Projects*
- *Transportation Research Record*, V. 2502, "Considerations to Establish Ground-Borne Noise Criteria to Define Mitigation for Noise-Sensitive Spaces"

Relevant Experience

- California High Speed Rail Caltrain Corridor EIR/EIS, San Francisco to San Jose
- UC Berkeley Northgate Hall A/V Renovations, Berkeley
- MacArthur Station, *long-term construction noise and vibration monitoring*, Oakland
- Safeway @ Claremont & College, *HVAC noise and construction noise monitoring*, Oakland
- ACTC I-80/Ashby, *interchange traffic noise analysis*, Berkeley and Emeryville
- ACTC I-680 Express Lanes, *traffic noise analysis*, Contra Costa County, CA
- Chase Arena, *construction noise and vibration monitoring*, San Francisco

California
Department of Conservation
Geologic Energy Management Division

Gavin Newsom, Governor
Gabe Tiffany, Acting Director

December 2, 2024

VIA EMAIL

City of Monterey Park
Beth Chow, AICP, Planning Manager
320 West Newmark Avenue
Monterey Park, CA 91754
Email: bchow@montereypark.ca.gov

Dear Ms. Chow:

MITIGATED NEGATIVE DECLARATION (MND)
1977 SATURN DATA CENTER PROJECT
SCH: NO. 2024101397

The Department of Conservation's Geologic Energy Management Division (Division) has reviewed the above-referenced project for impacts with Division jurisdictional authority. The Division supervises the drilling, maintenance, and plugging and abandonment of oil, gas, and geothermal wells in California. The Division offers the following comments for your consideration. 4-1

The project area is in Los Angeles County and lies outside any designated oil field. However, based on the Division's online "Well Finder" application, an abandoned well, the "Monterey Park" 1 (API #03720192), is located within the footprint of the proposed new 1-story data center building. The Division's Construction Site Well Review Program should be contacted to review the status of this well. Division information can be found at: www.conservation.ca.gov. Individual well records are also available on the Division's web site, or by emailing CalGEMSouthern@conservation.ca.gov. 4-2

The scope and content of information that is germane to the Division's responsibility are contained in Section 3000 et seq. of the Public Resources Code, and administrative regulations under Title 14, Division 2, Chapters 2, 3 and 4 of the California Code of Regulations.

If any wells, including any plugged, abandoned or unrecorded wells, are damaged or uncovered during excavation or grading, remedial plugging operations may be required. If such damage or discovery occurs, the Division's district office must be contacted to obtain information on the requirements and approval to perform remedial operations. 4-3

The possibility for future problems from oil and gas wells that have been plugged and abandoned, or reabandoned, to the Division's current specifications are remote. However, the Division recommends that a diligent effort be made to avoid building over any plugged and abandoned well.

4-3 cont.

Questions regarding the Division's Construction Site Well Review Program can be addressed to the local Division's office in Long Beach by emailing CalGEMSouthern@conservation.ca.gov or by calling (562) 637-4400.

Sincerely,

Curtis M. Welty, PG
Associate Oil and Gas Engineer

cc: Governor's Office of Planning and Research, State Clearinghouse Unit
Email: state.clearinghouse@opr.ca.gov

Office of Legislative and Regulatory Affairs
Email: OLRA@conservation.ca.gov

Jan Perez, CalGEM CEQA Unit
Email: Jan.Perez@conservation.ca.gov

Environmental CEQA File

South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

SENT VIA E-MAIL:
bchow@montereypark.ca.gov
Beth Chow, AICP, Planning Manager
City of Monterey Park
320 West Newmark Avenue
Monterey Park, CA 91754

December 3, 2024

Notice of Availability of a Draft Initial Study/Mitigated Negative Declaration for the 1977 Saturn Data Center Project (Proposed Project) (SCH No. 2024101397)

South Coast Air Quality Management District (South Coast AQMD) staff appreciate the opportunity to review the above-mentioned document. The City of Monterey Park is the California Environmental Quality Act (CEQA) Lead Agency for the Proposed Project. To provide context, South Coast AQMD staff has provided a brief summary of the project information and prepared the following comments which are organized by topic of concern. 5-1

Summary of Proposed Project Information in the MND

Based on the Draft Initial Study/Mitigated Negative Declaration (IS/MND), the Proposed Project consists of demolishing an existing site and constructing a new 218,400 square-foot data center with a new ancillary equipment yard, new electrical substation, parking, and landscaping. The ancillary equipment yard would be approximately 75,000 square feet and located adjacent to the data center's north side. The Proposed Project would include 14 new emergency diesel generators/engines to provide backup power in the event of an emergency. The Proposed Project would also include a new 24,000 square-foot electrical substation to provide electricity to the data center.[1] Based on a review of aerial photographs, South Coast AQMD staff found that the nearest sensitive receptor (e.g., residential development) is located 65 feet west of the Proposed Project.[2] Construction is anticipated to occur over one phase, lasting approximately 24 months, beginning as early as September 2025 and ending as early as August 2027.[3] The site of the Proposed Project encompasses 15.8 acres and is located at 1977 Saturn Street.[4] 5-2

South Coast AQMD Comments

Recommend Revisions to the CEQA Regional and Localized Operational Air Quality Impacts Analysis 5-3

According to the Draft IS/MND, the Proposed Project includes 14 new emergency diesel engines, each with a capacity of four megawatts (MW) which is equivalent to approximately 5,364

[1] IS/MND, Page 11.
[2] *Ibid*, Page 46.
[3] *Ibid*, Page 21.
[4] *Ibid*, Page 11.

horsepower (hp), to be located on the north side of the site. The operational emissions, both regional and localized, have been evaluated and calculated using the California Emissions Estimator Model (CalEEMod), as detailed in Appendix A-1: *Air Quality Analysis Memorandum*. The Lead Agency concludes that the Proposed Project's operational emissions are less than the South Coast AQMD air quality significance thresholds for both regional and localized emissions.

However, the emissions calculations do not include operational emissions from the 14 new 5,364 hp emergency diesel engines, which would require air permits from South Coast AQMD. The omission of these operational emissions from the calculations is a major flaw in the analysis because the conclusion of less than significant air quality impacts is relying on underestimated emissions from all criteria pollutants. This is especially concerning considering the Proposed Project's proximity to residential neighborhoods. 5-3 cont.

To ensure a comprehensive analysis of the Proposed Project's regional and localized air quality impacts on the surrounding area, it is recommended that the Lead Agency:

- Include the calculated emissions from the 14 new 5,364 hp emergency diesel engines. Permits for emergency engines are typically limited to up to 50 hours per year for maintenance and testing and no more than 200 hours per year of total operation (this includes emergency use). Therefore, the CEQA document should calculate the emissions from the operation of all 14 emergency engines for 200 hours per year or if a lower number of hours of operation is used, South Coast AQMD staff would have to include a condition in the permit limiting the hours of operation to what was assumed in the CEQA document. Please also note that depending on the engine tier, the Proposed Project might trigger Title V requirements, as described later. 5-4
- Re-run CalEEMod to incorporate these emissions and reassess the total operational emissions.
- Utilize an appropriate air quality dispersion model, such as AERMOD, to evaluate localized air quality impacts to the 1-hour NOx federal and state ambient air quality standards (AAQS) from the operation of all 14 new 5,364 hp emergency diesel engines. Since the engines are not restricted to when they will be operated for maintenance and testing, the CEQA document should analyze the impacts from all 14 new 5,364 hp emergency diesel engines concurrently operating during a one-hour duration and compare the results to the AAQS. 5-5

These updated calculations, along with their associated impact analyses, should be discussed and included in a revised CEQA document to provide a transparent and complete assessment of the Proposed Project's air quality impacts. 5-6

Recommend Revisions to Greenhouse Gas Analysis

According to Section 4.8, *Greenhouse Gas Emissions*, the Draft IS/MND concluded a less than significant impact on greenhouse gases (GHG). However, Table 4.8-3 – *Operational Greenhouse Gas Emissions Opening Year* indicates that the total GHG emissions from the Proposed Project would be 85,309 MTCO2e per year, which significantly exceeds South Coast AQMD's air quality significance threshold for GHGs emissions of 10,000 MTCO2e per year. As such, the GHG emission impacts of the Proposed Project should be concluded as significant. If the Proposed 5-7

Project results in significant environmental impacts that cannot be mitigated to a "less than significant" level through feasible mitigation measures, a more comprehensive environmental review, such as an Environmental Impact Report (EIR), will be required. The EIR must also include an analysis of alternative project options that could potentially reduce the environmental impacts. The Lead Agency is recommended to address this issue and revise the CEQA document accordingly.

5-7 cont.

Health Risk Assessment (HRA) during Project Operation

Similarly, the Draft IS/MND for the Proposed Project does not include a comprehensive assessment of the health risks associated with operating 14 new 5,364 hp emergency diesel engines. This omission of a health risk analysis from the calculations is another major flaw in the analysis because the majority of toxic air contaminants (TACs) emissions, primarily as diesel particulate matter (DPM) which is an air toxic and a carcinogen, will be emitted by these 5,364 hp engines. Additionally, the site of the Proposed Project is adjacent to multiple residential neighborhoods, with the nearest sensitive receptor located within 65 feet north of the Proposed Project site. As a result, the potential cancer risk associated with these 14 new 5,364 hp emergency diesel engines from the Proposed Project remains unknown and undisclosed.[5]

Based on the project description for the 14 new 5,364 hp emergency diesel engines, South Coast AQMD staff conducted a preliminary evaluation to estimate the potential cancer risk (CR). Using the Health Risk Assessment Tool and AERMOD-Ready Meteorological Data Files for South Coast AQMD permit applications and CEQA analyses[6], the estimated CR from one new 5,364 hp emergency diesel engine could be as high as 134 in one million, which significantly exceeds the South Coast AQMD CR threshold of 10 in one million.[7]

5-8

This calculation is based on the following assumptions:

- The diesel generator is equipped with a U.S. EPA-certified Tier 2 non-road diesel engine.[8]
- Particulate matter (PM) emission rate of 0.15 grams per brake horsepower-hour (g/bhp-hr) for diesel engines rated at ≥560 kilowatts (kW).
- Emergency diesel engine capacity: 4-MW (equivalent to 5,364 hp)
- Operation: up to 200 hours per year.
- Distance to the nearest sensitive receptor: 65 feet.

When the CR is estimated for all 14 new 5,364 hp emergency diesel engines, the total CR will be 1,876 in one million, far exceeding South Coast AQMD's air quality significance threshold of 10 in one million for TAC impacts. This substantial cancer risk highlights the potential to create significant adverse impacts from the 14 new 5,364 hp emergency diesel engines to the surrounding community, with the nearest residential receptors bearing the largest burden of that exposure.

[5] South Coast AQMD's guidance for performing a mobile source health risk assessment is available at: https://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook/mobile-source-toxics-analysis

[6] South Coast AQMD's Health Risk Assessment Tool and AERMOD-Ready Meteorological Data Files. https://www.aqmd.gov/assets/aermet/AERMET_files_And_HRA_Tool.html

[7] South Coast AQMD Air Quality Significance Thresholds. https://www.aqmd.gov/docs/default-source/ceqa/handbook/south-coast-aqmd-air-quality-significance-thresholds.pdf

[8] EPA Emission Standards for Nonroad Engines and Vehicles. https://www.epa.gov/emission-standards-reference-guide/epa-emission-standards-nonroad-engines-and-vehicles

However, if the Proposed Project utilizes Tier 4 Final engines in lieu of Tier 2 engines, the PM emission rate would decrease by about an order of magnitude to 0.02 g/bhp-hr, reducing the total CR to approximately 17.9 per one million. Even if Tier 4 Final engines are utilized, the total CR would remain significant because it would exceed the South Coast AQMD CR threshold of 10 in one million, but the CR impacts would occur at a lesser extent than if Tier 2 engines are utilized. This demonstrates the importance of adopting advanced, cleaner engine technologies during the design phase to reduce air quality impacts and protect public health, especially those of the residents who are located 65 feet away.

Therefore, the Lead Agency is strongly recommended to conduct an operational phase HRA that evaluates the impact of the 14 new 5,364 hp emergency diesel engines. This assessment is critical for determining the potential cancer risks to offsite sensitive receptors and workers and for comparing these risks to South Coast AQMD's Air Quality Significance Thresholds for TACs. The analysis should also disclose the potential chronic health risks associated with the Proposed Project's operation for residents and workers outside the Proposed Project's boundary in the revised CEQA document.

5-8 cont.

Title V Permit Requirements

Title V is a federal program designed to standardize air quality permits and the permitting process for major sources of emissions across the country. Title V requirements are implemented by the South Coast AQMD through its Regulation XXX – Title V Permits.[11] Title V only applies to major sources, which the U.S. EPA defines as facilities that emit or have the potential to emit (PTE) any criteria pollutant or hazardous air pollutant (HAP) at levels equal to or greater than the Major Source Thresholds (MST) found in Table 2 of South Coast AQMD's Rule 3001 – *Applicability*. For the South Coast Air Basin, which is where the Proposed Project is located, the MST is 10 tons per year for NOx.[9]

The U.S. EPA nonroad Tier 2 diesel engine emission limit for NOx + (Non-Methane Hydrocarbon) NMHC is 4.8 g/bhp-hr. Typically, NMHC accounts for 5% of this total (0.24 g/bhp-hr), leaving NOx emissions at 4.56 g/bhp-hr. Assuming NOx emissions are 4.56 g/bhp-hr and each 5,364 hp emergency diesel engine would be permitted to operate up to 50 hours per year for maintenance and testing, the 14 new emergency engines would emit 19 tons of NOx per year, which exceeds the MST. Therefore, the Proposed Project/facility would require an initial Title V permit application and be subject to Title V as well as South Coast AQMD Rule 317.1 – Clean Air Act Nonattainment Fees for 8-Hour Ozone Standards .[13] As part of the Title V permitting requirements, the facility will be required to install equipment that meets the Lowest Achievable Emissions Rate (LAER) at the time the permit is issued, which is currently a Tier 4 Final engine.

5-9

Therefore, the Lead Agency is recommended to revise the CEQA document to include a discussion of the Title V applicability requirements or apply additional feasible mitigation measures to ensure that the NOx emissions remain less than the MST.

[9] South Coast AQMD. Rule 3001 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-xxx/rule-3001-applicability.pdf

Use of South Coast AQMD's Mass Rate Localized Significance Threshold (LST) Look-Up Table to Analyze the Proposed Project's Localized Air Quality Impact is not Consistent with Guidance for the LST Methodology

Based on the Project Description in MND, the Proposed Project covers approximately 15.8 acres.[10] The Lead Agency uses South Coast AQMD's Mass Rate LST Look-up Table for five acres as a screening tool to determine if the Proposed Project's operational daily emissions of NOx, CO, PM10 and PM2.5 could result in a significant impact to local air quality.[11] However, South Coast AQMD staff developed the LST methodology specifically for proposed projects that are less than or equal to five acres.[12] For projects exceeding five acres in size or projects that fall into specific categories outlined in Table 3-2 of the LST methodology, the Lead Agency is recommended to conduct project-specific dispersion modeling to accurately assess localized air quality impacts. Since the Proposed Project site is larger than five acres in size, includes numerous large combustion sources, and may potentially be subject to Title V requirements, the LST lookup tables are not applicable. Therefore, the Lead Agency is recommended to: 1) perform project-specific air dispersion modeling for the Proposed Project's operational phase emissions to determine localized air quality impacts; and 2) include the results in the revised CEQA document. 5-10

South Coast AQMD Air Permits and Role as a Responsible Agency

Since implementation of the Proposed Project would require the use of new stationary sources, including but not limited to emergency generators, air permits from South Coast AQMD will be required. The revised CEQA document should include a discussion about the South Coast AQMD rules that may potentially apply to the Proposed Project. In addition to Regulation XXX and Rule 317.1, those rules may include, for example, Rule 201 – Permit to Construct,[13] Rule 203 – Permit to Operate,[14] Rule 401 – Visible Emissions,[15] Rule 402 – Nuisance,[16] Rule 403 – Fugitive Dust,[17] Rule 1110.2 – Emissions from Gaseous and Liquid Fueled Engines,[18] Rule 1166 – VOC Contaminated Soil Excavation,[19] Regulation XIII – New Source Review,[20] Rule 1401 – Air 5-11

[10] IS/MND. Page 54.
[11] *Ibid.* Page 55.
[12] South Coast AQMD. Final Localized Significance Threshold Methodology available at https://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/final-lst-methodology-document.pdf
[13] South Coast AQMD. Rule 201 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-ii/rule-201.pdf
[14] South Coast AQMD. Rule 203 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-ii/rule-203.pdf
[15] South Coast AQMD. Rule 401 available at https://www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-401.pdf
[16] South Coast AQMD. Rule 402 available at https://www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-402.pdf
[17] South Coast AQMD. Rule 403 available at https://www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-403
[18] South Coast AQMD. Rule 1110.2 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-xi/r1110_2.pdf
[19] South Coast AQMD. Rule 1166 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-xi/rule-1166.pdf
[20] South Coast AQMD. Regulation XIII available at https://www.aqmd.gov/home/rules-compliance/rules/scaqmd-rule-book/regulation-xiii

Toxics,[21] Rule 1466 – Control of Particulate Emissions from Soils with Toxic Air Contaminants,[22] Rule 1470 – Requirements for Stationary Diesel Fueled Internal Combustion and Other Compression Ignition Engines,[23] Rule 1472 – Requirements for Facilities with Multiple Stationary Emergency Standby Diesel-Fueled Internal Combustion Engines, and etc.[30] It is important to note that when air permits from South Coast AQMD are required, the role of South Coast AQMD would change from a Commenting Agency to a Responsible Agency under CEQA. In addition, if South Coast AQMD is a Responsible Agency, per CEQA Guidelines Section 15086, the Lead Agency is required to consult with South Coast AQMD.

5-11 cont.

CEQA Guidelines Section 15096 sets forth specific procedures for a Responsible Agency, including making a decision on the adequacy of the CEQA document for use as part of the process for conducting a review of the Proposed Project and issuing discretionary approvals. Moreover, it is important to note that if a Responsible Agency determines that a CEQA document is not adequate to rely upon for its discretionary approvals, the Responsible Agency must take further actions listed in CEQA Guideline Section 15096(e), which could have the effect of delaying the implementation of the Proposed Project. In its role as CEQA Responsible Agency, the South Coast AQMD is obligated to ensure that the CEQA document prepared for this Proposed Project contains a sufficient project description and analysis to be relied upon in order to issue any discretionary approvals that may be needed for air permits. South Coast AQMD staff is concerned that the project description and analysis in its current form in the MND is inadequate to be relied upon for this purpose.

5-12

For these reasons, the Final CEQA document should be revised to include a discussion about any and all new stationary and portable equipment requiring South Coast AQMD air permits, provide the evaluation of their air quality and greenhouse gas impacts, and identify South Coast AQMD as a Responsible Agency for the Proposed Project as this information will be relied upon as the basis for the permit conditions and emission limits for the air permit(s). Please contact South Coast AQMD's Engineering and Permitting staff at (909) 396-3385 for questions regarding what types of equipment would require air permits. For more general information on permits, please visit South Coast AQMD's webpage at https://www.aqmd.gov/home/permits.

5-13

Conclusion

Staff recommends that the Lead Agency revise the CEQA analysis to address the aforementioned comments by including emissions from the 14 new emergency engines and estimating the health risks to provide the necessary evidence to support the conclusions reached. If the requested information and analysis are not included in the Revised or Final MND or other type of CEQA document, the Lead Agency should provide reasons for not doing so. Pursuant to California Public Resources Code Section 21092.5(b) and CEQA Guidelines Section 15074, prior to approving the Proposed Project, the Lead Agency shall consider the MND for adoption together with any comments received during the public review process and notify each public agency when any

5-14

[21] South Coast AQMD. Rule 1401 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1401.pdf

[22] South Coast AQMD. Rule 1466 available https://www.aqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1466.pdf

[23] South Coast AQMD. Rule 1470 available at https://www.aqmd.gov/docs/default-source/rule-book/reg-xiv/rule-1470.pdf

public hearings are scheduled. Please provide South Coast AQMD with written responses to all comments contained herein prior to the adoption of the Final MND. When responding to issues raised in the comments, detailed reasons supported by substantial evidence in the record to explain why specific comments and suggestions are not accepted must be provided. In addition, if the Lead Agency decides to adopt the Final MND, please provide South Coast AQMD with a notice of any scheduled public hearing(s). 5-14 cont.

Thank you for the opportunity to provide comments. South Coast AQMD staff is available to work with the Lead Agency to address any air quality questions that may arise from this comment letter. Please contact me at swang1@aqmd.gov or Sahar Ghadimi, Air Quality Specialist, at sghadimi@aqmd.gov should you have any questions. 5-15

Sincerely,

Sam Wang

Program Supervisor, CEQA IGR
Planning, Rule Development & Implementation

BR: JW: SW:SG
ORC241106-01
Control Number

Appendix B

Supplemental Technical Analysis

Kimley»Horn

Kimley»Horn

To:	Bryan Marsh, CEO, SDCF Monterey Park, LLC
From:	Heidi Rous and Sophia La Herran Kimley-Horn and Associates, Inc.
Date:	October 27, 2025
Subject:	1977 Saturn Data Center Project – Supplemental Technical Analysis

1.0 PURPOSE

The purpose of this Supplemental Technical Analysis is to supplement the administrative record for the Initial Study/Mitigated Negative Declaration (IS/MND) for the 1977 Saturn Data Center Project (Project) that was published on October 31, 2024 by the City of Monterey Park (City).

Based on requests from the City to enhance the design of the Project, and in response to comments on the IS/MND from agencies and the public, the Applicant updated certain elements of the Project design and adjusted certain operational characteristics to be responsive to the Lead Agency and public input. Accordingly, the analysis contained in this Supplemental Technical Analysis supersedes, where applicable, and supplements the analysis contained in the IS/MND. As demonstrated in this Supplemental Technical Analysis, the adjustments in the Project do not result in new significant impacts. In addition, it should be noted that the adjustments result mainly in a less intensive project in several instances, including, but not limited to, less energy demand, improved emissions control technology, less water consumption, and improved aesthetic value.

With respect to the technical modeling data included herein, this Supplemental Technical Analysis was prepared in accordance with the regulatory requirements of the South Coast Air Quality Management District (SCAQMD or South Coast AQMD) and guidance documents from the Office of Environmental Health Hazard Assessment (OEHHA) for analysis of air quality impacts and potential health risks. In addition, this Supplemental Technical Analysis supplements the IS/MND analysis regarding greenhouse gas (GHG) emissions, energy demand, and noise generation consistent with applicable CEQA requirements, applicable thresholds of significance, and applicable regulatory guidance. Overall, this supplemental information adds to the body of substantial evidence supporting the analysis and conclusions in the IS/MND.

Technical data is included as **Attachments A through F** below.

2.0 PROJECT DESIGN ADJUSTMENTS

In response to guidance from the Lead Agency, and comments received during the public review period for the IS/MND, the Applicant updated the architectural design of the Project and adjusted certain operational characteristics.

The adjustments to the Project, which are relevant to quantitative technical analysis, are included in **Table 1: Project Design Adjustments**.

Table 1: Project Design Adjustments

Project Design Adjustments		
Project Design	**Previous**	**Current**
Earthwork (cubic yards of import)[1]	-	196,275
Earthwork (cubic yards of export)	65,000	-
Energy (annual kWh/year)[2]	438,014,593	433,620,000
Water use (gallons/year)[3]	12,056,315	10,978,835
Building (square feet)[4]	218,400	247,480
Facility Power Demand (MW)[5]	49.9	49.5
Number of Generators[6]	14	24
Generator Capacity (MW)	4.0	2.75

1. Increased import to support new building design.
2. Reduced energy load for smaller data halls.
3. Reduced water usage due to efficient technology, closed-loop system, and improved landscaped plan.
4. Increased square footage to accommodate new design. Approximately 13,264 square feet of new design is architectural features and unoccupied.
5. Reduced power demand for smaller data halls.
6. Improved generator technology to Tier 4 equipment; reduced size, and increased number, of emergency generators per market availability and South Coast AQMD certified generator list.

2.1 Emergency Generator Operating Assumptions for Technical Analysis

Table 2: Emergency Generator Operating Assumptions provides the generator operating assumptions for the following analyses included in this document. This modeling is provided in response to certain public comments on the IS/MND and demonstrates that emission levels from the emergency generators remain less than significant.

Table 2: Emergency Generator Operating Assumptions

Analysis Scenario	Number of Generators	Generator Rating (MW)	Hours of Operation
Criteria Pollutants, regional[1]	N/A	2.75	13/day

Analysis Scenario	Number of Generators	Generator Rating (MW)	Hours of Operation
Criteria Pollutants, localized[1]			
1-hour	1+		1/day
8-hour	2+		8/day
24-hour	4-24		13/day
Potential to Emit (PTE)[2]	24	2.75	50/year
Greenhouse Gas Emissions[1]			
Health Risk (Toxic Air Contaminants Emissions)[3]			
NO_X National Ambient Air Quality Standard (NAAQS) Analysis[4]	24		200/year

1. Assumes hours of maintenance and testing limited to no more than 13 hours per day from all generators. South Coast AQMD permits typically limit each generator to no more than 4.2 hours per calendar month. Routine testing must be performed during the day so that the operator can view the exhaust.
2. South Coast AQMD Rule 1470 (c)(2)(C)(i) limits engine operation for maintenance and testing to 50 hours per year. Also pursuant to South Coast AQMD's policy and procedures No. EC-02-09, dated February 24, 2009.
3. The analysis assumes up to 50 hours per year of generator use for testing and maintenance, which reflects applicable regulatory limits and industry practice.
4. In accordance with U.S. EPA's *Modeling Compliance of The Federal 1-Hour NO_2 NAAQS Guidance*. The hours of operations assumption for NO_z NAAQS analysis only.

Per industry standard and applicable modeling protocol, the Project appropriately applied different operational assumptions for different types of emissions analyses, consistent with applicable guidance. For CEQA purposes, the Project's criteria pollutant emissions were conservatively estimated assuming no more than 13 hours per day of non-emergency testing and maintenance across all generators, which reflects reasonable Standard Operating Procedure (SOP) for the Project. While South Coast AQMD's and CARB's regulatory framework limits annual testing and maintenance to 50 hours per generator, the CEQA analysis applied the more conservative daily cap of 13 hours per day across all units to ensure that potential localized and cumulative criteria pollutant impacts were fully disclosed, and to appropriately compare impacts to South Coast AQMD CEQA criteria pollutant thresholds, which are based on maximum daily emissions rather than annual permitted emissions.

For the purpose of determining the Project's Potential To Emit (PTE), emissions were calculated assuming 50 hours per year per generator, which reflects the legally enforceable non-emergency testing and maintenance limit under the CARB Airborne Toxic Control Measure (ATCM) for Stationary Diesel Engines (California Code of Regulations, Title 17, §93115) and South Coast AQMD Rule 1470 (c)(2)(C)(i). For comparison with CEQA thresholds, emissions of Toxic Air Contaminants (TAC), such as diesel particulate matter (DPM), were calculated assuming 50 hours of annual operation for testing and maintenance per generator, which reflects the California Air Resources Board (CARB) Airborne Toxic Control Measure (ATCM) for Stationary

Diesel Engines (California Code of Regulations, Title 17, §93115) and South Coast AQMD Rule 1470 parameters; and applicable OEHHA guidance.

By contrast, for the 1-hour NO_2 NAAQS analysis, emissions were modeled assuming up to 200 hours of annual operation per generator. This approach follows U.S. EPA and South Coast AQMD guidance, including the 1995 EPA *Seitz Memorandum* and U.S. EPA's *Modeling Compliance of The Federal 1-Hour NO_2 NAAQS Guidance*. Localized impacts were modeled in accordance with **Table 2: Emergency Generator Operating Assumptions**, depending on the averaging period of each pollutant studied.

2.2 Potential to Emit

To support the data center's maximum load demand of 49.5 MW the Project would install approximately 24 back-up generators, each at 2.75 MW and certified to meet U.S. EPA Tier 4 emission standards. The maximum facility power demand could be met with 18 generators. An additional 6 generators will be installed to provide redundancy, if needed, for maintenance periods or equipment failure. For the purposes of this memorandum, however, the analysis assumes all 24 generators operating at full rated load, even though testing and maintenance are typically performed at partial loads (80 to 90 percent load). This approach provides a highly conservative basis for evaluating potential emissions.

Table 3: Project Potential to Emit lists the potential to emit (PTE) assuming 18 plus 6 redundant engines certified to U.S. EPA Tier 4 emissions standards operating at 50 hours per year, as required by South Coast AQMD Rule 1470 (c)(2)(C)(i), which limits engine operation for maintenance and testing to 50 hours per year. As shown in **Table 3**, the Project PTE would not exceed, and is well below, Title V thresholds.

Table 3: Project Potential to Emit

Scenario	Criteria Pollutant Emissions (tons per year)							
	VOC	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$	HAPs	Single HAP
50 hours per year per generator								
Project PTE [1,2]	0.68	2.44	4.90	0.03	0.11	0.11	<0.10	<0.10
Title V Threshold	100	100	100	100	100	100	25	10
Exceed Title V Threshold?	***No***	***No***	***No***	***No***	***No***	***No***	***No***	***No***

1. PTE assumed the installation of 18 plus 6 redundant Tier 4 2.75 MW generators operating at 50 hours per year, and South Coast AQMD's policy and procedures No. EC-02-09, dated February 24, 2009.
2. The generators would include a selective catalytic reduction (SCR) system, using catalyst and reductant (injected urea) to reduce the level of air pollutants.

Refer to **Attachment A: Potential to Emit Calculations** for model outputs.

3.0 AIR QUALITY AND GREENHOUSE GAS ANALYSIS

3.1 Methodology

As discussed above, in response to public comments and guidance from the City, the Applicant improved the Project design and modified certain operational characteristics. Accordingly, this Supplemental Technical Analysis has updated CalEEMod modeling to analyze the project adjustments, and included certain elements as requested by commenting agencies. **Table 4: CalEEMod Input Changes** presents a comparison between the CalEEMod inputs used in the IS/MND and the updated inputs applied in this analysis.

Table 4: CalEEMod Input Changes

CalEEMod Input Changes		
Inputs	**Previous**	**Current**
Earthwork (cubic yards of import)	-	196,275
Earthwork (cubic yards of export)	65,000	-
Energy (annual kWh/year)	438,014,593	433,620,000
Water use (gallons/year)	12,056,315	10,978,835
Building (square feet)	218,400	247,480

3.2 Air Quality Construction Emissions

As noted above, the Project design has advanced, and CalEEMod was updated to incorporate the refined Project square footages and grading quantities to ensure that construction-related emissions estimates reflect the revised design. **Table 5: Project Construction Emissions** summarizes the construction emissions attributable to the Project. As shown in **Table 5**, construction criteria pollutant emissions would remain below the applicable thresholds, and construction impacts on short-term regional air quality would remain less than significant, as identified in the IS/MND.

Table 5: Project Construction Emissions

Calendar Year	Emissions (pounds per day)[1]					
	ROG	NO_X	CO	SO_2	PM10	PM2.5
2025	5.76	97.33	68.64	0.33	20.30	8.86
2026	3.70	74.33	54.92	0.31	15.44	5.58
2027	39.45	7.74	15.87	0.02	2.16	0.66
2027 (Off-Site Improvements)	3.88	26.73	27.05	0.10	0.99	0.91
SCAQMD Threshold	75	100	550	150	150	55
SCAQMD Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

1. Emissions were calculated using the CalEEMod version 2022.1, as recommended by the South Coast AQMD. Worst-case seasonal maximum daily emissions are reported.

Calendar Year	Emissions (pounds per day)[1]					
	ROG	NO_X	CO	SO_2	PM10	PM2.5
Source: CalEEMod version 2022.1. Refer to **Attachment B: AQ and GHG Modeling Data** for model outputs.						

3.3 Air Quality Operational Emissions

As noted above, CalEEMod was updated to incorporate the refined Project design, and respond to certain public comments. The Project would include approximately 18 plus 6 redundant Tier 4 generators, rated at 2.75 MW each, to provide emergency power if needed. The analysis assumes up to 50 hours per year of generator use for testing and maintenance consistent with applicable regulatory limits and industry practice. **Table 6: Project Operational Emissions** summarizes the operational emissions attributable to the Project.

Table 6: Project Operational Emissions

Source	Emissions (pounds per day)[1]					
	ROG	NO_X	CO	SO_2	PM10	PM2.5
Area	8.44	0.10	11.80	<0.01	0.02	0.02
Energy[2]	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.18	0.16	1.88	<0.01	0.46	0.12
Emergency Generators[3]	14.80	52.85	105.69	0.58	2.33	2.33
Total	**23.42**	**53.11**	**119.38**	**0.58**	**2.78**	**2.44**
SCAQMD Threshold	55	55	550	150	150	55
SCAQMD Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

1. Emissions were calculated using the California Emissions Estimator Model (CalEEMod) version 2022.1.1.22, as recommended by South Coast Air Quality Management District (SCAQMD). Worst-case seasonal maximum daily emissions are reported.
2. Criteria pollutant emissions from energy sources are calculated in CalEEMod from only natural gas use. The Project would not use natural gas.
3. Calculations were performed in spreadsheet calculations. The modeling assumed no more than13 hours of testing and maintenance run time in any one day for all generators.

Source: CalEEMod version 2022.1. Refer to **Attachment B: AQ and GHG Modeling Data** for model outputs.

As noted above, the Project will implement a SOP that limits testing and maintenance across all 18 plus 6 redundant generators to no more than 13 hours per day. Testing and maintenance activities generally include regularly scheduled start-ups, and run-time checks to ensure the generators remain in proper working condition. These activities typically involve operating each generator under load for a short period of time (e.g., 30–60 minutes) on a monthly or quarterly basis, inspecting fuel, oil, and cooling systems, and verifying that emissions controls are functioning as designed. These procedures are carried out under controlled conditions. As shown in **Table 6**, the Project's regional operational emissions would not exceed applicable South Coast AQMD thresholds, and operational impacts on long-term regional air quality would remain less than significant, as identified in the IS/MND.

3.4 Greenhouse Gas Construction Emissions

Table 7: Construction Greenhouse Gas Emissions summarizes the annual GHG emissions generated by construction of the Project. GHG emissions related to construction were quantified and disclosed in this report, and the IS/MND for informational purposes only, because the Lead Agency exercised its discretion to determine GHG impact conclusions based on compliance with the City's Climate Action Plan (CAP). The CAP is a qualified local GHG reduction plan under CEQA, which can be used to determine the significance of GHG emissions from a Project.

Table 7: Construction Greenhouse Gas Emissions

Year	$MTCO_2e$ per year
Construction (2025)	1,050
Construction (2026)	515
Construction (2027)	258
Total	1,823
Amortized Over 30 Years	61
Source: CalEEMod version 2022.1. Refer to **Attachment B: AQ and GHG Modeling Data** for model outputs.	

3.5 Greenhouse Gas Operational Emissions

Table 8: Operational Greenhouse Gas Emissions summarizes the annual GHG emissions generated by operations of the Project reflecting the updated design. The Project during peak load conditions would have a demand of 49.5 MW, which will under normal conditions be supplied by SCE. However, as discussed above, diesel fuel will be combusted on site to perform monthly testing and maintenance. Consistent with CEQA and South Coast AQMD's requirement to evaluate reasonably foreseeable operating conditions, the analysis assumes up to 50 hours per year of generator use for testing and maintenance. GHG emissions associated with the proposed emergency generators are summarized in **Table 8: Operational Greenhouse Gas Emissions**.

Table 8: Operational Greenhouse Gas Emissions

Emissions Source	$MTCO_2e$ per Year[1]
Amortized Construction Emissions	61
Area Source	6
Emergency Generators [1,2]	1,616
Mobile	80
Waste	78
Water and Wastewater	12

Emissions Source	MTCO$_2$e per Year[1]
Refrigeration	0.1
Energy[3]	75,181
Total Emissions[4]	77,034

1. Emergency backup generator emissions calculated assuming 50 hours per year per generator (18 plus 6 redundant generators).
2. Annual GHG emissions were reduced compared to the previous design because the Project generators changed from twelve 4 MW units without selective catalytic reduction (SCR) to 18 plus 6 redundant 2.75 MW Tier 4 units equipped with SCR. Although the total number of units increased, the smaller generator size and the incorporation of improved emissions controls resulted in lower overall annual GHG emissions.
3. The servers in the data center were estimated to require approximately 50 MW of power per hour, and operations were conservatively estimated to be 8,760 hours per year. The Project does not include natural gas heaters or water heaters.
4. Represents a conservative estimate of maximum potential emissions. No quantitative credit for existing land use or regulatory compliance reductions that could occur over time. GHG emissions reduced from initial design in IS/MND..

Source: CalEEMod version 2022.1. Refer to **Attachment B: AQ and GHG Modeling Data** for model outputs.

4.0 DISPERSION MODELING METHODOLOGY

4.1 Input Data

As recommended by the South Coast AQMD, the Supplemental Technical Analysis utilizes an appropriate air quality dispersion model (i.e. AERMOD) to evaluate localized air quality impacts to the 1-hour NO_X federal and State ambient air quality standards (AAQS) from the operation of the emergency generators.

The air dispersion modeling for the operational risk assessment was performed using U.S. EPA AERMOD dispersion model. AERMOD is a steady-state, multiple-source, Gaussian dispersion model designed for use with emission sources situated in terrain where ground elevations can exceed the stack heights of the emission sources (not a factor in this case). AERMOD requires hourly meteorological data consisting of wind vector, wind speed, temperature, stability class, and mixing height. The modeling and analysis were prepared in accordance with the South Coast AQMD Modeling Guidance for AERMOD.[1]

1. **Meteorological Data** – AERMOD requires hourly meteorological data consisting of wind vector, wind speed, temperature, atmospheric stability, and mixing height. The latest 5-year meteorological data set for the Pico Rivera Monitoring Station was obtained from the South Coast AQMD. Surface and upper air meteorological data from this station was selected as being the most representative for meteorology based on proximity to the Project site, as well as terrain, surrounding land uses, and surface characteristics.

[1] South Coast Air Quality Management District, *SCAQMD Modeling Guidance for AERMOD*, www.aqmd.gov/home/air-quality/air-quality-data-studies/meteorological-data/modeling-guidance. Accessed October 8, 2025.

2. **Source Data** – The Project includes enclosed emergency generators to provide emergency power, if needed. The generators are located adjacent to the northern wall of the building. There would be 18 plus 6 redundant Tier 4 emergency diesel engines. See **Figure 1** for more detail. Each gen-set is currently designed to have a unique 24-inch diameter, vertical exhaust stack that will be routed to the roof of the building. The emissions from each generator were modeled as a single point source.

   Health Risk Analysis: For the purpose of modeling long-term health risk impacts, this analysis assumed each of the 18 plus 6 redundant Tier 4 emergency diesel engines would operate for 50 hours per year, refer to **Table 2**. The average annual emission rates for each point source were derived from manufacturer-provided engine specifications and calculated following South Coast AQMD guidance. All 18 plus 6 redundant engines were modeled as individual point sources. Refer to **Appendix C** for detailed calculations.

   Localized Impact Analysis: For the purposes of the operational localized impact analysis, emission rates were developed to reflect the averaging times of the applicable AAQS. For the 1-hour NO_X and CO standards and the 8-hour CO standard, the analysis assumed that three engines could operate concurrently at peak hourly emission rates for up to 13 hours per day, consistent with the Project's SOP. Accordingly, three point sources were modeled to represent this operational scenario. For the 24-hour PM10 and PM2.5 standards, the analysis assumed all 18 plus 6 redundant engines could operate concurrently at peak hourly emission rates for up to 13 hours per day, also consistent with the SOP. In this case, 24 point sources were modeled to evaluate localized particulate matter impacts. Refer to **Attachment D: LST and NAAQS Modeling Data** for detailed calculations.

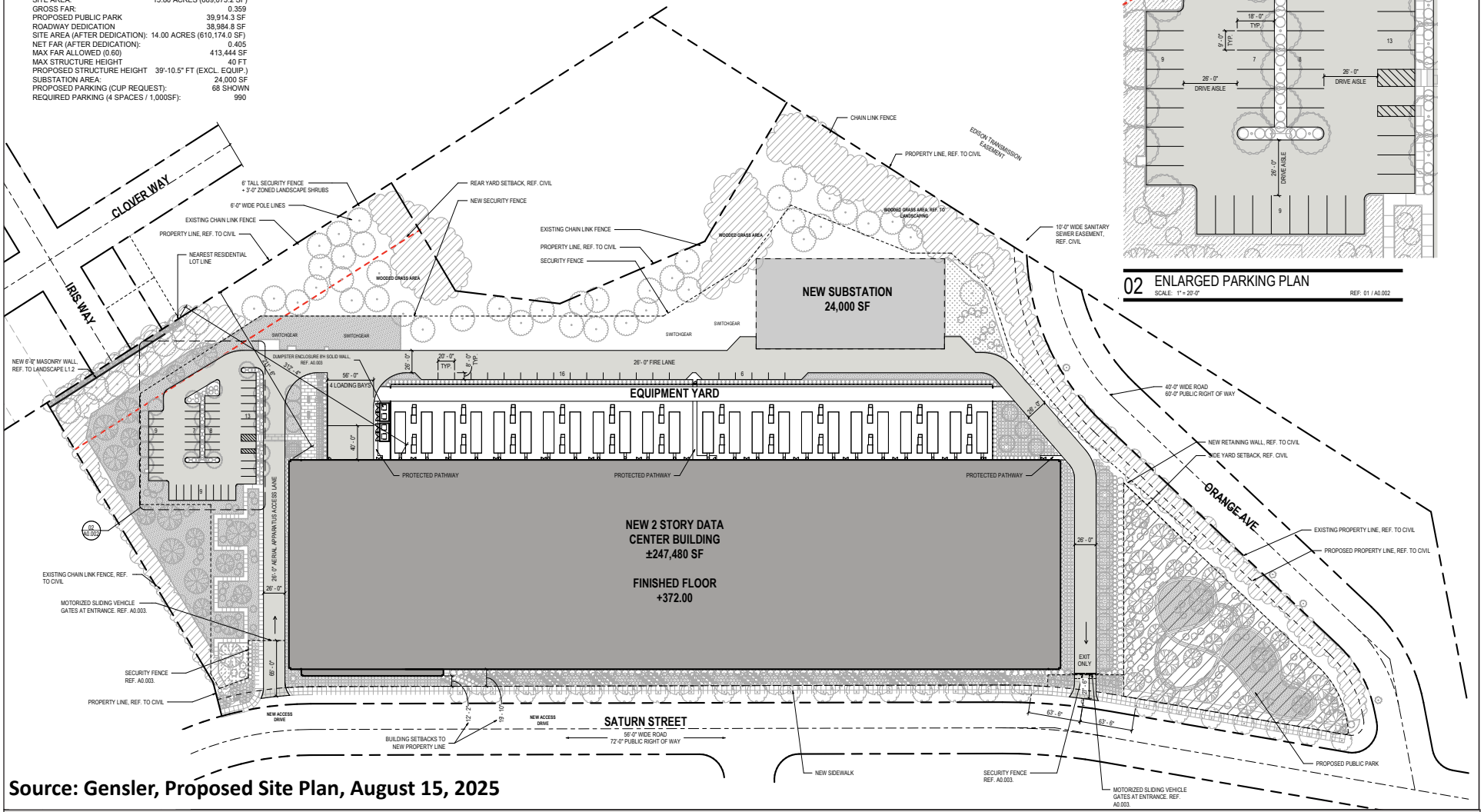
   NAAQS Analysis: For the purposes of modeling long-term impacts, this analysis assumed each of the 18 plus 6 redundant engines would run for 200 hours per year. For this scenario, all 18 plus 6 redundant engines were modeled as individual point sources. Refer to **Attachment D: LST and NAAQS Modeling Data** for detailed calculations.

3. **Receptor Locations** – A plant boundary cartesian grid was used to define the receptor network at the property fence-line and beyond the facility boundary. Due to the size of the project site, receptors were modeled with a maximum of 40-meter grid spacing. The receiver grid extended 1,000 feet in every direction from the project site boundary. All receptor locations are represented in the Universal Transverse Mercator (UTM) projections, Zone 11, North American Datum 1983.

4. **Terrain Elevations** – As recommended by the South Coast AQMD, the United States Geological Survey (USGS) National Elevation Dataset (NED) terrain data was imported into AERMOD.

METRICS:

STORIES:	2
TOTAL BUILDING AREA:	247,480 SF
WHITE FLOOR AREA:	108,400 SF
DATA HALLS:	6
DATA HALL AREA:	18,866 SF
TOTAL POWER:	49.5 MW
CRITICAL POWER	33 MW
POWER DENSITY:	304.42 WATTS PER SF
POWER DENSITY PER DATA HALL:	5.5 MW
CAB COUNT: (HAC)	2,064 RACKS
KW PER CAB:	16 KW
GENERATORS (2.75MW):	24 (4:3)
TOTAL COOLING LOAD	10,460 TONS
TOTAL CHILLERS (525 TONS EACH):	24 (4:3)
SITE AREA:	15.80 ACRES (689,073.2 SF)
GROSS FAR:	0.359
PROPOSED PUBLIC PARK	39,914.3 SF
ROADWAY DEDICATION	38,984.8 SF
SITE AREA (AFTER DEDICATION):	14.00 ACRES (610,174.0 SF)
NET FAR (AFTER DEDICATION):	0.405
MAX FAR ALLOWED (0.60)	413,444 SF
MAX STRUCTURE HEIGHT	40 FT
PROPOSED STRUCTURE HEIGHT	39'-10.5" FT (EXCL. EQUIP.)
SUBSTATION AREA:	24,000 SF
PROPOSED PARKING (CUP REQUEST):	68 SHOWN
REQUIRED PARKING (4 SPACES / 1,000SF):	990



02 ENLARGED PARKING PLAN
SCALE: 1" = 20'-0" REF: 01 / A0.002

Source: Gensler, Proposed Site Plan, August 15, 2025

FIGURE 1: ADJUSTED SITE PLAN

1977 Saturn Data Center Project

NOT TO SCALE

Kimley»Horn

5. **Building Downwash** – The potential effect for building downwash was evaluated via the "Good Engineering Practice (GEP)" stack height analysis and was based on the scaled site plan developed for the site (see **Figure 1**). The proposed building was digitized using the site plan (sheet A2.0) with a height of 12 meters (42 feet including building parapet). The building profile input program (BPIP) was incorporated into AERMOD, to account for potential downwash effects.

5.0 HEALTH RISK ANALYSIS

5.1 Carcinogenic Risk

As requested by the South Coast AQMD, this Supplemental Technical Analysis conducted an operational Health Risk Assessment (HRA) that evaluates the potential impact of the emergency generators together with other project operations. This information supplements the IS/MND's analysis of the potential cancer risks and compares these risks to the South Coast AQMD air quality significance thresholds for TACs. It should also be noted that, although South Coast AQMD's Rule 1401 generally requires a health risk assessment (HRA) for new or modified toxic air contaminant sources, the rule includes an exemption for emergency standby internal combustion engines. Specifically, Rule 1401(k)(3)(C) provides that emergency engines meeting CARB certification requirements and limited to less than 50 hours per year of non-emergency use are presumed to comply with the Rule's cancer risk and hazard index limits. Nonetheless, the City as the Lead Agency has supplemented the IS/MND will additional HRA analysis. The Project is anticipated to utilize 18 (plus 6 for redundancy) Cummins Inc. QSK78 engines, which are certified to meet U.S. EPA Tier 4 Final emission standards. The generators selected for this Project are currently listed on the South Coast AQMD Certified ICE-Emergency Generators List (as of *May 23, 2025*). Emergency generator emission rates were calculated using the manufacturers' specifications (e.g., brake-horsepower, fuel consumption, exhaust parameters). See **Attachment C: Health Risk Data** for more details.

Table 9: Carcinogenic Risk Assessment shows the health risk for the following scenarios: construction, operation, and combined construction and operation of the Project. Based on OEHHA *Risk Assessment Guidelines*, the exposure duration for a resident is 30 years, beginning with the third trimester. The analysis conservatively calculates risk based on exposure to construction concentrations during the 2 years of the exposure duration and overlapping operational concentrations for the entire exposure duration of 30 years.

The pollutant concentrations modeled in AERMOD represent the exposure levels outdoors. The analysis conservatively does not include indoor exposure adjustments for residents. However, the typical person spends the majority of time indoors rather than remaining outdoors in the same location for 24 hours a day.[2] Therefore, the AERMOD outdoor pollutant concentrations are not necessarily representative of actual exposures and tend to overestimate exposure. The

[2] U.S. Environmental Protection Agency, Exposure Factors Handbook: 2011 Edition EPA/600/R-090/052F, September 2011.

nearest residential receptors would be located approximately 330 feet east from exhaust stacks on the generators. The risk calculations are based on the pollutant concentration at the worst-case location and conservatively assume: no cleaner technology or lower emissions in future years, and 95th percentile breathing rates. **Table 9** shows the cancer risk associated with construction and operation of the Project would be below the applicable significance threshold for all receptors.

Table 9: Carcinogenic Risk Assessment

Exposure Scenario	Cancer Risk (Risk per Million)[1]	Significance Threshold (Risk per Million)	Exceeds Significance Threshold?
Construction			
Residential Receptors	3.41	10	No
Worker Receptor	0.16	10	No
Operations			
Residential Receptors	5.67	10	No
Worker Receptor	1.90	10	No
Combined Construction + Operation			
Residential Receptors	6.35	10	No
Worker Receptor	2.06	10	No
1. The reported cancer risk is at the closest maximally exposed individual receptor (MEIR) to the Project site.			
Source: Refer to **Attachment C: Health Risk Data**.			

As shown in **Table 9**, the construction risk at residential and worker receptors would be 3.41 in one million and 0.16 in one million, respectively. Additionally, the operational cancer risk at residential and worker receptors would be 5.67 and 1.90 in one million, respectively. Further, the combined construction and operational cancer risk[3] at residential and worker receptors would be 6.35 and 2.06 in one million, respectively. As such, the maximum construction, operational, and combined construction and operational cancer risk would not exceed South Coast AQMD's 10 in one million threshold.

5.2 Non-Carcinogenic Hazard

In response to South Coast AQMD's recommendation, this Supplemental Technical Analysis includes an evaluation of potential TAC exposure during both construction and operation of the Project. Consistent with South Coast AQMD Rule 1401 and CEQA guidance, the applicable significance threshold for chronic non-cancer risk is a hazard index (HI) greater than 1.0. Chronic non-cancer impacts are calculated by dividing the annual average concentration by the Reference Exposure Level (REL) for that substance. The REL is defined as the concentration at which no adverse non-cancer health effects are anticipated and is designed to protect sensitive

[3] Based on OEHHA *Risk Assessment Guidelines*, the exposure duration for a resident is 30 years, beginning with the third trimester. As such, the combined construction and operations scenario includes the recommended residential exposure during of 30 years in sequential order.

individuals within the population. According to OEHHA, the chronic REL DPM is 5, with the target organ being the respiratory system.[4]

Chronic non-carcinogenic impacts are shown in **Table 10: Chronic Hazard Assessment**. A chronic hazard index of 1.0 is considered individually significant. The hazard index is calculated by dividing the chronic exposure by the reference exposure level. The chronic hazard was calculated based on the highest annual average concentration at the maximally exposed individual receptor. It should be noted that there is no acute REL for DPM and acute health risk cannot be calculated. The highest maximum chronic hazard index associated with DPM emissions from Project construction would be 0.004 and 0.003 at the residential and worker receptors, respectively. Additionally, the highest maximum chronic hazard index associated with DPM emissions from Project operations would be 0.002 at the residential receptors and 0.001 at the worker receptors. Therefore, construction and operational non-carcinogenic hazards would not exceed the applicable South Coast AQMD threshold of 1.0.

Table 10: Chronic Hazard Assessment

Exposure Scenario	Annual Concentration (µg/m^3)[1]	Chronic Hazard
Construction		
Residential Receptors	0.021	0.004
Worker Receptors	0.016	0.003
Operation		
Residential Receptors	0.009	0.002
Worker Receptors	0.006	0.001
SCAQMD Threshold	*N/A*	*1.0*
Threshold Exceeded?	**N/A**	**No**
1. The reported pollutant concentration is at the closest receptor (maximally exposed individual receptor).		
Source: Refer to **Attachment C: Health Risk Data**.		

6.0 AAQS ANALYSIS

6.1 Background of Air Quality Standards

For the purposes of establishing background concentrations of criteria pollutants, this analysis relied on South Coast AQMD monitoring data, which were collected during the years 2021, 2022, and 2023 at CARB/South Coast AQMD monitoring stations. Background values were selected from the monitoring station with the closest proximity to the Project site, the Pico Rivera Monitoring Station.

[4] California Office of Environmental Health Hazard Assessment, *OEHHA Acute, 8-hour and Chronic Reference Exposure Level (REL) Summary*, https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary. Accessed October 8, 2025.

6.2 Localized Significance Analysis

Construction

As requested by South Coast AQMD, and to reflect the updated design requested by the Lead Agency, CalEEMod was updated to incorporate construction and operation emissions and ensure that impacts remained less than significant as set forth in the IS/MND. **Table 11: Localized Significance of Construction Emissions**, shows the results of localized emissions during construction activity. This table represents the worst-case scenario and are based on peak earthwork volumes anticipated. As shown in **Table 11,** localized Project construction emissions would not exceed South Coast AQMD thresholds and impacts would remain less than significant, as identified in the IS/MND.

Table 11: Localized Significance of Construction Emissions

Source/Activity	Emissions (pounds per day)[1]			
	NO_X	CO	PM10	PM2.5
Construction Emissions				
Phase 1 - Demolition (2025)	22.2	19.9	3.9	1.3
Phase 1 – Site Preparation (2025)	31.6	30.2	6.5	3.9
Phase 1 – Grading (2025)	16.3	17.9	2.6	1.6
Phase 1 – Grading (2026)	14.9	17.4	2.5	1.5
Phase 1 – Building Construction and Utilities (2026)	9.8	13.0	0.4	0.4
Phase 1 Paving (2026)	7.1	9.9	0.3	0.2
Phase 2 – Interior Construction (2026)	5.3	6.8	0.2	0.2
Phase 2 – Interior Construction (2027)	5.0	6.8	0.2	0.2
Phase 2 – Architectural coating (2027)	0.8	1.1	<0.1	<0.1
Maximum Daily Emissions	*31.6*	*30.2*	*6.5*	*3.9*
SCAQMD Localized Screening Threshold (2.5 acres of disturbance at 25 meters)	131	1,162	8	6
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**

1. Maximum emissions may not add up exactly due rounding in the modeling calculations. Detailed emissions calculations are provided in **Attachment D: LST and NAAQS Modeling Data**.
2. South Coast AQMD Rule 403 Fugitive Dust applied for construction emissions. The Rule 403 reduction/credits include the following: properly maintain mobile and other construction equipment; replace ground cover in disturbed areas quickly; water exposed surfaces three times daily; water all haul roads three times daily; and limit speeds on unpaved roads to 15 miles per hour. Reductions percentages from the South Coast AQMD CEQA Handbook (Tables XI-A through XI-E) were applied. No mitigation was applied to construction equipment.

Source: CalEEMod version 2022.1. Refer to **Attachment B: AQ and GHG Modeling Data**.

Operations

This analysis presents the results of the localized dispersion modeling conducted for the Project. The Project's IS/MND used South Coast AQMD's *Mass Rate Localized Significance Threshold (LST) Look-Up Table* to analyze LST impacts. Table 4.3-9 of the IS/MND shows that the Project's

operational emissions would not exceed applicable South Coast AQMD lookup-table LSTs for a five-acre site. Because the emissions generated by the Project are less than those permitted for a smaller site, it is reasonable to assume that the Project would not generate significant localized air quality impacts even though the Project site is 15.8 acres. However, in the interest of even more precise analysis, and to respond to a request by South Coast AQMD, this analysis has been prepared to supplement the LST results based on project-specific dispersion modeling.

The Project's localized operational pollutant concentrations are shown in **Table 12: Localized Operational Emissions**. **Table 12** shows the maximum pollutant concentrations in the Project area from peak day operational activity. These concentrations are the maximum levels and all other modeled locations in the study area would experience lower concentrations (i.e., less of an impact). As shown in **Table 12**, the worst-case unmitigated conditions are well below the applicable thresholds and would not exceed the South Coast AQMD's ambient air quality standards.

Table 12: Localized Operational Emissions

Pollutant	Averaging Time	Maximum Modeled Concentration	Background Concentration (µg/m³) [1]	Total Ground Level Concentration (µg/m³)	Threshold (µg/m³) [2]	Threshold Exceeded?
NO_2 [3]	1-hour	61.34	101.05	162.39	339	No
CO	1-hour	216.24	2,176.66	2,392.89	23,000	No
	8-hour	89.13	1,718.41	1,807.54	10,000	No
PM_{10} [4]	24-hour	0.45	--	0.45	2.5	No
$PM_{2.5}$ [4]	24-hour	0.44	--	0.44	2.5	No

1. Background concentrations are from the Pico-Rivera Monitoring Station (4144 San Gabriel River Pkwy. Pico Rivera, CA 90660, AQS# 060371602).
2. Ambient air quality thresholds are from South Coast AQMD Rule 1303 and Rule 403. All thresholds are shown in micrograms per cubic meter (µg/m³) for comparison to modeled concentrations.
3. NO_2 concentrations were calculated per Tier 2 ARM2 ratios in U.S. EPA's 40 CFR Part 51 Appendix W, § 4.2.3.4. Conversion of NO_X to NO_2 use U.S. EPA minimum and maximum default values NO_2/NO_X of 0.5 and 0.9, respectively.
4. The thresholds for PM10 and PM2.5 are incremental thresholds; therefore, the incremental concentration without background is compared to the threshold.

Source: Refer to **Attachment D: LST and NAAQS Modeling Data.**

6.3 AAQS Modeling Analysis

South Coast AQMD Rule 1303 is part of the District's New Source Review (NSR) permitting program and establishes allowable emissions screening thresholds for new or modified stationary sources of air pollution. For smaller combustion sources (less than or equal to 40 million BTU per hour), the rule provides screening thresholds for NO_X, CO, and PM10. South Coast AQMD does not require modeling for VOC and SO_X. These thresholds are used to determine whether a project's emissions are low enough to be considered insignificant, or if more detailed analysis and potential mitigation are required. As shown in **Table 13**, the Project would not exceed the allowable screening thresholds for CO and PM10 and therefore no further

analysis is required for these pollutants. However, Project emissions would exceed the allowable screening threshold for NO_X, and thus additional analysis is provided herein.

Table 13: Allowable Emissions for Combustion Sources less than or equal to 40 Million BTUs per hour

Scenario	NO_x	CO	PM10
Facility- Wide Emissions (lb/hr)	4.07	8.13	0.18
Screening Threshold (lb/hr)[1]	*1.31*	*72.1*	*7.9*
Exceed Threshold?	**Yes**	**No**	**No**

1. The proposed engines have a heat input capacity of 36.86 million BTUs per hour; therefore, values listed for units greater than 30 but less than 40 million BTUs per hour on Table A-1 from Rule 1303 were utilized.

Source: South Coast AQMD, Rule 1303, https://www.aqmd.gov/docs/default-source/rule-book/reg-xiii/rule-1303-requirements.pdf. Accessed October 8, 2025.
Refer to **Attachment D: LST and NAAQS Modeling Data**.

As requested by South Coast AQMD, dispersion modeling was performed using the South Coast AQMD-preferred model, AERMOD, including building downwash considerations. Emissions were calculated using project-specific emission data and factors described above. The maximum off-site concentrations of NO_2 from Project operations were added to the appropriate historical background concentrations and compared to the applicable AAQS. Consistent with South Coast AQMD Rule 1303(b)(1) and the South Coast AQMD CEQA Air Quality Handbook, if an AAQS is not exceeded, the project is judged to not cause or contribute substantively to an AAQS violation for that pollutant. If a source's maximum impacts are below the applicable significant impact thresholds, the project is judged to not cause or contribute significantly to an AAQS violation or cause an increment violation. As shown in **Table 14: Maximum Off-Site Concentrations from Operations**, maximum emissions from the Project are well below the applicable thresholds and will not cause, or contribute to, a violation of an applicable NO_2 NAAQS or CAAQS.

Table 14: Maximum Off-Site Concentrations from Operations

Pollutant	Averaging Time	Maximum Modeled Concentration ($\mu g/m^3$)	Background Concentration[1] ($\mu g/m^3$)	Total Ground Level Concentration ($\mu g/m^3$)	SCAQMD Threshold ($\mu g/m^3$)[2]	Threshold Exceeded?[3]
NO_2[4]	1-hour	18.40	101.05	119.45	339 (state)	No
	1-hour[5]	15.55	121.38	136.93	188 (federal)	No
	Annual	2.60	31.99	34.59	57 (state)	No
	Annual	2.60	31.99	34.59	100 (federal)	No

1. Background concentrations are from the Pico Rivera Monitoring Station is located at 4144 San Gabriel River Parkway, Los Angeles. https://www.aqmd.gov/home/air-quality/historical-air-quality-data/historical-data-by-year.
2. All thresholds are shown in micrograms per cubic meter ($\mu g/m^3$) for comparison to modeled concentrations.
3. Exceedances of the thresholds are indicated in bold.
4. NO_2 concentrations were calculated per Tier 1 conversion in U.S. EPA's 40 CFR Part 51 Appendix W, Section 4.2.3.4.
5. This comparison is to the federal NAAQS, which is a 98th percentile threshold. The background concentration is the average of the 8th highest daily maximum 1-hour concentration.

Source: Refer to **Attachment D: LST and NAAQS Modeling Data**

7.0 ENERGY ANALYSIS

The analysis below was performed to supplement the IS/MND and reflect adjustments in the design of the Project, as requested by the Lead Agency. Quantifications of construction energy are provided for the adjusted Project below; see **Table 15: Energy Use During Construction**.

Table 15: Energy Use During Construction

Source	Project Construction Usage	Los Angeles County Annual Energy Consumption	Percentage of Countywide Consumption
Electricity Use		**GWh**	
Water Consumption[1]	0.08	68,485	<0.001%
Diesel Use		**Gallons**	
On-Road Construction Trips[2]	35,122	4,129,527,647	0.001%
Off-Road Construction Equipment[3,4]	107,751		0.003%
Construction Diesel Total	142,873		0.004%
Gasoline		**Gallons**	
On-Road Construction Trips[2]	15,211	4,129,744,580	<0.001%

1. Construction water use based on acres disturbed per day per construction sequencing and estimated water use per acre. Water use includes the energy required to convey water to and from the Project Site.
2. On-road mobile source fuel use based on vehicle miles traveled (VMT) from CalEEMod and fleet-average fuel consumption in gallons per mile from EMFAC2021 in Los Angeles County.
3. Off-road mobile source fuel usage based on a fuel usage rate of 0.05 gallons of diesel per horsepower (hp)-hour from USEPA.

Source: Refer to the energy calculations in **Attachment E: Energy Calculations**.

As noted above, the Project design has advanced, and the energy use and diesel use associated with the back-up generators was recalculated to account for the smaller 18 plus 6 redundant Tier 4 generators. Annual Energy use during Project operation is shown in **Table 16: Annual Energy Consumption During Operations**.

Table 16: Annual Energy Consumption During Operations

Source	Project Operational Usage	Los Angeles County Annual Energy Consumption	Percentage Increase Countywide
Electricity Use		**GWh**	
Building Energy[1]	433.62	68,485	0.633%
Water Conveyance	0.06		<0.001%
Diesel Use		**Gallons/Year**	
Emergency Generators[3]	226,800	535,939,687	0.042%

1. Electricity and natural gas usage are based on Project-specific estimates and CalEEMod defaults. The Project during peak load conditions would have a demand of 49.5 MW. The analysis assumes 24/7 operations (8,760 hours per year).
2. The Project is not anticipated to use natural gas.
3. Assumed 18 plus 6 redundant emergency generators each used up to 50 hours per year for testing and maintenance with a 189 gallon per hour fuel flow.

Source: Refer to the energy calculations in **Attachment E: Energy Calculations**.

8.0 NOISE ASSESSMENT

8.1 Methodology

As discussed above, in response to public comments and guidance from the City, the Applicant improved the Project design and modified certain operational characteristics. Accordingly, this Supplemental Technical Analysis has updated noise modeling to analyze the Project adjustments, and included certain elements as requested by commenting agencies. The analysis and conclusions in this Supplemental Technical Analysis for potential noise impacts supplements, and where applicable supersedes, the analysis provided in Section 4.13 of the IS/MND and related Appendix J: Noise and Vibration Analysis Memorandum.

8.2 Operational Noise Analysis

Mechanical Equipment

The noise sources associated with the Project include the operation of the following mechanical equipment: chillers, rooftop mechanical equipment (rooftop units, or RTUs), emergency generators, and substation transformers. A description of this equipment and associated reference noise levels is provided below:

- Chillers: located on the rooftop in the central portion of the data center building. This equipment operates to provide cooling for the servers and related electronic equipment in the building. The rooftop chillers were modeled as point sources in SoundPLAN using sound emission spectrum data from the equipment manufacturer and would be surrounded by a 16-foot-high absorptive noise barrier; see **Attachment F: Noise Data** for modeling information.

- Rooftop Mechanical Equipment (RTUs): RTUs are located on the northern portion of the data center building rooftop and provide support in cooling the data center building. The RTUs were modeled as point sources in SoundPLAN using sound emission spectrum data from the equipment manufacturer; see **Attachment F** for modeling information.

- Emergency Generators: This equipment would be on standby to provide emergency backup power for data center operation in the event of a power failure. Individual generators will also be tested for short durations throughout the year to ensure proper operation, if needed. A total of 24 generators would be located at ground level on the northern façade of the data center building. A total of three (3) emergency generators were modeled as point sources in SoundPLAN to represent periodic testing at various locations throughout the generator yard. Each generator would be equipped with a sound-rated all-weather enclosure capable of achieving an outdoor sound level of 65.3 dBA at 7 meters. It should be noted that the Monterey Park Municipal Code (MPMC) Section 4.50.050 states that emergency generators used during a power outage or other emergency are exempt from the City's noise ordinance; therefore, noise levels

associated with the operation of all 24 generators running simultaneously are excluded from the SoundPLAN modeling. The noise from periodic generator testing, however, was included in modeling to provide a conservative noise analysis. See **Attachment F** for more modeling information.

- Substation Transformers: the Project would include a new substation located in the northeastern portion of the site. Based on site plans, the substation could include up to four 66 kV power transformers that would each generate noise levels up to approximately 75 dBA at one meter.[5] The transformers were modeled as point sources in the central portion of the proposed substation area. See **Attachment F** for more modeling information

SoundPLAN Modeling Results

To evaluate the propagation of sound each of the stationary noise sources discussed above were modeled in SoundPLAN to determine the mechanical equipment sound levels associated with the refined Project. SoundPLAN allows computer simulations of noise situations, and creates noise contour maps using reference noise levels, topography, point and area noise sources, mobile noise sources, and intervening walls and structures. Utilizing the reference noise level data described above, as well as the proposed building locations/heights and acoustically relevant buildings in the surrounding area, SoundPLAN was used to calculate composite noise levels (i.e., the combined noise levels from all mechanical equipment) at the nearest sensitive receptors surrounding the Project Site. The modeled noise levels are provided in **Table 17: Mechanical Equipment Noise Levels**, and the modeled noise contours are provided in **Attachment F**.

Table 17: Mechanical Equipment Noise Levels

Receptor No.[1]	Land Use	Highest Modeled Noise Level (dBA L_{50})	Daytime Noise Standard (dBA L_{50})[2]	Exceeds Standard?	Nighttime Noise Standard (dBA L_{50})[2]	Exceeds Standard?
1	Residential (northeast)	52.0	61	No	56	No
12	Residential (west)	48.6	56	No	54	No

1. **See Attachment F** for modeled receptor locations. The nearest residential receptors with the highest modeled noise levels are provided for reporting purposes. All other residential receptors would experience lower noise levels than those shown.
2. The measured ambient noise levels exceed the MPMC noise standards. Therefore, the measured ambient noise level becomes the noise standard in accordance with MPMC Section 4.50.080(a). See the noise measurement data and established noise standards from the *Exterior Noise and Exterior Façade Acoustical Analysis* (Veneklasen Associates, 2024), and *1977 Saturn Data Center Project Noise and Vibration Analysis* (Kimley-Horn, September 3, 2024).

Source: See **Attachment F** for complete noise modeling data and results.

[5] National Electrical Manufactures Association, *Transformers, Regulators, and Reactors TR 1-2013*, 2019.

As indicated in **Table 17**, Project-generated noise levels at the nearest residential receptors would reach up to 52.0 dBA and 48.6 dBA, respectively, and would not exceed the City's established noise standards. Similarly, the level of noise generated by the Project is less than the ambient levels of noise in the existing environmental based on the daytime and nighttime noise measurements taken at locations around the Project Site and the modeled composite operational noise levels associated with the Project. It should also be noted that the MPMC does not contain a noise measurement methodology, or quantitative decibel-based criteria, that determines a level of significance for noise level increases. Nonetheless, the increase in the level of noise that will result from the Project would not exceed the City's noise level standards. In addition, noise from the Project would not result in substantial noise increases and is expected to be barely perceptible and negligible based on industry standard noise characteristics and acoustical factors. The Project would not generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the Project in excess of standards established in the local general plan or noise ordinance. Therefore, operational noise impacts would remain less than significant, as identified in the IS/MND.

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Attachment A: Potential to Emit Calculations

Building Base Elevation	369	ft	
Generator Base Elevation	369	ft	
Stack Height	47	ft	5 ft above building parapet
Gas Exit Temp	902	F	
Stack Inside Diameter	0.61	m	
Gas Exit Velocity	20233	CFM	

Equipment Information			
# Engines	Engine Model	Engine Tier	KW
24	Cummins Inc. QSK78	Tier IV	2750

Emissions from Generators

Equipment Information			
# Engines	Engine Model	Engine Tier	KW
24	QSK78	Tier IV	2750

Emission Factor (Controlled)								
	VOC	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$	HAPs	Single HAP
g/hp-hr	0.140	0.500	1.000	0.006	0.022	0.022	1.72E-03	8.95E-04
g/kw-hr	0.188	0.671	1.341	0.007	0.030	0.030	2.31E-03	1.20E-03
lb/kw-hr	0.00041	0.00148	0.00296	0.00002	0.00007	0.00007	5.09E-06	2.65E-06
lb/hr	1.13821	4.06505	8.13010	0.04472	0.17886	0.17886	1.40E-02	7.28E-03

Emissions factors for tier 4 engines : https://dieselnet.com/standards/us/nonroad.php

Operation Schedule for PTE Calculation		
Total Hours/year	Number of Engines	Total KW-hrs
50	24	3,300,000
	Total	3,300,000

Criteria Pollutant Emission Calculations								
	VOC	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$	HAPs	Single HAP
Annual Testing (50 Hours) Emissions Per Unit (lbs/yr)	56.911	203.253	406.505	2.236	8.943	8.943	0.699	0.364
Annual Testing (50 hours) Emissions Facility-Wide (lbs/yr	1365.857	4878.062	9756.124	53.659	214.635	214.635	0.336	0.175
Facility Wide PTE (tpy)	0.683	2.439	4.878	0.027	0.107	0.107	1.68E-04	8.73E-05
Title V Threshold	10	10	10	10	10	10	25	10
Exceed Thredhold?	No	No	No	No	No	No	No	No

Emissions from Generators (Based on worst peak demand)

Equipment Information		
# Engines	Engine Tier	KW
24	Tier IV	2750

Emission Factor (Controlled)						
	VOC	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$
g/hp-hr	0.140	0.500	1.000	0.006	0.022	0.022
g/kw-hr	0.188	0.671	1.341	0.007	0.030	0.030
lb/kw-hr	0.00041	0.00148	0.00296	0.00002	0.00007	0.00007
lb/hr	1.13821	4.06505	8.13010	0.04472	0.17886	0.17886

Emissions factors for tier 4 engines : https://dieselnet.com/standards/us/nonroad.php

Operation Schedule for PTE Calculation		
Permitted Hours Per Month Per Generator	Number of Engines	Allowable Testing hours per day
4.2	24	13

* SCAQMD will limit maintenance to no more than 4.2 hours per month

Criteria Pollutant Emission Calculations						
	VOC	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$
Testing Emissions 13 hours total per day	14.80	52.85	105.69	0.58	2.33	2.33
Operational Emissions (Other Source CalEEMod)	8.6	0.3	13.6	0.0	0.5	0.1
Total Project Daily Emissions	23.42	53.11	119.30	0.58	2.79	2.46
SCAQMD Threshold	55	55	550	150	150	55
Exceed Thredhold?	No	No	No	No	No	No

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Attachment B: AQ and GHG Modeling Data

Saturn Data Center Project - Construction Only Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Saturn Data Center Project - Construction Only
Construction Start Date	9/1/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.2
Location	1977 Saturn St, Monterey Park, CA 91755, USA
County	Los Angeles-South Coast
City	Monterey Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4170
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.30

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Office Building	247	1000sqft	5.68	247,480	113,291	0.00	—	—
Parking Lot	68.0	Space	0.61	0.00	0.00	0.00	—	—

General Office Building	24.0	1000sqft	0.55	24,000	0.00	0.00	—	Proxy to substation

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	39.7	39.4	27.0	22.8	0.06	0.97	4.17	5.14	0.89	0.78	1.67	—	7,518	7,518	0.36	0.64	9.78	7,729
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.12	5.76	97.3	68.6	0.33	2.58	17.7	20.3	2.41	6.45	8.86	—	47,326	47,326	2.46	6.35	2.43	49,220
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	7.45	7.35	13.0	11.5	0.04	0.35	2.27	2.62	0.32	0.70	1.03	—	6,095	6,095	0.32	0.78	5.04	6,341
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.36	1.34	2.37	2.10	0.01	0.06	0.41	0.48	0.06	0.13	0.19	—	1,009	1,009	0.05	0.13	0.83	1,050

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	3.23	2.52	27.0	22.8	0.06	0.97	4.17	5.14	0.89	0.78	1.67	—	7,518	7,518	0.36	0.64	9.78	7,729
2026	1.74	1.43	11.7	19.3	0.03	0.40	1.52	1.91	0.36	0.37	0.73	—	4,962	4,962	0.20	0.26	7.73	5,051
2027	39.7	39.4	7.74	15.9	0.02	0.19	1.97	2.17	0.18	0.48	0.66	—	4,057	4,057	0.17	0.25	8.58	4,146
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	9.12	5.76	97.3	68.6	0.33	2.58	17.7	20.3	2.41	6.45	8.86	—	47,326	47,326	2.46	6.14	2.37	49,220
2026	6.45	3.69	74.3	54.9	0.32	1.54	13.9	15.4	1.44	4.14	5.58	—	45,999	45,999	2.44	6.35	2.43	47,955
2027	1.16	0.95	6.93	11.9	0.02	0.18	1.52	1.69	0.16	0.37	0.53	—	3,402	3,402	0.11	0.24	0.19	3,476
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.24	0.80	13.0	9.11	0.04	0.35	2.27	2.62	0.32	0.70	1.03	—	6,095	6,095	0.32	0.78	5.04	6,341
2026	1.09	0.89	7.22	11.5	0.02	0.24	1.02	1.26	0.21	0.25	0.46	—	3,054	3,054	0.13	0.18	2.28	3,113
2027	7.45	7.35	3.05	5.56	0.01	0.08	0.70	0.78	0.07	0.17	0.24	—	1,523	1,523	0.05	0.10	1.39	1,555
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.23	0.15	2.37	1.66	0.01	0.06	0.41	0.48	0.06	0.13	0.19	—	1,009	1,009	0.05	0.13	0.83	1,050
2026	0.20	0.16	1.32	2.10	< 0.005	0.04	0.19	0.23	0.04	0.05	0.08	—	506	506	0.02	0.03	0.38	515
2027	1.36	1.34	0.56	1.01	< 0.005	0.01	0.13	0.14	0.01	0.03	0.04	—	252	252	0.01	0.02	0.23	258

3. Construction Emissions Details

3.1. Phase 1 Demolition (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	2.86	2.40	22.2	19.9	0.03	0.92	—	0.92	0.84	—	0.84	—	3,425	3,425	0.14	0.03	—	3,437
Demoliti on	—	—	—	—	—	—	2.94	2.94	—	0.44	0.44	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	2.86	2.40	22.2	19.9	0.03	0.92	—	0.92	0.84	—	0.84	—	3,425	3,425	0.14	0.03	—	3,437
Demoliti on	—	—	—	—	—	—	2.94	2.94	—	0.44	0.44	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.34	0.29	2.68	2.40	< 0.005	0.11	—	0.11	0.10	—	0.10	—	413	413	0.02	< 0.005	—	414
Demoliti on	—	—	—	—	—	—	0.35	0.35	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.06	0.05	0.49	0.44	< 0.005	0.02	—	0.02	0.02	—	0.02	—	68.4	68.4	< 0.005	< 0.005	—	68.6
Demoliti on	—	—	—	—	—	—	0.06	0.06	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	1.04	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	207	207	0.01	0.01	0.76	210
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.30	0.06	4.77	1.85	0.03	0.05	1.04	1.09	0.05	0.28	0.33	—	3,886	3,886	0.21	0.61	9.02	4,082
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.07	0.88	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	197	197	0.01	0.01	0.02	199
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.30	0.06	4.96	1.87	0.03	0.05	1.04	1.09	0.05	0.28	0.33	—	3,887	3,887	0.21	0.61	0.23	4,075
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	24.0	24.0	< 0.005	< 0.005	0.04	24.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.04	0.01	0.60	0.22	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	469	469	0.03	0.07	0.47	492
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.98	3.98	< 0.005	< 0.005	0.01	4.04
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.11	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	77.6	77.6	< 0.005	0.01	0.08	81.4

3.3. Phase 1 Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.94	3.31	31.6	30.2	0.05	1.37	—	1.37	1.26	—	1.26	—	5,295	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	5.11	5.11	—	2.63	2.63	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	0.22	2.08	1.98	< 0.005	0.09	—	0.09	0.08	—	0.08	—	348	348	0.01	< 0.005	—	349
Dust From Material Movement	—	—	—	—	—	—	0.34	0.34	—	0.17	0.17	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.38	0.36	< 0.005	0.02	—	0.02	0.02	—	0.02	—	57.6	57.6	< 0.005	< 0.005	—	57.8
Dust From Material Movement	—	—	—	—	—	—	0.06	0.06	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.08	1.03	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	229	229	0.01	0.01	0.02	232
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	15.3	15.3	< 0.005	< 0.005	0.03	15.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.53	2.53	< 0.005	< 0.005	< 0.005	2.57
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Phase 1 Grading (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	2.07	1.74	16.3	17.9	0.03	0.72	—	0.72	0.66	—	0.66	—	2,959	2,959	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	—	1.85	1.85	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.20	1.88	2.07	< 0.005	0.08	—	0.08	0.08	—	0.08	—	342	342	0.01	< 0.005	—	343
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.10	0.10	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.34	0.38	< 0.005	0.02	—	0.02	0.01	—	0.01	—	56.6	56.6	< 0.005	< 0.005	—	56.8
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.07	0.88	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	197	197	0.01	0.01	0.02	199
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.95	0.57	49.3	18.6	0.26	0.49	10.3	10.8	0.49	2.83	3.32	—	38,645	38,645	2.10	6.06	2.32	40,506
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	23.0	23.0	< 0.005	< 0.005	0.04	23.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.34	0.07	5.75	2.14	0.03	0.06	1.18	1.24	0.06	0.32	0.38	—	4,461	4,461	0.24	0.70	4.47	4,680
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.81	3.81	< 0.005	< 0.005	0.01	3.86
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.06	0.01	1.05	0.39	0.01	0.01	0.22	0.23	0.01	0.06	0.07	—	739	739	0.04	0.12	0.74	775

3.7. Phase 1 Grading (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.96	1.65	15.0	17.4	0.03	0.65	—	0.65	0.59	—	0.59	—	2,960	2,960	0.12	0.02	—	2,970

Dust From Material Movement	—	—	—	—	—	—	1.85	1.85	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.79	5.79	< 0.005	< 0.005	—	5.81
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.96	0.96	< 0.005	< 0.005	—	0.96
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.07	0.83	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	193	193	0.01	0.01	0.02	195

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.69	0.57	47.5	18.1	0.26	0.49	10.3	10.8	0.49	2.83	3.32	—	37,946	37,946	2.10	6.06	2.21	39,806
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.38	0.38	< 0.005	< 0.005	< 0.005	0.39
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.09	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	74.2	74.2	< 0.005	0.01	0.07	77.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.06
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.3	12.3	< 0.005	< 0.005	0.01	12.9

3.9. Phase 1 Building Construction and Utilities (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.28	1.07	9.85	13.0	0.02	0.38	—	0.38	0.35	—	0.35	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.28	1.07	9.85	13.0	0.02	0.38	—	0.38	0.35	—	0.35	—	2,397	2,397	0.10	0.02	—	2,405

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.45	4.10	5.40	0.01	0.16	—	0.16	0.15	—	0.15	—	998	998	0.04	0.01	—	1,002
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.75	0.99	< 0.005	0.03	—	0.03	0.03	—	0.03	—	165	165	0.01	< 0.005	—	166
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.36	0.32	0.34	5.61	0.00	0.00	1.14	1.14	0.00	0.27	0.27	—	1,177	1,177	0.05	0.04	3.98	1,194
Vendor	0.10	0.04	1.53	0.74	0.01	0.02	0.38	0.40	0.01	0.11	0.12	—	1,387	1,387	0.06	0.20	3.75	1,451
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.36	0.32	0.38	4.79	0.00	0.00	1.14	1.14	0.00	0.27	0.27	—	1,116	1,116	0.05	0.04	0.10	1,129
Vendor	0.10	0.04	1.60	0.76	0.01	0.02	0.38	0.40	0.01	0.11	0.12	—	1,388	1,388	0.06	0.20	0.10	1,448
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.13	0.17	2.09	0.00	0.00	0.47	0.47	0.00	0.11	0.11	—	472	472	0.02	0.02	0.72	478
Vendor	0.04	0.02	0.67	0.31	< 0.005	0.01	0.16	0.17	< 0.005	0.04	0.05	—	578	578	0.02	0.08	0.67	604

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.03	0.38	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	78.1	78.1	< 0.005	< 0.005	0.12	79.1
Vendor	0.01	< 0.005	0.12	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	95.7	95.7	< 0.005	0.01	0.11	99.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Phase 2 Interior Construction (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.64	5.27	6.78	0.01	0.19	—	0.19	0.18	—	0.18	—	947	947	0.04	0.01	—	950
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.64	5.27	6.78	0.01	0.19	—	0.19	0.18	—	0.18	—	947	947	0.04	0.01	—	950
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.26	1.62	< 0.005	0.05	—	0.05	0.04	—	0.04	—	226	226	0.01	< 0.005	—	227

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.23	0.30	< 0.005	0.01	—	0.01	0.01	—	0.01	—	37.4	37.4	< 0.005	< 0.005	—	37.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.36	0.32	0.34	5.61	0.00	0.00	1.14	1.14	0.00	0.27	0.27	—	1,177	1,177	0.05	0.04	3.98	1,194
Vendor	0.10	0.04	1.53	0.74	0.01	0.02	0.38	0.40	0.01	0.11	0.12	—	1,387	1,387	0.06	0.20	3.75	1,451
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.36	0.32	0.38	4.79	0.00	0.00	1.14	1.14	0.00	0.27	0.27	—	1,116	1,116	0.05	0.04	0.10	1,129
Vendor	0.10	0.04	1.60	0.76	0.01	0.02	0.38	0.40	0.01	0.11	0.12	—	1,388	1,388	0.06	0.20	0.10	1,448
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.10	1.20	0.00	0.00	0.27	0.27	0.00	0.06	0.06	—	270	270	0.01	0.01	0.41	274
Vendor	0.02	0.01	0.38	0.18	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	331	331	0.01	0.05	0.39	346
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.22	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	44.8	44.8	< 0.005	< 0.005	0.07	45.4
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	54.8	54.8	< 0.005	0.01	0.06	57.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Phase 2 Interior Construction (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.73	0.61	5.03	6.75	0.01	0.17	—	0.17	0.15	—	0.15	—	947	947	0.04	0.01	—	950
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.73	0.61	5.03	6.75	0.01	0.17	—	0.17	0.15	—	0.15	—	947	947	0.04	0.01	—	950
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.25	2.09	2.80	< 0.005	0.07	—	0.07	0.06	—	0.06	—	393	393	0.02	< 0.005	—	394
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.38	0.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	65.0	65.0	< 0.005	< 0.005	—	65.2

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.35	0.31	0.30	5.22	0.00	0.00	1.14	1.14	0.00	0.27	0.27	—	1,154	1,154	0.05	0.04	3.60	1,172
Vendor	0.09	0.04	1.46	0.70	0.01	0.01	0.38	0.39	0.01	0.11	0.12	—	1,360	1,360	0.06	0.19	3.55	1,421
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.35	0.30	0.37	4.42	0.00	0.00	1.14	1.14	0.00	0.27	0.27	—	1,095	1,095	0.02	0.04	0.09	1,107
Vendor	0.09	0.04	1.52	0.71	0.01	0.01	0.38	0.39	0.01	0.11	0.12	—	1,361	1,361	0.06	0.19	0.09	1,419
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.13	0.16	1.93	0.00	0.00	0.47	0.47	0.00	0.11	0.11	—	461	461	0.01	0.02	0.64	467
Vendor	0.04	0.02	0.64	0.29	< 0.005	< 0.005	0.16	0.16	< 0.005	0.04	0.05	—	565	565	0.02	0.08	0.64	589
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.03	0.35	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	76.3	76.3	< 0.005	< 0.005	0.11	77.3
Vendor	0.01	< 0.005	0.12	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	93.5	93.5	< 0.005	0.01	0.11	97.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Phase 1 Paving (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.91	0.76	7.12	9.94	0.01	0.32	—	0.32	0.29	—	0.29	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.08	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.41	0.57	< 0.005	0.02	—	0.02	0.02	—	0.02	—	86.9	86.9	< 0.005	< 0.005	—	87.2
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.4	14.4	< 0.005	< 0.005	—	14.4
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.97	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	203	203	0.01	0.01	0.69	206

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.2	11.2	< 0.005	< 0.005	0.02	11.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.86	1.86	< 0.005	< 0.005	< 0.005	1.89
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Phase 2 Architectural Coating (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	0.83	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	38.3	38.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.15	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.1	24.1	< 0.005	< 0.005	—	24.2
Architectural Coatings	6.92	6.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.00	4.00	< 0.005	< 0.005	—	4.01
Architectural Coatings	1.26	1.26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.12	0.12	2.09	0.00	0.00	0.45	0.45	0.00	0.11	0.11	—	462	462	0.02	0.02	1.44	469
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.03	0.34	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	80.3	80.3	< 0.005	< 0.005	0.11	81.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.3	13.3	< 0.005	< 0.005	0.02	13.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Phase 1 Demolition	Demolition	9/1/2025	10/30/2025	5.00	44.0	—
Phase 1 Site Preparation	Site Preparation	10/31/2025	12/3/2025	5.00	24.0	—
Phase 1 Grading	Grading	11/3/2025	1/1/2026	5.00	44.0	—
Phase 1 Building Construction and Utilities	Building Construction	1/1/2026	8/1/2026	5.00	152	—

Phase 2 Interior Construction	Building Construction	9/1/2026	7/31/2027	5.00	239	—
Phase 1 Paving	Paving	8/2/2026	8/31/2026	5.00	21.0	—
Phase 2 Architectural Coating	Architectural Coating	6/1/2027	8/31/2027	5.00	66.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 1 Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Phase 1 Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Phase 1 Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Phase 1 Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Phase 1 Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Phase 1 Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Phase 1 Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Phase 1 Grading	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Phase 1 Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Phase 1 Building Construction and Utilities	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Phase 1 Building Construction and Utilities	Cranes	Diesel	Average	1.00	7.00	367	0.29
Phase 1 Building Construction and Utilities	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20

Phase 1 Building Construction and Utilities	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Phase 1 Building Construction and Utilities	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Phase 2 Interior Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Phase 2 Interior Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Phase 2 Interior Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Phase 2 Interior Construction	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48
Phase 1 Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Phase 1 Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Phase 1 Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Phase 2 Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 1 Demolition	—	—	—	—
Phase 1 Demolition	Worker	15.0	18.5	LDA,LDT1,LDT2
Phase 1 Demolition	Vendor	—	10.2	HHDT,MHDT
Phase 1 Demolition	Hauling	56.1	20.0	HHDT
Phase 1 Demolition	Onsite truck	—	—	HHDT
Phase 1 Site Preparation	—	—	—	—
Phase 1 Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Phase 1 Site Preparation	Vendor	—	10.2	HHDT,MHDT

Phase 1 Site Preparation	Hauling	0.00	20.0	HHDT
Phase 1 Site Preparation	Onsite truck	—	—	HHDT
Phase 1 Building Construction and Utilities	—	—	—	—
Phase 1 Building Construction and Utilities	Worker	86.9	18.5	LDA,LDT1,LDT2
Phase 1 Building Construction and Utilities	Vendor	44.5	10.2	HHDT,MHDT
Phase 1 Building Construction and Utilities	Hauling	0.00	20.0	HHDT
Phase 1 Building Construction and Utilities	Onsite truck	—	—	HHDT
Phase 2 Interior Construction	—	—	—	—
Phase 2 Interior Construction	Worker	86.9	18.5	LDA,LDT1,LDT2
Phase 2 Interior Construction	Vendor	44.5	10.2	HHDT,MHDT
Phase 2 Interior Construction	Hauling	0.00	20.0	HHDT
Phase 2 Interior Construction	Onsite truck	—	—	HHDT
Phase 1 Paving	—	—	—	—
Phase 1 Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Phase 1 Paving	Vendor	—	10.2	HHDT,MHDT
Phase 1 Paving	Hauling	0.00	20.0	HHDT
Phase 1 Paving	Onsite truck	—	—	HHDT
Phase 1 Grading	—	—	—	—
Phase 1 Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
Phase 1 Grading	Vendor	—	10.2	HHDT,MHDT
Phase 1 Grading	Hauling	558	20.0	HHDT
Phase 1 Grading	Onsite truck	—	—	HHDT
Phase 2 Architectural Coating	—	—	—	—
Phase 2 Architectural Coating	Worker	34.7	18.5	LDA,LDT1,LDT2
Phase 2 Architectural Coating	Vendor	—	10.2	HHDT,MHDT

Phase 2 Architectural Coating	Hauling	0.00	20.0	HHDT
Phase 2 Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Phase 2 Architectural Coating	0.00	0.00	407,220	135,740	1,600

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Phase 1 Demolition	0.00	0.00	0.00	9,871	—
Phase 1 Site Preparation	0.00	0.00	36.0	0.00	—
Phase 1 Grading	196,275	—	20.0	0.00	—
Phase 1 Paving	0.00	0.00	0.00	0.00	0.61

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
General Office Building	0.00	0%
Parking Lot	0.61	100%
General Office Building	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	532	0.03	< 0.005
2026	0.00	532	0.03	< 0.005
2027	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	16.2	annual days of extreme heat
Extreme Precipitation	5.55	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A

Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	65.7
AQ-PM	83.4
AQ-DPM	56.8
Drinking Water	85.4
Lead Risk Housing	89.3
Pesticides	36.2
Toxic Releases	81.8
Traffic	97.9
Effect Indicators	—
CleanUp Sites	68.9
Groundwater	0.00
Haz Waste Facilities/Generators	60.2
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	17.4
Cardio-vascular	7.94
Low Birth Weights	49.3
Socioeconomic Factor Indicators	—
Education	66.5
Housing	54.1
Linguistic	71.2
Poverty	43.7
Unemployment	77.1

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	40.31823431
Employed	23.22597203
Median HI	54.35647376
Education	—
Bachelor's or higher	44.23200308
High school enrollment	100
Preschool enrollment	79.96920313
Transportation	—
Auto Access	45.25856538
Active commuting	40.56204286
Social	—
2-parent households	45.09174901
Voting	70.05004491
Neighborhood	—
Alcohol availability	52.77813422
Park access	37.2770435
Retail density	8.045682022
Supermarket access	42.53817529
Tree canopy	87.74541255
Housing	—
Homeownership	63.76235083
Housing habitability	42.25587065
Low-inc homeowner severe housing cost burden	26.4724753
Low-inc renter severe housing cost burden	54.20248941

Uncrowded housing	23.82907738
Health Outcomes	—
Insured adults	56.08879764
Arthritis	0.0
Asthma ER Admissions	88.3
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	63.8
Cognitively Disabled	64.4
Physically Disabled	73.0
Heart Attack ER Admissions	94.8
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	91.1
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0

Children	31.0
Elderly	16.2
English Speaking	17.4
Foreign-born	85.5
Outdoor Workers	54.7
Climate Change Adaptive Capacity	—
Impervious Surface Cover	40.4
Traffic Density	96.5
Traffic Access	23.0
Other Indices	—
Hardship	65.0
Other Decision Support	—
2016 Voting	32.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	63.0
Healthy Places Index Score for Project Location (b)	48.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Square footage according to project description.
Construction: Construction Phases	Changes according to client's project construction schedule
Construction: Off-Road Equipment	anticipated construction equipment based on assumptions

Saturn Data Center Project - Operations Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Saturn Data Center Project - Operations
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.2
Location	1977 Saturn St, Monterey Park, CA 91755, USA
County	Los Angeles-South Coast
City	Monterey Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4170
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.30

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Office Building	247	1000sqft	5.68	247,480	113,291	0.00	—	—
Parking Lot	68.0	Space	0.61	0.00	0.00	0.00	—	—

General Office Building	24.0	1000sqft	0.55	24,000	0.00	0.00	—	Proxy for Substation

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	8.81	8.63	0.26	13.7	0.01	0.02	0.45	0.48	0.02	0.12	0.13	153	376,607	376,760	54.6	4.82	2.17	379,564
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.71	6.68	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	153	376,538	376,691	54.6	4.82	0.70	379,494
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	8.14	8.01	0.24	9.84	0.01	0.02	0.45	0.47	0.01	0.11	0.13	153	376,577	376,730	54.6	4.82	1.31	379,533
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.49	1.46	0.04	1.80	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	25.3	62,347	62,372	9.04	0.80	0.22	62,836

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.21	0.18	0.16	1.88	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	491	491	0.02	0.02	1.51	498
Area	8.60	8.44	0.10	11.8	< 0.005	0.02	—	0.02	0.02	—	0.02	—	48.6	48.6	< 0.005	< 0.005	—	48.7
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	376,015	376,015	39.3	4.76	—	378,415
Water	—	—	—	—	—	—	—	—	—	—	—	16.9	52.8	69.7	1.73	0.04	—	125
Waste	—	—	—	—	—	—	—	—	—	—	—	136	0.00	136	13.6	0.00	—	476
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66	0.66
Total	8.81	8.63	0.26	13.7	0.01	0.02	0.45	0.48	0.02	0.12	0.13	153	376,607	376,760	54.6	4.82	2.17	379,564
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.20	0.18	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	470	470	0.02	0.02	0.04	477
Area	6.50	6.50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	376,015	376,015	39.3	4.76	—	378,415
Water	—	—	—	—	—	—	—	—	—	—	—	16.9	52.8	69.7	1.73	0.04	—	125
Waste	—	—	—	—	—	—	—	—	—	—	—	136	0.00	136	13.6	0.00	—	476
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66	0.66
Total	6.71	6.68	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	153	376,538	376,691	54.6	4.82	0.70	379,494
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.20	0.18	0.17	1.76	< 0.005	< 0.005	0.45	0.45	< 0.005	0.11	0.12	—	476	476	0.02	0.02	0.65	483
Area	7.94	7.83	0.07	8.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	33.3	33.3	< 0.005	< 0.005	—	33.4
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	376,015	376,015	39.3	4.76	—	378,415
Water	—	—	—	—	—	—	—	—	—	—	—	16.9	52.8	69.7	1.73	0.04	—	125
Waste	—	—	—	—	—	—	—	—	—	—	—	136	0.00	136	13.6	0.00	—	476
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66	0.66
Total	8.14	8.01	0.24	9.84	0.01	0.02	0.45	0.47	0.01	0.11	0.13	153	376,577	376,730	54.6	4.82	1.31	379,533
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	0.04	0.03	0.03	0.32	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	78.8	78.8	< 0.005	< 0.005	0.11	79.9
Area	1.45	1.43	0.01	1.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.51	5.51	< 0.005	< 0.005	—	5.53
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	62,254	62,254	6.50	0.79	—	62,651
Water	—	—	—	—	—	—	—	—	—	—	—	2.79	8.75	11.5	0.29	0.01	—	20.8
Waste	—	—	—	—	—	—	—	—	—	—	—	22.5	0.00	22.5	2.25	0.00	—	78.8
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.11	0.11
Total	1.49	1.46	0.04	1.80	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	25.3	62,347	62,372	9.04	0.80	0.22	62,836

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.21	0.18	0.16	1.88	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	491	491	0.02	0.02	1.51	498
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.21	0.18	0.16	1.88	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	491	491	0.02	0.02	1.51	498
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.20	0.18	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	470	470	0.02	0.02	0.04	477

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.20	0.18	0.17	1.71	< 0.005	< 0.005	0.45	0.46	< 0.005	0.12	0.12	—	470	470	0.02	0.02	0.04	477
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.04	0.03	0.03	0.32	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	78.8	78.8	< 0.005	< 0.005	0.11	79.9
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.04	0.03	0.03	0.32	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	78.8	78.8	< 0.005	< 0.005	0.11	79.9

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	376,015	376,015	39.3	4.76	—	378,415
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	376,015	376,015	39.3	4.76	—	378,415
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	376,015	376,015	39.3	4.76	—	378,415
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	—	—	376,015	376,015	39.3	4.76	—	378,415
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	62,254	62,254	6.50	0.79	—	62,651
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	62,254	62,254	6.50	0.79	—	62,651

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	5.81	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.69	0.69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	2.10	1.94	0.10	11.8	< 0.005	0.02	—	0.02	0.02	—	0.02	—	48.6	48.6	< 0.005	< 0.005	—	48.7
Total	8.60	8.44	0.10	11.8	< 0.005	0.02	—	0.02	0.02	—	0.02	—	48.6	48.6	< 0.005	< 0.005	—	48.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	5.81	5.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	0.69	0.69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	6.50	6.50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.06	1.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.13	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.26	0.24	0.01	1.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.51	5.51	< 0.005	< 0.005	—	5.53
Total	1.45	1.43	0.01	1.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.51	5.51	< 0.005	< 0.005	—	5.53

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	16.9	52.8	69.7	1.73	0.04	—	125
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	16.9	52.8	69.7	1.73	0.04	—	125

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	16.9	52.8	69.7	1.73	0.04	—	125
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	16.9	52.8	69.7	1.73	0.04	—	125
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.79	8.75	11.5	0.29	0.01	—	20.8
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.79	8.75	11.5	0.29	0.01	—	20.8

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	136	0.00	136	13.6	0.00	—	476
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	136	0.00	136	13.6	0.00	—	476

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	136	0.00	136	13.6	0.00	—	476
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	136	0.00	136	13.6	0.00	—	476
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	22.5	0.00	22.5	2.25	0.00	—	78.8
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	22.5	0.00	22.5	2.25	0.00	—	78.8

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66	0.66
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66	0.66
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66	0.66
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.66	0.66
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.11	0.11
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.11	0.11

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipm Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
General Office Building	54.0	54.0	54.0	19,710	640	640	640	233,427
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	407,220	135,740	1,600

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00

Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Office Building	434,320,800	316	0.0330	0.0040	0.00
Parking Lot	0.00	316	0.0330	0.0040	0.00
General Office Building	0.00	316	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	7,744,570	218,065
Parking Lot	0.00	0.00
General Office Building	1,051,200	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Office Building	230	—
Parking Lot	0.00	—
General Office Building	22.3	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	16.2	annual days of extreme heat
Extreme Precipitation	5.55	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2

Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	65.7
AQ-PM	83.4
AQ-DPM	56.8
Drinking Water	85.4
Lead Risk Housing	89.3
Pesticides	36.2
Toxic Releases	81.8
Traffic	97.9
Effect Indicators	—
CleanUp Sites	68.9
Groundwater	0.00

Haz Waste Facilities/Generators	60.2
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	17.4
Cardio-vascular	7.94
Low Birth Weights	49.3
Socioeconomic Factor Indicators	—
Education	66.5
Housing	54.1
Linguistic	71.2
Poverty	43.7
Unemployment	77.1

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	40.31823431
Employed	23.22597203
Median HI	54.35647376
Education	—
Bachelor's or higher	44.23200308
High school enrollment	100
Preschool enrollment	79.96920313
Transportation	—
Auto Access	45.25856538
Active commuting	40.56204286

Social	—
2-parent households	45.09174901
Voting	70.05004491
Neighborhood	—
Alcohol availability	52.77813422
Park access	37.2770435
Retail density	8.045682022
Supermarket access	42.53817529
Tree canopy	87.74541255
Housing	—
Homeownership	63.76235083
Housing habitability	42.25587065
Low-inc homeowner severe housing cost burden	26.4724753
Low-inc renter severe housing cost burden	54.20248941
Uncrowded housing	23.82907738
Health Outcomes	—
Insured adults	56.08879764
Arthritis	0.0
Asthma ER Admissions	88.3
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	63.8
Cognitively Disabled	64.4
Physically Disabled	73.0

Heart Attack ER Admissions	94.8
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	91.1
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	31.0
Elderly	16.2
English Speaking	17.4
Foreign-born	85.5
Outdoor Workers	54.7
Climate Change Adaptive Capacity	—
Impervious Surface Cover	40.4
Traffic Density	96.5
Traffic Access	23.0
Other Indices	—
Hardship	65.0
Other Decision Support	—
2016 Voting	32.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	63.0
Healthy Places Index Score for Project Location (b)	48.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Operations: Vehicle Data	Changes according to Project Trip Rate
Operations: Energy Use	Values provided by client.
Operations: Water and Waste Water	Values provided by client.
Characteristics: Utility Information	Per RPS CO2 intensity

Kimley»Horn

Attachment C: Health Risk Data

CONSTRUCTION

			Days	Vendor	Hauling	Vendor	Hauling						Construction Duration (day
	2025												
Demo	9/1/2025	10/30/2025	44	0	56	0	2464	Phase I					
Site Prep	10/31/2025	12/3/2025	24	0	0	0	0	2025	2026	2027	Total	# Mons	
Grading	11/3/2025	12/31/2025	43	0	557	0	23951	88	261	173	522	23	1.9166667
	2026												
Grading	1/1/2026	1/1/2025	1	0	557	0	557						
Building Phase I	1/1/2026	8/1/2026	152	40	0	6080	0						
Paving	8/2/2026	8/31/2026	21	0	0	0	0						
Building Phase II	9/1/2026	12/31/2026	88	40	0	3520	0						
	2027												
Building Phase II	1/1/2027	7/31/2027	151	40	0	6040	0						
Arch Coating	6/1/2027	8/31/2027	66	0	0	0	0						

On-Site Construction PM10 Exhaust (tons/yr)

Year	Phase	Emissions
2025	Demo	2.02E-02
2025	Site Prep	1.64E-02
2025	Grading	3.90E-02
	Total 2025	7.55E-02
2026	Grading	6.60E-04
2026	Building Phase I	2.88E-02
2026	Paving	3.36E-03
2026	Building Phase II	8.48E-03
	Total 2026	4.13E-02
2027	Building Phase II	1.26E-02
2027	Arch Coating	6.29E-04
	Total 2027	1.32E-02

Off-Site Construction PM10 Exhaust (tons/yr)

Year	Phase	Emissions
2025	Demo	1.09E-03
2025	Site Prep	0.00E+00
2025	Grading	2.26E-01
	Total 2025	2.27E-01
2026	Grading	3.66E-03
2026	Building Phase I	1.36E-03
2026	Paving	0.00E+00
2026	Building Phase II	7.79E-04
	Total 2026	5.80E-03
2027	Building Phase II	6.76E-04
2027	Arch Coating	0.00E+00
	Total 2027	6.76E-04

Construction

Group: ONSITE PM10 Exhaust Onsite

Year	Unmitigated Tons/Year	g/s	Weighted Average On-Site Rate	AERMOD Unitized Rate (g/s)
2025	7.55E-02	2.70E-02	7.58E-03	1
2026	4.13E-02	4.98E-03		
2027	1.32E-02	1.59E-03		

Group: OFFSITE

	Trips		Miles		Weighted
Year	Vendor	Hauling	Vendor	Hauling	Trip length
2025	0	26415	10.2	20	20.00
2026	9600	0	10.2	20	10.20
2027	6040	0	10.2	20	10.20

PM2.5 Exhaust Off-Site

	Tons/Year	g/s	g/s per mile	Weighted Average Off-Site Rate
2025	0.2273	8.14E-02	4.07E-03	7.23E-04
2026	5.80E-03	6.99E-04	6.86E-05	
2027	6.76E-04	8.16E-05	8.00E-06	

Group: OFFSITE

Roadway	Speed	Length (meters)	Length (Miles)	Emissions (g/sec per mile)	Emission Rate (g/sec)
Saturn Street	40	1197	0.74	7.23E-04	5.38E-04

OPERATIONS
Group: Generator

Generators	# of Generators	Emission factor (tons/yr)	Emission factor (g/sec)	AERMOD Unitized Rate (g/s)
50 hours/year	24	1.646694	1.97E-03	0.0417

Risk Summary

Residential Exposure

Construction (Unmitigated)

Location	X	Y	X, Y	Rec #	Concentration	Construction Risk	Risk Per Million	Threhold	
Residences North	396951.15 397238.26	3767226.98 3767331.08	396951.15, 3767226.98	294	0.020609899	3.407E-06	3.406999844	1.00E-05	LTS

Operations (Unmitigated)

Location	X	Y	X, Y	Rec #	Concentration	Operational Risk	Risk Per Million	Threhold	
Residences North	397238.26	3767371.08	397238.26, 3767371.08	432	0.009377259	5.66706E-06	5.667063028	1.00E-05	LTS

Worker Exposure

Construction (Unmitigated)

Location	X	Y	X, Y	Rec #	Concentration	Construction Risk	Risk Per Million	Threhold	
Worker West	397131.15	3767046.98	397131.15, 3767046.98	184	0.015601617	1.62214E-07	0.162214073	1.00E-05	LTS

Operations (Unmitigated)

Location	X	Y	X, Y	Rec #	Concentration	Operational Risk	Risk Per Million	Threhold	
Worker West	396958.26	3767091.08	396958.26, 3767091.08	251	0.006137891	1.90073E-06	1.900732916	1.00E-05	LTS
On-Site Park	397360.82	3767189.11	397360.82, 3767189.11	572	0.003445309	1.06692E-06	1.066915674	1.00E-05	LTS

Table XX: Carcinogenic Risk Assessment

Exposure Scenario	Cancer Risk (Risk per Million)[1, 2]	Significance Threshold (Risk per Million)	Exceeds Significance Threshold?
Construction			
Residential	3.41	10	No
Worker	0.16	10	No
Operations			
Residential	5.67	10	No
Worker	1.90	10	No
Combined Construction + Operations			
Unmitigated Residential	6.35	10	No
Unmitigated Worker	2.06	10	No

Table XX: Chronic Hazard Assessment

Exposure Scenario	Annual Concentration (µg/m³)[1, 2]	Chronic Hazard [1]
Construction		
Residential	0.0206	0.0041
Worker	0.0156	0.0031
Operations		
Residential	0.0094	0.0019
Worker	0.0061	0.0012
SCAQMD Threshold	*N/A*	*1*
Threshold Exceeded?	N/A	No

[1] Refer to Appendix A. According to OEHHA, the REL for DPM is 5 and the target organ is the respiratory system.

[2] The reported pollutant concentration is at the closest receptor (maximally exposed individual receptor).

REL (DPM): 5

Hazard Index = Ci/RELi

Risk Parameters

Phase I Construction/Operations Only (Start 3rd Tri)

Age	BR/BW	ASF	FAH	Constructi ED	Operations ED
3rd Tri	361	10	0.85	0.25	0.25
0<2	1090	10	0.85	0.750	2.000
2<9	631	3	0.72	1	7
9<16	572	3	0.72	0	7
16<30	261	1	0.73	0	13.75
*Breathing rates are 95th percentile for 3rd to 2 and 80th percentile				2	30

CONSTRUCTION RISK (UNMITIGATED)

Unmitigated

Onsite	Offsite
7.58E-03	5.38E-04

Discrete Re	X	Y	X, Y	Concentration (AVERAGE CONC) [ug/m^3] Onsite	Offsite	Unmitigated Onsite	Offsite	Total
1	UCART1	396456.2	3766686.98	396456.15, 3766686.98	0.05501	0.08924	4.17E-04	4.80E-05	4.65E-04
2	UCART1	396501.2	3766686.98	396501.15, 3766686.98	0.06037	0.10603	4.57E-04	5.70E-05	5.14E-04
3	UCART1	396546.2	3766686.98	396546.15, 3766686.98	0.06619	0.12777	5.01E-04	6.87E-05	5.70E-04
4	UCART1	396591.2	3766686.98	396591.15, 3766686.98	0.07245	0.15627	5.49E-04	8.40E-05	6.33E-04
5	UCART1	396636.2	3766686.98	396636.15, 3766686.98	0.07906	0.19416	5.99E-04	1.04E-04	7.03E-04
6	UCART1	396681.2	3766686.98	396681.15, 3766686.98	0.08587	0.24505	6.51E-04	1.32E-04	7.82E-04
7	UCART1	396726.2	3766686.98	396726.15, 3766686.98	0.09276	0.31541	7.03E-04	1.70E-04	8.72E-04
8	UCART1	396771.2	3766686.98	396771.15, 3766686.98	0.09928	0.41222	7.52E-04	2.22E-04	9.74E-04
9	UCART1	396816.2	3766686.98	396816.15, 3766686.98	0.10552	0.55758	7.99E-04	3.00E-04	1.10E-03
10	UCART1	396861.2	3766686.98	396861.15, 3766686.98	0.11069	0.78173	8.39E-04	4.20E-04	1.26E-03
11	UCART1	396456.2	3766731.98	396456.15, 3766731.98	0.05761	0.09264	4.36E-04	4.98E-05	4.86E-04
12	UCART1	396501.2	3766731.98	396501.15, 3766731.98	0.0637	0.11128	4.83E-04	5.98E-05	5.42E-04
13	UCART1	396546.2	3766731.98	396546.15, 3766731.98	0.07059	0.13645	5.35E-04	7.34E-05	6.08E-04
14	UCART1	396591.2	3766731.98	396591.15, 3766731.98	0.07823	0.17107	5.93E-04	9.20E-05	6.85E-04
15	UCART1	396636.2	3766731.98	396636.15, 3766731.98	0.08675	0.22063	6.57E-04	1.19E-04	7.76E-04
16	UCART1	396681.2	3766731.98	396681.15, 3766731.98	0.09569	0.29201	7.25E-04	1.57E-04	8.82E-04
17	UCART1	396726.2	3766731.98	396726.15, 3766731.98	0.10486	0.39962	7.94E-04	2.15E-04	1.01E-03
18	UCART1	396771.2	3766731.98	396771.15, 3766731.98	0.11394	0.57015	8.63E-04	3.07E-04	1.17E-03
19	UCART1	396816.2	3766731.98	396816.15, 3766731.98	0.12267	0.85716	9.29E-04	4.61E-04	1.39E-03
20	UCART1	396861.2	3766731.98	396861.15, 3766731.98	0.13048	1.44671	9.88E-04	7.78E-04	1.77E-03
21	UCART1	396906.2	3766731.98	396906.15, 3766731.98	0.137	3.20436	1.04E-03	1.72E-03	2.76E-03
22	UCART1	396951.2	3766731.98	396951.15, 3766731.98	0.14201	4.17088	1.08E-03	2.24E-03	3.32E-03
23	UCART1	396996.2	3766731.98	396996.15, 3766731.98	0.14526	2.63365	1.10E-03	1.42E-03	2.52E-03
24	UCART1	397041.2	3766731.98	397041.15, 3766731.98	0.14666	0.80651	1.11E-03	4.34E-04	1.54E-03
25	UCART1	396456.2	3766776.98	396456.15, 3766776.98	0.06028	0.09534	4.57E-04	5.13E-05	5.08E-04
26	UCART1	396501.2	3766776.98	396501.15, 3766776.98	0.0671	0.11543	5.08E-04	6.21E-05	5.70E-04
27	UCART1	396546.2	3766776.98	396546.15, 3766776.98	0.07498	0.14313	5.68E-04	7.70E-05	6.45E-04
28	UCART1	396591.2	3766776.98	396591.15, 3766776.98	0.08416	0.18334	6.38E-04	9.86E-05	7.36E-04
29	UCART1	396636.2	3766776.98	396636.15, 3766776.98	0.09472	0.24381	7.18E-04	1.31E-04	8.49E-04
30	UCART1	396681.2	3766776.98	396681.15, 3766776.98	0.1061	0.33236	8.04E-04	1.79E-04	9.82E-04
31	UCART1	396726.2	3766776.98	396726.15, 3766776.98	0.11822	0.48752	8.96E-04	2.62E-04	1.16E-03
32	UCART1	396771.2	3766776.98	396771.15, 3766776.98	0.13088	0.76107	9.92E-04	4.09E-04	1.40E-03
33	UCART1	396816.2	3766776.98	396816.15, 3766776.98	0.14343	1.4068	1.09E-03	7.56E-04	1.84E-03
34	UCART1	396861.2	3766776.98	396861.15, 3766776.98	0.15531	3.13349	1.18E-03	1.68E-03	2.86E-03
35	UCART1	396906.2	3766776.98	396906.15, 3766776.98	0.16581	5.18096	1.26E-03	2.79E-03	4.04E-03
36	UCART1	396951.2	3766776.98	396951.15, 3766776.98	0.1743	6.0444	1.32E-03	3.25E-03	4.57E-03
37	UCART1	396996.2	3766776.98	396996.15, 3766776.98	0.18029	2.03026	1.37E-03	1.09E-03	2.46E-03
38	UCART1	397041.2	3766776.98	397041.15, 3766776.98	0.1835	0.92034	1.39E-03	4.95E-04	1.89E-03
39	UCART1	397086.2	3766776.98	397086.15, 3766776.98	0.18386	0.55179	1.39E-03	2.97E-04	1.69E-03
40	UCART1	397131.2	3766776.98	397131.15, 3766776.98	0.18149	0.3945	1.37E-03	2.12E-04	1.59E-03
41	UCART1	396456.2	3766821.98	396456.15, 3766821.98	0.06271	0.09674	4.75E-04	5.20E-05	5.27E-04
42	UCART1	396501.2	3766821.98	396501.15, 3766821.98	0.07038	0.11793	5.33E-04	6.34E-05	5.97E-04
43	UCART1	396546.2	3766821.98	396546.15, 3766821.98	0.07941	0.14759	6.02E-04	7.94E-05	6.81E-04
44	UCART1	396591.2	3766821.98	396591.15, 3766821.98	0.09	0.19109	6.82E-04	1.03E-04	7.85E-04
45	UCART1	396636.2	3766821.98	396636.15, 3766821.98	0.10271	0.26043	7.78E-04	1.40E-04	9.18E-04
46	UCART1	396681.2	3766821.98	396681.15, 3766821.98	0.11723	0.37064	8.88E-04	1.99E-04	1.09E-03
47	UCART1	396726.2	3766821.98	396726.15, 3766821.98	0.13318	0.58869	1.01E-03	3.17E-04	1.33E-03
48	UCART1	396771.2	3766821.98	396771.15, 3766821.98	0.15049	1.09689	1.14E-03	5.90E-04	1.73E-03
49	UCART1	396816.2	3766821.98	396816.15, 3766821.98	0.16867	2.66798	1.28E-03	1.43E-03	2.71E-03
50	UCART1	396861.2	3766821.98	396861.15, 3766821.98	0.18675	7.40739	1.41E-03	3.98E-03	5.40E-03
51	UCART1	396906.2	3766821.98	396906.15, 3766821.98	0.20359	7.62596	1.54E-03	4.10E-03	5.64E-03
52	UCART1	396951.2	3766821.98	396951.15, 3766821.98	0.218	2.94291	1.65E-03	1.58E-03	3.23E-03
53	UCART1	396996.2	3766821.98	396996.15, 3766821.98	0.22887	1.5906	1.73E-03	8.55E-04	2.59E-03
54	UCART1	397041.2	3766821.98	397041.15, 3766821.98	0.23542	0.94414	1.78E-03	5.08E-04	2.29E-03
55	UCART1	397086.2	3766821.98	397086.15, 3766821.98	0.23732	0.6301	1.80E-03	3.39E-04	2.14E-03
56	UCART1	397131.2	3766821.98	397131.15, 3766821.98	0.2347	0.46468	1.78E-03	2.50E-04	2.03E-03
57	UCART1	397176.2	3766821.98	397176.15, 3766821.98	0.22785	0.37374	1.73E-03	2.01E-04	1.93E-03
58	UCART1	397221.2	3766821.98	397221.15, 3766821.98	0.21756	0.31651	1.65E-03	1.70E-04	1.82E-03
59	UCART1	396456.2	3766866.98	396456.15, 3766866.98	0.06493	0.09694	4.92E-04	5.21E-05	5.44E-04
60	UCART1	396501.2	3766866.98	396501.15, 3766866.98	0.07351	0.11862	5.57E-04	6.38E-05	6.21E-04
61	UCART1	396546.2	3766866.98	396546.15, 3766866.98	0.08372	0.1492	6.34E-04	8.02E-05	7.14E-04
62	UCART1	396591.2	3766866.98	396591.15, 3766866.98	0.09585	0.19411	7.26E-04	1.04E-04	8.31E-04
63	UCART1	396636.2	3766866.98	396636.15, 3766866.98	0.11071	0.26638	8.39E-04	1.43E-04	9.82E-04
64	UCART1	396681.2	3766866.98	396681.15, 3766866.98	0.12858	0.39389	9.74E-04	2.12E-04	1.19E-03
65	UCART1	396726.2	3766866.98	396726.15, 3766866.98	0.14946	0.65319	1.13E-03	3.51E-04	1.48E-03
66	UCART1	396771.2	3766866.98	396771.15, 3766866.98	0.17314	1.35986	1.31E-03	7.31E-04	2.04E-03
67	UCART1	396816.2	3766866.98	396816.15, 3766866.98	0.19931	5.52483	1.51E-03	2.97E-03	4.48E-03
68	UCART1	396861.2	3766866.98	396861.15, 3766866.98	0.22695	10.6468	1.72E-03	5.72E-03	7.44E-03
69	UCART1	396906.2	3766866.98	396906.15, 3766866.98	0.25436	3.92677	1.93E-03	2.11E-03	4.04E-03
70	UCART1	396951.2	3766866.98	396951.15, 3766866.98	0.27911	2.24237	2.11E-03	1.21E-03	3.32E-03
71	UCART1	396996.2	3766866.98	396996.15, 3766866.98	0.29892	1.44482	2.26E-03	7.77E-04	3.04E-03
72	UCART1	397041.2	3766866.98	397041.15, 3766866.98	0.31173	0.98867	2.36E-03	5.32E-04	2.89E-03
73	UCART1	397086.2	3766866.98	397086.15, 3766866.98	0.31667	0.71363	2.40E-03	3.84E-04	2.78E-03
74	UCART1	397131.2	3766866.98	397131.15, 3766866.98	0.31362	0.54738	2.38E-03	2.94E-04	2.67E-03
75	UCART1	397176.2	3766866.98	397176.15, 3766866.98	0.30344	0.44907	2.30E-03	2.41E-04	2.54E-03
76	UCART1	397221.2	3766866.98	397221.15, 3766866.98	0.28761	0.3847	2.18E-03	2.07E-04	2.39E-03
77	UCART1	397266.2	3766866.98	397266.15, 3766866.98	0.26776	0.33966	2.03E-03	1.83E-04	2.21E-03
78	UCART1	397311.2	3766866.98	397311.15, 3766866.98	0.24547	0.30635	1.86E-03	1.65E-04	2.02E-03
79	UCART1	397356.2	3766866.98	397356.15, 3766866.98	0.22202	0.28046	1.68E-03	1.51E-04	1.83E-03
80	UCART1	396456.2	3766911.98	396456.15, 3766911.98	0.06681	0.09597	5.06E-04	5.16E-05	5.58E-04
81	UCART1	396501.2	3766911.98	396501.15, 3766911.98	0.07618	0.11734	5.77E-04	6.31E-05	6.40E-04
82	UCART1	396546.2	3766911.98	396546.15, 3766911.98	0.08751	0.14744	6.63E-04	7.93E-05	7.42E-04
83	UCART1	396591.2	3766911.98	396591.15, 3766911.98	0.10135	0.19172	7.68E-04	1.03E-04	8.71E-04
84	UCART1	396636.2	3766911.98	396636.15, 3766911.98	0.11883	0.26286	9.00E-04	1.41E-04	1.04E-03
85	UCART1	396681.2	3766911.98	396681.15, 3766911.98	0.14056	0.38715	1.06E-03	2.08E-04	1.27E-03
86	UCART1	396726.2	3766911.98	396726.15, 3766911.98	0.16698	0.63618	1.27E-03	3.42E-04	1.61E-03
87	UCART1	396771.2	3766911.98	396771.15, 3766911.98	0.19883	1.28292	1.51E-03	6.90E-04	2.20E-03
88	UCART1	396816.2	3766911.98	396816.15, 3766911.98	0.23635	4.1105	1.79E-03	2.21E-03	4.00E-03
89	UCART1	396861.2	3766911.98	396861.15, 3766911.98	0.27878	6.55377	2.11E-03	3.52E-03	5.64E-03
90	UCART1	396906.2	3766911.98	396906.15, 3766911.98	0.32403	4.86842	2.45E-03	2.62E-03	5.07E-03
91	UCART1	396951.2	3766911.98	396951.15, 3766911.98	0.36801	2.48396	2.79E-03	1.34E-03	4.12E-03
92	UCART1	396996.2	3766911.98	396996.15, 3766911.98	0.40529	1.59448	3.07E-03	8.57E-04	3.93E-03
93	UCART1	397041.2	3766911.98	397041.15, 3766911.98	0.43061	1.12979	3.26E-03	6.07E-04	3.87E-03
94	UCART1	397086.2	3766911.98	397086.15, 3766911.98	0.44113	0.83331	3.34E-03	4.48E-04	3.79E-03
95	UCART1	397131.2	3766911.98	397131.15, 3766911.98	0.43486	0.65961	3.29E-03	3.55E-04	3.65E-03
96	UCART1	397176.2	3766911.98	397176.15, 3766911.98	0.42015	0.56244	3.18E-03	3.02E-04	3.49E-03
97	UCART1	397221.2	3766911.98	397221.15, 3766911.98	0.393	0.4825	2.98E-03	2.59E-04	3.24E-03
98	UCART1	397266.2	3766911.98	397266.15, 3766911.98	0.36149	0.42855	2.74E-03	2.30E-04	2.97E-03
99	UCART1	397311.2	3766911.98	397311.15, 3766911.98	0.32687	0.38868	2.48E-03	2.09E-04	2.69E-03
100	UCART1	397356.2	3766911.98	397356.15, 3766911.98	0.2903	0.35474	2.20E-03	1.91E-04	2.39E-03
101	UCART1	396456.2	3766956.98	396456.15, 3766956.98	0.06833	0.09398	5.18E-04	5.05E-05	5.68E-04
102	UCART1	396501.2	3766956.98	396501.15, 3766956.98	0.07841	0.11446	5.94E-04	6.15E-05	6.56E-04
103	UCART1	396546.2	3766956.98	396546.15, 3766956.98	0.09086	0.14314	6.88E-04	7.70E-05	7.65E-04
104	UCART1	396591.2	3766956.98	396591.15, 3766956.98	0.1063	0.18483	8.05E-04	9.94E-05	9.05E-04
105	UCART1	396636.2	3766956.98	396636.15, 3766956.98	0.1264	0.25033	9.58E-04	1.35E-04	1.09E-03
106	UCART1	396681.2	3766956.98	396681.15, 3766956.98	0.15189	0.35971	1.15E-03	1.93E-04	1.34E-03
107	UCART1	396726.2	3766956.98	396726.15, 3766956.98	0.1849	0.56488	1.40E-03	3.04E-04	1.70E-03
108	UCART1	396771.2	3766956.98	396771.15, 3766956.98	0.22701	1.01258	1.72E-03	5.44E-04	2.26E-03
109	UCART1	396816.2	3766956.98	396816.15, 3766956.98	0.2803	2.20728	2.12E-03	1.19E-03	3.31E-03
110	UCART1	396861.2	3766956.98	396861.15, 3766956.98	0.34615	6.36412	2.62E-03	3.42E-03	6.04E-03
111	UCART1	396906.2	3766956.98	396906.15, 3766956.98	0.42248	6.26881	3.20E-03	3.37E-03	6.57E-03
112	UCART1	396951.2	3766956.98	396951.15, 3766956.98	0.50522	4.46037	3.83E-03	2.40E-03	6.23E-03
113	UCART1	396996.2	3766956.98	396996.15, 3766956.98	0.58063	2.24788	4.40E-03	1.21E-03	5.61E-03
114	UCART1	397041.2	3766956.98	397041.15, 3766956.98	0.63342	1.44819	4.80E-03	7.79E-04	5.58E-03
115	UCART1	397086.2	3766956.98	397086.15, 3766956.98	0.65291	1.08086	4.95E-03	5.81E-04	5.53E-03
116	UCART1	397131.2	3766956.98	397131.15, 3766956.98	0.63174	0.86029	4.79E-03	4.63E-04	5.25E-03
117	UCART1	397176.2	3766956.98	397176.15, 3766956.98	0.60358	0.73624	4.57E-03	3.96E-04	4.97E-03
118	UCART1	397221.2	3766956.98	397221.15, 3766956.98	0.56049	0.64396	4.25E-03	3.46E-04	4.59E-03
119	UCART1	397266.2	3766956.98	397266.15, 3766956.98	0.5096	0.57522	3.86E-03	3.09E-04	4.17E-03
120	UCART1	397311.2	3766956.98	397311.15, 3766956.98	0.45226	0.51861	3.43E-03	2.79E-04	3.71E-03
121	UCART1	397356.2	3766956.98	397356.15, 3766956.98	0.37506	0.44928	2.84E-03	2.42E-04	3.08E-03

Discrete Re	X	Y	X, Y	Residential Dose 3rd Tri	0<2	2<9	9<16	16<30	Risk by Age Group 3rd Tri	0<2	2<9	9<16	16<30	Total Risk
1	UCART1	396456.2	3766686.98	396456.15, 3766686.98	1.6E-07	4.9E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	5.7E-08	1.3E-08	0.0E+00	0.0E+00	7.7E-08
2	UCART1	396501.2	3766686.98	396501.15, 3766686.98	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	6.3E-08	1.5E-08	0.0E+00	0.0E+00	8.5E-08
3	UCART1	396546.2	3766686.98	396546.15, 3766686.98	2.0E-07	6.0E-07	3.4E-07	3.1E-07	1.4E-07	7.8E-09	7.0E-08	1.6E-08	0.0E+00	0.0E+00	9.4E-08
4	UCART1	396591.2	3766686.98	396591.15, 3766686.98	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	8.6E-09	7.8E-08	1.8E-08	0.0E+00	0.0E+00	1.0E-07
5	UCART1	396636.2	3766686.98	396636.15, 3766686.98	2.4E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	9.6E-09	8.7E-08	2.0E-08	0.0E+00	0.0E+00	1.2E-07
6	UCART1	396681.2	3766686.98	396681.15, 3766686.98	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	1.1E-08	9.6E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
7	UCART1	396726.2	3766686.98	396726.15, 3766686.98	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.4E-07
8	UCART1	396771.2	3766686.98	396771.15, 3766686.98	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
9	UCART1	396816.2	3766686.98	396816.15, 3766686.98	3.8E-07	1.1E-06	6.7E-07	6.0E-07	2.8E-07	1.5E-08	1.4E-07	3.1E-08	0.0E+00	0.0E+00	1.8E-07
10	UCART1	396861.2	3766686.98	396861.15, 3766686.98	4.4E-07	1.3E-06	7.6E-07	6.9E-07	3.2E-07	1.7E-08	1.6E-07	3.6E-08	0.0E+00	0.0E+00	2.1E-07
11	UCART1	396456.2	3766731.98	396456.15, 3766731.98	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	6.6E-09	6.0E-08	1.4E-08	0.0E+00	0.0E+00	8.0E-08
12	UCART1	396501.2	3766731.98	396501.15, 3766731.98	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	6.7E-08	1.5E-08	0.0E+00	0.0E+00	9.0E-08
13	UCART1	396546.2	3766731.98	396546.15, 3766731.98	2.1E-07	6.4E-07	3.7E-07	3.3E-07	1.5E-07	8.3E-09	7.5E-08	1.7E-08	0.0E+00	0.0E+00	1.0E-07
14	UCART1	396591.2	3766731.98	396591.15, 3766731.98	2.4E-07	7.2E-07	4.1E-07	3.8E-07	1.7E-07	9.3E-09	8.4E-08	2.0E-08	0.0E+00	0.0E+00	1.1E-07
15	UCART1	396636.2	3766731.98	396636.15, 3766731.98	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	1.1E-08	9.6E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
16	UCART1	396681.2	3766731.98	396681.15, 3766731.98	3.1E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.5E-07
17	UCART1	396726.2	3766731.98	396726.15, 3766731.98	3.5E-07	1.1E-06	6.1E-07	5.5E-07	2.5E-07	1.4E-08	1.2E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
18	UCART1	396771.2	3766731.98	396771.15, 3766731.98	4.0E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
19	UCART1	396816.2	3766731.98	396816.15, 3766731.98	4.8E-07	1.5E-06	8.4E-07	7.6E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
20	UCART1	396861.2	3766731.98	396861.15, 3766731.98	6.1E-07	1.8E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	2.2E-07	5.0E-08	0.0E+00	0.0E+00	2.9E-07
21	UCART1	396906.2	3766731.98	396906.15, 3766731.98	9.6E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.8E-08	3.4E-07	7.9E-08	0.0E+00	0.0E+00	4.6E-07
22	UCART1	396951.2	3766731.98	396951.15, 3766731.98	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	4.5E-08	4.1E-07	9.5E-08	0.0E+00	0.0E+00	5.5E-07
23	UCART1	396996.2	3766731.98	396996.15, 3766731.98	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.4E-08	3.1E-07	7.2E-08	0.0E+00	0.0E+00	4.2E-07
24	UCART1	397041.2	3766731.98	397041.15, 3766731.98	5.3E-07	1.6E-06	9.3E-07	8.5E-07	3.9E-07	2.1E-08	1.9E-07	4.4E-08	0.0E+00	0.0E+00	2.6E-07
25	UCART1	396456.2	3766776.98	396456.15, 3766776.98	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	6.3E-08	1.4E-08	0.0E+00	0.0E+00	8.4E-08
26	UCART1	396501.2	3766776.98	396501.15, 3766776.98	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	7.8E-09	7.0E-08	1.6E-08	0.0E+00	0.0E+00	9.4E-08
27	UCART1	396546.2	3766776.98	396546.15, 3766776.98	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.8E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
28	UCART1	396591.2	3766776.98	396591.15, 3766776.98	2.5E-07	7.7E-07	4.5E-07	4.0E-07	1.8E-07	1.0E-08	9.1E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
29	UCART1	396636.2	3766776.98	396636.15, 3766776.98	2.9E-07	8.9E-07	5.1E-07	4.7E-07	2.1E-07	1.2E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
30	UCART1	396681.2	3766776.98	396681.15, 3766776.98	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.5E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
31	UCART1	396726.2	3766776.98	396726.15, 3766776.98	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
32	UCART1	396771.2	3766776.98	396771.15, 3766776.98	4.8E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
33	UCART1	396816.2	3766776.98	396816.15, 3766776.98	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.3E-07	5.3E-08	0.0E+00	0.0E+00	3.0E-07
34	UCART1	396861.2	3766776.98	396861.15, 3766776.98	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.9E-08	3.5E-07	8.2E-08	0.0E+00	0.0E+00	4.7E-07
35	UCART1	396906.2	3766776.98	396906.15, 3766776.98	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.5E-08	5.0E-07	1.2E-07	0.0E+00	0.0E+00	6.7E-07
36	UCART1	396951.2	3766776.98	396951.15, 3766776.98	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	6.2E-08	5.6E-07	1.3E-07	0.0E+00	0.0E+00	7.6E-07
37	UCART1	396996.2	3766776.98	396996.15, 3766776.98	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.2E-07	3.3E-08	3.0E-07	7.0E-08	0.0E+00	0.0E+00	4.1E-07
38	UCART1	397041.2	3766776.98	397041.15, 3766776.98	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	2.3E-07	5.4E-08	0.0E+00	0.0E+00	3.1E-07
39	UCART1	397086.2	3766776.98	397086.15, 3766776.98	5.8E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	2.3E-08	2.1E-07	4.8E-08	0.0E+00	0.0E+00	2.8E-07
40	UCART1	397131.2	3766776.98	397131.15, 3766776.98	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	2.2E-08	2.0E-07	4.5E-08	0.0E+00	0.0E+00	2.6E-07
41	UCART1	396456.2	3766821.98	396456.15, 3766821.98	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	6.5E-08	1.5E-08	0.0E+00	0.0E+00

122	UCART1	397401.2	3766956.98	397401.15, 3766956.98	0.33215	0.42853
123	UCART1	397446.2	3766956.98	397446.15, 3766956.98	0.28229	0.40252
124	UCART1	397491.2	3766956.98	397491.15, 3766956.98	0.23537	0.37687
125	UCART1	397536.2	3766956.98	397536.15, 3766956.98	0.19564	0.35264
126	UCART1	397581.2	3766956.98	397581.15, 3766956.98	0.16303	0.32987
127	UCART1	397626.2	3766956.98	397626.15, 3766956.98	0.13666	0.30478
128	UCART1	397671.2	3766956.98	397671.15, 3766956.98	0.11552	0.27324
129	UCART1	397716.2	3766956.98	397716.15, 3766956.98	0.09823	0.23303
130	UCART1	397761.2	3766956.98	397761.15, 3766956.98	0.08286	0.18521
131	UCART1	397806.2	3766956.98	397806.15, 3766956.98	0.07171	0.14932
132	UCART1	397851.2	3766956.98	397851.15, 3766956.98	0.06272	0.12061
133	UCART1	397896.2	3766956.98	397896.15, 3766956.98	0.05573	0.09934
134	UCART1	397941.2	3766956.98	397941.15, 3766956.98	0.04927	0.08188
135	UCART1	396456.2	3767001.98	396456.15, 3767001.98	0.06943	0.09114
136	UCART1	396501.2	3767001.98	396501.15, 3767001.98	0.08006	0.11031
137	UCART1	396546.2	3767001.98	396546.15, 3767001.98	0.09346	0.13679
138	UCART1	396591.2	3767001.98	396591.15, 3767001.98	0.11041	0.17475
139	UCART1	396636.2	3767001.98	396636.15, 3767001.98	0.13265	0.23199
140	UCART1	396681.2	3767001.98	396681.15, 3767001.98	0.16221	0.32361
141	UCART1	396726.2	3767001.98	396726.15, 3767001.98	0.20188	0.48114
142	UCART1	396771.2	3767001.98	396771.15, 3767001.98	0.25612	0.77725
143	UCART1	396816.2	3767001.98	396816.15, 3767001.98	0.33049	1.38081
144	UCART1	396861.2	3767001.98	396861.15, 3767001.98	0.43217	2.71443
145	UCART1	396906.2	3767001.98	396906.15, 3767001.98	0.56674	6.57229
146	UCART1	396951.2	3767001.98	396951.15, 3767001.98	0.73407	6.29333
147	UCART1	396996.2	3767001.98	396996.15, 3767001.98	0.91072	4.60497
148	UCART1	397041.2	3767001.98	397041.15, 3767001.98	1.03393	2.34619
149	UCART1	397086.2	3767001.98	397086.15, 3767001.98	1.06115	1.66701
150	UCART1	397131.2	3767001.98	397131.15, 3767001.98	1.00902	1.31772
151	UCART1	397176.2	3767001.98	397176.15, 3767001.98	0.94291	1.11367
152	UCART1	397221.2	3767001.98	397221.15, 3767001.98	0.85736	0.95999
153	UCART1	397266.2	3767001.98	397266.15, 3767001.98	0.7617	0.84054
154	UCART1	397311.2	3767001.98	397311.15, 3767001.98	0.65688	0.73905
155	UCART1	397356.2	3767001.98	397356.15, 3767001.98	0.52119	0.62838
156	UCART1	397401.2	3767001.98	397401.15, 3767001.98	0.40383	0.55787
157	UCART1	397446.2	3767001.98	397446.15, 3767001.98	0.37008	0.56512
158	UCART1	397491.2	3767001.98	397491.15, 3767001.98	0.29822	0.53195
159	UCART1	397536.2	3767001.98	397536.15, 3767001.98	0.23848	0.50372
160	UCART1	397581.2	3767001.98	397581.15, 3767001.98	0.19191	0.48173
161	UCART1	397626.2	3767001.98	397626.15, 3767001.98	0.15652	0.46313
162	UCART1	397671.2	3767001.98	397671.15, 3767001.98	0.12902	0.42491
163	UCART1	397716.2	3767001.98	397716.15, 3767001.98	0.10646	0.33725
164	UCART1	397761.2	3767001.98	397761.15, 3767001.98	0.09012	0.25462
165	UCART1	397806.2	3767001.98	397806.15, 3767001.98	0.07655	0.18739
166	UCART1	397851.2	3767001.98	397851.15, 3767001.98	0.06596	0.14159
167	UCART1	397896.2	3767001.98	397896.15, 3767001.98	0.05801	0.11178
168	UCART1	397941.2	3767001.98	397941.15, 3767001.98	0.05154	0.09074
169	UCART1	396456.2	3767046.98	396456.15, 3767046.98	0.07006	0.08767
170	UCART1	396501.2	3767046.98	396501.15, 3767046.98	0.08109	0.10529
171	UCART1	396546.2	3767046.98	396546.15, 3767046.98	0.09515	0.12922
172	UCART1	396591.2	3767046.98	396591.15, 3767046.98	0.11327	0.16281
173	UCART1	396636.2	3767046.98	396636.15, 3767046.98	0.13735	0.21175
174	UCART1	396681.2	3767046.98	396681.15, 3767046.98	0.17034	0.28633
175	UCART1	396726.2	3767046.98	396726.15, 3767046.98	0.21658	0.40545
176	UCART1	396771.2	3767046.98	396771.15, 3767046.98	0.28337	0.60555
177	UCART1	396816.2	3767046.98	396816.15, 3767046.98	0.38342	0.95293
178	UCART1	396861.2	3767046.98	396861.15, 3767046.98	0.53745	1.576
179	UCART1	396906.2	3767046.98	396906.15, 3767046.98	0.7824	2.79435
180	UCART1	396951.2	3767046.98	396951.15, 3767046.98	1.17143	6.26337
181	UCART1	396996.2	3767046.98	396996.15, 3767046.98	1.71825	6.46265
182	UCART1	397041.2	3767046.98	397041.15, 3767046.98	2.10736	6.1738
183	UCART1	397086.2	3767046.98	397086.15, 3767046.98	2.06345	3.85952
184	UCART1	397131.2	3767046.98	397131.15, 3767046.98	1.86296	2.76792
185	UCART1	397176.2	3767046.98	397176.15, 3767046.98	1.655	2.16402
186	UCART1	397221.2	3767046.98	397221.15, 3767046.98	1.44938	1.74544
187	UCART1	397266.2	3767046.98	397266.15, 3767046.98	1.24456	1.44102
188	UCART1	397311.2	3767046.98	397311.15, 3767046.98	1.04157	1.20888
189	UCART1	397356.2	3767046.98	397356.15, 3767046.98	0.84305	1.04426
190	UCART1	397401.2	3767046.98	397401.15, 3767046.98	0.58297	0.86031
191	UCART1	397446.2	3767046.98	397446.15, 3767046.98	0.48364	0.8543
192	UCART1	397491.2	3767046.98	397491.15, 3767046.98	0.38524	0.82216
193	UCART1	397536.2	3767046.98	397536.15, 3767046.98	0.29229	0.78409
194	UCART1	397581.2	3767046.98	397581.15, 3767046.98	0.22553	0.77943
195	UCART1	397626.2	3767046.98	397626.15, 3767046.98	0.17832	0.82152
196	UCART1	397671.2	3767046.98	397671.15, 3767046.98	0.1436	0.85707
197	UCART1	397716.2	3767046.98	397716.15, 3767046.98	0.11756	0.63205
198	UCART1	397761.2	3767046.98	397761.15, 3767046.98	0.09681	0.37028
199	UCART1	397806.2	3767046.98	397806.15, 3767046.98	0.08116	0.23667
200	UCART1	397851.2	3767046.98	397851.15, 3767046.98	0.06952	0.16654
201	UCART1	397896.2	3767046.98	397896.15, 3767046.98	0.06087	0.1265
202	UCART1	397941.2	3767046.98	397941.15, 3767046.98	0.05361	0.09949
203	UCART1	396456.2	3767091.98	396456.15, 3767091.98	0.07022	0.0838
204	UCART1	396501.2	3767091.98	396501.15, 3767091.98	0.0815	0.09975
205	UCART1	396546.2	3767091.98	396546.15, 3767091.98	0.09589	0.1211
206	UCART1	396591.2	3767091.98	396591.15, 3767091.98	0.11483	0.15027
207	UCART1	396636.2	3767091.98	396636.15, 3767091.98	0.14018	0.19162
208	UCART1	396681.2	3767091.98	396681.15, 3767091.98	0.17527	0.25183
209	UCART1	396726.2	3767091.98	396726.15, 3767091.98	0.22661	0.34218
210	UCART1	396771.2	3767091.98	396771.15, 3767091.98	0.30447	0.48169
211	UCART1	396816.2	3767091.98	396816.15, 3767091.98	0.43067	0.69964
212	UCART1	396861.2	3767091.98	396861.15, 3767091.98	0.65355	1.04213
213	UCART1	396906.2	3767091.98	396906.15, 3767091.98	1.09351	1.60648
214	UCART1	396951.2	3767091.98	396951.15, 3767091.98	2.09712	2.67076
215	UCART1	397131.2	3767091.98	397131.15, 3767091.98	4.98005	5.84205
216	UCART1	397176.2	3767091.98	397176.15, 3767091.98	3.78807	8.67074
217	UCART1	397221.2	3767091.98	397221.15, 3767091.98	2.99134	5.25285
218	UCART1	397266.2	3767091.98	397266.15, 3767091.98	2.39688	3.58789
219	UCART1	397311.2	3767091.98	397311.15, 3767091.98	1.92185	2.65198
220	UCART1	397356.2	3767091.98	397356.15, 3767091.98	1.48557	2.09962
221	UCART1	397401.2	3767091.98	397401.15, 3767091.98	1.02718	1.7503
222	UCART1	397446.2	3767091.98	397446.15, 3767091.98	0.70094	1.59691
223	UCART1	397491.2	3767091.98	397491.15, 3767091.98	0.46351	1.45215
224	UCART1	397536.2	3767091.98	397536.15, 3767091.98	0.33439	1.38995
225	UCART1	397581.2	3767091.98	397581.15, 3767091.98	0.24257	1.36119
226	UCART1	397626.2	3767091.98	397626.15, 3767091.98	0.19999	1.81478
227	UCART1	397671.2	3767091.98	397671.15, 3767091.98	0.15897	3.70017
228	UCART1	397716.2	3767091.98	397716.15, 3767091.98	0.12854	1.77614
229	UCART1	397761.2	3767091.98	397761.15, 3767091.98	0.10471	0.56333
230	UCART1	397806.2	3767091.98	397806.15, 3767091.98	0.08579	0.29492
231	UCART1	397851.2	3767091.98	397851.15, 3767091.98	0.07361	0.19602
232	UCART1	397896.2	3767091.98	397896.15, 3767091.98	0.0643	0.14351
233	UCART1	397941.2	3767091.98	397941.15, 3767091.98	0.05584	0.10899
234	UCART1	396456.2	3767136.98	396456.15, 3767136.98	0.06995	0.07929
235	UCART1	396501.2	3767136.98	396501.15, 3767136.98	0.08119	0.09405
236	UCART1	396546.2	3767136.98	396546.15, 3767136.98	0.0957	0.11246
237	UCART1	396591.2	3767136.98	396591.15, 3767136.98	0.1148	0.13732
238	UCART1	396636.2	3767136.98	396636.15, 3767136.98	0.14073	0.17084
239	UCART1	396681.2	3767136.98	396681.15, 3767136.98	0.17684	0.22135
240	UCART1	396726.2	3767136.98	396726.15, 3767136.98	0.23031	0.29067
241	UCART1	396771.2	3767136.98	396771.15, 3767136.98	0.31476	0.39048
242	UCART1	396816.2	3767136.98	396816.15, 3767136.98	0.45952	0.53401
243	UCART1	396861.2	3767136.98	396861.15, 3767136.98	0.74705	0.7404
244	UCART1	396906.2	3767136.98	396906.15, 3767136.98	1.4874	1.04849
245	UCART1	397311.2	3767136.98	397311.15, 3767136.98	4.98819	5.53061
246	UCART1	397356.2	3767136.98	397356.15, 3767136.98	3.50386	8.30687
247	UCART1	397401.2	3767136.98	397401.15, 3767136.98	2.28387	6.21825
248	UCART1	397446.2	3767136.98	397446.15, 3767136.98	1.19627	5.21928
249	UCART1	397491.2	3767136.98	397491.15, 3767136.98	0.59833	3.9073
250	UCART1	397536.2	3767136.98	397536.15, 3767136.98	0.39267	3.48975
251	UCART1	397581.2	3767136.98	397581.15, 3767136.98	0.2727	3.19842
252	UCART1	397626.2	3767136.98	397626.15, 3767136.98	0.21904	4.93413
253	UCART1	397671.2	3767136.98	397671.15, 3767136.98	0.17415	2.76081

2.52E-03	2.30E-04	2.75E-03				
2.14E-03	2.16E-04	2.35E-03				
1.78E-03	2.03E-04	1.99E-03				
1.48E-03	1.90E-04	1.67E-03				
1.24E-03	1.77E-04	1.41E-03				
1.04E-03	1.64E-04	1.20E-03				
8.75E-04	1.47E-04	1.02E-03				
7.44E-04	1.25E-04	8.69E-04				
6.28E-04	9.96E-05	7.27E-04				
5.43E-04	8.03E-05	6.24E-04				
4.75E-04	6.48E-05	5.40E-04				
4.22E-04	5.34E-05	4.76E-04				
3.73E-04	4.40E-05	4.17E-04				
5.26E-04	4.90E-05	5.75E-04				
6.07E-04	5.93E-05	6.66E-04				
7.08E-04	7.35E-05	7.82E-04				
8.36E-04	9.40E-05	9.30E-04				
1.00E-03	1.25E-04	1.13E-03				
1.23E-03	1.74E-04	1.40E-03				
1.53E-03	2.59E-04	1.79E-03				
1.94E-03	4.18E-04	2.36E-03				
2.50E-03	7.42E-04	3.25E-03				
3.27E-03	1.46E-03	4.73E-03				
4.29E-03	3.53E-03	7.83E-03				
5.56E-03	3.38E-03	8.94E-03				
6.90E-03	2.48E-03	9.38E-03				
7.83E-03	1.26E-03	9.09E-03				
8.04E-03	8.96E-04	8.94E-03				
7.64E-03	7.09E-04	8.35E-03				
7.14E-03	5.99E-04	7.74E-03				
6.50E-03	5.16E-04	7.01E-03				
5.77E-03	4.52E-04	6.22E-03				
4.98E-03	3.97E-04	5.37E-03				
3.95E-03	3.38E-04	4.29E-03				
3.06E-03	3.00E-04	3.36E-03				
2.80E-03	3.04E-04	3.11E-03				
2.26E-03	2.86E-04	2.55E-03				
1.81E-03	2.71E-04	2.08E-03				
1.45E-03	2.59E-04	1.71E-03				
1.19E-03	2.49E-04	1.43E-03				
9.77E-04	2.28E-04	1.21E-03				
8.07E-04	1.81E-04	9.88E-04				
6.83E-04	1.37E-04	8.20E-04				
5.80E-04	1.01E-04	6.81E-04				
5.00E-04	7.61E-05	5.76E-04				
4.39E-04	6.01E-05	5.00E-04				
3.90E-04	4.88E-05	4.39E-04				
5.31E-04	4.71E-05	5.78E-04				
6.14E-04	5.66E-05	6.71E-04				
7.21E-04	6.95E-05	7.90E-04				
8.58E-04	8.75E-05	9.46E-04				
1.04E-03	1.14E-04	1.15E-03				
1.29E-03	1.54E-04	1.44E-03				
1.64E-03	2.18E-04	1.86E-03				
2.15E-03	3.26E-04	2.47E-03				
2.90E-03	5.12E-04	3.42E-03				
4.07E-03	8.47E-04	4.92E-03				
5.93E-03	1.50E-03	7.43E-03				
8.87E-03	3.37E-03	1.22E-02				
1.30E-02	3.47E-03	1.65E-02				
1.60E-02	3.32E-03	1.93E-02				
1.56E-02	2.08E-03	1.77E-02				
1.41E-02	1.49E-03	1.56E-02				
1.25E-02	1.16E-03	1.37E-02				
1.10E-02	9.38E-04	1.19E-02				
9.43E-03	7.75E-04	1.02E-02				
7.89E-03	6.50E-04	8.54E-03				
6.39E-03	5.61E-04	6.95E-03				
4.42E-03	4.63E-04	4.88E-03				
3.66E-03	4.59E-04	4.12E-03				
2.92E-03	4.42E-04	3.36E-03				
2.21E-03	4.22E-04	2.64E-03				
1.71E-03	4.19E-04	2.13E-03				
1.35E-03	4.42E-04	1.79E-03				
1.09E-03	4.61E-04	1.55E-03				
8.91E-04	3.40E-04	1.23E-03				
7.33E-04	1.99E-04	9.33E-04				
6.15E-04	1.27E-04	7.42E-04				
5.27E-04	8.95E-05	6.16E-04				
4.61E-04	6.80E-05	5.29E-04				
4.06E-04	5.35E-05	4.60E-04				
5.32E-04	4.51E-05	5.77E-04				
6.17E-04	5.36E-05	6.71E-04				
7.26E-04	6.51E-05	7.92E-04				
8.70E-04	8.08E-05	9.51E-04				
1.06E-03	1.03E-04	1.17E-03				
1.33E-03	1.35E-04	1.46E-03				
1.72E-03	1.84E-04	1.90E-03				
2.31E-03	2.59E-04	2.57E-03				
3.26E-03	3.76E-04	3.64E-03				
4.95E-03	5.60E-04	5.51E-03				
8.28E-03	8.64E-04	9.15E-03				
1.59E-02	1.44E-03	1.73E-02				
3.77E-02	3.14E-03	4.09E-02				
2.87E-02	4.66E-03	3.34E-02				
2.27E-02	2.82E-03	2.55E-02				
1.82E-02	1.93E-03	2.01E-02				
1.46E-02	1.43E-03	1.60E-02				
1.13E-02	1.13E-03	1.24E-02				
7.78E-03	9.41E-04	8.72E-03				
5.31E-03	8.59E-04	6.17E-03				
3.51E-03	7.81E-04	4.29E-03				
2.53E-03	7.47E-04	3.28E-03				
1.84E-03	7.32E-04	2.57E-03				
1.52E-03	9.76E-04	2.49E-03				
1.20E-03	1.99E-03	3.19E-03				
9.74E-04	9.55E-04	1.93E-03				
7.93E-04	3.03E-04	1.10E-03				
6.50E-04	1.59E-04	8.08E-04				
5.58E-04	1.05E-04	6.63E-04				
4.87E-04	7.72E-05	5.64E-04				
4.23E-04	5.86E-05	4.82E-04				
5.30E-04	4.26E-05	5.73E-04				
6.15E-04	5.06E-05	6.66E-04				
7.25E-04	6.05E-05	7.85E-04				
8.70E-04	7.38E-05	9.44E-04				
1.07E-03	9.19E-05	1.16E-03				
1.34E-03	1.19E-04	1.46E-03				
1.74E-03	1.56E-04	1.90E-03				
2.38E-03	2.10E-04	2.59E-03				
3.48E-03	2.87E-04	3.77E-03				
5.66E-03	3.98E-04	6.06E-03				
1.13E-02	5.64E-04	1.18E-02				
3.78E-02	2.97E-03	4.08E-02				
2.65E-02	4.47E-03	3.10E-02				
1.73E-02	3.34E-03	2.06E-02				
9.06E-03	2.81E-03	1.19E-02				
4.53E-03	2.10E-03	6.63E-03				
2.97E-03	1.88E-03	4.85E-03				
2.07E-03	1.72E-03	3.79E-03				
1.66E-03	2.65E-03	4.31E-03				
1.32E-03	1.48E-03	2.80E-03				

9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.7E-08	3.4E-07	7.8E-08	0.0E+00	0.0E+00	4.5E-07
8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	3.2E-08	2.9E-07	6.7E-08	0.0E+00	0.0E+00	3.9E-07
6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	2.4E-07	5.7E-08	0.0E+00	0.0E+00	3.3E-07
5.8E-07	1.7E-06	1.0E-06	9.2E-07	4.2E-07	2.3E-08	2.1E-07	4.8E-08	0.0E+00	0.0E+00	2.8E-07
4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.6E-08	1.5E-07	3.4E-08	0.0E+00	0.0E+00	2.0E-07
3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.4E-08	1.3E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	1.1E-07	2.5E-08	0.0E+00	0.0E+00	1.4E-07
2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	9.9E-09	9.0E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	7.7E-08	1.8E-08	0.0E+00	0.0E+00	1.0E-07
1.9E-07	5.6E-07	3.3E-07	3.0E-07	1.4E-07	7.3E-09	6.7E-08	1.5E-08	0.0E+00	0.0E+00	8.9E-08
1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	5.9E-08	1.4E-08	0.0E+00	0.0E+00	7.9E-08
1.4E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	5.7E-09	5.1E-08	1.2E-08	0.0E+00	0.0E+00	6.9E-08
2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	7.8E-09	7.1E-08	1.6E-08	0.0E+00	0.0E+00	9.5E-08
2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	9.1E-09	8.2E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	1.1E-08	9.6E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.3E-08	1.1E-07	2.7E-08	0.0E+00	0.0E+00	1.5E-07
3.9E-07	1.2E-06	6.8E-07	6.2E-07	2.8E-07	1.5E-08	1.4E-07	3.2E-08	0.0E+00	0.0E+00	1.9E-07
4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.4E-08	2.2E-07	5.1E-08	0.0E+00	0.0E+00	3.0E-07
8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	3.2E-08	2.9E-07	6.7E-08	0.0E+00	0.0E+00	3.9E-07
1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	4.4E-08	4.0E-07	9.3E-08	0.0E+00	0.0E+00	5.4E-07
1.6E-06	4.9E-06	2.9E-06	2.6E-06	1.2E-06	6.4E-08	5.8E-07	1.4E-07	0.0E+00	0.0E+00	7.8E-07
2.7E-06	8.2E-06	4.7E-06	4.3E-06	2.0E-06	1.1E-07	9.6E-07	2.2E-07	0.0E+00	0.0E+00	1.3E-06
3.1E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	1.2E-07	1.1E-06	2.6E-07	0.0E+00	0.0E+00	1.5E-06
3.2E-06	9.8E-06	5.7E-06	5.1E-06	2.3E-06	1.3E-07	1.2E-06	2.7E-07	0.0E+00	0.0E+00	1.5E-06
3.1E-06	9.5E-06	5.5E-06	5.0E-06	2.3E-06	1.2E-07	1.1E-06	2.6E-07	0.0E+00	0.0E+00	1.5E-06
3.1E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	1.2E-07	1.1E-06	2.5E-07	0.0E+00	0.0E+00	1.5E-06
2.9E-06	8.7E-06	5.1E-06	4.6E-06	2.1E-06	1.1E-07	1.0E-06	2.4E-07	0.0E+00	0.0E+00	1.4E-06
2.7E-06	8.1E-06	4.7E-06	4.2E-06	1.9E-06	1.1E-07	9.5E-07	2.2E-07	0.0E+00	0.0E+00	1.3E-06
2.4E-06	7.3E-06	4.2E-06	3.8E-06	1.8E-06	9.5E-08	8.6E-07	2.0E-07	0.0E+00	0.0E+00	1.2E-06
2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	8.5E-08	7.7E-07	1.8E-07	0.0E+00	0.0E+00	1.0E-06
1.9E-06	5.6E-06	3.3E-06	2.9E-06	1.3E-06	7.3E-08	6.6E-07	1.5E-07	0.0E+00	0.0E+00	8.9E-07
1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.8E-08	5.3E-07	1.2E-07	0.0E+00	0.0E+00	7.1E-07
1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	4.6E-08	4.1E-07	9.6E-08	0.0E+00	0.0E+00	5.6E-07
1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.8E-07	4.2E-08	3.8E-07	8.9E-08	0.0E+00	0.0E+00	5.1E-07
8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.5E-08	3.1E-07	7.3E-08	0.0E+00	0.0E+00	4.2E-07
7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.8E-08	2.6E-07	5.9E-08	0.0E+00	0.0E+00	3.4E-07
5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.3E-08	2.1E-07	4.9E-08	0.0E+00	0.0E+00	2.8E-07
5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	2.0E-08	1.8E-07	4.1E-08	0.0E+00	0.0E+00	2.4E-07
4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.6E-08	1.5E-07	3.4E-08	0.0E+00	0.0E+00	2.0E-07
3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07

254	UCART1	397716.2	3767136.98	397716.15, 3767136.98	0.13882	2.45294
255	UCART1	397761.2	3767136.98	397761.15, 3767136.98	0.11364	0.76616
256	UCART1	397806.2	3767136.98	397806.15, 3767136.98	0.09326	0.373
257	UCART1	397851.2	3767136.98	397851.15, 3767136.98	0.07822	0.2289
258	UCART1	397896.2	3767136.98	397896.15, 3767136.98	0.06791	0.16234
259	UCART1	397941.2	3767136.98	397941.15, 3767136.98	0.05542	0.11378
260	UCART1	396456.2	3767181.98	396456.15, 3767181.98	0.06918	0.07427
261	UCART1	396501.2	3767181.98	396501.15, 3767181.98	0.08027	0.08702
262	UCART1	396546.2	3767181.98	396546.15, 3767181.98	0.09454	0.10205
263	UCART1	396591.2	3767181.98	396591.15, 3767181.98	0.11335	0.12255
264	UCART1	396636.2	3767181.98	396636.15, 3767181.98	0.13893	0.15248
265	UCART1	396681.2	3767181.98	396681.15, 3767181.98	0.17493	0.19059
266	UCART1	396726.2	3767181.98	396726.15, 3767181.98	0.22761	0.24875
267	UCART1	396771.2	3767181.98	396771.15, 3767181.98	0.31135	0.32264
268	UCART1	396816.2	3767181.98	396816.15, 3767181.98	0.45781	0.42113
269	UCART1	396861.2	3767181.98	396861.15, 3767181.98	0.75789	0.54899
270	UCART1	396906.2	3767181.98	396906.15, 3767181.98	1.59541	0.71345
271	UCART1	397446.2	3767181.98	397446.15, 3767181.98	2.09367	6.72519
272	UCART1	397491.2	3767181.98	397491.15, 3767181.98	0.8282	7.61297
273	UCART1	397536.2	3767181.98	397536.15, 3767181.98	0.49554	5.51289
274	UCART1	397581.2	3767181.98	397581.15, 3767181.98	0.33596	5.2993
275	UCART1	397626.2	3767181.98	397626.15, 3767181.98	0.24738	5.0002
276	UCART1	397671.2	3767181.98	397671.15, 3767181.98	0.18838	4.50181
277	UCART1	397716.2	3767181.98	397716.15, 3767181.98	0.14891	1.73003
278	UCART1	397761.2	3767181.98	397761.15, 3767181.98	0.12145	0.78057
279	UCART1	397806.2	3767181.98	397806.15, 3767181.98	0.1005	0.42209
280	UCART1	397851.2	3767181.98	397851.15, 3767181.98	0.0845	0.26338
281	UCART1	397896.2	3767181.98	397896.15, 3767181.98	0.07174	0.18067
282	UCART1	397941.2	3767181.98	397941.15, 3767181.98	0.05824	0.12572
283	UCART1	396456.2	3767226.98	396456.15, 3767226.98	0.068	0.06925
284	UCART1	396501.2	3767226.98	396501.15, 3767226.98	0.07876	0.07976
285	UCART1	396546.2	3767226.98	396546.15, 3767226.98	0.09255	0.09327
286	UCART1	396591.2	3767226.98	396591.15, 3767226.98	0.11065	0.1108
287	UCART1	396636.2	3767226.98	396636.15, 3767226.98	0.13516	0.13476
288	UCART1	396681.2	3767226.98	396681.15, 3767226.98	0.16934	0.16473
289	UCART1	396726.2	3767226.98	396726.15, 3767226.98	0.2194	0.21338
290	UCART1	396771.2	3767226.98	396771.15, 3767226.98	0.29643	0.27028
291	UCART1	396816.2	3767226.98	396816.15, 3767226.98	0.42721	0.34211
292	UCART1	396861.2	3767226.98	396861.15, 3767226.98	0.6778	0.42664
293	UCART1	396906.2	3767226.98	396906.15, 3767226.98	1.22951	0.53376
294	UCART1	396951.2	3767226.98	396951.15, 3767226.98	2.67472	0.64502
295	UCART1	397446.2	3767226.98	397446.15, 3767226.98	1.82602	2.3982
296	UCART1	397491.2	3767226.98	397491.15, 3767226.98	0.86578	2.72028
297	UCART1	397536.2	3767226.98	397536.15, 3767226.98	0.54041	3.15075
298	UCART1	397581.2	3767226.98	397581.15, 3767226.98	0.37134	3.13556
299	UCART1	397626.2	3767226.98	397626.15, 3767226.98	0.26765	2.79956
300	UCART1	397671.2	3767226.98	397671.15, 3767226.98	0.20095	2.02892
301	UCART1	397716.2	3767226.98	397716.15, 3767226.98	0.15746	1.20468
302	UCART1	397761.2	3767226.98	397761.15, 3767226.98	0.12841	0.69598
303	UCART1	397806.2	3767226.98	397806.15, 3767226.98	0.10658	0.42426
304	UCART1	397851.2	3767226.98	397851.15, 3767226.98	0.09811	0.27801
305	UCART1	397896.2	3767226.98	397896.15, 3767226.98	0.07581	0.19513
306	UCART1	397941.2	3767226.98	397941.15, 3767226.98	0.06477	0.14355
307	UCART1	396456.2	3767271.98	396456.15, 3767271.98	0.06358	0.06077
308	UCART1	396501.2	3767271.98	396501.15, 3767271.98	0.0728	0.06941
309	UCART1	396546.2	3767271.98	396546.15, 3767271.98	0.0847	0.08036
310	UCART1	396591.2	3767271.98	396591.15, 3767271.98	0.10316	0.09678
311	UCART1	396636.2	3767271.98	396636.15, 3767271.98	0.12545	0.11575
312	UCART1	396681.2	3767271.98	396681.15, 3767271.98	0.15801	0.14175
313	UCART2	396726.2	3767271.98	396726.15, 3767271.98	0.20539	0.17714
314	UCART3	396771.2	3767271.98	396771.15, 3767271.98	0.27425	0.22885
315	UCART4	396816.2	3767271.98	396816.15, 3767271.98	0.38219	0.28314
316	UCART5	396861.2	3767271.98	396861.15, 3767271.98	0.56985	0.34747
317	UCART6	396906.2	3767271.98	396906.15, 3767271.98	0.83114	0.39726
318	UCART7	396951.2	3767271.98	396951.15, 3767271.98	1.34625	0.46546
319	UCART8	397311.2	3767271.98	397311.15, 3767271.98	8.5242	1.24966
320	UCART9	397356.2	3767271.98	397356.15, 3767271.98	4.93824	1.27693
321	UCART10	397401.2	3767271.98	397401.15, 3767271.98	2.23463	1.14731
322	UCART11	397446.2	3767271.98	397446.15, 3767271.98	1.30054	1.17832
323	UCART12	397491.2	3767271.98	397491.15, 3767271.98	0.81966	1.33406
324	UCART13	397536.2	3767271.98	397536.15, 3767271.98	0.52703	1.44234
325	UCART14	397581.2	3767271.98	397581.15, 3767271.98	0.35119	1.42069
326	UCART15	397626.2	3767271.98	397626.15, 3767271.98	0.25987	1.37275
327	UCART16	397671.2	3767271.98	397671.15, 3767271.98	0.21104	1.18998
328	UCART17	397716.2	3767271.98	397716.15, 3767271.98	0.16564	0.8615
329	UCART18	397761.2	3767271.98	397761.15, 3767271.98	0.13555	0.58729
330	UCART19	397806.2	3767271.98	397806.15, 3767271.98	0.11262	0.39911
331	UCART20	397851.2	3767271.98	397851.15, 3767271.98	0.09392	0.27835
332	UCART21	397896.2	3767271.98	397896.15, 3767271.98	0.07922	0.20115
333	UCART22	397941.2	3767271.98	397941.15, 3767271.98	0.06789	0.15118
334	UCART23	396456.2	3767316.98	396456.15, 3767316.98	0.05715	0.05383
335	UCART24	396501.2	3767316.98	396501.15, 3767316.98	0.06346	0.05964
336	UCART25	396546.2	3767316.98	396546.15, 3767316.98	0.07092	0.06649
337	UCART26	396591.2	3767316.98	396591.15, 3767316.98	0.08331	0.07734
338	UCART27	396636.2	3767316.98	396636.15, 3767316.98	0.10333	0.09384
339	UCART28	396681.2	3767316.98	396681.15, 3767316.98	0.13496	0.11796
340	UCART29	396726.2	3767316.98	396726.15, 3767316.98	0.1755	0.14568
341	UCART30	396771.2	3767316.98	396771.15, 3767316.98	0.24882	0.1951
342	UCART31	396816.2	3767316.98	396816.15, 3767316.98	0.33521	0.23758
343	UCART32	396861.2	3767316.98	396861.15, 3767316.98	0.47183	0.28121
344	UCART33	396906.2	3767316.98	396906.15, 3767316.98	0.59787	0.30862
345	UCART34	396951.2	3767316.98	396951.15, 3767316.98	0.88534	0.36122
346	UCART35	396996.2	3767316.98	396996.15, 3767316.98	1.28691	0.41491
347	UCART36	397311.2	3767316.98	397311.15, 3767316.98	3.87266	0.83862
348	UCART37	397356.2	3767316.98	397356.15, 3767316.98	2.50867	0.81042
349	UCART38	397401.2	3767316.98	397401.15, 3767316.98	1.50154	0.74296
350	UCART39	397446.2	3767316.98	397446.15, 3767316.98	1.01477	0.7543
351	UCART40	397491.2	3767316.98	397491.15, 3767316.98	0.69356	0.78635
352	UCART41	397536.2	3767316.98	397536.15, 3767316.98	0.47155	0.79645
353	UCART42	397581.2	3767316.98	397581.15, 3767316.98	0.33221	0.78747
354	UCART43	397626.2	3767316.98	397626.15, 3767316.98	0.24649	0.75882
355	UCART44	397671.2	3767316.98	397671.15, 3767316.98	0.20907	0.76914
356	UCART45	397716.2	3767316.98	397716.15, 3767316.98	0.17254	0.64052
357	UCART46	397761.2	3767316.98	397761.15, 3767316.98	0.13974	0.48453
358	UCART47	397806.2	3767316.98	397806.15, 3767316.98	0.11342	0.3545
359	UCART48	397851.2	3767316.98	397851.15, 3767316.98	0.0969	0.2648
360	UCART49	397896.2	3767316.98	397896.15, 3767316.98	0.08142	0.19865
361	UCART50	397941.2	3767316.98	397941.15, 3767316.98	0.07063	0.15397
362	UCART51	396456.2	3767361.98	396456.15, 3767361.98	0.05641	0.05205
363	UCART52	396501.2	3767361.98	396501.15, 3767361.98	0.05951	0.05502
364	UCART53	396546.2	3767361.98	396546.15, 3767361.98	0.06621	0.06098
365	UCART54	396591.2	3767361.98	396591.15, 3767361.98	0.07836	0.07112
366	UCART55	396636.2	3767361.98	396636.15, 3767361.98	0.09502	0.08432
367	UCART56	396681.2	3767361.98	396681.15, 3767361.98	0.1247	0.10578
368	UCART57	396726.2	3767361.98	396726.15, 3767361.98	0.16718	0.13292
369	UCART58	396771.2	3767361.98	396771.15, 3767361.98	0.22302	0.16596
370	UCART59	396816.2	3767361.98	396816.15, 3767361.98	0.29187	0.20211
371	UCART60	396861.2	3767361.98	396861.15, 3767361.98	0.39294	0.23725
372	UCART61	396906.2	3767361.98	396906.15, 3767361.98	0.49197	0.25998
373	UCART62	396951.2	3767361.98	396951.15, 3767361.98	0.63674	0.28902
374	UCART63	396996.2	3767361.98	396996.15, 3767361.98	0.88766	0.33348
375	UCART64	397041.2	3767361.98	397041.15, 3767361.98	1.13111	0.3696
376	UCART65	397086.2	3767361.98	397086.15, 3767361.98	1.32221	0.39358
377	UCART66	397131.2	3767361.98	397131.15, 3767361.98	1.74112	0.44127
378	UCART67	397176.2	3767361.98	397176.15, 3767361.98	2.23516	0.4775
379	UCART68	397221.2	3767361.98	397221.15, 3767361.98	2.7519	0.53201
380	UCART69	397266.2	3767361.98	397266.15, 3767361.98	2.78403	0.57907
381	UCART70	397311.2	3767361.98	397311.15, 3767361.98	2.16712	0.57935
382	UCART71	397356.2	3767361.98	397356.15, 3767361.98	1.69754	0.59111
383	UCART72	397401.2	3767361.98	397401.15, 3767361.98	1.15377	0.55252
384	UCART73	397446.2	3767361.98	397446.15, 3767361.98	0.8791	0.57475
385	UCART74	397491.2	3767361.98	397491.15, 3767361.98	0.64286	0.58789

1.05E-03	1.32E-03	2.37E-03				
8.61E-04	4.12E-04	1.27E-03				
7.07E-04	2.01E-04	9.07E-04				
5.93E-04	1.23E-04	7.16E-04				
5.14E-04	8.73E-05	6.02E-04				
4.20E-04	6.12E-05	4.81E-04				
5.24E-04	3.99E-05	5.64E-04				
6.08E-04	4.68E-05	6.55E-04				
7.16E-04	5.49E-05	7.71E-04				
8.59E-04	6.59E-05	9.25E-04				
1.05E-03	8.20E-05	1.13E-03				
1.33E-03	1.02E-04	1.43E-03				
1.72E-03	1.34E-04	1.86E-03				
2.36E-03	1.73E-04	2.53E-03				
3.47E-03	2.26E-04	3.69E-03				
5.74E-03	2.95E-04	6.04E-03				
1.21E-02	3.84E-04	1.25E-02				
1.59E-02	3.62E-03	1.95E-02				
6.27E-03	4.09E-03	1.04E-02				
3.75E-03	2.96E-03	6.72E-03				
2.55E-03	2.85E-03	5.39E-03				
1.87E-03	2.69E-03	4.56E-03				
1.43E-03	2.42E-03	3.85E-03				
1.13E-03	9.30E-04	2.06E-03				
9.20E-04	4.20E-04	1.34E-03				
7.61E-04	2.27E-04	9.88E-04				
6.40E-04	1.42E-04	7.82E-04				
5.43E-04	9.71E-05	6.41E-04				
4.41E-04	6.76E-05	5.09E-04				
5.15E-04	3.72E-05	5.52E-04				
5.97E-04	4.29E-05	6.40E-04				
7.01E-04	5.01E-05	7.51E-04				
8.38E-04	5.96E-05	8.98E-04				
1.02E-03	7.25E-05	1.10E-03				
1.28E-03	8.86E-05	1.37E-03				
1.66E-03	1.15E-04	1.78E-03				
2.25E-03	1.45E-04	2.39E-03				
3.24E-03	1.84E-04	3.42E-03				
5.13E-03	2.29E-04	5.36E-03				
9.31E-03	2.87E-04	9.60E-03				
2.03E-02	3.47E-04	2.06E-02				
1.38E-02	1.29E-03	1.51E-02				
6.56E-03	1.46E-03	8.02E-03				
4.09E-03	1.69E-03	5.79E-03				
2.81E-03	1.69E-03	4.50E-03				
2.03E-03	1.51E-03	3.53E-03				
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1.19E-03	6.48E-04	1.84E-03				
9.73E-04	3.74E-04	1.35E-03				
8.07E-04	2.28E-04	1.04E-03				
6.75E-04	1.49E-04	8.25E-04				
5.74E-04	1.05E-04	6.79E-04				
4.91E-04	7.72E-05	5.68E-04				
4.82E-04	3.27E-05	5.14E-04				
5.52E-04	3.73E-05	5.89E-04				
6.42E-04	4.32E-05	6.85E-04				
7.82E-04	5.20E-05	8.34E-04				
9.50E-04	6.22E-05	1.01E-03				
1.20E-03	7.62E-05	1.27E-03				
1.56E-03	9.52E-05	1.65E-03				
2.08E-03	1.23E-04	2.20E-03				
2.90E-03	1.52E-04	3.05E-03				
4.32E-03	1.87E-04	4.50E-03				
6.30E-03	2.14E-04	6.51E-03				
1.02E-02	2.50E-04	1.04E-02				
6.46E-02	6.72E-04	6.52E-02				
3.74E-02	6.87E-04	3.81E-02				
1.69E-02	6.17E-04	1.75E-02				
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2.66E-03	7.64E-04	3.42E-03				
1.97E-03	7.38E-04	2.71E-03				
1.60E-03	6.40E-04	2.24E-03				
1.25E-03	4.63E-04	1.72E-03				
1.03E-03	3.16E-04	1.34E-03				
8.53E-04	2.15E-04	1.07E-03				
7.12E-04	1.50E-04	8.61E-04				
6.00E-04	1.08E-04	7.08E-04				
5.14E-04	8.13E-05	5.96E-04				
4.33E-04	2.89E-05	4.62E-04				
4.81E-04	3.21E-05	5.13E-04				
5.37E-04	3.58E-05	5.73E-04				
6.31E-04	4.16E-05	6.73E-04				
7.83E-04	5.05E-05	8.33E-04				
1.02E-03	6.34E-05	1.09E-03				
1.33E-03	7.83E-05	1.41E-03				
1.89E-03	1.05E-04	1.99E-03				
2.54E-03	1.28E-04	2.67E-03				
3.57E-03	1.51E-04	3.73E-03				
4.53E-03	1.66E-04	4.70E-03				
6.71E-03	1.94E-04	6.90E-03				
9.75E-03	2.23E-04	9.97E-03				
2.93E-02	4.51E-04	2.98E-02				
1.90E-02	4.36E-04	1.94E-02				
1.14E-02	3.99E-04	1.18E-02				
7.69E-03	4.06E-04	8.09E-03				
5.25E-03	4.23E-04	5.68E-03				
3.57E-03	4.28E-04	4.00E-03				
2.52E-03	4.23E-04	2.94E-03				
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1.31E-03	3.44E-04	1.65E-03				
1.06E-03	2.61E-04	1.32E-03				
8.59E-04	1.91E-04	1.05E-03				
7.34E-04	1.42E-04	8.76E-04				
6.17E-04	1.07E-04	7.24E-04				
5.35E-04	8.28E-05	6.18E-04				
4.27E-04	2.80E-05	4.55E-04				
4.51E-04	2.96E-05	4.80E-04				
5.02E-04	3.28E-05	5.34E-04				
5.94E-04	3.82E-05	6.32E-04				
7.20E-04	4.53E-05	7.65E-04				
9.45E-04	5.69E-05	1.00E-03				
1.27E-03	7.15E-05	1.34E-03				
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2.21E-03	1.09E-04	2.32E-03				
2.98E-03	1.28E-04	3.10E-03				
3.73E-03	1.40E-04	3.87E-03				
4.82E-03	1.55E-04	4.98E-03				
6.72E-03	1.79E-04	6.90E-03				
8.57E-03	1.99E-04	8.77E-03				
1.00E-02	2.12E-04	1.02E-02				
1.32E-02	2.37E-04	1.34E-02				
1.69E-02	2.57E-04	1.72E-02				
2.08E-02	2.86E-04	2.11E-02				
2.11E-02	3.11E-04	2.14E-02				
1.64E-02	3.12E-04	1.67E-02				
1.29E-02	3.18E-04	1.32E-02				
8.74E-03	2.97E-04	9.04E-03				
6.66E-03	3.09E-04	6.97E-03				
4.87E-03	3.16E-04	5.19E-03				

8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	3.2E-08	2.9E-07	6.8E-08	0.0E+00	0.0E+00	3.9E-07
4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.7E-08	1.6E-07	3.6E-08	0.0E+00	0.0E+00	2.1E-07
3.1E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	1.2E-08	1.1E-07	2.6E-08	0.0E+00	0.0E+00	1.5E-07
2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	9.7E-09	8.8E-08	2.0E-08	0.0E+00	0.0E+00	1.2E-07
2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	8.2E-09	7.4E-08	1.7E-08	0.0E+00	0.0E+00	9.9E-08
1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	5.9E-08	1.4E-08	0.0E+00	0.0E+00	8.0E-08
2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	7.7E-09	6.9E-08	1.6E-08	0.0E+00	0.0E+00	9.3E-08
2.3E-07	6.8E-07	4.0E-07	3.6E-07	1.6E-07	8.9E-09	8.1E-08	1.9E-08	0.0E+00	0.0E+00	1.1E-07
2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	1.0E-08	9.5E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.3E-08	1.1E-07	2.6E-08	0.0E+00	0.0E+00	1.5E-07
3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.5E-08	1.4E-07	3.2E-08	0.0E+00	0.0E+00	1.9E-07
4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.9E-08	1.8E-07	4.1E-08	0.0E+00	0.0E+00	2.4E-07
6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.7E-07	2.5E-08	2.3E-07	5.3E-08	0.0E+00	0.0E+00	3.1E-07
8.8E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.4E-08	3.1E-07	7.2E-08	0.0E+00	0.0E+00	4.2E-07
1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.2E-07	5.0E-08	4.6E-07	1.1E-07	0.0E+00	0.0E+00	6.1E-07
2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	8.2E-08	7.4E-07	1.7E-07	0.0E+00	0.0E+00	1.0E-06
4.3E-06	1.3E-05	7.5E-06	6.8E-06	3.1E-06	1.7E-07	1.5E-06	3.6E-07	0.0E+00	0.0E+00	2.1E-06
6.7E-06	2.0E-05	1.2E-05	1.1E-05	4.9E-06	2.6E-07	2.4E-06	5.6E-07	0.0E+00	0.0E+00	3.2E-06
3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	1.4E-07	1.3E-06	3.0E-07	0.0E+00	0.0E+00	1.7E-06
2.3E-06	7.0E-06	4.1E-06	3.7E-06	1.7E-06	9.1E-08	8.3E-07	1.9E-07	0.0E+00	0.0E+00	1.1E-06
1.9E-06	5.6E-06	3.3E-06	3.0E-06	1.4E-06	7.3E-08	6.6E-07	1.5E-07	0.0E+00	0.0E+00	8.9E-07
1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	6.2E-08	5.6E-07	1.3E-07	0.0E+00	0.0E+00	7.5E-07
1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	5.2E-08	4.7E-07	1.1E-07	0.0E+00	0.0E+00	6.4E-07
7.1E-07	2.2E-06	1.2E-06	1.1E-06	5.2E-07	2.8E-08	2.5E-07	5.9E-08	0.0E+00	0.0E+00	3.4E-07
4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.4E-07	1.8E-08	1.7E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	1.1E-08	9.6E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.7E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	6.3E-08	1.5E-08	0.0E+00	0.0E+00	8.4E-08
1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	7.5E-09	6.8E-08	1.6E-08	0.0E+00	0.0E+00	9.1E-08
2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.7E-09	7.9E-08	1.8E-08	0.0E+00	0.0E+00	1.1E-07
2.6E-07	7.9E-07	4.5E-07	4.1E-07	1.9E-07	1.0E-08	9.3E-08	2.1E-08	0.0E+00	0.0E+00	1.2E-07
3.1E-07	9.4E-07	5.4E-07	4.9E-07	2.2E-07	1.2E-08	1.1E-07	2.6E-08	0.0E+00	0.0E+00	1.5E-07
3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.5E-08	1.4E-07	3.1E-08	0.0E+00	0.0E+00	1.8E-07
4.7E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.9E-08	1.7E-07	3.9E-08	0.0E+00	0.0E+00	2.3E-07
6.2E-07	1.9E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	2.2E-07	5.1E-08	0.0E+00	0.0E+00	2.9E-07
8.3E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	3.3E-08	2.9E-07	6.8E-08	0.0E+00	0.0E+00	4.0E-07
1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.7E-08	4.2E-07	9.8E-08	0.0E+00	0.0E+00	5.7E-07
1.9E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	7.3E-08	6.6E-07	1.5E-07	0.0E+00	0.0E+00	8.9E-07
3.3E-06	1.0E-05	5.8E-06	5.3E-06	2.4E-06	1.3E-07	1.2E-06	2.7E-07	0.0E+00	0.0E+00	1.6E-06
7.1E-06	2.2E-05	1.2E-05	1.1E-05	5.2E-06	2.8E-07	2.5E-06	5.9E-07	0.0E+00	0.0E+00	3.4E-06
5.2E-06	1.6E-05	9.2E-06	8.3E-06	3.8E-06	2.1E-07	1.9E-06	4.3E-07	0.0E+00	0.0E+00	2.5E-06

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518	UCART207	396546.2	3767586.98	396546.15, 3767586.98	0.05136	0.04479	3.89E-04	2.41E-05	4.13E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	5.1E-08	1.2E-08	0.0E+00	0.0E+00	6.8E-08
519	UCART208	396591.2	3767586.98	396591.15, 3767586.98	0.05742	0.04934	4.35E-04	2.65E-05	4.62E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	5.7E-08	1.3E-08	0.0E+00	0.0E+00	7.6E-08
520	UCART209	396636.2	3767586.98	396636.15, 3767586.98	0.06525	0.05493	4.94E-04	2.95E-05	5.24E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.1E-09	6.5E-08	1.5E-08	0.0E+00	0.0E+00	8.7E-08
521	UCART210	396681.2	3767586.98	396681.15, 3767586.98	0.07612	0.06218	5.77E-04	3.34E-05	6.10E-04	2.1E-07	6.4E-07	3.7E-07	3.3E-07	1.5E-07	8.3E-09	7.5E-08	1.7E-08	0.0E+00	0.0E+00	1.0E-07
522	UCART211	396726.2	3767586.98	396726.15, 3767586.98	0.10403	0.07877	7.88E-04	4.24E-05	8.30E-04	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
523	UCART212	396771.2	3767586.98	396771.15, 3767586.98	0.12848	0.09241	9.73E-04	4.97E-05	1.02E-03	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.4E-08	1.3E-07	2.9E-08	0.0E+00	0.0E+00	1.7E-07
524	UCART213	396816.2	3767586.98	396816.15, 3767586.98	0.1477	0.10126	1.12E-03	5.44E-05	1.17E-03	4.1E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
525	UCART214	396861.2	3767586.98	396861.15, 3767586.98	0.17076	0.11137	1.29E-03	5.99E-05	1.35E-03	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.8E-08	1.7E-07	3.9E-08	0.0E+00	0.0E+00	2.2E-07
526	UCART215	396906.2	3767586.98	396906.15, 3767586.98	0.20362	0.12444	1.54E-03	6.69E-05	1.61E-03	5.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.7E-07
527	UCART216	396951.2	3767586.98	396951.15, 3767586.98	0.23103	0.13332	1.75E-03	7.17E-05	1.82E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.2E-07	5.2E-08	0.0E+00	0.0E+00	3.0E-07
528	UCART217	396996.2	3767586.98	396996.15, 3767586.98	0.27574	0.14748	2.09E-03	7.93E-05	2.17E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.9E-08	2.7E-07	6.2E-08	0.0E+00	0.0E+00	3.6E-07
529	UCART218	397041.2	3767586.98	397041.15, 3767586.98	0.3154	0.15782	2.39E-03	8.49E-05	2.47E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.4E-08	3.0E-07	7.1E-08	0.0E+00	0.0E+00	4.1E-07
530	UCART219	397086.2	3767586.98	397086.15, 3767586.98	0.35613	0.16749	2.70E-03	9.01E-05	2.79E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.8E-08	3.4E-07	8.0E-08	0.0E+00	0.0E+00	4.6E-07
531	UCART220	397131.2	3767586.98	397131.15, 3767586.98	0.39601	0.17646	3.00E-03	9.49E-05	3.09E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	4.2E-08	3.8E-07	8.8E-08	0.0E+00	0.0E+00	5.1E-07
532	UCART221	397176.2	3767586.98	397176.15, 3767586.98	0.43507	0.1858	3.30E-03	9.99E-05	3.40E-03	1.2E-06	3.5E-06	2.1E-06	1.9E-06	8.5E-07	4.6E-08	4.2E-07	9.7E-08	0.0E+00	0.0E+00	5.6E-07
533	UCART222	397221.2	3767586.98	397221.15, 3767586.98	0.46804	0.19524	3.55E-03	1.05E-04	3.65E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	5.0E-08	4.5E-07	1.0E-07	0.0E+00	0.0E+00	6.0E-07
534	UCART223	397266.2	3767586.98	397266.15, 3767586.98	0.49591	0.20703	3.76E-03	1.11E-04	3.87E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.7E-07	5.3E-08	4.8E-07	1.1E-07	0.0E+00	0.0E+00	6.4E-07
535	UCART224	397311.2	3767586.98	397311.15, 3767586.98	0.4985	0.21543	3.78E-03	1.16E-04	3.89E-03	1.3E-06	4.1E-06	2.4E-06	2.1E-06	9.7E-07	5.3E-08	4.8E-07	1.1E-07	0.0E+00	0.0E+00	6.4E-07
536	UCART225	397356.2	3767586.98	397356.15, 3767586.98	0.48549	0.22388	3.68E-03	1.20E-04	3.80E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	5.2E-08	4.7E-07	1.1E-07	0.0E+00	0.0E+00	6.3E-07
537	UCART226	397401.2	3767586.98	397401.15, 3767586.98	0.44998	0.22763	3.41E-03	1.22E-04	3.53E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	4.8E-08	4.4E-07	1.0E-07	0.0E+00	0.0E+00	5.8E-07
538	UCART227	397446.2	3767586.98	397446.15, 3767586.98	0.38422	0.21844	2.91E-03	1.17E-04	3.03E-03	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	4.1E-08	3.7E-07	8.6E-08	0.0E+00	0.0E+00	5.0E-07
539	UCART228	397491.2	3767586.98	397491.15, 3767586.98	0.33866	0.2188	2.57E-03	1.18E-04	2.68E-03	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.6E-08	3.3E-07	7.7E-08	0.0E+00	0.0E+00	4.4E-07
540	UCART229	397536.2	3767586.98	397536.15, 3767586.98	0.29323	0.21693	2.22E-03	1.17E-04	2.34E-03	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.9E-07	3.2E-08	2.9E-07	6.7E-08	0.0E+00	0.0E+00	3.9E-07
541	UCART230	397581.2	3767586.98	397581.15, 3767586.98	0.25253	0.21384	1.91E-03	1.15E-04	2.03E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.8E-08	2.5E-07	5.8E-08	0.0E+00	0.0E+00	3.4E-07
542	UCART231	397626.2	3767586.98	397626.15, 3767586.98	0.21591	0.20763	1.64E-03	1.12E-04	1.75E-03	6.0E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.4E-08	2.2E-07	5.0E-08	0.0E+00	0.0E+00	2.9E-07
543	UCART232	397671.2	3767586.98	397671.15, 3767586.98	0.18229	0.19622	1.38E-03	1.06E-04	1.49E-03	5.1E-07	1.6E-06	9.0E-07	8.2E-07	3.7E-07	2.0E-08	1.8E-07	4.2E-08	0.0E+00	0.0E+00	2.5E-07
544	UCART233	397716.2	3767586.98	397716.15, 3767586.98	0.15546	0.18377	1.18E-03	9.88E-05	1.28E-03	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.7E-08	1.6E-07	3.6E-08	0.0E+00	0.0E+00	2.1E-07
545	UCART234	397761.2	3767586.98	397761.15, 3767586.98	0.13427	0.1707	1.02E-03	9.18E-05	1.11E-03	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.5E-08	1.4E-07	3.2E-08	0.0E+00	0.0E+00	1.8E-07
546	UCART235	396456.2	3767631.98	396456.15, 3767631.98	0.03951	0.03517	2.99E-04	1.89E-05	3.18E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	8.0E-08	4.3E-09	3.9E-08	9.1E-09	0.0E+00	0.0E+00	5.3E-08
547	UCART236	396501.2	3767631.98	396501.15, 3767631.98	0.04349	0.03832	3.29E-04	2.06E-05	3.50E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.8E-09	4.3E-08	1.0E-08	0.0E+00	0.0E+00	5.8E-08
548	UCART237	396546.2	3767631.98	396546.15, 3767631.98	0.04836	0.04204	3.66E-04	2.26E-05	3.89E-04	1.3E-07	4.1E-07	2.4E-07	2.1E-07	9.7E-08	5.3E-09	4.8E-08	1.1E-08	0.0E+00	0.0E+00	6.4E-08
549	UCART238	396591.2	3767631.98	396591.15, 3767631.98	0.05446	0.04652	4.13E-04	2.50E-05	4.38E-04	1.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	6.0E-09	5.4E-08	1.2E-08	0.0E+00	0.0E+00	7.2E-08
550	UCART239	396636.2	3767631.98	396636.15, 3767631.98	0.06254	0.05213	4.74E-04	2.80E-05	5.02E-04	1.7E-07	5.2E-07	3.0E-07	2.8E-07	1.3E-07	6.8E-09	6.2E-08	1.4E-08	0.0E+00	0.0E+00	8.3E-08
551	UCART240	396681.2	3767631.98	396681.15, 3767631.98	0.07843	0.0623	5.94E-04	3.35E-05	6.28E-04	2.2E-07	6.6E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	7.7E-08	1.8E-08	0.0E+00	0.0E+00	1.0E-07
552	UCART241	396726.2	3767631.98	396726.15, 3767631.98	0.09928	0.07453	7.52E-04	4.01E-05	7.92E-04	2.7E-07	8.3E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	9.8E-08	2.3E-08	0.0E+00	0.0E+00	1.3E-07
553	UCART242	396771.2	3767631.98	396771.15, 3767631.98	0.11331	0.08204	8.58E-04	4.41E-05	9.03E-04	3.1E-07	9.4E-07	5.5E-07	5.0E-07	2.3E-07	1.2E-08	1.1E-07	2.6E-08	0.0E+00	0.0E+00	1.5E-07
554	UCART243	396816.2	3767631.98	396816.15, 3767631.98	0.12299	0.08686	9.32E-04	4.67E-05	9.78E-04	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.4E-07	1.3E-08	1.2E-07	2.8E-08	0.0E+00	0.0E+00	1.6E-07
555	UCART244	396861.2	3767631.98	396861.15, 3767631.98	0.14478	0.097	1.10E-03	5.22E-05	1.15E-03	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.6E-08	1.4E-07	3.3E-08	0.0E+00	0.0E+00	1.9E-07
556	UCART245	396906.2	3767631.98	396906.15, 3767631.98	0.16915	0.10711	1.28E-03	5.76E-05	1.34E-03	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.4E-07	1.8E-08	1.6E-07	3.8E-08	0.0E+00	0.0E+00	2.2E-07
557	UCART246	396951.2	3767631.98	396951.15, 3767631.98	0.19048	0.11453	1.44E-03	6.16E-05	1.50E-03	5.2E-07	1.6E-06	9.1E-07	8.3E-07	3.8E-07	2.0E-08	1.9E-07	4.3E-08	0.0E+00	0.0E+00	2.5E-07
558	UCART247	396996.2	3767631.98	396996.15, 3767631.98	0.2225	0.12539	1.69E-03	6.74E-05	1.75E-03	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.4E-08	2.2E-07	5.0E-08	0.0E+00	0.0E+00	2.9E-07
559	UCART248	397041.2	3767631.98	397041.15, 3767631.98	0.2579	0.13634	1.95E-03	7.33E-05	2.03E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.8E-08	2.5E-07	5.8E-08	0.0E+00	0.0E+00	3.4E-07
560	UCART249	397086.2	3767631.98	397086.15, 3767631.98	0.29203	0.14582	2.21E-03	7.84E-05	2.29E-03	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	3.1E-08	2.8E-07	6.5E-08	0.0E+00	0.0E+00	3.8E-07
561	UCART250	397131.2	3767631.98	397131.15, 3767631.98	0.32471	0.1544	2.46E-03	8.30E-05	2.54E-03	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.5E-08	3.1E-07	7.3E-08	0.0E+00	0.0E+00	4.2E-07
562	UCART251	397176.2	3767631.98	397176.15, 3767631.98	0.34732	0.15971	2.63E-03	8.59E-05	2.72E-03	9.4E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	3.7E-08	3.3E-07	7.8E-08	0.0E+00	0.0E+00	4.5E-07
563	UCART252	397221.2	3767631.98	397221.15, 3767631.98	0.37024	0.16674	2.80E-03	8.97E-05	2.89E-03	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.2E-07	3.9E-08	3.6E-07	8.3E-08	0.0E+00	0.0E+00	4.8E-07
564	UCART253	397266.2	3767631.98	397266.15, 3767631.98	0.39157	0.17597	2.97E-03	9.46E-05	3.06E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	4.2E-08	3.8E-07	8.7E-08	0.0E+00	0.0E+00	5.1E-07
565	UCART254	397311.2	3767631.98	397311.15, 3767631.98	0.39898	0.18377	3.02E-03	9.88E-05	3.12E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	4.2E-08	3.8E-07	8.9E-08	0.0E+00	0.0E+00	5.2E-07
566	UCART255	397356.2	3767631.98	397356.15, 3767631.98	0.39304	0.19048	2.98E-03	1.02E-04	3.08E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	4.2E-08	3.8E-07	8.8E-08	0.0E+00	0.0E+00	5.1E-07
567	UCART256	397401.2	3767631.98	397401.15, 3767631.98	0.37229	0.19444	2.82E-03	1.05E-04	2.92E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.3E-07	4.0E-08	3.6E-07	8.3E-08	0.0E+00	0.0E+00	4.8E-07
568	UCART257	397446.2	3767631.98	397446.15, 3767631.98	0.3294	0.1894	2.50E-03	1.02E-04	2.60E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.5E-08	3.2E-07	7.4E-08	0.0E+00	0.0E+00	4.3E-07
569	UCART258	397491.2	3767631.98	397491.15, 3767631.98	0.2947	0.18876	2.23E-03	1.01E-04	2.33E-03	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	3.2E-08	2.9E-07	6.7E-08	0.0E+00	0.0E+00	3.9E-07
570	UCART259	397536.2	3767631.98	397536.15, 3767631.98	0.25998	0.18692	1.97E-03	1.01E-04	2.07E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.8E-08	2.5E-07	5.9E-08	0.0E+00	0.0E+00	3.4E-07
571	UCART260	397581.2	3767631.98	397581.15, 3767631.98	0.22755	0.18388	1.72E-03	9.89E-05	1.82E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.2E-07	5.2E-08	0.0E+00	0.0E+00	3.0E-07
572	UCART261	397626.2	3767631.98	397626.15, 3767631.98	0.19827	0.17916	1.50E-03	9.63E-05	1.60E-03	5.5E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.2E-08	2.0E-07	4.6E-08	0.0E+00	0.0E+00	2.6E-07
573	UCART262	397671.2	3767631.98	397671.15, 3767631.98	0.17096	0.17097	1.30E-03	9.19E-05	1.39E-03	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
574	UCART263	397716.2	3767631.98	397716.15, 3767631.98	0.14795	0.16136	1.12E-03	8.68E-05	1.21E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.6E-08	1.5E-07	3.4E-08	0.0E+00	0.0E+00	2.0E-07
575	UCART264	397761.2	3767631.98	397761.15, 3767631.98	0.129	0.15088	9.77E-04	8.11E-05	1.06E-03	3.7E-07	1.1E-06	6.4E-07	5.8E-07	2.6E-07	1.4E-08	1.3E-07	3.0E-08	0.0E+00	0.0E+00	1.7E-07
576	UCART265	396456.2	3767676.98	396456.15, 3767676.98	0.03733	0.0332	2.83E-04	1.79E-05	3.01E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	4.1E-09	3.7E-08	8.6E-09	0.0E+00	0.0E+00	5.0E-08
577	UCART266	396501.2	3767676.98	396501.15, 3767676.98	0.0412	0.03622	3.12E-04	1.95E-05	3.32E-04	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	4.5E-09	4.1E-08	9.5E-09	0.0E+00	0.0E+00	5.5E-08
578	UCART267	396546.2	3767676.98	396546.15, 3767676.98	0.04609	0.03989	3.49E-04	2.14E-05	3.71E-04	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	5.0E-09	4.6E-08	1.1E-08	0.0E+00	0.0E+00	6.1E-08
579	UCART268	396591.2	3767676.98	396591.15, 3767676.98	0.0517	0.04395	3.92E-04	2.36E-05	4.15E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	5.1E-08	1.2E-08	0.0E+00	0.0E+00	6.9E-08
580	UCART269	396636.2	3767676.98	396636.15, 3767676.98	0.06161	0.05063	4.67E-04	2.72E-05	4.94E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	6.1E-08	1.4E-08	0.0E+00	0.0E+00	8.2E-08
581	UCART270	396681.2	3767676.98	396681.15, 3767676.98	0.07815	0.0609	5.92E-04	3.27E-05	6.25E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	7.7E-08	1.8E-08	0.0E+00	0.0E+00	1.0E-07
582	UCART271	396726.2	3767676.98	396726.15, 3767676.98	0.08978	0.06772	6.80E-04	3.64E-05	7.17E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	9.7E-09	8.8E-08	2.0E-08	0.0E+00	0.0E+00	1.2E-07
583	UCART272	396771.2	3767676.98	396771.15, 3767676.98	0.09888	0.0728	7.49E-04	3.91E-05	7.88E-04	2.7E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	9.7E-08	2.2E-08	0.0E+00	0.0E+00	1.3E-07
584	UCART273	396816.2	3767676.98	396816.15, 3767676.98	0.10613	0.07638	8.04E-04	4.11E-05	8.45E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	1.1E-08	1.0E-07	2.4E-08	0.0E+00	0.0E+00	1.4E-07
585	UCART274	396861.2	3767676.98	396861.15, 3767676.98	0.11974	0.08289	9.07E-04	4.46E-05	9.52E-04	3.3E-07	9.9E-07	5.8E-07	5.2E-07	2.4E-07	1.3E-08	1.2E-07	2.7E-08	0.0E+00	0.0E+00	1.6E-07
586	UCART275	396906.2	3767676.98	396906.15, 3767676.98	0.13098	0.08746	9.92E-04	4.70E-05	1.04E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.4E-08	1.3E-07	3.0E-08	0.0E+00	0.0E+00	1.7E-07
587	UCART276	396951.2	3767676.98	396951.15, 3767676.98	0.15244	0.09619	1.15E-03	5.17E-05	1.21E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.6E-08	1.5E-07	3.4E-08	0.0E+00	0.0E+00	2.0E-07
588	UCART277	396996.2	3767676.98	396996.15, 3767676.98	0.17937	0.10635	1.36E-03	5.72E-05	1.42E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.5E-07	1.9E-08	1.7E-07	4.0E-08	0.0E+00	0.0E+00	2.3E-07
589	UCART278	397041.2	3767676.98	397041.15, 3767676.98	0.20991	0.11703	1.59E-03	6.29E-05	1.65E-03	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.1E-07	2.2E-08	2.0E-07	4.7E-08	0.0E+00	0.0E+00	2.7E-07
590	UCART279	397086.2	3767676.98	397086.15, 3767676.98	0.2407	0.127	1.82E-03	6.83E-05	1.89E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	2.3E-07	5.4E-08	0.0E+00	0.0E+00	3.1E-07
591	UCART280	397131.2	3767676.98	397131.15, 3767676.98	0.27024	0.13613	2.05E-03	7.32E-05	2.12E-03	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.9E-08	2.6E-07	6.0E-08	0.0E+00	0.0E+00	3.5E-07
592	UCART281	397176.2	3767676.98	397176.15, 3767676.98	0.28799	0.14077	2.18E-03	7.57E-05	2.26E-03	7.8E-07	2.4E-06	1.4E-06	1.2E-06	5.6E-07	3.1E-08	2.8E-07	6.4E-08	0.0E+00	0.0E+00	3.7E-07
593	UCART282	397221.2	3767676.98	397221.15, 3767676.98	0.30227	0.14521	2.29E-03	7.81E-05	2.37E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	3.2E-08	2.9E-07	6.8E-08	0.0E+00	0.0E+00	3.9E-07
594	UCART283	397266.2	3767676.98	397266.15, 3767676.98	0.31263	0.15002	2.37E-03	8.07E-05	2.45E-03	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	3.3E-08	3.0E-07	7.0E-08	0.0E+00	0.0E+00	4.0E-07
595	UCART284	397311.2	3767676.98	397311.15, 3767676.98	0.3242	0.15806	2.46E-03	8.50E-05	2.54E-03	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.5E-08	3.1E-07	7.2E-08	0.0E+00	0.0E+00	4.2E-07
596	UCART285	397356.2	3767676.98	397356.15, 3767676.98	0.32402	0.16434	2.45E-03	8.84E-05	2.54E-03	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.5E-08	3.1E-07	7.3E-08	0.0E+00	0.0E+00	4.2E-07
597	UCART286	397401.2	3767676.98	397401.15, 3767676.98	0.3131	0.16874	2.37E-03	9.07E-05	2.46E-03	8.5E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.3E-08	3.0E-07	7.0E-08	0.0E+00	0.0E+00	4.1E-07
598	UCART287	397446.2	3767676.98	397446.15, 3767676.98	0.28342	0.16545	2.15E-03	8.90E-05	2.24E-03	7.7E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	3.0E-08	2.8E-07	6.4E-08	0.0E+00	0.0E+00	3.7E-07
599	UCART288	397491.2	3767676.98	397491.15, 3767676.98	0.2536	0.16238	1.92E-03	8.73E-05	2.01E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	2.5E-07	5.7E-08	0.0E+00	0.0E+00	3.3E-07
600	UCART289	397536.2	3767676.98	397536.15, 3767676.98	0.23031	0.1627	1.74E-03	8.75E-05	1.83E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	2.3E-07	5.2E-08	0.0E+00	0.0E+00	3.0E-07
601	UCART290	397581.2	3767676.98	397581.15, 3767676.98	0.20565	0.16077	1.56E-03	8.64E-05	1.64E-03	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	2.2E-08	2.0E-07	4.7E-08	0.0E+00	0.0E+00	2.7E-07
602	UCART291	397626.2	3767676.98	397626.15, 3767676.98	0.18173	0.15679	1.38E-03	8.43E-05	1.46E-03	5.1E-07	1.5E-06	8.8E-07	8.0E-07	3.7E-07	2.0E-08	1.8E-07	4.2E-08	0.0E+00	0.0E+00	2.4E-07
603	UCART292	397671.2	3767676.98	397671.15, 3767676.98	0.15973	0.15096	1.21E-03	8.12E-05	1.29E-03	4.5E-07	1.3E-06	7.8E-07	7.1E-07	3.2E-07	1.8E-08	1.6E-07	3.7E-08	0.0E+00	0.0E+00	2.1E-07
604	UCART293	397716.2	3767676.98	397716.15, 3767676.98	0.14015	0.14346	1.06E-03	7.71E-05	1.14E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.9E-07	1.5E-08	1.4E-07	3.2E-08	0.0E+00	0.0E+00	1.9E-07
605	UCART294	397761.2	3767676.98	397761.15, 3767676.98	0.12366	0.13526	9.37E-04	7.27E-05	1.01E-03	3.5E-07	1.1E-06	6.1E-07	5.5E-07	2.5E-07

OPERATIONAL RISK (UNMITIGATED)

Unmitigated

200 hours
1.97E-03

	Discrete Receptor ID	X	Y	X, Y	Operations Concentration (AVERAGE CONC) [ug/m^3] Generators	Concentration (AVERAGE CONC) [ug/m^3] Generators	Unmitigated Total	Residential Dose 3rd Tri	0<2	2<9	9<16	16<30	3rd Tri	0<2	2<9	9<16	16<30	Risk by Age Group Total Risk
1	UCART1	396558.26	3766771.08	396558.26, 3766771.08	0.37381	7.38E-04	7.38E-04	2.6E-07	7.7E-07	4.5E-07	4.0E-07	1.8E-07	8.5E-09	2.1E-07	1.1E-07	9.6E-08	2.9E-08	4.5E-07
2	UCART1	396598.26	3766771.08	396598.26, 3766771.08	0.45613	9.00E-04	9.00E-04	3.1E-07	9.4E-07	5.4E-07	4.9E-07	2.3E-07	1.0E-08	2.5E-07	1.3E-07	1.2E-07	3.6E-08	5.4E-07
3	UCART1	396638.26	3766771.08	396638.26, 3766771.08	0.57471	1.13E-03	1.13E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.9E-07	1.3E-08	3.2E-07	1.6E-07	1.5E-07	4.5E-08	6.9E-07
4	UCART1	396678.26	3766771.08	396678.26, 3766771.08	0.70039	1.38E-03	1.38E-03	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.6E-08	3.9E-07	2.0E-07	1.8E-07	5.5E-08	8.4E-07
5	UCART1	396718.26	3766771.08	396718.26, 3766771.08	0.84771	1.67E-03	1.67E-03	5.8E-07	1.7E-06	1.0E-06	9.2E-07	4.2E-07	1.9E-08	4.7E-07	2.4E-07	2.2E-07	6.6E-08	1.0E-06
6	UCART1	396758.26	3766771.08	396758.26, 3766771.08	0.97286	1.92E-03	1.92E-03	6.6E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.2E-08	5.4E-07	2.8E-07	2.5E-07	7.6E-08	1.2E-06
7	UCART1	396798.26	3766771.08	396798.26, 3766771.08	1.03496	2.00E-03	2.00E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.3E-08	5.6E-07	2.9E-07	2.6E-07	7.9E-08	1.2E-06
8	UCART1	396838.26	3766771.08	396838.26, 3766771.08	1.06081	2.09E-03	2.09E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.4E-08	5.8E-07	3.0E-07	2.7E-07	8.3E-08	1.3E-06
9	UCART1	396878.26	3766771.08	396878.26, 3766771.08	1.05727	2.09E-03	2.09E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.4E-08	5.8E-07	3.0E-07	2.7E-07	8.2E-08	1.3E-06
10	UCART1	396918.26	3766771.08	396918.26, 3766771.08	0.99795	1.97E-03	1.97E-03	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.3E-08	5.5E-07	2.8E-07	2.6E-07	7.8E-08	1.2E-06
11	UCART1	396958.26	3766771.08	396958.26, 3766771.08	0.88966	1.76E-03	1.76E-03	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.0E-08	4.9E-07	2.5E-07	2.3E-07	6.9E-08	1.1E-06
12	UCART1	396998.26	3766771.08	396998.26, 3766771.08	0.73838	1.46E-03	1.46E-03	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	1.7E-08	4.1E-07	2.1E-07	1.9E-07	5.8E-08	8.8E-07
13	UCART1	397038.26	3766771.08	397038.26, 3766771.08	0.57771	1.14E-03	1.14E-03	3.9E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.3E-08	3.2E-07	1.6E-07	1.5E-07	4.5E-08	6.9E-07
14	UCART1	397078.26	3766771.08	397078.26, 3766771.08	0.43484	8.58E-04	8.58E-04	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.1E-07	9.9E-09	2.4E-07	1.2E-07	1.1E-07	3.4E-08	5.2E-07
15	UCART1	397118.26	3766771.08	397118.26, 3766771.08	0.32516	6.42E-04	6.42E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	7.4E-09	1.8E-07	9.2E-08	8.4E-08	2.5E-08	3.9E-07
16	UCART1	397158.26	3766771.08	397158.26, 3766771.08	0.24764	4.89E-04	4.89E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.6E-09	1.4E-07	7.0E-08	6.4E-08	1.9E-08	3.0E-07
17	UCART1	397198.26	3766771.08	397198.26, 3766771.08	0.20363	4.02E-04	4.02E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	4.6E-09	1.1E-07	5.8E-08	5.2E-08	1.6E-08	2.4E-07
18	UCART1	397238.26	3766771.08	397238.26, 3766771.08	0.18505	3.65E-04	3.65E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	4.2E-09	1.0E-07	5.3E-08	4.8E-08	1.4E-08	2.2E-07
19	UCART1	397278.26	3766771.08	397278.26, 3766771.08	0.18079	3.57E-04	3.57E-04	1.2E-07	3.7E-07	2.2E-07	2.0E-07	8.9E-08	4.1E-09	1.0E-07	5.1E-08	4.7E-08	1.4E-08	2.2E-07
20	UCART1	397318.26	3766771.08	397318.26, 3766771.08	0.1835	3.62E-04	3.62E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	4.2E-09	1.0E-07	5.2E-08	4.7E-08	1.4E-08	2.2E-07
21	UCART1	397358.26	3766771.08	397358.26, 3766771.08	0.18464	3.64E-04	3.64E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	4.2E-09	1.0E-07	5.2E-08	4.7E-08	1.4E-08	2.2E-07
22	UCART1	397398.26	3766771.08	397398.26, 3766771.08	0.18314	3.61E-04	3.61E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	4.2E-09	1.0E-07	5.2E-08	4.7E-08	1.4E-08	2.2E-07
23	UCART1	397438.26	3766771.08	397438.26, 3766771.08	0.17768	3.51E-04	3.51E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.1E-09	9.8E-08	5.0E-08	4.6E-08	1.4E-08	2.1E-07
24	UCART1	397478.26	3766771.08	397478.26, 3766771.08	0.16951	3.35E-04	3.35E-04	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	3.9E-09	9.3E-08	4.8E-08	4.4E-08	1.3E-08	2.0E-07
25	UCART1	397518.26	3766771.08	397518.26, 3766771.08	0.15989	3.16E-04	3.16E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	3.6E-09	8.8E-08	4.5E-08	4.1E-08	1.2E-08	1.9E-07
26	UCART1	397558.26	3766771.08	397558.26, 3766771.08	0.1518	3.00E-04	3.00E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	3.5E-09	8.4E-08	4.3E-08	3.9E-08	1.2E-08	1.8E-07
27	UCART1	397598.26	3766771.08	397598.26, 3766771.08	0.14916	2.94E-04	2.94E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	3.4E-09	8.2E-08	4.2E-08	3.8E-08	1.2E-08	1.8E-07
28	UCART1	397638.26	3766771.08	397638.26, 3766771.08	0.13768	2.72E-04	2.72E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.1E-09	7.6E-08	3.9E-08	3.5E-08	1.1E-08	1.6E-07
29	UCART1	397678.26	3766771.08	397678.26, 3766771.08	0.12613	2.49E-04	2.49E-04	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	2.9E-09	7.0E-08	3.6E-08	3.2E-08	9.8E-09	1.5E-07
30	UCART1	397718.26	3766771.08	397718.26, 3766771.08	0.11446	2.26E-04	2.26E-04	7.8E-08	2.4E-07	1.4E-07	1.2E-07	5.7E-08	2.6E-09	6.3E-08	3.2E-08	2.9E-08	8.9E-09	1.4E-07
31	UCART1	396558.26	3768811.08	396558.26, 3768811.08	0.366	7.22E-04	7.22E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	8.4E-09	2.0E-07	1.0E-07	9.4E-08	2.9E-08	4.4E-07
32	UCART1	396598.26	3768811.08	396598.26, 3768811.08	0.44207	8.73E-04	8.73E-04	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.0E-08	2.4E-07	1.3E-07	1.1E-07	3.4E-08	5.3E-07
33	UCART1	396638.26	3768811.08	396638.26, 3768811.08	0.56144	1.11E-03	1.11E-03	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.3E-08	3.1E-07	1.6E-07	1.4E-07	4.4E-08	6.7E-07
34	UCART1	396678.26	3768811.08	396678.26, 3768811.08	0.72373	1.43E-03	1.43E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.7E-08	4.0E-07	2.1E-07	1.9E-07	5.6E-08	8.6E-07
35	UCART1	396718.26	3768811.08	396718.26, 3768811.08	0.8663	1.71E-03	1.71E-03	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.0E-08	4.8E-07	2.5E-07	2.2E-07	6.7E-08	1.0E-06
36	UCART1	396758.26	3768811.08	396758.26, 3768811.08	0.98862	1.95E-03	1.95E-03	6.8E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.3E-08	5.4E-07	2.8E-07	2.5E-07	7.7E-08	1.2E-06
37	UCART1	396798.26	3768811.08	396798.26, 3768811.08	1.1066	2.18E-03	2.18E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	2.5E-08	6.1E-07	3.1E-07	2.8E-07	8.6E-08	1.3E-06
38	UCART1	396838.26	3768811.08	396838.26, 3768811.08	1.21465	2.40E-03	2.40E-03	8.3E-07	2.5E-06	1.5E-06	1.3E-06	6.0E-07	2.8E-08	6.7E-07	3.4E-07	3.1E-07	9.5E-08	1.4E-06
39	UCART1	396878.26	3768811.08	396878.26, 3768811.08	1.24693	2.46E-03	2.46E-03	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.2E-07	2.8E-08	6.9E-07	3.5E-07	3.2E-07	9.7E-08	1.5E-06
40	UCART1	396918.26	3768811.08	396918.26, 3768811.08	1.21803	2.40E-03	2.40E-03	8.3E-07	2.5E-06	1.5E-06	1.3E-06	6.0E-07	2.8E-08	6.7E-07	3.5E-07	3.1E-07	9.5E-08	1.5E-06
41	UCART1	396958.26	3768811.08	396958.26, 3768811.08	1.1105	2.19E-03	2.19E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	2.5E-08	6.1E-07	3.2E-07	2.9E-07	8.7E-08	1.3E-06
42	UCART1	396998.26	3768811.08	396998.26, 3768811.08	0.94657	1.87E-03	1.87E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.2E-08	5.2E-07	2.7E-07	2.4E-07	7.4E-08	1.1E-06
43	UCART1	397038.26	3768811.08	397038.26, 3768811.08	0.74506	1.47E-03	1.47E-03	5.1E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	1.7E-08	4.1E-07	2.1E-07	1.9E-07	5.8E-08	8.9E-07
44	UCART1	397078.26	3768811.08	397078.26, 3768811.08	0.55661	1.10E-03	1.10E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.3E-08	3.1E-07	1.6E-07	1.4E-07	4.3E-08	6.6E-07
45	UCART1	397118.26	3768811.08	397118.26, 3768811.08	0.40679	8.03E-04	8.03E-04	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	9.3E-09	2.2E-07	1.2E-07	1.0E-07	3.2E-08	4.9E-07
46	UCART1	397158.26	3768811.08	397158.26, 3768811.08	0.30374	6.00E-04	6.00E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	6.9E-09	1.7E-07	8.6E-08	7.8E-08	2.4E-08	3.6E-07
47	UCART1	397198.26	3768811.08	397198.26, 3768811.08	0.24463	4.83E-04	4.83E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.6E-09	1.3E-07	6.9E-08	6.3E-08	1.9E-08	2.9E-07
48	UCART1	397238.26	3768811.08	397238.26, 3768811.08	0.22013	4.34E-04	4.34E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.2E-08	5.7E-08	1.7E-08	2.6E-07
49	UCART1	397278.26	3768811.08	397278.26, 3768811.08	0.21232	4.19E-04	4.19E-04	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	1.2E-07	6.0E-08	5.5E-08	1.7E-08	2.5E-07
50	UCART1	397318.26	3768811.08	397318.26, 3768811.08	0.21085	4.16E-04	4.16E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	1.2E-07	6.0E-08	5.4E-08	1.6E-08	2.5E-07
51	UCART1	397358.26	3768811.08	397358.26, 3768811.08	0.21101	4.16E-04	4.16E-04	1.4E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	1.2E-07	6.0E-08	5.4E-08	1.6E-08	2.5E-07
52	UCART1	397398.26	3768811.08	397398.26, 3768811.08	0.207	4.09E-04	4.09E-04	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	4.7E-09	1.1E-07	5.9E-08	5.3E-08	1.6E-08	2.5E-07
53	UCART1	397438.26	3768811.08	397438.26, 3768811.08	0.19878	3.92E-04	3.92E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.8E-08	4.5E-09	1.1E-07	5.6E-08	5.1E-08	1.5E-08	2.4E-07
54	UCART1	397478.26	3768811.08	397478.26, 3768811.08	0.18804	3.71E-04	3.71E-04	1.3E-07	3.9E-07	2.3E-07	2.0E-07	9.3E-08	4.3E-09	1.0E-07	5.3E-08	4.8E-08	1.5E-08	2.3E-07
55	UCART1	397518.26	3768811.08	397518.26, 3768811.08	0.17634	3.48E-04	3.48E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.0E-09	9.7E-08	5.0E-08	4.5E-08	1.4E-08	2.1E-07
56	UCART1	397558.26	3768811.08	397558.26, 3768811.08	0.16395	3.24E-04	3.24E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	3.7E-09	9.0E-08	4.7E-08	4.2E-08	1.3E-08	2.0E-07
57	UCART1	397598.26	3768811.08	397598.26, 3768811.08	0.15468	3.05E-04	3.05E-04	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	3.5E-09	8.5E-08	4.4E-08	4.0E-08	1.2E-08	1.8E-07
58	UCART1	397638.26	3768811.08	397638.26, 3768811.08	0.14922	2.95E-04	2.95E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	3.4E-09	8.2E-08	4.2E-08	3.8E-08	1.2E-08	1.8E-07
59	UCART1	397678.26	3768811.08	397678.26, 3768811.08	0.13729	2.71E-04	2.71E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.1E-09	7.6E-08	3.9E-08	3.5E-08	1.1E-08	1.6E-07
60	UCART1	397718.26	3768811.08	397718.26, 3768811.08	0.12443	2.46E-04	2.46E-04	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	2.8E-09	6.9E-08	3.5E-08	3.2E-08	9.7E-09	1.5E-07
61	UCART1	396558.26	3768851.08	396558.26, 3768851.08	0.35143	6.94E-04	6.94E-04	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	8.0E-09	1.9E-07	1.0E-07	9.0E-08	2.7E-08	4.2E-07
62	UCART1	396598.26	3768851.08	396598.26, 3768851.08	0.42458	8.38E-04	8.38E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	9.7E-09	2.3E-07	1.2E-07	1.1E-07	3.3E-08	5.1E-07
63	UCART1	396638.26	3768851.08	396638.26, 3768851.08	0.52702	1.04E-03	1.04E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.2E-08	2.9E-07	1.5E-07	1.4E-07	4.1E-08	6.3E-07
64	UCART1	396678.26	3768851.08	396678.26, 3768851.08	0.67057	1.32E-03	1.32E-03	4.6E-07	1.4E-06	8.0E-07	7.3E-07	3.3E-07	1.5E-08	3.7E-07	1.9E-07	1.7E-07	5.2E-08	8.0E-07
65	UCART1	396718.26	3768851.08	396718.26, 3768851.08	0.83102	1.64E-03	1.64E-03	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	1.9E-08	4.6E-07	2.4E-07	2.1E-07	6.5E-08	9.9E-07
66	UCART1	396758.26	3768851.08	396758.26, 3768851.08	0.99653	1.97E-03	1.97E-03	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.3E-08	5.5E-07	2.8E-07	2.6E-07	7.8E-08	1.2E-06
67	UCART1	396798.26	3768851.08	396798.26, 3768851.08	1.17722	2.32E-03	2.32E-03	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	2.7E-08	6.5E-07	3.3E-07	3.0E-07	9.2E-08	1.4E-06
68	UCART1	396838.26	3768851.08	396838.26, 3768851.08	1.33376	2.63E-03	2.63E-03	9.1E-07	2.8E-06	1.6E-06	1.4E-06	6.6E-07	3.0E-08	7.4E-07	3.8E-07	3.4E-07	1.0E-07	1.6E-06
69	UCART1	396878.26	3768851.08	396878.26, 3768851.08	1.44824	2.86E-03	2.86E-03	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.3E-08	8.0E-07	4.1E-07	3.7E-07	1.1E-07	1.7E-06
70	UCART1	396918.26	3768851.08	396918.26, 3768851.08	1.46764	2.90E-03	2.90E-03	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.2E-07	3.3E-08	8.1E-07	4.2E-07	3.8E-07	1.1E-07	1.8E-06
71	UCART1	396958.26	3768851.08	396958.26, 3768851.08	1.38467	2.73E-03	2.73E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.8E-07	3.2E-08	7.6E-07	3.9E-07	3.6E-07	1.1E-07	1.7E-06
72	UCART1	396998.26	3768851.08	396998.26, 3768851.08	1.20539	2.38E-03	2.38E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	2.8E-08	6.6E-07	3.4E-07	3.1E-07	9.4E-08	1.4E-06
73	UCART1	397038.26	3768851.08	397038.26, 3768851.08	0.96726	1.91E-03	1.91E-03	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.2E-08	5.3E-07	2.7E-07	2.5E-07	7.6E-08	1.2E-06
74	UCART1	397078.26	3768851.08	397078.26, 3768851.08	0.72329	1.43E-03	1.43E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.7E-08	4.0E-07	2.1E-07	1.9E-07	5.6E-08	8.6E-07
75	UCART1	397118.26	3768851.08	397118.26, 3768851.08	0.52355	1.03E-03	1.03E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.2E-08	2.9E-07	1.5E-07	1.3E-07	4.1E-08	6.2E-07
76	UCART1	397158.26	3768851.08	397158.26, 3768851.08	0.38305	7.56E-04	7.56E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	8.7E-09	2.1E-07	1.1E-07	9.9E-08	3.0E-08	4.6E-07
77	UCART1	397198.26	3768851.08	397198.26, 3768851.08	0.29855	5.89E-04	5.89E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	6.8E-09	1.6E-07	8.5E-08	7.7E-08	2.3E-08	3.6E-07
78	UCART1	397238.26	3768851.08	397238.26, 3768851.08	0.26302	5.19E-04	5.19E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	6.0E-09	1.4E-07	7.5E-08	6.8E-08	2.0E-08	3.1E-07
79	UCART1	397278.26	3768851.08	397278.26, 3768851.08	0.25352	5.00E-04	5.00E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.3E-07	5.8E-09	1.4E-07	7.2E-08	6.5E-08	2.0E-08	3.0E-07
80	UCART1	397318.26	3768851.08	397318.26, 3768851.08	0.24834	4.90E-04	4.90E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	1.4E-07	7.0E-08	6.4E-08	1.9E-08	3.0E-07
81	UCART1	397358.26	3768851.08	397358.26, 3768851.08	0.24065	4.75E-04	4.75E-04	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	1.3E-07	6.8E-08	6.2E-08	1.9E-08	2.9E-07
82	UCART1	397398.26	3768851.08	397398.26, 3768851.08	0.23443	4.63E-04	4.63E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	5.3E-09	1.3E-07	6.7E-08	6.0E-08	1.8E-08	2.8E-07
83	UCART1	397438.26	3768851.08	397438.26, 3768851.08	0.22287	4.40E-04	4.40E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	5.1E-09	1.2E-07	6.3E-08	5.7E-08	1.8E-08	2.7E-07
84	UCART1	397478.26	3768851.08	397478.26, 3768851.08	0.20931	4.13E-04	4.13E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	4.8E-09	1.2E-07	5.9E-08	5.4E-08	1.6E-08	2.5E-07
85	UCART1	397518.26	3768851.08	397518.26, 3768851.08	0.19489	3.85E-04	3.85E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	4.4E-09	1.1E-07	5.5E-08	5.0E-08	1.5E-08	2.3E-07
86	UCART1	397558.26	3768851.08	397558.26, 3768851.08	0.18076	3.57E-04	3.57E-04	1.2E-07	3.7E-07	2.2E-07	2.0E-07	8.9E-08	4.1E-09	1.0E-07	5.1E-08	4.6E-08	1.4E-08	2.2E-07
87	UCART1	397598.26	3768851.08	397598.26, 3768851.08	0.1668	3.29E-04	3.29E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	3.8E-09	9.2E-08	4.7E-08	4.3E-08	1.3E-08	2.0E-07
88	UCART1	397638.26	3768851.08	397638.26, 3768851.08	0.15482	3.06E-04	3.06E-04	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	3.5E-09	8.5E-08	4.4E-08	4.0E-08	1.2E-08	1.8E-07
89	UCART1	397678.26	3768851.08	397678.26, 3768851.08	0.14163	2.80E-04	2.80E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.2E-09	7.8E-08	4.0E-08	3.6E-08	1.1E-08	1.7E-07
90	UCART1	397718.26	3768851.08	397718.26, 3768851.08	0.13397	2.64E-04	2.64E-04	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.6E-08	3.1E-09	7.4E-08	3.8E-08	3.4E-08	1.0E-08	1.6E-07
91	UCART1	396558.26	3768891.08	396558.26, 3768891.08	0.32794	6.47E-04	6.47E-04	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	7.5E-09	1.8E-07	9.3E-08	8.4E-08	2.6E-08	3.9E-07
92	UCART1	396598.26	3768891.08	396598.26, 3768891.08	0.40202	7.93E-04	7.93E-04	2.7E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	9.2E-09	2.2E-07	1.1E-07	1.0E-07	3.1E-08	4.8E-07
93	UCART1	396638.26	3768891.08	396638.26, 3768891.08	0.49669	9.80E-04	9.80E-04	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.5E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.8E-08	5.9E-07
94	UCART1	396678.26	3768891.08	396678.26, 3768891.08	0.63269	1.25E-03	1.25E-03	4.3E-07	1.3E-06	7.6E-07	6.8E-07	3.1E-07	1.4E-08	3.5E-07	1.8E-07	1.6E-07	4.9E-08	7.5E-07
95	UCART1	396718.26	3768891.08	396718.26, 3768891.08	0.79859	1.58E-03	1.58E-03	5.5E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	1.8E-08	4.4E-07	2.3E-07	2.1E-07	6.2E-08	9.5E-07
96

179	UCART1	3976728.26	3766971.08	3976728.26	3766971.08	0.17602	3.47E-04	3.47E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.0E-09	9.7E-08	5.0E-08	4.5E-08	1.4E-08	2.1E-07
180	UCART1	3977118.26	3766971.08	3977118.26	3766971.08	0.16759	3.31E-04	3.31E-04	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	3.8E-09	9.2E-08	4.8E-08	4.3E-08	1.3E-08	2.0E-07
181	UCART1	3969598.26	3767011.08	3969598.26	3767011.08	0.25844	5.10E-04	5.10E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	5.9E-09	1.4E-07	7.3E-08	6.6E-08	2.0E-08	3.1E-07
182	UCART1	3969598.26	3767011.08	3969598.26	3767011.08	0.30758	6.07E-04	6.07E-04	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	7.0E-09	1.7E-07	8.7E-08	7.9E-08	2.4E-08	3.7E-07
183	UCART1	3966328.26	3767011.08	3966328.26	3767011.08	0.3774	7.45E-04	7.45E-04	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	8.6E-09	2.1E-07	1.1E-07	9.7E-08	2.9E-08	4.5E-07
184	UCART1	3966878.26	3767011.08	3966878.26	3767011.08	0.46834	9.24E-04	9.24E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.1E-08	2.6E-07	1.3E-07	1.2E-07	3.6E-08	5.6E-07
185	UCART1	3967818.26	3767011.08	3967818.26	3767011.08	0.58417	1.15E-03	1.15E-03	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.3E-08	3.2E-07	1.7E-07	1.5E-07	4.6E-08	7.0E-07
186	UCART1	3967058.26	3767011.08	3967058.26	3767011.08	0.74913	1.48E-03	1.48E-03	5.1E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	1.7E-08	4.1E-07	2.1E-07	1.9E-07	5.8E-08	8.9E-07
187	UCART1	3967598.26	3767011.08	3967598.26	3767011.08	0.96573	1.91E-03	1.91E-03	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.2E-08	5.3E-07	2.7E-07	2.5E-07	7.5E-08	1.2E-06
188	UCART1	3968338.26	3767011.08	3968338.26	3767011.08	1.26273	2.53E-03	2.53E-03	8.8E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	2.9E-08	7.1E-07	3.6E-07	3.3E-07	1.0E-07	1.5E-06
189	UCART1	3968778.26	3767011.08	3968778.26	3767011.08	1.70253	3.36E-03	3.36E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	3.9E-08	9.4E-07	4.8E-07	4.4E-07	1.3E-07	2.0E-06
190	UCART1	3969118.26	3767011.08	3969118.26	3767011.08	2.21545	4.37E-03	4.37E-03	1.5E-06	4.6E-06	2.6E-06	2.4E-06	1.1E-06	5.1E-08	1.2E-06	6.3E-07	5.7E-07	1.7E-07	2.6E-06
191	UCART1	3969598.26	3767011.08	3969598.26	3767011.08	2.69233	5.31E-03	5.31E-03	1.8E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	6.1E-08	1.5E-06	7.6E-07	6.9E-07	2.1E-07	3.2E-06
192	UCART1	3969998.26	3767011.08	3969998.26	3767011.08	3.01863	5.96E-03	5.96E-03	2.1E-06	6.2E-06	3.6E-06	3.3E-06	1.5E-06	6.9E-08	1.7E-06	8.6E-07	7.8E-07	2.4E-07	3.6E-06
193	UCART1	3970038.26	3767011.08	3970038.26	3767011.08	3.26792	6.45E-03	6.45E-03	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	7.5E-08	1.8E-06	9.3E-07	8.4E-07	2.5E-07	3.9E-06
194	UCART1	3970778.26	3767011.08	3970778.26	3767011.08	3.46401	6.84E-03	6.84E-03	2.4E-06	7.1E-06	4.1E-06	3.8E-06	1.7E-06	7.9E-08	1.9E-06	9.8E-07	8.9E-07	2.7E-07	4.1E-06
195	UCART1	3971118.26	3767011.08	3971118.26	3767011.08	2.7768	5.48E-03	5.48E-03	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	6.3E-08	1.5E-06	7.9E-07	7.1E-07	2.2E-07	3.3E-06
196	UCART1	3971558.26	3767011.08	3971558.26	3767011.08	1.86098	3.67E-03	3.67E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	4.2E-08	1.0E-06	5.3E-07	4.8E-07	1.5E-07	2.2E-06
197	UCART1	3971998.26	3767011.08	3971998.26	3767011.08	1.17064	2.31E-03	2.31E-03	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	2.7E-08	6.5E-07	3.3E-07	3.0E-07	9.1E-08	1.4E-06
198	UCART1	3972338.26	3767011.08	3972338.26	3767011.08	0.8076	1.59E-03	1.59E-03	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	1.8E-08	4.5E-07	2.3E-07	2.1E-07	6.3E-08	9.6E-07
199	UCART1	3972778.26	3767011.08	3972778.26	3767011.08	0.62843	1.24E-03	1.24E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.4E-08	3.5E-07	1.8E-07	1.6E-07	4.9E-08	7.5E-07
200	UCART1	3973118.26	3767011.08	3973118.26	3767011.08	0.544	1.07E-03	1.07E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.2E-08	3.0E-07	1.5E-07	1.4E-07	4.2E-08	6.5E-07
201	UCART1	3973558.26	3767011.08	3973558.26	3767011.08	0.48534	9.58E-04	9.58E-04	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.2E-07	3.8E-08	5.8E-07
202	UCART1	3973998.26	3767011.08	3973998.26	3767011.08	0.42462	8.38E-04	8.38E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	9.7E-09	2.3E-07	1.2E-07	1.1E-07	3.3E-08	5.1E-07
203	UCART1	3974238.26	3767011.08	3974238.26	3767011.08	0.39268	7.75E-04	7.75E-04	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	9.0E-09	2.2E-07	1.1E-07	1.0E-07	3.1E-08	4.7E-07
204	UCART1	3974778.26	3767011.08	3974778.26	3767011.08	0.34429	6.80E-04	6.80E-04	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	7.9E-09	1.9E-07	9.8E-08	8.9E-08	2.7E-08	4.1E-07
205	UCART1	3975118.26	3767011.08	3975118.26	3767011.08	0.30396	6.00E-04	6.00E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	6.9E-09	1.7E-07	8.6E-08	7.8E-08	2.4E-08	3.6E-07
206	UCART1	3975558.26	3767011.08	3975558.26	3767011.08	0.2692	5.31E-04	5.31E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	6.1E-09	1.5E-07	7.6E-08	6.9E-08	2.1E-08	3.2E-07
207	UCART1	3975998.26	3767011.08	3975998.26	3767011.08	0.23954	4.73E-04	4.73E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	5.5E-09	1.3E-07	6.8E-08	6.2E-08	1.9E-08	2.8E-07
208	UCART1	3976638.26	3767011.08	3976638.26	3767011.08	0.21463	4.24E-04	4.24E-04	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	4.9E-09	1.2E-07	6.1E-08	5.5E-08	1.7E-08	2.6E-07
209	UCART1	3976778.26	3767011.08	3976778.26	3767011.08	0.19818	3.91E-04	3.91E-04	1.4E-07	4.1E-07	2.4E-07	2.1E-07	9.8E-08	4.5E-09	1.1E-07	5.6E-08	5.1E-08	1.5E-08	2.4E-07
210	UCART1	3977118.26	3767011.08	3977118.26	3767011.08	0.17649	3.48E-04	3.48E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.0E-09	9.7E-08	5.0E-08	4.5E-08	1.4E-08	2.1E-07
211	UCART1	3965658.26	3767051.08	3965658.26	3767051.08	0.24016	4.74E-04	4.74E-04	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	5.5E-09	1.3E-07	6.8E-08	6.2E-08	1.9E-08	2.9E-07
212	UCART1	3965698.26	3767051.08	3965698.26	3767051.08	0.28348	5.60E-04	5.60E-04	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	6.5E-09	1.6E-07	8.0E-08	7.3E-08	2.2E-08	3.4E-07
213	UCART1	3966338.26	3767051.08	3966338.26	3767051.08	0.33878	6.69E-04	6.69E-04	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	7.7E-09	1.9E-07	9.6E-08	8.7E-08	2.6E-08	4.0E-07
214	UCART1	3966778.26	3767051.08	3966778.26	3767051.08	0.414	8.17E-04	8.17E-04	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	9.4E-09	2.3E-07	1.2E-07	1.1E-07	3.2E-08	4.9E-07
215	UCART1	3967118.26	3767051.08	3967118.26	3767051.08	0.51574	1.02E-03	1.02E-03	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.5E-07	1.2E-08	2.8E-07	1.5E-07	1.3E-07	4.0E-08	6.2E-07
216	UCART1	3967558.26	3767051.08	3967558.26	3767051.08	0.64058	1.27E-03	1.27E-03	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.5E-08	3.6E-07	1.8E-07	1.7E-07	5.0E-08	7.7E-07
217	UCART1	3967998.26	3767051.08	3967998.26	3767051.08	0.82771	1.63E-03	1.63E-03	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	1.9E-08	4.6E-07	2.3E-07	2.1E-07	6.4E-08	9.9E-07
218	UCART1	3968338.26	3767051.08	3968338.26	3767051.08	1.10255	2.18E-03	2.18E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.5E-08	6.1E-07	3.1E-07	2.8E-07	8.6E-08	1.3E-06
219	UCART1	3968778.26	3767051.08	3968778.26	3767051.08	1.52155	3.00E-03	3.00E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	3.5E-08	8.4E-07	4.3E-07	3.9E-07	1.2E-07	1.8E-06
220	UCART1	3969118.26	3767051.08	3969118.26	3767051.08	2.16386	4.27E-03	4.27E-03	1.5E-06	4.5E-06	2.6E-06	2.3E-06	1.1E-06	4.9E-08	1.2E-06	6.1E-07	5.6E-07	1.7E-07	2.6E-06
221	UCART1	3969558.26	3767051.08	3969558.26	3767051.08	2.94009	5.80E-03	5.80E-03	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	6.7E-08	1.6E-06	8.3E-07	7.6E-07	2.3E-07	3.5E-06
222	UCART1	3969998.26	3767051.08	3969998.26	3767051.08	4.1183	8.13E-03	8.13E-03	2.8E-06	8.5E-06	4.9E-06	4.5E-06	2.0E-06	9.4E-08	2.3E-06	1.2E-06	1.1E-06	3.2E-07	4.9E-06
223	UCART1	3970038.26	3767051.08	3970038.26	3767051.08	5.15144	1.02E-02	1.02E-02	3.5E-06	1.1E-05	6.2E-06	5.6E-06	2.5E-06	1.2E-07	2.8E-06	1.5E-06	1.3E-06	4.0E-07	6.1E-06
224	UCART1	3970778.26	3767051.08	3970778.26	3767051.08	4.24246	8.37E-03	8.37E-03	2.9E-06	8.8E-06	5.1E-06	4.6E-06	2.1E-06	9.7E-08	2.3E-06	1.2E-06	1.1E-06	3.3E-07	5.1E-06
225	UCART1	3971118.26	3767051.08	3971118.26	3767051.08	3.42623	6.76E-03	6.76E-03	2.3E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	7.8E-08	1.9E-06	9.7E-07	8.8E-07	2.7E-07	4.1E-06
226	UCART1	3971558.26	3767051.08	3971558.26	3767051.08	2.37533	4.69E-03	4.69E-03	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	5.4E-08	1.3E-06	6.7E-07	6.1E-07	1.9E-07	2.8E-06
227	UCART1	3971998.26	3767051.08	3971998.26	3767051.08	1.53088	3.02E-03	3.02E-03	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	3.5E-08	8.4E-07	4.3E-07	3.9E-07	1.2E-07	1.8E-06
228	UCART1	3972238.26	3767051.08	3972238.26	3767051.08	1.02594	2.02E-03	2.02E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.3E-08	5.7E-07	2.9E-07	2.6E-07	8.0E-08	1.2E-06
229	UCART1	3972778.26	3767051.08	3972778.26	3767051.08	0.63964	1.66E-03	1.66E-03	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.1E-07	1.9E-08	4.6E-07	2.4E-07	2.2E-07	6.5E-08	1.0E-06
230	UCART1	3973118.26	3767051.08	3973118.26	3767051.08	0.7334	1.45E-03	1.45E-03	5.0E-07	1.5E-06	8.8E-07	7.9E-07	3.6E-07	1.7E-08	4.0E-07	2.1E-07	1.9E-07	5.7E-08	8.7E-07
231	UCART1	3973558.26	3767051.08	3973558.26	3767051.08	0.58853	1.16E-03	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.3E-08	3.2E-07	1.7E-07	1.5E-07	4.6E-08	7.0E-07
232	UCART1	3973998.26	3767051.08	3973998.26	3767051.08	0.49372	9.74E-04	9.74E-04	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.8E-08	5.9E-07
233	UCART1	3974238.26	3767051.08	3974238.26	3767051.08	0.43505	8.59E-04	8.59E-04	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.1E-07	9.9E-09	2.4E-07	1.2E-07	1.1E-07	3.4E-08	5.2E-07
234	UCART1	3974778.26	3767051.08	3974778.26	3767051.08	0.39119	7.72E-04	7.72E-04	2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	8.9E-09	2.2E-07	1.1E-07	1.0E-07	3.0E-08	4.7E-07
235	UCART1	3975118.26	3767051.08	3975118.26	3767051.08	0.33831	6.68E-04	6.68E-04	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	7.7E-09	1.9E-07	9.6E-08	8.7E-08	2.6E-08	4.0E-07
236	UCART1	3975558.26	3767051.08	3975558.26	3767051.08	0.29918	5.91E-04	5.91E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	6.8E-09	1.6E-07	8.5E-08	7.7E-08	2.3E-08	3.6E-07
237	UCART1	3975998.26	3767051.08	3975998.26	3767051.08	0.262	5.17E-04	5.17E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	6.0E-09	1.4E-07	7.4E-08	6.7E-08	2.0E-08	3.1E-07
238	UCART1	3976638.26	3767051.08	3976638.26	3767051.08	0.23019	4.54E-04	4.54E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	5.3E-09	1.3E-07	6.5E-08	5.9E-08	1.8E-08	2.7E-07
239	UCART1	3976778.26	3767051.08	3976778.26	3767051.08	0.20675	4.08E-04	4.08E-04	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	4.7E-09	1.1E-07	5.9E-08	5.3E-08	1.6E-08	2.5E-07
240	UCART1	3977118.26	3767051.08	3977118.26	3767051.08	0.18608	3.67E-04	3.67E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	4.2E-09	1.0E-07	5.3E-08	4.8E-08	1.4E-08	2.2E-07
241	UCART1	3965558.26	3767091.08	3965558.26	3767091.08	0.22578	4.46E-04	4.46E-04	1.5E-07	4.7E-07	2.7E-07	2.4E-07	1.1E-07	5.2E-09	1.2E-07	6.4E-08	5.8E-08	1.8E-08	2.7E-07
242	UCART1	3965598.26	3767091.08	3965598.26	3767091.08	0.26615	5.25E-04	5.25E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	6.1E-09	1.5E-07	7.6E-08	6.8E-08	2.1E-08	3.2E-07
243	UCART1	3966238.26	3767091.08	3966238.26	3767091.08	0.31071	6.13E-04	6.13E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	7.1E-09	1.7E-07	8.8E-08	8.0E-08	2.4E-08	3.7E-07
244	UCART1	3966678.26	3767091.08	3966678.26	3767091.08	0.36831	7.27E-04	7.27E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	8.4E-09	2.0E-07	1.0E-07	9.5E-08	2.9E-08	4.4E-07
245	UCART1	3967018.26	3767091.08	3967018.26	3767091.08	0.45079	8.90E-04	8.90E-04	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.0E-08	2.5E-07	1.3E-07	1.2E-07	3.5E-08	5.4E-07
246	UCART1	3967458.26	3767091.08	3967458.26	3767091.08	0.55754	1.10E-03	1.10E-03	3.8E-07	1.2E-06	6.7E-07	6.0E-07	2.8E-07	1.3E-08	3.1E-07	1.6E-07	1.4E-07	4.3E-08	6.7E-07
247	UCART1	3967798.26	3767091.08	3967798.26	3767091.08	0.70401	1.39E-03	1.39E-03	4.8E-07	1.5E-06	8.4E-07	7.6E-07	3.5E-07	1.6E-08	3.9E-07	2.0E-07	1.8E-07	5.5E-08	8.4E-07
248	UCART1	3968338.26	3767091.08	3968338.26	3767091.08	0.91822	1.81E-03	1.81E-03	6.3E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	2.1E-08	5.1E-07	2.6E-07	2.4E-07	7.2E-08	1.1E-06
249	UCART1	3968778.26	3767091.08	3968778.26	3767091.08	1.26162	2.49E-03	2.49E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	2.9E-08	7.0E-07	3.6E-07	3.2E-07	9.8E-08	1.5E-06
250	UCART1	3969118.26	3767091.08	3969118.26	3767091.08	1.84758	3.65E-03	3.65E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	4.2E-08	1.0E-06	5.2E-07	4.8E-07	1.4E-07	2.2E-06
251	UCART1	3969558.26	3767091.08	3969558.26	3767091.08	3.10977	6.14E-03	6.14E-03	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	7.1E-08	1.7E-06	8.8E-07	8.0E-07	2.4E-07	3.7E-06
252	UCART1	3969998.26	3767091.08	3969998.26	3767091.08	6.03237	1.19E-02	1.19E-02	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	1.4E-07	3.3E-06	1.7E-06	1.6E-06	4.7E-07	7.2E-06
253	UCART1	3970078.26	3767091.08	3970078.26	3767091.08	5.42884	1.07E-02	1.07E-02	3.7E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	1.2E-07	3.0E-06	1.5E-06	1.4E-06	4.2E-07	6.5E-06
254	UCART1	3971118.26	3767091.08	3971118.26	3767091.08	4.96391	9.80E-03	9.80E-03	3.4E-06	1.0E-05	5.9E-06	5.4E-06	2.5E-06	1.1E-07	2.7E-06	1.4E-06	1.3E-06	3.9E-07	5.9E-06
255	UCART1	3971558.26	3767091.08	3971558.26	3767091.08	3.78998	7.48E-03	7.48E-03	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	8.6E-08	2.1E-06	1.1E-06	9.7E-07	3.0E-07	4.5E-06
256	UCART1	3971998.26	3767091.08	3971998.26	3767091.08	2.40815	4.75E-03	4.75E-03	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	5.5E-08	1.3E-06	6.8E-07	6.2E-07	1.9E-07	2.9E-06
257	UCART1	3972238.26	3767091.08	3972238.26	3767091.08	1.49946	2.96E-03	2.96E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	3.4E-08	8.3E-07	4.3E-07	3.9E-07	1.2E-07	1.8E-06
258	UCART1	3972778.26	3767091.08	3972778.26	3767091.08	1.13377	2.24E-03	2.24E-03	7.7E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	2.6E-08	6.2E-07	3.2E-07	2.9E-07	8.9E-08	1.4E-06
259	UCART1	3973118.26	3767091.08	3973118.26	3767091.08	1.03178	2.04E-03	2.04E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.4E-08	5.7E-07	2.9E-07	2.7E-07	8.0E-08	1.2E-06
260	UCART1	3973558.26	3767091.08	3973558.26	3767091.08	0.72414	1.43E-03	1.43E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.7E-08	4.0E-07	2.1E-07	1.9E-07	5.6E-08	8.6E-07
261	UCART1	3973998.26	3767091.08	3973998.26	3767091.08	0.58016	1.15E-03	1.15E-03	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.3E-08	3.2E-07	1.6E-07	1.5E-07	4.5E-08	6.9E-07
262	UCART1	3974238.26	3767091.08	3974238.26	3767091.08	0.49132	9.70E-04	9.70E-04	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.1E-08	2.7E-07	1.4E-07	1.3E-07	3.8E-08	5.9E-07
263	UCART1	3974778.26	3767091.08	3974778.26	3767091.08	0.41892	8.27E-04	8.27E-04	2.9E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	9.6E-09	2.3E-07	1.2E-07	1.1E-07	3.3E-08	5.0E-07
264	UCART1	3975118.26	3767091.08	3975118.26	3767091.08	0.36675	7.24E-04	7.24E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	8.4E-09	2.0E-07	1.0E-07	9.4E-08	2.9E-08	4.4E-07
265	UCART1	3975558.26	3767091.08	3975558.26	3767091.08	0.31839	6.28E-04	6.28E-04	2.2E-07	6.6E-07	3.8E-07	3.4E-07	1.6E-07	7.3E-09	1.8E-07	9.0E-08	8.2E-08	2.5E-08	3.8E-07
266	UCART1	3975998.26	3767091.08	3975998.26	3767091.08	0.28142	5.55E-04	5.55E-04	1.9E-07	5.8E-07	3.4E-07	3.0E-07	1.4E-07	6.4E-09	1.6E-07	8.0E-08	7.2E-08	2.2E-08	3.4E-07
267	UCART1	3976638.26	3767091.08	3976638.26	3767091.08	0.25006	4.94E-04	4.94E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	1.4E-07	7.1E-08	6.4E-08	1.9E-08	3.0E-07
268	UCART1	3976778.26	3767091.08	3976778.26	3767091.08	0.21791	4.30E-04	4.30E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.2E-08	5.6E-08	1.7E-08	2.6E-07
269	UCART1	3977118.26	3767091.08	3977118.26	3767091.08	0.19499	3.85E-04	3.85E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	4.4E-09	1.1E-07	5.5E-08	5.0E-08	1.5E-08	2.3E-07
270	UCART1	3969598.26	3767131.08	3969598.26	3767131.08	0.21793	4.30E-04	4.30E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.0E-09	1.2E-07	6.2E-08	5.6E-08	1.7E-08	2.6E-07
271	UCART1	3969598.26	3767131.08	3969598.26	3767131.08	0.25158	4.97E-04	4.97E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	5.7E-09	1.4E-07	7.1E-08	6.5E-08	2.0E-08	3.0E-07
272	UCART1	3966328.26	3767131.08	3966328.26	3767131.08	0.294	5.80E-04	5.80E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	6.7E-09	1.6E-07	8.3E-08	7.6E-08	2.3E-08	3.5E-07
273	UCART1	3966678.26	3767131.08	3966678.26	3767131.08	0.33635	6.64E-04	6.64E-04	2.3E-07	7.0E-07	4.0E

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559	UCART1	397518.26	3767531.08	397518.26, 3767531.08	1.53801	3.04E-03	3.04E-03	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	3.5E-08	8.5E-07	4.4E-07	4.0E-07	1.2E-07	1.8E-06
560	UCART1	397558.26	3767531.08	397558.26, 3767531.08	1.34967	2.66E-03	2.66E-03	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.1E-08	7.4E-07	3.8E-07	3.5E-07	1.1E-07	1.6E-06
561	UCART1	397598.26	3767531.08	397598.26, 3767531.08	1.16088	2.29E-03	2.29E-03	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	2.6E-08	6.4E-07	3.3E-07	3.0E-07	9.0E-08	1.4E-06
562	UCART1	397638.26	3767531.08	397638.26, 3767531.08	0.99835	1.97E-03	1.97E-03	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.3E-08	5.5E-07	2.8E-07	2.6E-07	7.8E-08	1.2E-06
563	UCART1	397678.26	3767531.08	397678.26, 3767531.08	0.85294	1.68E-03	1.68E-03	5.8E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	1.9E-08	4.7E-07	2.4E-07	2.2E-07	6.6E-08	1.0E-06
564	UCART1	397718.26	3767531.08	397718.26, 3767531.08	0.72443	1.43E-03	1.43E-03	4.9E-07	1.5E-06	8.7E-07	7.8E-07	3.6E-07	1.7E-08	4.0E-07	2.1E-07	1.9E-07	5.6E-08	8.6E-07
565	RCPT_1	397320.82	3767219.11	397320.82, 3767219.11	3.93122	7.76E-03	7.76E-03	2.7E-06	8.1E-06	4.7E-06	4.3E-06	1.9E-06	9.0E-08	2.2E-06	1.1E-06	1.0E-06	3.1E-07	4.7E-06
566	RCPT_2	397330.82	3767209.11	397330.82, 3767209.11	3.48995	6.89E-03	6.89E-03	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	8.0E-08	1.9E-06	9.9E-07	9.0E-07	2.7E-07	4.2E-06
567	RCPT_3	397340.82	3767189.11	397340.82, 3767189.11	2.55506	5.04E-03	5.04E-03	1.7E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	5.8E-08	1.4E-06	7.3E-07	6.6E-07	2.0E-07	3.0E-06
568	RCPT_4	397340.82	3767199.11	397340.82, 3767199.11	2.87609	5.68E-03	5.68E-03	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	6.6E-08	1.6E-06	8.2E-07	7.4E-07	2.2E-07	3.4E-06
569	RCPT_5	397340.82	3767209.11	397340.82, 3767209.11	3.22001	6.36E-03	6.36E-03	2.2E-06	6.6E-06	3.8E-06	3.5E-06	1.6E-06	7.3E-08	1.8E-06	9.1E-07	8.3E-07	2.5E-07	3.8E-06
570	RCPT_6	397350.82	3767189.11	397350.82, 3767189.11	2.24219	4.43E-03	4.43E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	5.1E-08	1.2E-06	6.4E-07	5.8E-07	1.7E-07	2.7E-06
571	RCPT_7	397350.82	3767199.11	397350.82, 3767199.11	2.48763	4.91E-03	4.91E-03	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	5.7E-08	1.4E-06	7.1E-07	6.4E-07	1.9E-07	3.0E-06
572	RCPT_8	397360.82	3767189.11	397360.82, 3767189.11	1.74557	3.45E-03	3.45E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.0E-08	9.6E-07	5.0E-07	4.5E-07	1.4E-07	2.1E-06
573	RCPT_9	397360.82	3767199.11	397360.82, 3767199.11	1.92279	3.80E-03	3.80E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	4.4E-08	1.1E-06	5.5E-07	4.9E-07	1.5E-07	2.3E-06
574	RCPT_10	397370.82	3767189.11	397370.82, 3767189.11	1.33031	2.63E-03	2.63E-03	9.1E-07	2.7E-06	1.6E-06	1.4E-06	6.6E-07	3.0E-08	7.3E-07	3.8E-07	3.4E-07	1.0E-07	1.6E-06
575	RCPT_11	397380.82	3767189.11	397380.82, 3767189.11	1.09269	2.16E-03	2.16E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.5E-08	6.0E-07	3.1E-07	2.8E-07	8.5E-08	1.3E-06
576		396934.73	3767169.52	396934.73, 3767169.52	1.31978	2.60E-03	2.60E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.0E-08	7.3E-07	3.7E-07	3.4E-07	1.0E-07	1.6E-06
577		397014.53	3767229.6	397014.53, 3767229.6	1.70843	3.37E-03	3.37E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	3.9E-08	9.4E-07	4.8E-07	4.4E-07	1.3E-07	2.0E-06
578		397044.1	3767223.97	397044.1, 3767223.97	2.70418	5.34E-03	5.34E-03	1.8E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	6.2E-08	1.5E-06	7.7E-07	7.0E-07	2.1E-07	3.2E-06
579		397113.57	3767239.93	397113.57, 3767239.93	8.78454	1.73E-02	1.73E-02	6.0E-06	1.8E-05	1.0E-05	9.5E-06	4.3E-06	2.0E-07	4.8E-06	2.5E-06	2.3E-06	6.8E-07	1.0E-05
580		397158.63	3767280.29	397158.63, 3767280.29	8.99881	1.78E-02	1.78E-02	6.1E-06	1.9E-05	1.1E-05	9.7E-06	4.4E-06	2.1E-07	5.0E-06	2.6E-06	2.3E-06	7.0E-07	1.1E-05
581		397168.95	3767307.05	397168.95, 3767307.05	6.59628	1.30E-02	1.30E-02	4.5E-06	1.4E-05	7.9E-06	7.1E-06	3.3E-06	1.5E-07	3.6E-06	1.9E-06	1.7E-06	5.1E-07	7.9E-06
582		397244.05	3767296.72	397244.05, 3767296.72	7.79967	1.54E-02	1.54E-02	5.3E-06	1.6E-05	9.3E-06	8.4E-06	3.9E-06	1.8E-07	4.3E-06	2.2E-06	2.0E-06	6.1E-07	9.3E-06
583		397260.95	3767278.88	397260.95, 3767278.88	6.84492	1.35E-02	1.35E-02	4.7E-06	1.4E-05	8.2E-06	7.4E-06	3.4E-06	1.6E-07	3.8E-06	1.9E-06	1.8E-06	5.3E-07	8.2E-06
584		397409.74	3767205.66	397409.74, 3767205.66	0.98343	1.94E-03	1.94E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.2E-08	5.4E-07	2.8E-07	2.5E-07	7.7E-08	1.2E-06
585		397422.89	3767189.23	397422.89, 3767189.23	0.79025	1.56E-03	1.56E-03	5.4E-07	1.6E-06	9.4E-07	8.6E-07	3.9E-07	1.8E-08	4.4E-07	2.2E-07	2.0E-07	6.2E-08	9.4E-07
586		397426.64	3767180.78	397426.64, 3767180.78	0.73406	1.45E-03	1.45E-03	5.0E-07	1.5E-06	8.8E-07	7.9E-07	3.6E-07	1.7E-08	4.0E-07	2.1E-07	1.9E-07	5.7E-08	8.8E-07
587		397420.54	3767170.46	397420.54, 3767170.46	0.71731	1.42E-03	1.42E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.5E-07	1.6E-08	4.0E-07	2.0E-07	1.8E-07	5.6E-08	8.6E-07
588		397318.68	3767160.13	397318.68, 3767160.13	1.96003	3.87E-03	3.87E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.7E-07	4.5E-08	1.1E-06	5.6E-07	5.0E-07	1.5E-07	2.3E-06
589		397022.98	3767083.62	397022.98, 3767083.62	5.74259	1.13E-02	1.13E-02	3.9E-06	1.2E-05	6.9E-06	6.2E-06	2.8E-06	1.3E-07	3.2E-06	1.6E-06	1.5E-06	4.5E-07	6.8E-06

Worker Risk (Unmitigated)

Discrete Receptor ID					Construction	Worker Dose	Worker Risk	
		X	Y	X, Y	Total	Construction	Construction	Total Risk
1	UCART1	396456.15	3766686.98	396456.15, 3766686.98	4.65E-04	3.1E-07	4.8E-09	1.2E-07
2	UCART1	396501.15	3766686.98	396501.15, 3766686.98	5.14E-04	3.4E-07	5.3E-09	1.3E-07
3	UCART1	396546.15	3766686.98	396546.15, 3766686.98	5.70E-04	3.8E-07	5.9E-09	1.5E-07
4	UCART1	396591.15	3766686.98	396591.15, 3766686.98	6.33E-04	4.2E-07	6.6E-09	1.6E-07
5	UCART1	396636.15	3766686.98	396636.15, 3766686.98	7.03E-04	4.7E-07	7.3E-09	1.8E-07
6	UCART1	396681.15	3766686.98	396681.15, 3766686.98	7.82E-04	5.2E-07	8.1E-09	2.0E-07
7	UCART1	396726.15	3766686.98	396726.15, 3766686.98	8.72E-04	5.8E-07	9.1E-09	2.3E-07
8	UCART1	396771.15	3766686.98	396771.15, 3766686.98	9.74E-04	6.4E-07	1.0E-08	2.5E-07
9	UCART1	396816.15	3766686.98	396816.15, 3766686.98	1.10E-03	7.3E-07	1.1E-08	2.9E-07
10	UCART1	396861.15	3766686.98	396861.15, 3766686.98	1.26E-03	8.3E-07	1.3E-08	3.3E-07
11	UCART1	396456.15	3766731.98	396456.15, 3766731.98	4.86E-04	3.2E-07	5.1E-09	1.3E-07
12	UCART1	396501.15	3766731.98	396501.15, 3766731.98	5.42E-04	3.6E-07	5.6E-09	1.4E-07
13	UCART1	396546.15	3766731.98	396546.15, 3766731.98	6.08E-04	4.0E-07	6.3E-09	1.6E-07
14	UCART1	396591.15	3766731.98	396591.15, 3766731.98	6.85E-04	4.5E-07	7.1E-09	1.8E-07
15	UCART1	396636.15	3766731.98	396636.15, 3766731.98	7.76E-04	5.1E-07	8.1E-09	2.0E-07
16	UCART1	396681.15	3766731.98	396681.15, 3766731.98	8.82E-04	5.8E-07	9.2E-09	2.3E-07
17	UCART1	396726.15	3766731.98	396726.15, 3766731.98	1.01E-03	6.7E-07	1.0E-08	2.6E-07
18	UCART1	396771.15	3766731.98	396771.15, 3766731.98	1.17E-03	7.7E-07	1.2E-08	3.0E-07
19	UCART1	396816.15	3766731.98	396816.15, 3766731.98	1.39E-03	9.2E-07	1.4E-08	3.6E-07
20	UCART1	396861.15	3766731.98	396861.15, 3766731.98	1.77E-03	1.2E-06	1.8E-08	4.6E-07
21	UCART1	396906.15	3766731.98	396906.15, 3766731.98	2.76E-03	1.8E-06	2.9E-08	7.2E-07
22	UCART1	396951.15	3766731.98	396951.15, 3766731.98	3.32E-03	2.2E-06	3.5E-08	8.6E-07
23	UCART1	396996.15	3766731.98	396996.15, 3766731.98	2.52E-03	1.7E-06	2.6E-08	6.5E-07
24	UCART1	397041.15	3766731.98	397041.15, 3766731.98	1.54E-03	1.0E-06	1.6E-08	4.0E-07
25	UCART1	396456.15	3766776.98	396456.15, 3766776.98	5.08E-04	3.4E-07	5.3E-09	1.3E-07
26	UCART1	396501.15	3766776.98	396501.15, 3766776.98	5.70E-04	3.8E-07	5.9E-09	1.5E-07
27	UCART1	396546.15	3766776.98	396546.15, 3766776.98	6.45E-04	4.3E-07	6.7E-09	1.7E-07
28	UCART1	396591.15	3766776.98	396591.15, 3766776.98	7.36E-04	4.9E-07	7.7E-09	1.9E-07
29	UCART1	396636.15	3766776.98	396636.15, 3766776.98	8.49E-04	5.6E-07	8.8E-09	2.2E-07
30	UCART1	396681.15	3766776.98	396681.15, 3766776.98	9.82E-04	6.5E-07	1.0E-08	2.6E-07
31	UCART1	396726.15	3766776.98	396726.15, 3766776.98	1.16E-03	7.7E-07	1.2E-08	3.0E-07
32	UCART1	396771.15	3766776.98	396771.15, 3766776.98	1.40E-03	9.3E-07	1.5E-08	3.6E-07
33	UCART1	396816.15	3766776.98	396816.15, 3766776.98	1.84E-03	1.2E-06	1.9E-08	4.8E-07
34	UCART1	396861.15	3766776.98	396861.15, 3766776.98	2.86E-03	1.9E-06	3.0E-08	7.4E-07
35	UCART1	396906.15	3766776.98	396906.15, 3766776.98	4.04E-03	2.7E-06	4.2E-08	1.1E-06
36	UCART1	396951.15	3766776.98	396951.15, 3766776.98	4.57E-03	3.0E-06	4.8E-08	1.2E-06
37	UCART1	396996.15	3766776.98	396996.15, 3766776.98	2.46E-03	1.6E-06	2.6E-08	6.4E-07
38	UCART1	397041.15	3766776.98	397041.15, 3766776.98	1.89E-03	1.2E-06	2.0E-08	4.9E-07
39	UCART1	397086.15	3766776.98	397086.15, 3766776.98	1.69E-03	1.1E-06	1.8E-08	4.4E-07
40	UCART1	397131.15	3766776.98	397131.15, 3766776.98	1.59E-03	1.1E-06	1.7E-08	4.1E-07
41	UCART1	396456.15	3766821.98	396456.15, 3766821.98	5.27E-04	3.5E-07	5.5E-09	1.4E-07
42	UCART1	396501.15	3766821.98	396501.15, 3766821.98	5.97E-04	3.9E-07	6.2E-09	1.6E-07
43	UCART1	396546.15	3766821.98	396546.15, 3766821.98	6.81E-04	4.5E-07	7.1E-09	1.8E-07
44	UCART1	396591.15	3766821.98	396591.15, 3766821.98	7.85E-04	5.2E-07	8.2E-09	2.0E-07
45	UCART1	396636.15	3766821.98	396636.15, 3766821.98	9.18E-04	6.1E-07	9.5E-09	2.4E-07
46	UCART1	396681.15	3766821.98	396681.15, 3766821.98	1.09E-03	7.2E-07	1.1E-08	2.8E-07
47	UCART1	396726.15	3766821.98	396726.15, 3766821.98	1.33E-03	8.8E-07	1.4E-08	3.4E-07
48	UCART1	396771.15	3766821.98	396771.15, 3766821.98	1.73E-03	1.1E-06	1.8E-08	4.5E-07
49	UCART1	396816.15	3766821.98	396816.15, 3766821.98	2.71E-03	1.8E-06	2.8E-08	7.1E-07
50	UCART1	396861.15	3766821.98	396861.15, 3766821.98	5.40E-03	3.6E-06	5.6E-08	1.4E-06
51	UCART1	396906.15	3766821.98	396906.15, 3766821.98	5.64E-03	3.7E-06	5.9E-08	1.5E-06
52	UCART1	396951.15	3766821.98	396951.15, 3766821.98	3.23E-03	2.1E-06	3.4E-08	8.4E-07

53	UCART1	396996.15	3766821.98	396996.15, 3766821.98	2.59E-03	1.7E-06	2.7E-08	6.7E-07
54	UCART1	397041.15	3766821.98	397041.15, 3766821.98	2.29E-03	1.5E-06	2.4E-08	6.0E-07
55	UCART1	397086.15	3766821.98	397086.15, 3766821.98	2.14E-03	1.4E-06	2.2E-08	5.6E-07
56	UCART1	397131.15	3766821.98	397131.15, 3766821.98	2.03E-03	1.3E-06	2.1E-08	5.3E-07
57	UCART1	397176.15	3766821.98	397176.15, 3766821.98	1.93E-03	1.3E-06	2.0E-08	5.0E-07
58	UCART1	397221.15	3766821.98	397221.15, 3766821.98	1.82E-03	1.2E-06	1.9E-08	4.7E-07
59	UCART1	396456.15	3766866.98	396456.15, 3766866.98	5.44E-04	3.6E-07	5.7E-09	1.4E-07
60	UCART1	396501.15	3766866.98	396501.15, 3766866.98	6.21E-04	4.1E-07	6.5E-09	1.6E-07
61	UCART1	396546.15	3766866.98	396546.15, 3766866.98	7.14E-04	4.7E-07	7.4E-09	1.9E-07
62	UCART1	396591.15	3766866.98	396591.15, 3766866.98	8.31E-04	5.5E-07	8.6E-09	2.2E-07
63	UCART1	396636.15	3766866.98	396636.15, 3766866.98	9.82E-04	6.5E-07	1.0E-08	2.6E-07
64	UCART1	396681.15	3766866.98	396681.15, 3766866.98	1.19E-03	7.8E-07	1.2E-08	3.1E-07
65	UCART1	396726.15	3766866.98	396726.15, 3766866.98	1.48E-03	9.8E-07	1.5E-08	3.9E-07
66	UCART1	396771.15	3766866.98	396771.15, 3766866.98	2.04E-03	1.4E-06	2.1E-08	5.3E-07
67	UCART1	396816.15	3766866.98	396816.15, 3766866.98	4.48E-03	3.0E-06	4.7E-08	1.2E-06
68	UCART1	396861.15	3766866.98	396861.15, 3766866.98	7.44E-03	4.9E-06	7.7E-08	1.9E-06
69	UCART1	396906.15	3766866.98	396906.15, 3766866.98	4.04E-03	2.7E-06	4.2E-08	1.0E-06
70	UCART1	396951.15	3766866.98	396951.15, 3766866.98	3.32E-03	2.2E-06	3.5E-08	8.6E-07
71	UCART1	396996.15	3766866.98	396996.15, 3766866.98	3.04E-03	2.0E-06	3.2E-08	7.9E-07
72	UCART1	397041.15	3766866.98	397041.15, 3766866.98	2.89E-03	1.9E-06	3.0E-08	7.5E-07
73	UCART1	397086.15	3766866.98	397086.15, 3766866.98	2.78E-03	1.8E-06	2.9E-08	7.2E-07
74	UCART1	397131.15	3766866.98	397131.15, 3766866.98	2.67E-03	1.8E-06	2.8E-08	6.9E-07
75	UCART1	397176.15	3766866.98	397176.15, 3766866.98	2.54E-03	1.7E-06	2.6E-08	6.6E-07
76	UCART1	397221.15	3766866.98	397221.15, 3766866.98	2.39E-03	1.6E-06	2.5E-08	6.2E-07
77	UCART1	397266.15	3766866.98	397266.15, 3766866.98	2.21E-03	1.5E-06	2.3E-08	5.7E-07
78	UCART1	397311.15	3766866.98	397311.15, 3766866.98	2.02E-03	1.3E-06	2.1E-08	5.3E-07
79	UCART1	397356.15	3766866.98	397356.15, 3766866.98	1.83E-03	1.2E-06	1.9E-08	4.8E-07
80	UCART1	396456.15	3766911.98	396456.15, 3766911.98	5.58E-04	3.7E-07	5.8E-09	1.4E-07
81	UCART1	396501.15	3766911.98	396501.15, 3766911.98	6.40E-04	4.2E-07	6.7E-09	1.7E-07
82	UCART1	396546.15	3766911.98	396546.15, 3766911.98	7.42E-04	4.9E-07	7.7E-09	1.9E-07
83	UCART1	396591.15	3766911.98	396591.15, 3766911.98	8.71E-04	5.8E-07	9.1E-09	2.3E-07
84	UCART1	396636.15	3766911.98	396636.15, 3766911.98	1.04E-03	6.9E-07	1.1E-08	2.7E-07
85	UCART1	396681.15	3766911.98	396681.15, 3766911.98	1.27E-03	8.4E-07	1.3E-08	3.3E-07
86	UCART1	396726.15	3766911.98	396726.15, 3766911.98	1.61E-03	1.1E-06	1.7E-08	4.2E-07
87	UCART1	396771.15	3766911.98	396771.15, 3766911.98	2.20E-03	1.5E-06	2.3E-08	5.7E-07
88	UCART1	396816.15	3766911.98	396816.15, 3766911.98	4.00E-03	2.6E-06	4.2E-08	1.0E-06
89	UCART1	396861.15	3766911.98	396861.15, 3766911.98	5.64E-03	3.7E-06	5.9E-08	1.5E-06
90	UCART1	396906.15	3766911.98	396906.15, 3766911.98	5.07E-03	3.4E-06	5.3E-08	1.3E-06
91	UCART1	396951.15	3766911.98	396951.15, 3766911.98	4.12E-03	2.7E-06	4.3E-08	1.1E-06
92	UCART1	396996.15	3766911.98	396996.15, 3766911.98	3.93E-03	2.6E-06	4.1E-08	1.0E-06
93	UCART1	397041.15	3766911.98	397041.15, 3766911.98	3.87E-03	2.6E-06	4.0E-08	1.0E-06
94	UCART1	397086.15	3766911.98	397086.15, 3766911.98	3.79E-03	2.5E-06	3.9E-08	9.9E-07
95	UCART1	397131.15	3766911.98	397131.15, 3766911.98	3.65E-03	2.4E-06	3.8E-08	9.5E-07
96	UCART1	397176.15	3766911.98	397176.15, 3766911.98	3.49E-03	2.3E-06	3.6E-08	9.1E-07
97	UCART1	397221.15	3766911.98	397221.15, 3766911.98	3.24E-03	2.1E-06	3.4E-08	8.4E-07
98	UCART1	397266.15	3766911.98	397266.15, 3766911.98	2.97E-03	2.0E-06	3.1E-08	7.7E-07
99	UCART1	397311.15	3766911.98	397311.15, 3766911.98	2.69E-03	1.8E-06	2.8E-08	7.0E-07
100	UCART1	397356.15	3766911.98	397356.15, 3766911.98	2.39E-03	1.6E-06	2.5E-08	6.2E-07
101	UCART1	396456.15	3766956.98	396456.15, 3766956.98	5.68E-04	3.8E-07	5.9E-09	1.5E-07
102	UCART1	396501.15	3766956.98	396501.15, 3766956.98	6.56E-04	4.3E-07	6.8E-09	1.7E-07
103	UCART1	396546.15	3766956.98	396546.15, 3766956.98	7.65E-04	5.1E-07	8.0E-09	2.0E-07
104	UCART1	396591.15	3766956.98	396591.15, 3766956.98	9.05E-04	6.0E-07	9.4E-09	2.4E-07
105	UCART1	396636.15	3766956.98	396636.15, 3766956.98	1.09E-03	7.2E-07	1.1E-08	2.8E-07
106	UCART1	396681.15	3766956.98	396681.15, 3766956.98	1.34E-03	8.9E-07	1.4E-08	3.5E-07
107	UCART1	396726.15	3766956.98	396726.15, 3766956.98	1.70E-03	1.1E-06	1.8E-08	4.4E-07
108	UCART1	396771.15	3766956.98	396771.15, 3766956.98	2.26E-03	1.5E-06	2.4E-08	5.9E-07
109	UCART1	396816.15	3766956.98	396816.15, 3766956.98	3.31E-03	2.2E-06	3.4E-08	8.6E-07
110	UCART1	396861.15	3766956.98	396861.15, 3766956.98	6.04E-03	4.0E-06	6.3E-08	1.6E-06
111	UCART1	396906.15	3766956.98	396906.15, 3766956.98	6.57E-03	4.3E-06	6.8E-08	1.7E-06
112	UCART1	396951.15	3766956.98	396951.15, 3766956.98	6.23E-03	4.1E-06	6.5E-08	1.6E-06
113	UCART1	396996.15	3766956.98	396996.15, 3766956.98	5.61E-03	3.7E-06	5.8E-08	1.5E-06
114	UCART1	397041.15	3766956.98	397041.15, 3766956.98	5.58E-03	3.7E-06	5.8E-08	1.4E-06
115	UCART1	397086.15	3766956.98	397086.15, 3766956.98	5.53E-03	3.7E-06	5.7E-08	1.4E-06

116	UCART1	397131.15	3766956.98	397131.15, 3766956.98	5.25E-03	3.5E-06	5.5E-08	1.4E-06
117	UCART1	397176.15	3766956.98	397176.15, 3766956.98	4.97E-03	3.3E-06	5.2E-08	1.3E-06
118	UCART1	397221.15	3766956.98	397221.15, 3766956.98	4.59E-03	3.0E-06	4.8E-08	1.2E-06
119	UCART1	397266.15	3766956.98	397266.15, 3766956.98	4.17E-03	2.8E-06	4.3E-08	1.1E-06
120	UCART1	397311.15	3766956.98	397311.15, 3766956.98	3.71E-03	2.5E-06	3.9E-08	9.6E-07
121	UCART1	397356.15	3766956.98	397356.15, 3766956.98	3.08E-03	2.0E-06	3.2E-08	8.0E-07
122	UCART1	397401.15	3766956.98	397401.15, 3766956.98	2.75E-03	1.8E-06	2.9E-08	7.1E-07
123	UCART1	397446.15	3766956.98	397446.15, 3766956.98	2.35E-03	1.6E-06	2.4E-08	6.1E-07
124	UCART1	397491.15	3766956.98	397491.15, 3766956.98	1.99E-03	1.3E-06	2.1E-08	5.2E-07
125	UCART1	397536.15	3766956.98	397536.15, 3766956.98	1.67E-03	1.1E-06	1.7E-08	4.3E-07
126	UCART1	397581.15	3766956.98	397581.15, 3766956.98	1.41E-03	9.3E-07	1.5E-08	3.7E-07
127	UCART1	397626.15	3766956.98	397626.15, 3766956.98	1.20E-03	7.9E-07	1.2E-08	3.1E-07
128	UCART1	397671.15	3766956.98	397671.15, 3766956.98	1.02E-03	6.8E-07	1.1E-08	2.7E-07
129	UCART1	397716.15	3766956.98	397716.15, 3766956.98	8.69E-04	5.8E-07	9.0E-09	2.3E-07
130	UCART1	397761.15	3766956.98	397761.15, 3766956.98	7.27E-04	4.8E-07	7.6E-09	1.9E-07
131	UCART1	397806.15	3766956.98	397806.15, 3766956.98	6.24E-04	4.1E-07	6.5E-09	1.6E-07
132	UCART1	397851.15	3766956.98	397851.15, 3766956.98	5.40E-04	3.6E-07	5.6E-09	1.4E-07
133	UCART1	397896.15	3766956.98	397896.15, 3766956.98	4.76E-04	3.1E-07	4.9E-09	1.2E-07
134	UCART1	397941.15	3766956.98	397941.15, 3766956.98	4.17E-04	2.8E-07	4.3E-09	1.1E-07
135	UCART1	396456.15	3767001.98	396456.15, 3767001.98	5.75E-04	3.8E-07	6.0E-09	1.5E-07
136	UCART1	396501.15	3767001.98	396501.15, 3767001.98	6.66E-04	4.4E-07	6.9E-09	1.7E-07
137	UCART1	396546.15	3767001.98	396546.15, 3767001.98	7.82E-04	5.2E-07	8.1E-09	2.0E-07
138	UCART1	396591.15	3767001.98	396591.15, 3767001.98	9.30E-04	6.2E-07	9.7E-09	2.4E-07
139	UCART1	396636.15	3767001.98	396636.15, 3767001.98	1.13E-03	7.5E-07	1.2E-08	2.9E-07
140	UCART1	396681.15	3767001.98	396681.15, 3767001.98	1.40E-03	9.3E-07	1.5E-08	3.6E-07
141	UCART1	396726.15	3767001.98	396726.15, 3767001.98	1.79E-03	1.2E-06	1.9E-08	4.6E-07
142	UCART1	396771.15	3767001.98	396771.15, 3767001.98	2.36E-03	1.6E-06	2.5E-08	6.1E-07
143	UCART1	396816.15	3767001.98	396816.15, 3767001.98	3.25E-03	2.1E-06	3.4E-08	8.4E-07
144	UCART1	396861.15	3767001.98	396861.15, 3767001.98	4.73E-03	3.1E-06	4.9E-08	1.2E-06
145	UCART1	396906.15	3767001.98	396906.15, 3767001.98	7.83E-03	5.2E-06	8.1E-08	2.0E-06
146	UCART1	396951.15	3767001.98	396951.15, 3767001.98	8.94E-03	5.9E-06	9.3E-08	2.3E-06
147	UCART1	396996.15	3767001.98	396996.15, 3767001.98	9.38E-03	6.2E-06	9.7E-08	2.4E-06
148	UCART1	397041.15	3767001.98	397041.15, 3767001.98	9.09E-03	6.0E-06	9.5E-08	2.4E-06
149	UCART1	397086.15	3767001.98	397086.15, 3767001.98	8.94E-03	5.9E-06	9.3E-08	2.3E-06
150	UCART1	397131.15	3767001.98	397131.15, 3767001.98	8.35E-03	5.5E-06	8.7E-08	2.2E-06
151	UCART1	397176.15	3767001.98	397176.15, 3767001.98	7.74E-03	5.1E-06	8.0E-08	2.0E-06
152	UCART1	397221.15	3767001.98	397221.15, 3767001.98	7.01E-03	4.6E-06	7.3E-08	1.8E-06
153	UCART1	397266.15	3767001.98	397266.15, 3767001.98	6.22E-03	4.1E-06	6.5E-08	1.6E-06
154	UCART1	397311.15	3767001.98	397311.15, 3767001.98	5.37E-03	3.6E-06	5.6E-08	1.4E-06
155	UCART1	397356.15	3767001.98	397356.15, 3767001.98	4.29E-03	2.8E-06	4.5E-08	1.1E-06
156	UCART1	397401.15	3767001.98	397401.15, 3767001.98	3.36E-03	2.2E-06	3.5E-08	8.7E-07
157	UCART1	397446.15	3767001.98	397446.15, 3767001.98	3.11E-03	2.1E-06	3.2E-08	8.1E-07
158	UCART1	397491.15	3767001.98	397491.15, 3767001.98	2.55E-03	1.7E-06	2.6E-08	6.6E-07
159	UCART1	397536.15	3767001.98	397536.15, 3767001.98	2.08E-03	1.4E-06	2.2E-08	5.4E-07
160	UCART1	397581.15	3767001.98	397581.15, 3767001.98	1.71E-03	1.1E-06	1.8E-08	4.5E-07
161	UCART1	397626.15	3767001.98	397626.15, 3767001.98	1.43E-03	9.5E-07	1.5E-08	3.7E-07
162	UCART1	397671.15	3767001.98	397671.15, 3767001.98	1.21E-03	8.0E-07	1.3E-08	3.1E-07
163	UCART1	397716.15	3767001.98	397716.15, 3767001.98	9.88E-04	6.5E-07	1.0E-08	2.6E-07
164	UCART1	397761.15	3767001.98	397761.15, 3767001.98	8.20E-04	5.4E-07	8.5E-09	2.1E-07
165	UCART1	397806.15	3767001.98	397806.15, 3767001.98	6.81E-04	4.5E-07	7.1E-09	1.8E-07
166	UCART1	397851.15	3767001.98	397851.15, 3767001.98	5.76E-04	3.8E-07	6.0E-09	1.5E-07
167	UCART1	397896.15	3767001.98	397896.15, 3767001.98	5.00E-04	3.3E-07	5.2E-09	1.3E-07
168	UCART1	397941.15	3767001.98	397941.15, 3767001.98	4.39E-04	2.9E-07	4.6E-09	1.1E-07
169	UCART1	396456.15	3767046.98	396456.15, 3767046.98	5.78E-04	3.8E-07	6.0E-09	1.5E-07
170	UCART1	396501.15	3767046.98	396501.15, 3767046.98	6.71E-04	4.4E-07	7.0E-09	1.7E-07
171	UCART1	396546.15	3767046.98	396546.15, 3767046.98	7.90E-04	5.2E-07	8.2E-09	2.1E-07
172	UCART1	396591.15	3767046.98	396591.15, 3767046.98	9.46E-04	6.3E-07	9.8E-09	2.5E-07
173	UCART1	396636.15	3767046.98	396636.15, 3767046.98	1.15E-03	7.6E-07	1.2E-08	3.0E-07
174	UCART1	396681.15	3767046.98	396681.15, 3767046.98	1.44E-03	9.6E-07	1.5E-08	3.8E-07
175	UCART1	396726.15	3767046.98	396726.15, 3767046.98	1.86E-03	1.2E-06	1.9E-08	4.8E-07
176	UCART1	396771.15	3767046.98	396771.15, 3767046.98	2.47E-03	1.6E-06	2.6E-08	6.4E-07
177	UCART1	396816.15	3767046.98	396816.15, 3767046.98	3.42E-03	2.3E-06	3.6E-08	8.9E-07
178	UCART1	396861.15	3767046.98	396861.15, 3767046.98	4.92E-03	3.3E-06	5.1E-08	1.3E-06

179	UCART1	396906.15	3767046.98	396906.15, 3767046.98	7.43E-03	4.9E-06	7.7E-08	1.9E-06
180	UCART1	396951.15	3767046.98	396951.15, 3767046.98	1.22E-02	8.1E-06	1.3E-07	3.2E-06
181	UCART1	396996.15	3767046.98	396996.15, 3767046.98	1.65E-02	1.1E-05	1.7E-07	4.3E-06
182	UCART1	397041.15	3767046.98	397041.15, 3767046.98	1.93E-02	1.3E-05	2.0E-07	5.0E-06
183	UCART1	397086.15	3767046.98	397086.15, 3767046.98	1.77E-02	1.2E-05	1.8E-07	4.6E-06
184	UCART1	397131.15	3767046.98	397131.15, 3767046.98	1.56E-02	1.0E-05	1.6E-07	4.1E-06
185	UCART1	397176.15	3767046.98	397176.15, 3767046.98	1.37E-02	9.1E-06	1.4E-07	3.6E-06
186	UCART1	397221.15	3767046.98	397221.15, 3767046.98	1.19E-02	7.9E-06	1.2E-07	3.1E-06
187	UCART1	397266.15	3767046.98	397266.15, 3767046.98	1.02E-02	6.8E-06	1.1E-07	2.7E-06
188	UCART1	397311.15	3767046.98	397311.15, 3767046.98	8.54E-03	5.7E-06	8.9E-08	2.2E-06
189	UCART1	397356.15	3767046.98	397356.15, 3767046.98	6.95E-03	4.6E-06	7.2E-08	1.8E-06
190	UCART1	397401.15	3767046.98	397401.15, 3767046.98	4.88E-03	3.2E-06	5.1E-08	1.3E-06
191	UCART1	397446.15	3767046.98	397446.15, 3767046.98	4.12E-03	2.7E-06	4.3E-08	1.1E-06
192	UCART1	397491.15	3767046.98	397491.15, 3767046.98	3.36E-03	2.2E-06	3.5E-08	8.7E-07
193	UCART1	397536.15	3767046.98	397536.15, 3767046.98	2.64E-03	1.7E-06	2.7E-08	6.9E-07
194	UCART1	397581.15	3767046.98	397581.15, 3767046.98	2.13E-03	1.4E-06	2.2E-08	5.5E-07
195	UCART1	397626.15	3767046.98	397626.15, 3767046.98	1.79E-03	1.2E-06	1.9E-08	4.7E-07
196	UCART1	397671.15	3767046.98	397671.15, 3767046.98	1.55E-03	1.0E-06	1.6E-08	4.0E-07
197	UCART1	397716.15	3767046.98	397716.15, 3767046.98	1.23E-03	8.1E-07	1.3E-08	3.2E-07
198	UCART1	397761.15	3767046.98	397761.15, 3767046.98	9.33E-04	6.2E-07	9.7E-09	2.4E-07
199	UCART1	397806.15	3767046.98	397806.15, 3767046.98	7.42E-04	4.9E-07	7.7E-09	1.9E-07
200	UCART1	397851.15	3767046.98	397851.15, 3767046.98	6.16E-04	4.1E-07	6.4E-09	1.6E-07
201	UCART1	397896.15	3767046.98	397896.15, 3767046.98	5.29E-04	3.5E-07	5.5E-09	1.4E-07
202	UCART1	397941.15	3767046.98	397941.15, 3767046.98	4.60E-04	3.0E-07	4.8E-09	1.2E-07
203	UCART1	396456.15	3767091.98	396456.15, 3767091.98	5.77E-04	3.8E-07	6.0E-09	1.5E-07
204	UCART1	396501.15	3767091.98	396501.15, 3767091.98	6.71E-04	4.4E-07	7.0E-09	1.7E-07
205	UCART1	396546.15	3767091.98	396546.15, 3767091.98	7.92E-04	5.2E-07	8.2E-09	2.1E-07
206	UCART1	396591.15	3767091.98	396591.15, 3767091.98	9.51E-04	6.3E-07	9.9E-09	2.5E-07
207	UCART1	396636.15	3767091.98	396636.15, 3767091.98	1.17E-03	7.7E-07	1.2E-08	3.0E-07
208	UCART1	396681.15	3767091.98	396681.15, 3767091.98	1.46E-03	9.7E-07	1.5E-08	3.8E-07
209	UCART1	396726.15	3767091.98	396726.15, 3767091.98	1.90E-03	1.3E-06	2.0E-08	4.9E-07
210	UCART1	396771.15	3767091.98	396771.15, 3767091.98	2.57E-03	1.7E-06	2.7E-08	6.7E-07
211	UCART1	396816.15	3767091.98	396816.15, 3767091.98	3.64E-03	2.4E-06	3.8E-08	9.5E-07
212	UCART1	396861.15	3767091.98	396861.15, 3767091.98	5.51E-03	3.6E-06	5.7E-08	1.4E-06
213	UCART1	396906.15	3767091.98	396906.15, 3767091.98	9.15E-03	6.1E-06	9.5E-08	2.4E-06
214	UCART1	396951.15	3767091.98	396951.15, 3767091.98	1.73E-02	1.1E-05	1.8E-07	4.5E-06
215	UCART1	397131.15	3767091.98	397131.15, 3767091.98	4.09E-02	2.7E-05	4.2E-07	1.1E-05
216	UCART1	397176.15	3767091.98	397176.15, 3767091.98	3.34E-02	2.2E-05	3.5E-07	8.7E-06
217	UCART1	397221.15	3767091.98	397221.15, 3767091.98	2.55E-02	1.7E-05	2.6E-07	6.6E-06
218	UCART1	397266.15	3767091.98	397266.15, 3767091.98	2.01E-02	1.3E-05	2.1E-07	5.2E-06
219	UCART1	397311.15	3767091.98	397311.15, 3767091.98	1.60E-02	1.1E-05	1.7E-07	4.2E-06
220	UCART1	397356.15	3767091.98	397356.15, 3767091.98	1.24E-02	8.2E-06	1.3E-07	3.2E-06
221	UCART1	397401.15	3767091.98	397401.15, 3767091.98	8.72E-03	5.8E-06	9.1E-08	2.3E-06
222	UCART1	397446.15	3767091.98	397446.15, 3767091.98	6.17E-03	4.1E-06	6.4E-08	1.6E-06
223	UCART1	397491.15	3767091.98	397491.15, 3767091.98	4.29E-03	2.8E-06	4.5E-08	1.1E-06
224	UCART1	397536.15	3767091.98	397536.15, 3767091.98	3.28E-03	2.2E-06	3.4E-08	8.5E-07
225	UCART1	397581.15	3767091.98	397581.15, 3767091.98	2.57E-03	1.7E-06	2.7E-08	6.7E-07
226	UCART1	397626.15	3767091.98	397626.15, 3767091.98	2.49E-03	1.6E-06	2.6E-08	6.5E-07
227	UCART1	397671.15	3767091.98	397671.15, 3767091.98	3.19E-03	2.1E-06	3.3E-08	8.3E-07
228	UCART1	397716.15	3767091.98	397716.15, 3767091.98	1.93E-03	1.3E-06	2.0E-08	5.0E-07
229	UCART1	397761.15	3767091.98	397761.15, 3767091.98	1.10E-03	7.3E-07	1.1E-08	2.8E-07
230	UCART1	397806.15	3767091.98	397806.15, 3767091.98	8.08E-04	5.3E-07	8.4E-09	2.1E-07
231	UCART1	397851.15	3767091.98	397851.15, 3767091.98	6.63E-04	4.4E-07	6.9E-09	1.7E-07
232	UCART1	397896.15	3767091.98	397896.15, 3767091.98	5.64E-04	3.7E-07	5.9E-09	1.5E-07
233	UCART1	397941.15	3767091.98	397941.15, 3767091.98	4.82E-04	3.2E-07	5.0E-09	1.3E-07
234	UCART1	396456.15	3767136.98	396456.15, 3767136.98	5.73E-04	3.8E-07	6.0E-09	1.5E-07
235	UCART1	396501.15	3767136.98	396501.15, 3767136.98	6.66E-04	4.4E-07	6.9E-09	1.7E-07
236	UCART1	396546.15	3767136.98	396546.15, 3767136.98	7.85E-04	5.2E-07	8.2E-09	2.0E-07
237	UCART1	396591.15	3767136.98	396591.15, 3767136.98	9.44E-04	6.2E-07	9.8E-09	2.5E-07
238	UCART1	396636.15	3767136.98	396636.15, 3767136.98	1.16E-03	7.7E-07	1.2E-08	3.0E-07
239	UCART1	396681.15	3767136.98	396681.15, 3767136.98	1.46E-03	9.7E-07	1.5E-08	3.8E-07
240	UCART1	396726.15	3767136.98	396726.15, 3767136.98	1.90E-03	1.3E-06	2.0E-08	4.9E-07
241	UCART1	396771.15	3767136.98	396771.15, 3767136.98	2.59E-03	1.7E-06	2.7E-08	6.7E-07

242	UCART1	396816.15	3767136.98	396816.15, 3767136.98	3.77E-03	2.5E-06	3.9E-08	9.8E-07
243	UCART1	396861.15	3767136.98	396861.15, 3767136.98	6.06E-03	4.0E-06	6.3E-08	1.6E-06
244	UCART1	396906.15	3767136.98	396906.15, 3767136.98	1.18E-02	7.8E-06	1.2E-07	3.1E-06
245	UCART1	397311.15	3767136.98	397311.15, 3767136.98	4.08E-02	2.7E-05	4.2E-07	1.1E-05
246	UCART1	397356.15	3767136.98	397356.15, 3767136.98	3.10E-02	2.1E-05	3.2E-07	8.1E-06
247	UCART1	397401.15	3767136.98	397401.15, 3767136.98	2.06E-02	1.4E-05	2.1E-07	5.4E-06
248	UCART1	397446.15	3767136.98	397446.15, 3767136.98	1.19E-02	7.9E-06	1.2E-07	3.1E-06
249	UCART1	397491.15	3767136.98	397491.15, 3767136.98	6.63E-03	4.4E-06	6.9E-08	1.7E-06
250	UCART1	397536.15	3767136.98	397536.15, 3767136.98	4.85E-03	3.2E-06	5.0E-08	1.3E-06
251	UCART1	397581.15	3767136.98	397581.15, 3767136.98	3.79E-03	2.5E-06	3.9E-08	9.8E-07
252	UCART1	397626.15	3767136.98	397626.15, 3767136.98	4.31E-03	2.9E-06	4.5E-08	1.1E-06
253	UCART1	397671.15	3767136.98	397671.15, 3767136.98	2.80E-03	1.9E-06	2.9E-08	7.3E-07
254	UCART1	397716.15	3767136.98	397716.15, 3767136.98	2.37E-03	1.6E-06	2.5E-08	6.2E-07
255	UCART1	397761.15	3767136.98	397761.15, 3767136.98	1.27E-03	8.4E-07	1.3E-08	3.3E-07
256	UCART1	397806.15	3767136.98	397806.15, 3767136.98	9.07E-04	6.0E-07	9.4E-09	2.4E-07
257	UCART1	397851.15	3767136.98	397851.15, 3767136.98	7.16E-04	4.7E-07	7.4E-09	1.9E-07
258	UCART1	397896.15	3767136.98	397896.15, 3767136.98	6.02E-04	4.0E-07	6.3E-09	1.6E-07
259	UCART1	397941.15	3767136.98	397941.15, 3767136.98	4.81E-04	3.2E-07	5.0E-09	1.3E-07
260	UCART1	396456.15	3767181.98	396456.15, 3767181.98	5.64E-04	3.7E-07	5.9E-09	1.5E-07
261	UCART1	396501.15	3767181.98	396501.15, 3767181.98	6.55E-04	4.3E-07	6.8E-09	1.7E-07
262	UCART1	396546.15	3767181.98	396546.15, 3767181.98	7.71E-04	5.1E-07	8.0E-09	2.0E-07
263	UCART1	396591.15	3767181.98	396591.15, 3767181.98	9.25E-04	6.1E-07	9.6E-09	2.4E-07
264	UCART1	396636.15	3767181.98	396636.15, 3767181.98	1.13E-03	7.5E-07	1.2E-08	2.9E-07
265	UCART1	396681.15	3767181.98	396681.15, 3767181.98	1.43E-03	9.4E-07	1.5E-08	3.7E-07
266	UCART1	396726.15	3767181.98	396726.15, 3767181.98	1.86E-03	1.2E-06	1.9E-08	4.8E-07
267	UCART1	396771.15	3767181.98	396771.15, 3767181.98	2.53E-03	1.7E-06	2.6E-08	6.6E-07
268	UCART1	396816.15	3767181.98	396816.15, 3767181.98	3.69E-03	2.4E-06	3.8E-08	9.6E-07
269	UCART1	396861.15	3767181.98	396861.15, 3767181.98	6.04E-03	4.0E-06	6.3E-08	1.6E-06
270	UCART1	396906.15	3767181.98	396906.15, 3767181.98	1.25E-02	8.3E-06	1.3E-07	3.2E-06
271	UCART1	397446.15	3767181.98	397446.15, 3767181.98	1.95E-02	1.3E-05	2.0E-07	5.1E-06
272	UCART1	397491.15	3767181.98	397491.15, 3767181.98	1.04E-02	6.9E-06	1.1E-07	2.7E-06
273	UCART1	397536.15	3767181.98	397536.15, 3767181.98	6.72E-03	4.4E-06	7.0E-08	1.7E-06
274	UCART1	397581.15	3767181.98	397581.15, 3767181.98	5.39E-03	3.6E-06	5.6E-08	1.4E-06
275	UCART1	397626.15	3767181.98	397626.15, 3767181.98	4.56E-03	3.0E-06	4.7E-08	1.2E-06
276	UCART1	397671.15	3767181.98	397671.15, 3767181.98	3.85E-03	2.5E-06	4.0E-08	1.0E-06
277	UCART1	397716.15	3767181.98	397716.15, 3767181.98	2.06E-03	1.4E-06	2.1E-08	5.4E-07
278	UCART1	397761.15	3767181.98	397761.15, 3767181.98	1.34E-03	8.9E-07	1.4E-08	3.5E-07
279	UCART1	397806.15	3767181.98	397806.15, 3767181.98	9.88E-04	6.5E-07	1.0E-08	2.6E-07
280	UCART1	397851.15	3767181.98	397851.15, 3767181.98	7.82E-04	5.2E-07	8.1E-09	2.0E-07
281	UCART1	397896.15	3767181.98	397896.15, 3767181.98	6.41E-04	4.2E-07	6.7E-09	1.7E-07
282	UCART1	397941.15	3767181.98	397941.15, 3767181.98	5.09E-04	3.4E-07	5.3E-09	1.3E-07
283	UCART1	396456.15	3767226.98	396456.15, 3767226.98	5.52E-04	3.7E-07	5.7E-09	1.4E-07
284	UCART1	396501.15	3767226.98	396501.15, 3767226.98	6.40E-04	4.2E-07	6.6E-09	1.7E-07
285	UCART1	396546.15	3767226.98	396546.15, 3767226.98	7.51E-04	5.0E-07	7.8E-09	2.0E-07
286	UCART1	396591.15	3767226.98	396591.15, 3767226.98	8.98E-04	5.9E-07	9.3E-09	2.3E-07
287	UCART1	396636.15	3767226.98	396636.15, 3767226.98	1.10E-03	7.3E-07	1.1E-08	2.8E-07
288	UCART1	396681.15	3767226.98	396681.15, 3767226.98	1.37E-03	9.1E-07	1.4E-08	3.6E-07
289	UCART1	396726.15	3767226.98	396726.15, 3767226.98	1.78E-03	1.2E-06	1.8E-08	4.6E-07
290	UCART1	396771.15	3767226.98	396771.15, 3767226.98	2.39E-03	1.6E-06	2.5E-08	6.2E-07
291	UCART1	396816.15	3767226.98	396816.15, 3767226.98	3.42E-03	2.3E-06	3.6E-08	8.9E-07
292	UCART1	396861.15	3767226.98	396861.15, 3767226.98	5.36E-03	3.5E-06	5.6E-08	1.4E-06
293	UCART1	396906.15	3767226.98	396906.15, 3767226.98	9.60E-03	6.4E-06	1.0E-07	2.5E-06
294	UCART1	396951.15	3767226.98	396951.15, 3767226.98	2.06E-02	1.4E-05	2.1E-07	5.4E-06
295	UCART1	397446.15	3767226.98	397446.15, 3767226.98	1.51E-02	1.0E-05	1.6E-07	3.9E-06
296	UCART1	397491.15	3767226.98	397491.15, 3767226.98	8.02E-03	5.3E-06	8.3E-08	2.1E-06
297	UCART1	397536.15	3767226.98	397536.15, 3767226.98	5.79E-03	3.8E-06	6.0E-08	1.5E-06
298	UCART1	397581.15	3767226.98	397581.15, 3767226.98	4.50E-03	3.0E-06	4.7E-08	1.2E-06
299	UCART1	397626.15	3767226.98	397626.15, 3767226.98	3.53E-03	2.3E-06	3.7E-08	9.2E-07
300	UCART1	397671.15	3767226.98	397671.15, 3767226.98	2.61E-03	1.7E-06	2.7E-08	6.8E-07
301	UCART1	397716.15	3767226.98	397716.15, 3767226.98	1.84E-03	1.2E-06	1.9E-08	4.8E-07
302	UCART1	397761.15	3767226.98	397761.15, 3767226.98	1.35E-03	8.9E-07	1.4E-08	3.5E-07
303	UCART1	397806.15	3767226.98	397806.15, 3767226.98	1.04E-03	6.9E-07	1.1E-08	2.7E-07
304	UCART1	397851.15	3767226.98	397851.15, 3767226.98	8.25E-04	5.5E-07	8.6E-09	2.1E-07

305	UCART1	397896.15	3767226.98	397896.15, 3767226.98	6.79E-04	4.5E-07	7.1E-09	1.8E-07
306	UCART1	397941.15	3767226.98	397941.15, 3767226.98	5.68E-04	3.8E-07	5.9E-09	1.5E-07
307	UCART1	396456.15	3767271.98	396456.15, 3767271.98	5.14E-04	3.4E-07	5.3E-09	1.3E-07
308	UCART1	396501.15	3767271.98	396501.15, 3767271.98	5.89E-04	3.9E-07	6.1E-09	1.5E-07
309	UCART1	396546.15	3767271.98	396546.15, 3767271.98	6.85E-04	4.5E-07	7.1E-09	1.8E-07
310	UCART1	396591.15	3767271.98	396591.15, 3767271.98	8.34E-04	5.5E-07	8.7E-09	2.2E-07
311	UCART1	396636.15	3767271.98	396636.15, 3767271.98	1.01E-03	6.7E-07	1.1E-08	2.6E-07
312	UCART1	396681.15	3767271.98	396681.15, 3767271.98	1.27E-03	8.4E-07	1.3E-08	3.3E-07
313	UCART2	396726.15	3767271.98		1.65E-03			
314	UCART3	396771.15	3767271.98		2.20E-03			
315	UCART4	396816.15	3767271.98		3.05E-03			
316	UCART5	396861.15	3767271.98		4.50E-03			
317	UCART6	396906.15	3767271.98		6.51E-03			
318	UCART7	396951.15	3767271.98		1.04E-02			
319	UCART8	397311.15	3767271.98		6.52E-02			
320	UCART9	397356.15	3767271.98		3.81E-02			
321	UCART10	397401.15	3767271.98		1.75E-02			
322	UCART11	397446.15	3767271.98		1.05E-02			
323	UCART12	397491.15	3767271.98		6.93E-03			
324	UCART13	397536.15	3767271.98		4.77E-03			
325	UCART14	397581.15	3767271.98		3.42E-03			
326	UCART15	397626.15	3767271.98		2.71E-03			
327	UCART16	397671.15	3767271.98		2.24E-03			
328	UCART17	397716.15	3767271.98		1.72E-03			
329	UCART18	397761.15	3767271.98		1.34E-03			
330	UCART19	397806.15	3767271.98		1.07E-03			
331	UCART20	397851.15	3767271.98		8.61E-04			
332	UCART21	397896.15	3767271.98		7.08E-04			
333	UCART22	397941.15	3767271.98		5.96E-04			
334	UCART23	396456.15	3767316.98		4.62E-04			
335	UCART24	396501.15	3767316.98		5.13E-04			
336	UCART25	396546.15	3767316.98		5.73E-04			
337	UCART26	396591.15	3767316.98		6.73E-04			
338	UCART27	396636.15	3767316.98		8.33E-04			
339	UCART28	396681.15	3767316.98		1.09E-03			
340	UCART29	396726.15	3767316.98		1.41E-03			
341	UCART30	396771.15	3767316.98		1.99E-03			
342	UCART31	396816.15	3767316.98		2.67E-03			
343	UCART32	396861.15	3767316.98		3.73E-03			
344	UCART33	396906.15	3767316.98		4.70E-03			
345	UCART34	396951.15	3767316.98		6.90E-03			
346	UCART35	396996.15	3767316.98		9.97E-03			
347	UCART36	397311.15	3767316.98		2.98E-02			
348	UCART37	397356.15	3767316.98		1.94E-02			
349	UCART38	397401.15	3767316.98		1.18E-02			
350	UCART39	397446.15	3767316.98		8.09E-03			
351	UCART40	397491.15	3767316.98		5.68E-03			
352	UCART41	397536.15	3767316.98		4.00E-03			
353	UCART42	397581.15	3767316.98		2.94E-03			
354	UCART43	397626.15	3767316.98		2.28E-03			
355	UCART44	397671.15	3767316.98		2.00E-03			
356	UCART45	397716.15	3767316.98		1.65E-03			
357	UCART46	397761.15	3767316.98		1.32E-03			
358	UCART47	397806.15	3767316.98		1.05E-03			
359	UCART48	397851.15	3767316.98		8.76E-04			
360	UCART49	397896.15	3767316.98		7.24E-04			
361	UCART50	397941.15	3767316.98		6.18E-04			
362	UCART51	396456.15	3767361.98		4.55E-04			
363	UCART52	396501.15	3767361.98		4.80E-04			
364	UCART53	396546.15	3767361.98		5.34E-04			
365	UCART54	396591.15	3767361.98		6.32E-04			
366	UCART55	396636.15	3767361.98		7.65E-04			
367	UCART56	396681.15	3767361.98		1.00E-03			

368	UCART57	396726.15	3767361.98	1.34E-03
369	UCART58	396771.15	3767361.98	1.78E-03
370	UCART59	396816.15	3767361.98	2.32E-03
371	UCART60	396861.15	3767361.98	3.10E-03
372	UCART61	396906.15	3767361.98	3.87E-03
373	UCART62	396951.15	3767361.98	4.98E-03
374	UCART63	396996.15	3767361.98	6.90E-03
375	UCART64	397041.15	3767361.98	8.77E-03
376	UCART65	397086.15	3767361.98	1.02E-02
377	UCART66	397131.15	3767361.98	1.34E-02
378	UCART67	397176.15	3767361.98	1.72E-02
379	UCART68	397221.15	3767361.98	2.11E-02
380	UCART69	397266.15	3767361.98	2.14E-02
381	UCART70	397311.15	3767361.98	1.67E-02
382	UCART71	397356.15	3767361.98	1.32E-02
383	UCART72	397401.15	3767361.98	9.04E-03
384	UCART73	397446.15	3767361.98	6.97E-03
385	UCART74	397491.15	3767361.98	5.19E-03
386	UCART75	397536.15	3767361.98	3.86E-03
387	UCART76	397581.15	3767361.98	2.91E-03
388	UCART77	397626.15	3767361.98	2.25E-03
389	UCART78	397671.15	3767361.98	1.80E-03
390	UCART79	397716.15	3767361.98	1.56E-03
391	UCART80	397761.15	3767361.98	1.28E-03
392	UCART81	397806.15	3767361.98	1.02E-03
393	UCART82	397851.15	3767361.98	8.68E-04
394	UCART83	397896.15	3767361.98	7.31E-04
395	UCART84	397941.15	3767361.98	6.17E-04
396	UCART85	396456.15	3767406.98	4.29E-04
397	UCART86	396501.15	3767406.98	4.60E-04
398	UCART87	396546.15	3767406.98	5.09E-04
399	UCART88	396591.15	3767406.98	6.03E-04
400	UCART89	396636.15	3767406.98	7.63E-04
401	UCART90	396681.15	3767406.98	9.77E-04
402	UCART91	396726.15	3767406.98	1.25E-03
403	UCART92	396771.15	3767406.98	1.58E-03
404	UCART93	396816.15	3767406.98	2.02E-03
405	UCART94	396861.15	3767406.98	2.61E-03
406	UCART95	396906.15	3767406.98	3.21E-03
407	UCART96	396951.15	3767406.98	3.97E-03
408	UCART97	396996.15	3767406.98	4.92E-03
409	UCART98	397041.15	3767406.98	5.87E-03
410	UCART99	397086.15	3767406.98	6.96E-03
411	UCART10	397131.15	3767406.98	8.64E-03
412	UCART10	397176.15	3767406.98	1.08E-02
413	UCART10	397221.15	3767406.98	1.26E-02
414	UCART10	397266.15	3767406.98	1.31E-02
415	UCART10	397311.15	3767406.98	1.19E-02
416	UCART10	397356.15	3767406.98	9.93E-03
417	UCART10	397401.15	3767406.98	7.52E-03
418	UCART10	397446.15	3767406.98	5.92E-03
419	UCART10	397491.15	3767406.98	4.59E-03
420	UCART10	397536.15	3767406.98	3.57E-03
421	UCART11	397581.15	3767406.98	2.80E-03
422	UCART11	397626.15	3767406.98	2.21E-03
423	UCART11	397671.15	3767406.98	1.76E-03
424	UCART11	397716.15	3767406.98	1.43E-03
425	UCART11	397761.15	3767406.98	1.27E-03
426	UCART11	396456.15	3767451.98	4.00E-04
427	UCART11	396501.15	3767451.98	4.31E-04
428	UCART11	396546.15	3767451.98	4.87E-04
429	UCART11	396591.15	3767451.98	5.69E-04
430	UCART11	396636.15	3767451.98	7.08E-04

431	UCART12	396681.15	3767451.98	8.87E-04
432	UCART12	396726.15	3767451.98	1.10E-03
433	UCART12	396771.15	3767451.98	1.41E-03
434	UCART12	396816.15	3767451.98	1.76E-03
435	UCART12	396861.15	3767451.98	2.19E-03
436	UCART12	396906.15	3767451.98	2.67E-03
437	UCART12	396951.15	3767451.98	3.21E-03
438	UCART12	396996.15	3767451.98	3.84E-03
439	UCART12	397041.15	3767451.98	4.52E-03
440	UCART12	397086.15	3767451.98	5.33E-03
441	UCART13	397131.15	3767451.98	6.30E-03
442	UCART13	397176.15	3767451.98	7.44E-03
443	UCART13	397221.15	3767451.98	8.57E-03
444	UCART13	397266.15	3767451.98	8.96E-03
445	UCART13	397311.15	3767451.98	8.62E-03
446	UCART13	397356.15	3767451.98	7.59E-03
447	UCART13	397401.15	3767451.98	6.16E-03
448	UCART13	397446.15	3767451.98	5.02E-03
449	UCART13	397491.15	3767451.98	4.06E-03
450	UCART13	397536.15	3767451.98	3.27E-03
451	UCART14	397581.15	3767451.98	2.64E-03
452	UCART14	397626.15	3767451.98	2.13E-03
453	UCART14	397671.15	3767451.98	1.73E-03
454	UCART14	397716.15	3767451.98	1.42E-03
455	UCART14	397761.15	3767451.98	1.19E-03
456	UCART14	396456.15	3767496.98	3.74E-04
457	UCART14	396501.15	3767496.98	4.09E-04
458	UCART14	396546.15	3767496.98	4.64E-04
459	UCART14	396591.15	3767496.98	5.47E-04
460	UCART14	396636.15	3767496.98	6.45E-04
461	UCART15	396681.15	3767496.98	7.52E-04
462	UCART15	396726.15	3767496.98	9.20E-04
463	UCART15	396771.15	3767496.98	1.24E-03
464	UCART15	396816.15	3767496.98	1.55E-03
465	UCART15	396861.15	3767496.98	1.89E-03
466	UCART15	396906.15	3767496.98	2.26E-03
467	UCART15	396951.15	3767496.98	2.65E-03
468	UCART15	396996.15	3767496.98	3.14E-03
469	UCART15	397041.15	3767496.98	3.61E-03
470	UCART15	397086.15	3767496.98	4.15E-03
471	UCART16	397131.15	3767496.98	4.82E-03
472	UCART16	397176.15	3767496.98	5.56E-03
473	UCART16	397221.15	3767496.98	6.21E-03
474	UCART16	397266.15	3767496.98	6.55E-03
475	UCART16	397311.15	3767496.98	6.43E-03
476	UCART16	397356.15	3767496.98	5.99E-03
477	UCART16	397401.15	3767496.98	5.15E-03
478	UCART16	397446.15	3767496.98	4.32E-03
479	UCART16	397491.15	3767496.98	3.55E-03
480	UCART16	397536.15	3767496.98	2.94E-03
481	UCART17	397581.15	3767496.98	2.45E-03
482	UCART17	397626.15	3767496.98	2.02E-03
483	UCART17	397671.15	3767496.98	1.68E-03
484	UCART17	397716.15	3767496.98	1.40E-03
485	UCART17	397761.15	3767496.98	1.19E-03
486	UCART17	396456.15	3767541.98	3.66E-04
487	UCART17	396501.15	3767541.98	3.97E-04
488	UCART17	396546.15	3767541.98	4.41E-04
489	UCART17	396591.15	3767541.98	5.03E-04
490	UCART17	396636.15	3767541.98	5.62E-04
491	UCART18	396681.15	3767541.98	6.45E-04
492	UCART18	396726.15	3767541.98	8.09E-04
493	UCART18	396771.15	3767541.98	1.14E-03

494	UCART18	396816.15	3767541.98	1.36E-03
495	UCART18	396861.15	3767541.98	1.59E-03
496	UCART18	396906.15	3767541.98	1.93E-03
497	UCART18	396951.15	3767541.98	2.25E-03
498	UCART18	396996.15	3767541.98	2.63E-03
499	UCART18	397041.15	3767541.98	2.94E-03
500	UCART18	397086.15	3767541.98	3.39E-03
501	UCART19	397131.15	3767541.98	3.81E-03
502	UCART19	397176.15	3767541.98	4.26E-03
503	UCART19	397221.15	3767541.98	4.71E-03
504	UCART19	397266.15	3767541.98	4.97E-03
505	UCART19	397311.15	3767541.98	4.99E-03
506	UCART19	397356.15	3767541.98	4.75E-03
507	UCART19	397401.15	3767541.98	4.31E-03
508	UCART19	397446.15	3767541.98	3.59E-03
509	UCART19	397491.15	3767541.98	3.08E-03
510	UCART19	397536.15	3767541.98	2.62E-03
511	UCART20	397581.15	3767541.98	2.24E-03
512	UCART20	397626.15	3767541.98	1.89E-03
513	UCART20	397671.15	3767541.98	1.59E-03
514	UCART20	397716.15	3767541.98	1.34E-03
515	UCART20	397761.15	3767541.98	1.16E-03
516	UCART20	396456.15	3767586.98	3.48E-04
517	UCART20	396501.15	3767586.98	3.77E-04
518	UCART20	396546.15	3767586.98	4.13E-04
519	UCART20	396591.15	3767586.98	4.62E-04
520	UCART20	396636.15	3767586.98	5.24E-04
521	UCART21	396681.15	3767586.98	6.10E-04
522	UCART21	396726.15	3767586.98	8.30E-04
523	UCART21	396771.15	3767586.98	1.02E-03
524	UCART21	396816.15	3767586.98	1.17E-03
525	UCART21	396861.15	3767586.98	1.35E-03
526	UCART21	396906.15	3767586.98	1.61E-03
527	UCART21	396951.15	3767586.98	1.82E-03
528	UCART21	396996.15	3767586.98	2.17E-03
529	UCART21	397041.15	3767586.98	2.47E-03
530	UCART21	397086.15	3767586.98	2.79E-03
531	UCART22	397131.15	3767586.98	3.09E-03
532	UCART22	397176.15	3767586.98	3.40E-03
533	UCART22	397221.15	3767586.98	3.65E-03
534	UCART22	397266.15	3767586.98	3.87E-03
535	UCART22	397311.15	3767586.98	3.89E-03
536	UCART22	397356.15	3767586.98	3.80E-03
537	UCART22	397401.15	3767586.98	3.53E-03
538	UCART22	397446.15	3767586.98	3.03E-03
539	UCART22	397491.15	3767586.98	2.68E-03
540	UCART22	397536.15	3767586.98	2.34E-03
541	UCART23	397581.15	3767586.98	2.03E-03
542	UCART23	397626.15	3767586.98	1.75E-03
543	UCART23	397671.15	3767586.98	1.49E-03
544	UCART23	397716.15	3767586.98	1.28E-03
545	UCART23	397761.15	3767586.98	1.11E-03
546	UCART23	396456.15	3767631.98	3.18E-04
547	UCART23	396501.15	3767631.98	3.50E-04
548	UCART23	396546.15	3767631.98	3.89E-04
549	UCART23	396591.15	3767631.98	4.38E-04
550	UCART23	396636.15	3767631.98	5.02E-04
551	UCART24	396681.15	3767631.98	6.28E-04
552	UCART24	396726.15	3767631.98	7.92E-04
553	UCART24	396771.15	3767631.98	9.03E-04
554	UCART24	396816.15	3767631.98	9.78E-04
555	UCART24	396861.15	3767631.98	1.15E-03
556	UCART24	396906.15	3767631.98	1.34E-03

557	UCART24	396951.15	3767631.98	1.50E-03
558	UCART24	396996.15	3767631.98	1.75E-03
559	UCART24	397041.15	3767631.98	2.03E-03
560	UCART24	397086.15	3767631.98	2.29E-03
561	UCART25	397131.15	3767631.98	2.54E-03
562	UCART25	397176.15	3767631.98	2.72E-03
563	UCART25	397221.15	3767631.98	2.89E-03
564	UCART25	397266.15	3767631.98	3.06E-03
565	UCART25	397311.15	3767631.98	3.12E-03
566	UCART25	397356.15	3767631.98	3.08E-03
567	UCART25	397401.15	3767631.98	2.92E-03
568	UCART25	397446.15	3767631.98	2.60E-03
569	UCART25	397491.15	3767631.98	2.33E-03
570	UCART25	397536.15	3767631.98	2.07E-03
571	UCART26	397581.15	3767631.98	1.82E-03
572	UCART26	397626.15	3767631.98	1.60E-03
573	UCART26	397671.15	3767631.98	1.39E-03
574	UCART26	397716.15	3767631.98	1.21E-03
575	UCART26	397761.15	3767631.98	1.06E-03
576	UCART26	396456.15	3767676.98	3.01E-04
577	UCART26	396501.15	3767676.98	3.32E-04
578	UCART26	396546.15	3767676.98	3.71E-04
579	UCART26	396591.15	3767676.98	4.15E-04
580	UCART26	396636.15	3767676.98	4.94E-04
581	UCART27	396681.15	3767676.98	6.25E-04
582	UCART27	396726.15	3767676.98	7.17E-04
583	UCART27	396771.15	3767676.98	7.88E-04
584	UCART27	396816.15	3767676.98	8.45E-04
585	UCART27	396861.15	3767676.98	9.52E-04
586	UCART27	396906.15	3767676.98	1.04E-03
587	UCART27	396951.15	3767676.98	1.21E-03
588	UCART27	396996.15	3767676.98	1.42E-03
589	UCART27	397041.15	3767676.98	1.65E-03
590	UCART27	397086.15	3767676.98	1.89E-03
591	UCART28	397131.15	3767676.98	2.12E-03
592	UCART28	397176.15	3767676.98	2.26E-03
593	UCART28	397221.15	3767676.98	2.37E-03
594	UCART28	397266.15	3767676.98	2.45E-03
595	UCART28	397311.15	3767676.98	2.54E-03
596	UCART28	397356.15	3767676.98	2.54E-03
597	UCART28	397401.15	3767676.98	2.46E-03
598	UCART28	397446.15	3767676.98	2.24E-03
599	UCART28	397491.15	3767676.98	2.01E-03
600	UCART28	397536.15	3767676.98	1.83E-03
601	UCART29	397581.15	3767676.98	1.64E-03
602	UCART29	397626.15	3767676.98	1.46E-03
603	UCART29	397671.15	3767676.98	1.29E-03
604	UCART29	397716.15	3767676.98	1.14E-03
605	UCART29	397761.15	3767676.98	1.01E-03

Worker Risk (Unmitigated)

Operations

250
1.97E-03

Discrete Receptor ID				Concentration [µg/m^3] at 1 g/s	Operations				
	X	Y	X, Y	Generators	Generators	Total	Operations	Operations	Total Risk
1 UCART1	396558.26	3766771.08	396558.26, 3766771.08	0.37381	7.38E-04	7.38E-04	4.8E-07	2.3E-07	2.3E-07
2 UCART1	396598.26	3766771.08	396598.26, 3766771.08	0.45613	9.00E-04	9.00E-04	5.9E-07	2.8E-07	2.8E-07
3 UCART1	396638.26	3766771.08	396638.26, 3766771.08	0.57471	1.13E-03	1.13E-03	7.5E-07	3.5E-07	3.5E-07
4 UCART1	396678.26	3766771.08	396678.26, 3766771.08	0.70039	1.38E-03	1.38E-03	9.1E-07	4.3E-07	4.3E-07
5 UCART1	396718.26	3766771.08	396718.26, 3766771.08	0.84771	1.67E-03	1.67E-03	1.1E-06	5.2E-07	5.2E-07
6 UCART1	396758.26	3766771.08	396758.26, 3766771.08	0.97286	1.92E-03	1.92E-03	1.3E-06	5.9E-07	5.9E-07
7 UCART1	396798.26	3766771.08	396798.26, 3766771.08	1.01496	2.00E-03	2.00E-03	1.3E-06	6.2E-07	6.2E-07
8 UCART1	396838.26	3766771.08	396838.26, 3766771.08	1.06081	2.09E-03	2.09E-03	1.4E-06	6.5E-07	6.5E-07
9 UCART1	396878.26	3766771.08	396878.26, 3766771.08	1.05727	2.09E-03	2.09E-03	1.4E-06	6.5E-07	6.5E-07
10 UCART1	396918.26	3766771.08	396918.26, 3766771.08	0.99795	1.97E-03	1.97E-03	1.3E-06	6.1E-07	6.1E-07
11 UCART1	396958.26	3766771.08	396958.26, 3766771.08	0.88966	1.76E-03	1.76E-03	1.2E-06	5.4E-07	5.4E-07
12 UCART1	396998.26	3766771.08	396998.26, 3766771.08	0.73838	1.46E-03	1.46E-03	9.6E-07	4.5E-07	4.5E-07
13 UCART1	397038.26	3766771.08	397038.26, 3766771.08	0.57771	1.14E-03	1.14E-03	7.5E-07	3.5E-07	3.5E-07
14 UCART1	397078.26	3766771.08	397078.26, 3766771.08	0.43484	8.58E-04	8.58E-04	5.6E-07	2.7E-07	2.7E-07
15 UCART1	397118.26	3766771.08	397118.26, 3766771.08	0.32516	6.42E-04	6.42E-04	4.2E-07	2.0E-07	2.0E-07
16 UCART1	397158.26	3766771.08	397158.26, 3766771.08	0.24764	4.89E-04	4.89E-04	3.2E-07	1.5E-07	1.5E-07
17 UCART1	397198.26	3766771.08	397198.26, 3766771.08	0.20363	4.02E-04	4.02E-04	2.6E-07	1.2E-07	1.2E-07
18 UCART1	397238.26	3766771.08	397238.26, 3766771.08	0.18505	3.65E-04	3.65E-04	2.4E-07	1.1E-07	1.1E-07
19 UCART1	397278.26	3766771.08	397278.26, 3766771.08	0.18079	3.57E-04	3.57E-04	2.3E-07	1.1E-07	1.1E-07
20 UCART1	397318.26	3766771.08	397318.26, 3766771.08	0.1835	3.62E-04	3.62E-04	2.4E-07	1.1E-07	1.1E-07
21 UCART1	397358.26	3766771.08	397358.26, 3766771.08	0.18464	3.64E-04	3.64E-04	2.4E-07	1.1E-07	1.1E-07
22 UCART1	397398.26	3766771.08	397398.26, 3766771.08	0.18314	3.61E-04	3.61E-04	2.4E-07	1.1E-07	1.1E-07
23 UCART1	397438.26	3766771.08	397438.26, 3766771.08	0.17768	3.51E-04	3.51E-04	2.3E-07	1.1E-07	1.1E-07
24 UCART1	397478.26	3766771.08	397478.26, 3766771.08	0.16951	3.35E-04	3.35E-04	2.2E-07	1.0E-07	1.0E-07
25 UCART1	397518.26	3766771.08	397518.26, 3766771.08	0.15989	3.16E-04	3.16E-04	2.1E-07	9.8E-08	9.8E-08
26 UCART1	397558.26	3766771.08	397558.26, 3766771.08	0.1518	3.00E-04	3.00E-04	2.0E-07	9.3E-08	9.3E-08
27 UCART1	397598.26	3766771.08	397598.26, 3766771.08	0.14916	2.94E-04	2.94E-04	1.9E-07	9.1E-08	9.1E-08
28 UCART1	397638.26	3766771.08	397638.26, 3766771.08	0.13768	2.72E-04	2.72E-04	1.8E-07	8.4E-08	8.4E-08
29 UCART1	397678.26	3766771.08	397678.26, 3766771.08	0.12613	2.49E-04	2.49E-04	1.6E-07	7.7E-08	7.7E-08
30 UCART1	397718.26	3766771.08	397718.26, 3766771.08	0.11446	2.26E-04	2.26E-04	1.5E-07	7.0E-08	7.0E-08
31 UCART1	396558.26	3766811.08	396558.26, 3766811.08	0.366	7.22E-04	7.22E-04	4.7E-07	2.2E-07	2.2E-07
32 UCART1	396598.26	3766811.08	396598.26, 3766811.08	0.44207	8.73E-04	8.73E-04	5.7E-07	2.7E-07	2.7E-07
33 UCART1	396638.26	3766811.08	396638.26, 3766811.08	0.56144	1.11E-03	1.11E-03	7.3E-07	3.4E-07	3.4E-07
34 UCART1	396678.26	3766811.08	396678.26, 3766811.08	0.72373	1.43E-03	1.43E-03	9.4E-07	4.4E-07	4.4E-07
35 UCART1	396718.26	3766811.08	396718.26, 3766811.08	0.8663	1.71E-03	1.71E-03	1.1E-06	5.3E-07	5.3E-07
36 UCART1	396758.26	3766811.08	396758.26, 3766811.08	0.98862	1.95E-03	1.95E-03	1.3E-06	6.0E-07	6.0E-07
37 UCART1	396798.26	3766811.08	396798.26, 3766811.08	1.1066	2.18E-03	2.18E-03	1.4E-06	6.8E-07	6.8E-07
38 UCART1	396838.26	3766811.08	396838.26, 3766811.08	1.21465	2.40E-03	2.40E-03	1.6E-06	7.4E-07	7.4E-07
39 UCART1	396878.26	3766811.08	396878.26, 3766811.08	1.24693	2.46E-03	2.46E-03	1.6E-06	7.6E-07	7.6E-07
40 UCART1	396918.26	3766811.08	396918.26, 3766811.08	1.21803	2.40E-03	2.40E-03	1.6E-06	7.4E-07	7.4E-07
41 UCART1	396958.26	3766811.08	396958.26, 3766811.08	1.1105	2.19E-03	2.19E-03	1.4E-06	6.8E-07	6.8E-07
42 UCART1	396998.26	3766811.08	396998.26, 3766811.08	0.94657	1.87E-03	1.87E-03	1.2E-06	5.8E-07	5.8E-07
43 UCART1	397038.26	3766811.08	397038.26, 3766811.08	0.74506	1.47E-03	1.47E-03	9.7E-07	4.6E-07	4.6E-07
44 UCART1	397078.26	3766811.08	397078.26, 3766811.08	0.55661	1.10E-03	1.10E-03	7.2E-07	3.4E-07	3.4E-07
45 UCART1	397118.26	3766811.08	397118.26, 3766811.08	0.40679	8.03E-04	8.03E-04	5.3E-07	2.5E-07	2.5E-07
46 UCART1	397158.26	3766811.08	397158.26, 3766811.08	0.30374	6.00E-04	6.00E-04	3.9E-07	1.9E-07	1.9E-07
47 UCART1	397198.26	3766811.08	397198.26, 3766811.08	0.24463	4.83E-04	4.83E-04	3.2E-07	1.5E-07	1.5E-07
48 UCART1	397238.26	3766811.08	397238.26, 3766811.08	0.22013	4.34E-04	4.34E-04	2.9E-07	1.3E-07	1.3E-07
49 UCART1	397278.26	3766811.08	397278.26, 3766811.08	0.21232	4.19E-04	4.19E-04	2.8E-07	1.3E-07	1.3E-07
50 UCART1	397318.26	3766811.08	397318.26, 3766811.08	0.21085	4.16E-04	4.16E-04	2.7E-07	1.3E-07	1.3E-07
51 UCART1	397358.26	3766811.08	397358.26, 3766811.08	0.21101	4.16E-04	4.16E-04	2.7E-07	1.3E-07	1.3E-07
52 UCART1	397398.26	3766811.08	397398.26, 3766811.08	0.207	4.09E-04	4.09E-04	2.7E-07	1.3E-07	1.3E-07
53 UCART1	397438.26	3766811.08	397438.26, 3766811.08	0.19878	3.92E-04	3.92E-04	2.6E-07	1.2E-07	1.2E-07
54 UCART1	397478.26	3766811.08	397478.26, 3766811.08	0.18804	3.71E-04	3.71E-04	2.4E-07	1.1E-07	1.1E-07
55 UCART1	397518.26	3766811.08	397518.26, 3766811.08	0.17634	3.48E-04	3.48E-04	2.3E-07	1.1E-07	1.1E-07
56 UCART1	397558.26	3766811.08	397558.26, 3766811.08	0.16395	3.24E-04	3.24E-04	2.1E-07	1.0E-07	1.0E-07
57 UCART1	397598.26	3766811.08	397598.26, 3766811.08	0.15468	3.05E-04	3.05E-04	2.0E-07	9.5E-08	9.5E-08
58 UCART1	397638.26	3766811.08	397638.26, 3766811.08	0.14922	2.95E-04	2.95E-04	1.9E-07	9.1E-08	9.1E-08
59 UCART1	397678.26	3766811.08	397678.26, 3766811.08	0.13729	2.71E-04	2.71E-04	1.8E-07	8.4E-08	8.4E-08
60 UCART1	397718.26	3766811.08	397718.26, 3766811.08	0.12443	2.46E-04	2.46E-04	1.6E-07	7.6E-08	7.6E-08
61 UCART1	396558.26	3766851.08	396558.26, 3766851.08	0.35143	6.94E-04	6.94E-04	4.6E-07	2.1E-07	2.1E-07
62 UCART1	396598.26	3766851.08	396598.26, 3766851.08	0.42458	8.38E-04	8.38E-04	5.5E-07	2.6E-07	2.6E-07
63 UCART1	396638.26	3766851.08	396638.26, 3766851.08	0.52702	1.04E-03	1.04E-03	6.8E-07	3.2E-07	3.2E-07
64 UCART1	396678.26	3766851.08	396678.26, 3766851.08	0.67057	1.32E-03	1.32E-03	8.7E-07	4.1E-07	4.1E-07
65 UCART1	396718.26	3766851.08	396718.26, 3766851.08	0.83102	1.64E-03	1.64E-03	1.1E-06	5.1E-07	5.1E-07
66 UCART1	396758.26	3766851.08	396758.26, 3766851.08	0.99653	1.97E-03	1.97E-03	1.3E-06	6.1E-07	6.1E-07

67	UCART1	396798.26	3766851.08	396798.26, 3766851.08	1.17722	2.32E-03	2.32E-03	1.5E-06	7.2E-07	7.2E-07
68	UCART1	396838.26	3766851.08	396838.26, 3766851.08	1.33376	2.63E-03	2.63E-03	1.7E-06	8.2E-07	8.2E-07
69	UCART1	396878.26	3766851.08	396878.26, 3766851.08	1.44824	2.86E-03	2.86E-03	1.9E-06	8.9E-07	8.9E-07
70	UCART1	396918.26	3766851.08	396918.26, 3766851.08	1.46764	2.90E-03	2.90E-03	1.9E-06	9.0E-07	9.0E-07
71	UCART1	396958.26	3766851.08	396958.26, 3766851.08	1.38467	2.73E-03	2.73E-03	1.8E-06	8.5E-07	8.5E-07
72	UCART1	396998.26	3766851.08	396998.26, 3766851.08	1.20539	2.38E-03	2.38E-03	1.6E-06	7.4E-07	7.4E-07
73	UCART1	397038.26	3766851.08	397038.26, 3766851.08	0.96726	1.91E-03	1.91E-03	1.3E-06	5.9E-07	5.9E-07
74	UCART1	397078.26	3766851.08	397078.26, 3766851.08	0.72329	1.43E-03	1.43E-03	9.4E-07	4.4E-07	4.4E-07
75	UCART1	397118.26	3766851.08	397118.26, 3766851.08	0.52355	1.03E-03	1.03E-03	6.8E-07	3.2E-07	3.2E-07
76	UCART1	397158.26	3766851.08	397158.26, 3766851.08	0.38305	7.56E-04	7.56E-04	5.0E-07	2.3E-07	2.3E-07
77	UCART1	397198.26	3766851.08	397198.26, 3766851.08	0.29855	5.89E-04	5.89E-04	3.9E-07	1.8E-07	1.8E-07
78	UCART1	397238.26	3766851.08	397238.26, 3766851.08	0.26302	5.19E-04	5.19E-04	3.4E-07	1.6E-07	1.6E-07
79	UCART1	397278.26	3766851.08	397278.26, 3766851.08	0.25352	5.00E-04	5.00E-04	3.3E-07	1.5E-07	1.5E-07
80	UCART1	397318.26	3766851.08	397318.26, 3766851.08	0.24834	4.90E-04	4.90E-04	3.2E-07	1.5E-07	1.5E-07
81	UCART1	397358.26	3766851.08	397358.26, 3766851.08	0.24065	4.75E-04	4.75E-04	3.1E-07	1.5E-07	1.5E-07
82	UCART1	397398.26	3766851.08	397398.26, 3766851.08	0.23443	4.63E-04	4.63E-04	3.0E-07	1.4E-07	1.4E-07
83	UCART1	397438.26	3766851.08	397438.26, 3766851.08	0.22287	4.40E-04	4.40E-04	2.9E-07	1.4E-07	1.4E-07
84	UCART1	397478.26	3766851.08	397478.26, 3766851.08	0.20931	4.13E-04	4.13E-04	2.7E-07	1.3E-07	1.3E-07
85	UCART1	397518.26	3766851.08	397518.26, 3766851.08	0.19489	3.85E-04	3.85E-04	2.5E-07	1.2E-07	1.2E-07
86	UCART1	397558.26	3766851.08	397558.26, 3766851.08	0.18076	3.57E-04	3.57E-04	2.3E-07	1.1E-07	1.1E-07
87	UCART1	397598.26	3766851.08	397598.26, 3766851.08	0.1668	3.29E-04	3.29E-04	2.2E-07	1.0E-07	1.0E-07
88	UCART1	397638.26	3766851.08	397638.26, 3766851.08	0.15482	3.06E-04	3.06E-04	2.0E-07	9.5E-08	9.5E-08
89	UCART1	397678.26	3766851.08	397678.26, 3766851.08	0.14163	2.80E-04	2.80E-04	1.8E-07	8.7E-08	8.7E-08
90	UCART1	397718.26	3766851.08	397718.26, 3766851.08	0.13397	2.64E-04	2.64E-04	1.7E-07	8.2E-08	8.2E-08
91	UCART1	396558.26	3766891.08	396558.26, 3766891.08	0.32794	6.47E-04	6.47E-04	4.3E-07	2.0E-07	2.0E-07
92	UCART1	396598.26	3766891.08	396598.26, 3766891.08	0.40202	7.93E-04	7.93E-04	5.2E-07	2.5E-07	2.5E-07
93	UCART1	396638.26	3766891.08	396638.26, 3766891.08	0.49669	9.80E-04	9.80E-04	6.4E-07	3.0E-07	3.0E-07
94	UCART1	396678.26	3766891.08	396678.26, 3766891.08	0.63269	1.25E-03	1.25E-03	8.2E-07	3.9E-07	3.9E-07
95	UCART1	396718.26	3766891.08	396718.26, 3766891.08	0.79859	1.58E-03	1.58E-03	1.0E-06	4.9E-07	4.9E-07
96	UCART1	396758.26	3766891.08	396758.26, 3766891.08	0.98573	1.95E-03	1.95E-03	1.3E-06	6.0E-07	6.0E-07
97	UCART1	396798.26	3766891.08	396798.26, 3766891.08	1.20434	2.38E-03	2.38E-03	1.6E-06	7.4E-07	7.4E-07
98	UCART1	396838.26	3766891.08	396838.26, 3766891.08	1.42241	2.81E-03	2.81E-03	1.8E-06	8.7E-07	8.7E-07
99	UCART1	396878.26	3766891.08	396878.26, 3766891.08	1.6318	3.22E-03	3.22E-03	2.1E-06	1.0E-06	1.0E-06
100	UCART1	396918.26	3766891.08	396918.26, 3766891.08	1.70968	3.37E-03	3.37E-03	2.2E-06	1.0E-06	1.0E-06
101	UCART1	396958.26	3766891.08	396958.26, 3766891.08	1.69496	3.35E-03	3.35E-03	2.2E-06	1.0E-06	1.0E-06
102	UCART1	396998.26	3766891.08	396998.26, 3766891.08	1.52698	3.01E-03	3.01E-03	2.0E-06	9.3E-07	9.3E-07
103	UCART1	397038.26	3766891.08	397038.26, 3766891.08	1.25813	2.48E-03	2.48E-03	1.6E-06	7.7E-07	7.7E-07
104	UCART1	397078.26	3766891.08	397078.26, 3766891.08	0.97259	1.92E-03	1.92E-03	1.3E-06	5.9E-07	5.9E-07
105	UCART1	397118.26	3766891.08	397118.26, 3766891.08	0.70129	1.38E-03	1.38E-03	9.1E-07	4.3E-07	4.3E-07
106	UCART1	397158.26	3766891.08	397158.26, 3766891.08	0.48637	9.60E-04	9.60E-04	6.3E-07	3.0E-07	3.0E-07
107	UCART1	397198.26	3766891.08	397198.26, 3766891.08	0.37372	7.38E-04	7.38E-04	4.8E-07	2.3E-07	2.3E-07
108	UCART1	397238.26	3766891.08	397238.26, 3766891.08	0.32608	6.44E-04	6.44E-04	4.2E-07	2.0E-07	2.0E-07
109	UCART1	397278.26	3766891.08	397278.26, 3766891.08	0.30491	6.02E-04	6.02E-04	4.0E-07	1.9E-07	1.9E-07
110	UCART1	397318.26	3766891.08	397318.26, 3766891.08	0.29606	5.84E-04	5.84E-04	3.8E-07	1.8E-07	1.8E-07
111	UCART1	397358.26	3766891.08	397358.26, 3766891.08	0.28714	5.67E-04	5.67E-04	3.7E-07	1.8E-07	1.8E-07
112	UCART1	397398.26	3766891.08	397398.26, 3766891.08	0.26982	5.33E-04	5.33E-04	3.5E-07	1.6E-07	1.6E-07
113	UCART1	397438.26	3766891.08	397438.26, 3766891.08	0.25069	4.95E-04	4.95E-04	3.3E-07	1.5E-07	1.5E-07
114	UCART1	397478.26	3766891.08	397478.26, 3766891.08	0.23306	4.60E-04	4.60E-04	3.0E-07	1.4E-07	1.4E-07
115	UCART1	397518.26	3766891.08	397518.26, 3766891.08	0.2155	4.25E-04	4.25E-04	2.8E-07	1.3E-07	1.3E-07
116	UCART1	397558.26	3766891.08	397558.26, 3766891.08	0.19872	3.92E-04	3.92E-04	2.6E-07	1.2E-07	1.2E-07
117	UCART1	397598.26	3766891.08	397598.26, 3766891.08	0.18269	3.61E-04	3.61E-04	2.4E-07	1.1E-07	1.1E-07
118	UCART1	397638.26	3766891.08	397638.26, 3766891.08	0.16726	3.30E-04	3.30E-04	2.2E-07	1.0E-07	1.0E-07
119	UCART1	397678.26	3766891.08	397678.26, 3766891.08	0.15232	3.01E-04	3.01E-04	2.0E-07	9.3E-08	9.3E-08
120	UCART1	397718.26	3766891.08	397718.26, 3766891.08	0.13905	2.74E-04	2.74E-04	1.8E-07	8.5E-08	8.5E-08
121	UCART1	396558.26	3766931.08	396558.26, 3766931.08	0.30517	6.02E-04	6.02E-04	4.0E-07	1.9E-07	1.9E-07
122	UCART1	396598.26	3766931.08	396598.26, 3766931.08	0.36753	7.25E-04	7.25E-04	4.8E-07	2.2E-07	2.2E-07
123	UCART1	396638.26	3766931.08	396638.26, 3766931.08	0.46525	9.18E-04	9.18E-04	6.0E-07	2.8E-07	2.8E-07
124	UCART1	396678.26	3766931.08	396678.26, 3766931.08	0.58162	1.15E-03	1.15E-03	7.5E-07	3.6E-07	3.6E-07
125	UCART1	396718.26	3766931.08	396718.26, 3766931.08	0.73732	1.46E-03	1.46E-03	9.6E-07	4.5E-07	4.5E-07
126	UCART1	396758.26	3766931.08	396758.26, 3766931.08	0.94146	1.86E-03	1.86E-03	1.2E-06	5.8E-07	5.8E-07
127	UCART1	396798.26	3766931.08	396798.26, 3766931.08	1.1769	2.32E-03	2.32E-03	1.5E-06	7.2E-07	7.2E-07
128	UCART1	396838.26	3766931.08	396838.26, 3766931.08	1.46098	2.88E-03	2.88E-03	1.9E-06	8.9E-07	8.9E-07
129	UCART1	396878.26	3766931.08	396878.26, 3766931.08	1.72666	3.41E-03	3.41E-03	2.2E-06	1.1E-06	1.1E-06
130	UCART1	396918.26	3766931.08	396918.26, 3766931.08	1.9438	3.84E-03	3.84E-03	2.5E-06	1.2E-06	1.2E-06
131	UCART1	396958.26	3766931.08	396958.26, 3766931.08	2.02397	3.99E-03	3.99E-03	2.6E-06	1.2E-06	1.2E-06
132	UCART1	396998.26	3766931.08	396998.26, 3766931.08	1.93127	3.81E-03	3.81E-03	2.5E-06	1.2E-06	1.2E-06
133	UCART1	397038.26	3766931.08	397038.26, 3766931.08	1.67481	3.31E-03	3.31E-03	2.2E-06	1.0E-06	1.0E-06
134	UCART1	397078.26	3766931.08	397078.26, 3766931.08	1.34168	2.65E-03	2.65E-03	1.7E-06	8.2E-07	8.2E-07
135	UCART1	397118.26	3766931.08	397118.26, 3766931.08	0.9845	1.94E-03	1.94E-03	1.3E-06	6.0E-07	6.0E-07
136	UCART1	397158.26	3766931.08	397158.26, 3766931.08	0.67268	1.33E-03	1.33E-03	8.7E-07	4.1E-07	4.1E-07
137	UCART1	397198.26	3766931.08	397198.26, 3766931.08	0.49418	9.75E-04	9.75E-04	6.4E-07	3.0E-07	3.0E-07
138	UCART1	397238.26	3766931.08	397238.26, 3766931.08	0.40756	8.04E-04	8.04E-04	5.3E-07	2.5E-07	2.5E-07
139	UCART1	397278.26	3766931.08	397278.26, 3766931.08	0.37127	7.33E-04	7.33E-04	4.8E-07	2.3E-07	2.3E-07
140	UCART1	397318.26	3766931.08	397318.26, 3766931.08	0.35346	6.98E-04	6.98E-04	4.6E-07	2.2E-07	2.2E-07
141	UCART1	397358.26	3766931.08	397358.26, 3766931.08	0.34717	6.85E-04	6.85E-04	4.5E-07	2.1E-07	2.1E-07

142	UCART1	397398.26	3766931.08	397398.26, 3766931.08	0.31943	6.30E-04	6.30E-04	4.1E-07	2.0E-07	2.0E-07
143	UCART1	397438.26	3766931.08	397438.26, 3766931.08	0.2891	5.71E-04	5.71E-04	3.7E-07	1.8E-07	1.8E-07
144	UCART1	397478.26	3766931.08	397478.26, 3766931.08	0.25929	5.12E-04	5.12E-04	3.4E-07	1.6E-07	1.6E-07
145	UCART1	397518.26	3766931.08	397518.26, 3766931.08	0.2388	4.71E-04	4.71E-04	3.1E-07	1.5E-07	1.5E-07
146	UCART1	397558.26	3766931.08	397558.26, 3766931.08	0.21864	4.32E-04	4.32E-04	2.8E-07	1.3E-07	1.3E-07
147	UCART1	397598.26	3766931.08	397598.26, 3766931.08	0.19936	3.93E-04	3.93E-04	2.6E-07	1.2E-07	1.2E-07
148	UCART1	397638.26	3766931.08	397638.26, 3766931.08	0.18084	3.57E-04	3.57E-04	2.3E-07	1.1E-07	1.1E-07
149	UCART1	397678.26	3766931.08	397678.26, 3766931.08	0.16369	3.23E-04	3.23E-04	2.1E-07	1.0E-07	1.0E-07
150	UCART1	397718.26	3766931.08	397718.26, 3766931.08	0.15133	2.99E-04	2.99E-04	2.0E-07	9.2E-08	9.2E-08
151	UCART1	396558.26	3766971.08	396558.26, 3766971.08	0.28232	5.57E-04	5.57E-04	3.7E-07	1.7E-07	1.7E-07
152	UCART1	396598.26	3766971.08	396598.26, 3766971.08	0.338	6.67E-04	6.67E-04	4.4E-07	2.1E-07	2.1E-07
153	UCART1	396638.26	3766971.08	396638.26, 3766971.08	0.41977	8.29E-04	8.29E-04	5.4E-07	2.6E-07	2.6E-07
154	UCART1	396678.26	3766971.08	396678.26, 3766971.08	0.52326	1.03E-03	1.03E-03	6.8E-07	3.2E-07	3.2E-07
155	UCART1	396718.26	3766971.08	396718.26, 3766971.08	0.66601	1.31E-03	1.31E-03	8.6E-07	4.1E-07	4.1E-07
156	UCART1	396758.26	3766971.08	396758.26, 3766971.08	0.84694	1.67E-03	1.67E-03	1.1E-06	5.2E-07	5.2E-07
157	UCART1	396798.26	3766971.08	396798.26, 3766971.08	1.0974	2.17E-03	2.17E-03	1.4E-06	6.7E-07	6.7E-07
158	UCART1	396838.26	3766971.08	396838.26, 3766971.08	1.40544	2.77E-03	2.77E-03	1.8E-06	8.6E-07	8.6E-07
159	UCART1	396878.26	3766971.08	396878.26, 3766971.08	1.76955	3.49E-03	3.49E-03	2.3E-06	1.1E-06	1.1E-06
160	UCART1	396918.26	3766971.08	396918.26, 3766971.08	2.13252	4.21E-03	4.21E-03	2.8E-06	1.3E-06	1.3E-06
161	UCART1	396958.26	3766971.08	396958.26, 3766971.08	2.39082	4.72E-03	4.72E-03	3.1E-06	1.5E-06	1.5E-06
162	UCART1	396998.26	3766971.08	396998.26, 3766971.08	2.44634	4.83E-03	4.83E-03	3.2E-06	1.5E-06	1.5E-06
163	UCART1	397038.26	3766971.08	397038.26, 3766971.08	2.27262	4.49E-03	4.49E-03	2.9E-06	1.4E-06	1.4E-06
164	UCART1	397078.26	3766971.08	397078.26, 3766971.08	1.95239	3.85E-03	3.85E-03	2.5E-06	1.2E-06	1.2E-06
165	UCART1	397118.26	3766971.08	397118.26, 3766971.08	1.65564	3.27E-03	3.27E-03	2.1E-06	1.0E-06	1.0E-06
166	UCART1	397158.26	3766971.08	397158.26, 3766971.08	1.23812	2.44E-03	2.44E-03	1.6E-06	7.6E-07	7.6E-07
167	UCART1	397198.26	3766971.08	397198.26, 3766971.08	0.76211	1.50E-03	1.50E-03	9.9E-07	4.7E-07	4.7E-07
168	UCART1	397238.26	3766971.08	397238.26, 3766971.08	0.5498	1.09E-03	1.09E-03	7.1E-07	3.4E-07	3.4E-07
169	UCART1	397278.26	3766971.08	397278.26, 3766971.08	0.46474	9.17E-04	9.17E-04	6.0E-07	2.8E-07	2.8E-07
170	UCART1	397318.26	3766971.08	397318.26, 3766971.08	0.43512	8.59E-04	8.59E-04	5.6E-07	2.7E-07	2.7E-07
171	UCART1	397358.26	3766971.08	397358.26, 3766971.08	0.40651	8.02E-04	8.02E-04	5.3E-07	2.5E-07	2.5E-07
172	UCART1	397398.26	3766971.08	397398.26, 3766971.08	0.37536	7.41E-04	7.41E-04	4.9E-07	2.3E-07	2.3E-07
173	UCART1	397438.26	3766971.08	397438.26, 3766971.08	0.34094	6.73E-04	6.73E-04	4.4E-07	2.1E-07	2.1E-07
174	UCART1	397478.26	3766971.08	397478.26, 3766971.08	0.30022	5.93E-04	5.93E-04	3.9E-07	1.8E-07	1.8E-07
175	UCART1	397518.26	3766971.08	397518.26, 3766971.08	0.26674	5.26E-04	5.26E-04	3.5E-07	1.6E-07	1.6E-07
176	UCART1	397558.26	3766971.08	397558.26, 3766971.08	0.2393	4.72E-04	4.72E-04	3.1E-07	1.5E-07	1.5E-07
177	UCART1	397598.26	3766971.08	397598.26, 3766971.08	0.21564	4.26E-04	4.26E-04	2.8E-07	1.3E-07	1.3E-07
178	UCART1	397638.26	3766971.08	397638.26, 3766971.08	0.19424	3.83E-04	3.83E-04	2.5E-07	1.2E-07	1.2E-07
179	UCART1	397678.26	3766971.08	397678.26, 3766971.08	0.17602	3.47E-04	3.47E-04	2.3E-07	1.1E-07	1.1E-07
180	UCART1	397718.26	3766971.08	397718.26, 3766971.08	0.16759	3.31E-04	3.31E-04	2.2E-07	1.0E-07	1.0E-07
181	UCART1	396558.26	3767011.08	396558.26, 3767011.08	0.25844	5.10E-04	5.10E-04	3.4E-07	1.6E-07	1.6E-07
182	UCART1	396598.26	3767011.08	396598.26, 3767011.08	0.30758	6.07E-04	6.07E-04	4.0E-07	1.9E-07	1.9E-07
183	UCART1	396638.26	3767011.08	396638.26, 3767011.08	0.3774	7.45E-04	7.45E-04	4.9E-07	2.3E-07	2.3E-07
184	UCART1	396678.26	3767011.08	396678.26, 3767011.08	0.46834	9.24E-04	9.24E-04	6.1E-07	2.9E-07	2.9E-07
185	UCART1	396718.26	3767011.08	396718.26, 3767011.08	0.58417	1.15E-03	1.15E-03	7.6E-07	3.6E-07	3.6E-07
186	UCART1	396758.26	3767011.08	396758.26, 3767011.08	0.74913	1.48E-03	1.48E-03	9.7E-07	4.6E-07	4.6E-07
187	UCART1	396798.26	3767011.08	396798.26, 3767011.08	0.96573	1.91E-03	1.91E-03	1.3E-06	5.9E-07	5.9E-07
188	UCART1	396838.26	3767011.08	396838.26, 3767011.08	1.28273	2.53E-03	2.53E-03	1.7E-06	7.8E-07	7.8E-07
189	UCART1	396878.26	3767011.08	396878.26, 3767011.08	1.70253	3.36E-03	3.36E-03	2.2E-06	1.0E-06	1.0E-06
190	UCART1	396918.26	3767011.08	396918.26, 3767011.08	2.21545	4.37E-03	4.37E-03	2.9E-06	1.4E-06	1.4E-06
191	UCART1	396958.26	3767011.08	396958.26, 3767011.08	2.69233	5.31E-03	5.31E-03	3.5E-06	1.6E-06	1.6E-06
192	UCART1	396998.26	3767011.08	396998.26, 3767011.08	3.01863	5.96E-03	5.96E-03	3.9E-06	1.8E-06	1.8E-06
193	UCART1	397038.26	3767011.08	397038.26, 3767011.08	3.26792	6.45E-03	6.45E-03	4.2E-06	2.0E-06	2.0E-06
194	UCART1	397078.26	3767011.08	397078.26, 3767011.08	3.46401	6.84E-03	6.84E-03	4.5E-06	2.1E-06	2.1E-06
195	UCART1	397118.26	3767011.08	397118.26, 3767011.08	2.7768	5.48E-03	5.48E-03	3.6E-06	1.7E-06	1.7E-06
196	UCART1	397158.26	3767011.08	397158.26, 3767011.08	1.86098	3.67E-03	3.67E-03	2.4E-06	1.1E-06	1.1E-06
197	UCART1	397198.26	3767011.08	397198.26, 3767011.08	1.17064	2.31E-03	2.31E-03	1.5E-06	7.2E-07	7.2E-07
198	UCART1	397238.26	3767011.08	397238.26, 3767011.08	0.8076	1.59E-03	1.59E-03	1.0E-06	4.9E-07	4.9E-07
199	UCART1	397278.26	3767011.08	397278.26, 3767011.08	0.62843	1.24E-03	1.24E-03	8.1E-07	3.8E-07	3.8E-07
200	UCART1	397318.26	3767011.08	397318.26, 3767011.08	0.544	1.07E-03	1.07E-03	7.1E-07	3.3E-07	3.3E-07
201	UCART1	397358.26	3767011.08	397358.26, 3767011.08	0.48534	9.58E-04	9.58E-04	6.3E-07	3.0E-07	3.0E-07
202	UCART1	397398.26	3767011.08	397398.26, 3767011.08	0.42462	8.38E-04	8.38E-04	5.5E-07	2.6E-07	2.6E-07
203	UCART1	397438.26	3767011.08	397438.26, 3767011.08	0.39268	7.75E-04	7.75E-04	5.1E-07	2.4E-07	2.4E-07
204	UCART1	397478.26	3767011.08	397478.26, 3767011.08	0.34429	6.80E-04	6.80E-04	4.5E-07	2.1E-07	2.1E-07
205	UCART1	397518.26	3767011.08	397518.26, 3767011.08	0.30396	6.00E-04	6.00E-04	3.9E-07	1.9E-07	1.9E-07
206	UCART1	397558.26	3767011.08	397558.26, 3767011.08	0.2692	5.31E-04	5.31E-04	3.5E-07	1.6E-07	1.6E-07
207	UCART1	397598.26	3767011.08	397598.26, 3767011.08	0.23954	4.73E-04	4.73E-04	3.1E-07	1.5E-07	1.5E-07
208	UCART1	397638.26	3767011.08	397638.26, 3767011.08	0.21463	4.24E-04	4.24E-04	2.8E-07	1.3E-07	1.3E-07
209	UCART1	397678.26	3767011.08	397678.26, 3767011.08	0.19818	3.91E-04	3.91E-04	2.6E-07	1.2E-07	1.2E-07
210	UCART1	397718.26	3767011.08	397718.26, 3767011.08	0.17649	3.48E-04	3.48E-04	2.3E-07	1.1E-07	1.1E-07
211	UCART1	396558.26	3767051.08	396558.26, 3767051.08	0.24016	4.74E-04	4.74E-04	3.1E-07	1.5E-07	1.5E-07
212	UCART1	396598.26	3767051.08	396598.26, 3767051.08	0.28348	5.60E-04	5.60E-04	3.7E-07	1.7E-07	1.7E-07
213	UCART1	396638.26	3767051.08	396638.26, 3767051.08	0.33878	6.69E-04	6.69E-04	4.4E-07	2.1E-07	2.1E-07
214	UCART1	396678.26	3767051.08	396678.26, 3767051.08	0.414	8.17E-04	8.17E-04	5.4E-07	2.5E-07	2.5E-07
215	UCART1	396718.26	3767051.08	396718.26, 3767051.08	0.51574	1.02E-03	1.02E-03	6.7E-07	3.2E-07	3.2E-07
216	UCART1	396758.26	3767051.08	396758.26, 3767051.08	0.64558	1.27E-03	1.27E-03	8.4E-07	3.9E-07	3.9E-07

217	UCART1	396798.26	3767051.08	396798.26, 3767051.08	0.82771	1.63E-03	1.63E-03	1.1E-06	5.1E-07	5.1E-07
218	UCART1	396838.26	3767051.08	396838.26, 3767051.08	1.10255	2.18E-03	2.18E-03	1.4E-06	6.7E-07	6.7E-07
219	UCART1	396878.26	3767051.08	396878.26, 3767051.08	1.52155	3.00E-03	3.00E-03	2.0E-06	9.3E-07	9.3E-07
220	UCART1	396918.26	3767051.08	396918.26, 3767051.08	2.16386	4.27E-03	4.27E-03	2.8E-06	1.3E-06	1.3E-06
221	UCART1	396958.26	3767051.08	396958.26, 3767051.08	2.94009	5.80E-03	5.80E-03	3.8E-06	1.8E-06	1.8E-06
222	UCART1	396998.26	3767051.08	396998.26, 3767051.08	4.1183	8.13E-03	8.13E-03	5.3E-06	2.5E-06	2.5E-06
223	UCART1	397038.26	3767051.08	397038.26, 3767051.08	5.15144	1.02E-02	1.02E-02	6.7E-06	3.1E-06	3.1E-06
224	UCART1	397078.26	3767051.08	397078.26, 3767051.08	4.24246	8.37E-03	8.37E-03	5.5E-06	2.6E-06	2.6E-06
225	UCART1	397118.26	3767051.08	397118.26, 3767051.08	3.42623	6.76E-03	6.76E-03	4.4E-06	2.1E-06	2.1E-06
226	UCART1	397158.26	3767051.08	397158.26, 3767051.08	2.37533	4.69E-03	4.69E-03	3.1E-06	1.5E-06	1.5E-06
227	UCART1	397198.26	3767051.08	397198.26, 3767051.08	1.53088	3.02E-03	3.02E-03	2.0E-06	9.4E-07	9.4E-07
228	UCART1	397238.26	3767051.08	397238.26, 3767051.08	1.02594	2.02E-03	2.02E-03	1.3E-06	6.3E-07	6.3E-07
229	UCART1	397278.26	3767051.08	397278.26, 3767051.08	0.83964	1.66E-03	1.66E-03	1.1E-06	5.1E-07	5.1E-07
230	UCART1	397318.26	3767051.08	397318.26, 3767051.08	0.7334	1.45E-03	1.45E-03	9.5E-07	4.5E-07	4.5E-07
231	UCART1	397358.26	3767051.08	397358.26, 3767051.08	0.58853	1.16E-03	1.16E-03	7.6E-07	3.6E-07	3.6E-07
232	UCART1	397398.26	3767051.08	397398.26, 3767051.08	0.49372	9.74E-04	9.74E-04	6.4E-07	3.0E-07	3.0E-07
233	UCART1	397438.26	3767051.08	397438.26, 3767051.08	0.43505	8.59E-04	8.59E-04	5.6E-07	2.7E-07	2.7E-07
234	UCART1	397478.26	3767051.08	397478.26, 3767051.08	0.39119	7.72E-04	7.72E-04	5.1E-07	2.4E-07	2.4E-07
235	UCART1	397518.26	3767051.08	397518.26, 3767051.08	0.33831	6.68E-04	6.68E-04	4.4E-07	2.1E-07	2.1E-07
236	UCART1	397558.26	3767051.08	397558.26, 3767051.08	0.29918	5.91E-04	5.91E-04	3.9E-07	1.8E-07	1.8E-07
237	UCART1	397598.26	3767051.08	397598.26, 3767051.08	0.262	5.17E-04	5.17E-04	3.4E-07	1.6E-07	1.6E-07
238	UCART1	397638.26	3767051.08	397638.26, 3767051.08	0.23019	4.54E-04	4.54E-04	3.0E-07	1.4E-07	1.4E-07
239	UCART1	397678.26	3767051.08	397678.26, 3767051.08	0.20675	4.08E-04	4.08E-04	2.7E-07	1.3E-07	1.3E-07
240	UCART1	397718.26	3767051.08	397718.26, 3767051.08	0.18608	3.67E-04	3.67E-04	2.4E-07	1.1E-07	1.1E-07
241	UCART1	396558.26	3767091.08	396558.26, 3767091.08	0.22578	4.46E-04	4.46E-04	2.9E-07	1.4E-07	1.4E-07
242	UCART1	396598.26	3767091.08	396598.26, 3767091.08	0.26615	5.25E-04	5.25E-04	3.5E-07	1.6E-07	1.6E-07
243	UCART1	396638.26	3767091.08	396638.26, 3767091.08	0.31071	6.13E-04	6.13E-04	4.0E-07	1.9E-07	1.9E-07
244	UCART1	396678.26	3767091.08	396678.26, 3767091.08	0.36831	7.27E-04	7.27E-04	4.8E-07	2.3E-07	2.3E-07
245	UCART1	396718.26	3767091.08	396718.26, 3767091.08	0.45079	8.90E-04	8.90E-04	5.8E-07	2.8E-07	2.8E-07
246	UCART1	396758.26	3767091.08	396758.26, 3767091.08	0.55754	1.10E-03	1.10E-03	7.2E-07	3.4E-07	3.4E-07
247	UCART1	396798.26	3767091.08	396798.26, 3767091.08	0.70401	1.39E-03	1.39E-03	9.1E-07	4.3E-07	4.3E-07
248	UCART1	396838.26	3767091.08	396838.26, 3767091.08	0.91822	1.81E-03	1.81E-03	1.2E-06	5.6E-07	5.6E-07
249	UCART1	396878.26	3767091.08	396878.26, 3767091.08	1.26162	2.49E-03	2.49E-03	1.6E-06	7.7E-07	7.7E-07
250	UCART1	396918.26	3767091.08	396918.26, 3767091.08	1.84758	3.65E-03	3.65E-03	2.4E-06	1.1E-06	1.1E-06
251	UCART1	396958.26	3767091.08	396958.26, 3767091.08	3.10977	6.14E-03	6.14E-03	4.0E-06	1.9E-06	1.9E-06
252	UCART1	396998.26	3767091.08	396998.26, 3767091.08	6.03237	1.19E-02	1.19E-02	7.8E-06	3.7E-06	3.7E-06
253	UCART1	397078.26	3767091.08	397078.26, 3767091.08	5.42884	1.07E-02	1.07E-02	7.0E-06	3.3E-06	3.3E-06
254	UCART1	397118.26	3767091.08	397118.26, 3767091.08	4.96391	9.80E-03	9.80E-03	6.4E-06	3.0E-06	3.0E-06
255	UCART1	397158.26	3767091.08	397158.26, 3767091.08	3.78998	7.48E-03	7.48E-03	4.9E-06	2.3E-06	2.3E-06
256	UCART1	397198.26	3767091.08	397198.26, 3767091.08	2.40815	4.75E-03	4.75E-03	3.1E-06	1.5E-06	1.5E-06
257	UCART1	397238.26	3767091.08	397238.26, 3767091.08	1.49946	2.96E-03	2.96E-03	1.9E-06	9.2E-07	9.2E-07
258	UCART1	397278.26	3767091.08	397278.26, 3767091.08	1.13377	2.24E-03	2.24E-03	1.5E-06	6.9E-07	6.9E-07
259	UCART1	397318.26	3767091.08	397318.26, 3767091.08	1.03178	2.04E-03	2.04E-03	1.3E-06	6.3E-07	6.3E-07
260	UCART1	397358.26	3767091.08	397358.26, 3767091.08	0.72414	1.43E-03	1.43E-03	9.4E-07	4.4E-07	4.4E-07
261	UCART1	397398.26	3767091.08	397398.26, 3767091.08	0.58016	1.15E-03	1.15E-03	7.5E-07	3.5E-07	3.5E-07
262	UCART1	397438.26	3767091.08	397438.26, 3767091.08	0.49132	9.70E-04	9.70E-04	6.4E-07	3.0E-07	3.0E-07
263	UCART1	397478.26	3767091.08	397478.26, 3767091.08	0.41892	8.27E-04	8.27E-04	5.4E-07	2.6E-07	2.6E-07
264	UCART1	397518.26	3767091.08	397518.26, 3767091.08	0.36675	7.24E-04	7.24E-04	4.8E-07	2.2E-07	2.2E-07
265	UCART1	397558.26	3767091.08	397558.26, 3767091.08	0.31839	6.28E-04	6.28E-04	4.1E-07	1.9E-07	1.9E-07
266	UCART1	397598.26	3767091.08	397598.26, 3767091.08	0.28142	5.55E-04	5.55E-04	3.6E-07	1.7E-07	1.7E-07
267	UCART1	397638.26	3767091.08	397638.26, 3767091.08	0.25006	4.94E-04	4.94E-04	3.2E-07	1.5E-07	1.5E-07
268	UCART1	397678.26	3767091.08	397678.26, 3767091.08	0.21791	4.30E-04	4.30E-04	2.8E-07	1.3E-07	1.3E-07
269	UCART1	397718.26	3767091.08	397718.26, 3767091.08	0.19499	3.85E-04	3.85E-04	2.5E-07	1.2E-07	1.2E-07
270	UCART1	396558.26	3767131.08	396558.26, 3767131.08	0.21793	4.30E-04	4.30E-04	2.8E-07	1.3E-07	1.3E-07
271	UCART1	396598.26	3767131.08	396598.26, 3767131.08	0.25158	4.97E-04	4.97E-04	3.3E-07	1.5E-07	1.5E-07
272	UCART1	396638.26	3767131.08	396638.26, 3767131.08	0.294	5.80E-04	5.80E-04	3.8E-07	1.8E-07	1.8E-07
273	UCART1	396678.26	3767131.08	396678.26, 3767131.08	0.33635	6.64E-04	6.64E-04	4.4E-07	2.1E-07	2.1E-07
274	UCART1	396718.26	3767131.08	396718.26, 3767131.08	0.39958	7.89E-04	7.89E-04	5.2E-07	2.4E-07	2.4E-07
275	UCART1	396758.26	3767131.08	396758.26, 3767131.08	0.48603	9.59E-04	9.59E-04	6.3E-07	3.0E-07	3.0E-07
276	UCART1	396798.26	3767131.08	396798.26, 3767131.08	0.60578	1.20E-03	1.20E-03	7.9E-07	3.7E-07	3.7E-07
277	UCART1	396838.26	3767131.08	396838.26, 3767131.08	0.76741	1.51E-03	1.51E-03	9.9E-07	4.7E-07	4.7E-07
278	UCART1	396878.26	3767131.08	396878.26, 3767131.08	1.02545	2.02E-03	2.02E-03	1.3E-06	6.3E-07	6.3E-07
279	UCART1	396918.26	3767131.08	396918.26, 3767131.08	1.41278	2.79E-03	2.79E-03	1.8E-06	8.6E-07	8.6E-07
280	UCART1	396958.26	3767131.08	396958.26, 3767131.08	2.62161	5.17E-03	5.17E-03	3.4E-06	1.6E-06	1.6E-06
281	UCART1	397238.26	3767131.08	397238.26, 3767131.08	2.93721	5.80E-03	5.80E-03	3.8E-06	1.8E-06	1.8E-06
282	UCART1	397278.26	3767131.08	397278.26, 3767131.08	1.85629	3.66E-03	3.66E-03	2.4E-06	1.1E-06	1.1E-06
283	UCART1	397318.26	3767131.08	397318.26, 3767131.08	1.39911	2.76E-03	2.76E-03	1.8E-06	8.6E-07	8.6E-07
284	UCART1	397358.26	3767131.08	397358.26, 3767131.08	0.97126	1.92E-03	1.92E-03	1.3E-06	5.9E-07	5.9E-07
285	UCART1	397398.26	3767131.08	397398.26, 3767131.08	0.66946	1.32E-03	1.32E-03	8.7E-07	4.1E-07	4.1E-07
286	UCART1	397438.26	3767131.08	397438.26, 3767131.08	0.55501	1.10E-03	1.10E-03	7.2E-07	3.4E-07	3.4E-07
287	UCART1	397478.26	3767131.08	397478.26, 3767131.08	0.46348	9.15E-04	9.15E-04	6.0E-07	2.8E-07	2.8E-07
288	UCART1	397518.26	3767131.08	397518.26, 3767131.08	0.39553	7.81E-04	7.81E-04	5.1E-07	2.4E-07	2.4E-07
289	UCART1	397558.26	3767131.08	397558.26, 3767131.08	0.34473	6.80E-04	6.80E-04	4.5E-07	2.1E-07	2.1E-07
290	UCART1	397598.26	3767131.08	397598.26, 3767131.08	0.29922	5.91E-04	5.91E-04	3.9E-07	1.8E-07	1.8E-07
291	UCART1	397638.26	3767131.08	397638.26, 3767131.08	0.26918	5.31E-04	5.31E-04	3.5E-07	1.6E-07	1.6E-07

292	UCART1	397678.26	3767131.08	397678.26, 3767131.08	0.23557	4.65E-04	4.65E-04	3.1E-07	1.4E-07	1.4E-07
293	UCART1	397718.26	3767131.08	397718.26, 3767131.08	0.20911	4.13E-04	4.13E-04	2.7E-07	1.3E-07	1.3E-07
294	UCART1	396558.26	3767171.08	396558.26, 3767171.08	0.21572	4.26E-04	4.26E-04	2.8E-07	1.3E-07	1.3E-07
295	UCART1	396598.26	3767171.08	396598.26, 3767171.08	0.24483	4.83E-04	4.83E-04	3.2E-07	1.5E-07	1.5E-07
296	UCART1	396638.26	3767171.08	396638.26, 3767171.08	0.27957	5.52E-04	5.52E-04	3.6E-07	1.7E-07	1.7E-07
297	UCART1	396678.26	3767171.08	396678.26, 3767171.08	0.32291	6.37E-04	6.37E-04	4.2E-07	2.0E-07	2.0E-07
298	UCART1	396718.26	3767171.08	396718.26, 3767171.08	0.36382	7.18E-04	7.18E-04	4.7E-07	2.2E-07	2.2E-07
299	UCART1	396758.26	3767171.08	396758.26, 3767171.08	0.43326	8.55E-04	8.55E-04	5.6E-07	2.6E-07	2.6E-07
300	UCART1	396798.26	3767171.08	396798.26, 3767171.08	0.52779	1.04E-03	1.04E-03	6.8E-07	3.2E-07	3.2E-07
301	UCART1	396838.26	3767171.08	396838.26, 3767171.08	0.66099	1.30E-03	1.30E-03	8.6E-07	4.0E-07	4.0E-07
302	UCART1	396878.26	3767171.08	396878.26, 3767171.08	0.86174	1.70E-03	1.70E-03	1.1E-06	5.3E-07	5.3E-07
303	UCART1	396918.26	3767171.08	396918.26, 3767171.08	1.16718	2.30E-03	2.30E-03	1.5E-06	7.1E-07	7.1E-07
304	UCART1	397438.26	3767171.08	397438.26, 3767171.08	0.65618	1.30E-03	1.30E-03	8.5E-07	4.0E-07	4.0E-07
305	UCART1	397478.26	3767171.08	397478.26, 3767171.08	0.54478	1.08E-03	1.08E-03	7.1E-07	3.3E-07	3.3E-07
306	UCART1	397518.26	3767171.08	397518.26, 3767171.08	0.46123	9.10E-04	9.10E-04	6.0E-07	2.8E-07	2.8E-07
307	UCART1	397558.26	3767171.08	397558.26, 3767171.08	0.39644	7.82E-04	7.82E-04	5.1E-07	2.4E-07	2.4E-07
308	UCART1	397598.26	3767171.08	397598.26, 3767171.08	0.34358	6.78E-04	6.78E-04	4.5E-07	2.1E-07	2.1E-07
309	UCART1	397638.26	3767171.08	397638.26, 3767171.08	0.29946	5.91E-04	5.91E-04	3.9E-07	1.8E-07	1.8E-07
310	UCART1	397678.26	3767171.08	397678.26, 3767171.08	0.26099	5.15E-04	5.15E-04	3.4E-07	1.6E-07	1.6E-07
311	UCART1	397718.26	3767171.08	397718.26, 3767171.08	0.22886	4.52E-04	4.52E-04	3.0E-07	1.4E-07	1.4E-07
312	UCART1	396558.26	3767211.08	396558.26, 3767211.08	0.21272	4.20E-04	4.20E-04	2.8E-07	1.3E-07	1.3E-07
313	UCART2	396598.26	3767211.08	396598.26, 3767211.08	0.2426	4.79E-04	4.79E-04	3.1E-07	1.5E-07	1.5E-07
314	UCART3	396638.26	3767211.08	396638.26, 3767211.08	0.27295	5.39E-04	5.39E-04	3.5E-07	1.7E-07	1.7E-07
315	UCART4	396678.26	3767211.08	396678.26, 3767211.08	0.31521	6.22E-04	6.22E-04	4.1E-07	1.9E-07	1.9E-07
316	UCART5	396718.26	3767211.08	396718.26, 3767211.08	0.34717	6.85E-04	6.85E-04	4.5E-07	2.1E-07	2.1E-07
317	UCART6	396758.26	3767211.08	396758.26, 3767211.08	0.39781	7.85E-04	7.85E-04	5.2E-07	2.4E-07	2.4E-07
318	UCART7	396798.26	3767211.08	396798.26, 3767211.08	0.47248	9.33E-04	9.33E-04	6.1E-07	2.9E-07	2.9E-07
319	UCART8	396838.26	3767211.08	396838.26, 3767211.08	0.58952	1.16E-03	1.16E-03	7.6E-07	3.6E-07	3.6E-07
320	UCART9	396878.26	3767211.08	396878.26, 3767211.08	0.73868	1.46E-03	1.46E-03	9.6E-07	4.5E-07	4.5E-07
321	UCART10	396918.26	3767211.08	396918.26, 3767211.08	0.96113	1.90E-03	1.90E-03	1.2E-06	5.9E-07	5.9E-07
322	UCART11	396958.26	3767211.08	396958.26, 3767211.08	1.26678	2.50E-03	2.50E-03	1.6E-06	7.7E-07	7.7E-07
323	UCART12	397438.26	3767211.08	397438.26, 3767211.08	0.84256	1.66E-03	1.66E-03	1.1E-06	5.1E-07	5.1E-07
324	UCART13	397478.26	3767211.08	397478.26, 3767211.08	0.67179	1.33E-03	1.33E-03	8.7E-07	4.1E-07	4.1E-07
325	UCART14	397518.26	3767211.08	397518.26, 3767211.08	0.56012	1.11E-03	1.11E-03	7.3E-07	3.4E-07	3.4E-07
326	UCART15	397558.26	3767211.08	397558.26, 3767211.08	0.47394	9.35E-04	9.35E-04	6.1E-07	2.9E-07	2.9E-07
327	UCART16	397598.26	3767211.08	397598.26, 3767211.08	0.40521	8.00E-04	8.00E-04	5.3E-07	2.5E-07	2.5E-07
328	UCART17	397638.26	3767211.08	397638.26, 3767211.08	0.34668	6.84E-04	6.84E-04	4.5E-07	2.1E-07	2.1E-07
329	UCART18	397678.26	3767211.08	397678.26, 3767211.08	0.29712	5.86E-04	5.86E-04	3.9E-07	1.8E-07	1.8E-07
330	UCART19	397718.26	3767211.08	397718.26, 3767211.08	0.25676	5.07E-04	5.07E-04	3.3E-07	1.6E-07	1.6E-07
331	UCART20	396558.26	3767251.08	396558.26, 3767251.08	0.21361	4.22E-04	4.22E-04	2.8E-07	1.3E-07	1.3E-07
332	UCART21	396598.26	3767251.08	396598.26, 3767251.08	0.23929	4.72E-04	4.72E-04	3.1E-07	1.5E-07	1.5E-07
333	UCART22	396638.26	3767251.08	396638.26, 3767251.08	0.27214	5.37E-04	5.37E-04	3.5E-07	1.7E-07	1.7E-07
334	UCART23	396678.26	3767251.08	396678.26, 3767251.08	0.30857	6.09E-04	6.09E-04	4.0E-07	1.9E-07	1.9E-07
335	UCART24	396718.26	3767251.08	396718.26, 3767251.08	0.34873	6.88E-04	6.88E-04	4.5E-07	2.1E-07	2.1E-07
336	UCART25	396758.26	3767251.08	396758.26, 3767251.08	0.38002	7.50E-04	7.50E-04	4.9E-07	2.3E-07	2.3E-07
337	UCART26	396798.26	3767251.08	396798.26, 3767251.08	0.44203	8.72E-04	8.72E-04	5.7E-07	2.7E-07	2.7E-07
338	UCART27	396838.26	3767251.08	396838.26, 3767251.08	0.52907	1.04E-03	1.04E-03	6.9E-07	3.2E-07	3.2E-07
339	UCART28	396878.26	3767251.08	396878.26, 3767251.08	0.65267	1.29E-03	1.29E-03	8.5E-07	4.0E-07	4.0E-07
340	UCART29	396918.26	3767251.08	396918.26, 3767251.08	0.8556	1.69E-03	1.69E-03	1.1E-06	5.2E-07	5.2E-07
341	UCART30	396958.26	3767251.08	396958.26, 3767251.08	1.03688	2.05E-03	2.05E-03	1.3E-06	6.3E-07	6.3E-07
342	UCART31	396998.26	3767251.08	396998.26, 3767251.08	1.38555	2.73E-03	2.73E-03	1.8E-06	8.5E-07	8.5E-07
343	UCART32	397038.26	3767251.08	397038.26, 3767251.08	1.82873	3.61E-03	3.61E-03	2.4E-06	1.1E-06	1.1E-06
344	UCART33	397078.26	3767251.08	397078.26, 3767251.08	3.22575	6.37E-03	6.37E-03	4.2E-06	2.0E-06	2.0E-06
345	UCART34	397118.26	3767251.08	397118.26, 3767251.08	7.72014	1.52E-02	1.52E-02	1.0E-05	4.7E-06	4.7E-06
346	UCART35	397318.26	3767251.08	397318.26, 3767251.08	3.71949	7.34E-03	7.34E-03	4.8E-06	2.3E-06	2.3E-06
347	UCART36	397358.26	3767251.08	397358.26, 3767251.08	2.30326	4.55E-03	4.55E-03	3.0E-06	1.4E-06	1.4E-06
348	UCART37	397398.26	3767251.08	397398.26, 3767251.08	1.58818	3.13E-03	3.13E-03	2.1E-06	9.7E-07	9.7E-07
349	UCART38	397438.26	3767251.08	397438.26, 3767251.08	1.19197	2.35E-03	2.35E-03	1.5E-06	7.3E-07	7.3E-07
350	UCART39	397478.26	3767251.08	397478.26, 3767251.08	0.91089	1.80E-03	1.80E-03	1.2E-06	5.6E-07	5.6E-07
351	UCART40	397518.26	3767251.08	397518.26, 3767251.08	0.72663	1.43E-03	1.43E-03	9.4E-07	4.4E-07	4.4E-07
352	UCART41	397558.26	3767251.08	397558.26, 3767251.08	0.59161	1.17E-03	1.17E-03	7.7E-07	3.6E-07	3.6E-07
353	UCART42	397598.26	3767251.08	397598.26, 3767251.08	0.49259	9.72E-04	9.72E-04	6.4E-07	3.0E-07	3.0E-07
354	UCART43	397638.26	3767251.08	397638.26, 3767251.08	0.41453	8.18E-04	8.18E-04	5.4E-07	2.5E-07	2.5E-07
355	UCART44	397678.26	3767251.08	397678.26, 3767251.08	0.34967	6.90E-04	6.90E-04	4.5E-07	2.1E-07	2.1E-07
356	UCART45	397718.26	3767251.08	397718.26, 3767251.08	0.29655	5.85E-04	5.85E-04	3.8E-07	1.8E-07	1.8E-07
357	UCART46	396558.26	3767291.08	396558.26, 3767291.08	0.20686	4.08E-04	4.08E-04	2.7E-07	1.3E-07	1.3E-07
358	UCART47	396598.26	3767291.08	396598.26, 3767291.08	0.23482	4.63E-04	4.63E-04	3.0E-07	1.4E-07	1.4E-07
359	UCART48	396638.26	3767291.08	396638.26, 3767291.08	0.26726	5.28E-04	5.28E-04	3.5E-07	1.6E-07	1.6E-07
360	UCART49	396678.26	3767291.08	396678.26, 3767291.08	0.30532	6.03E-04	6.03E-04	4.0E-07	1.9E-07	1.9E-07
361	UCART50	396718.26	3767291.08	396718.26, 3767291.08	0.35262	6.96E-04	6.96E-04	4.6E-07	2.2E-07	2.2E-07
362	UCART51	396758.26	3767291.08	396758.26, 3767291.08	0.36713	7.25E-04	7.25E-04	4.8E-07	2.2E-07	2.2E-07
363	UCART52	396798.26	3767291.08	396798.26, 3767291.08	0.41906	8.27E-04	8.27E-04	5.4E-07	2.6E-07	2.6E-07
364	UCART53	396838.26	3767291.08	396838.26, 3767291.08	0.49283	9.73E-04	9.73E-04	6.4E-07	3.0E-07	3.0E-07
365	UCART54	396878.26	3767291.08	396878.26, 3767291.08	0.63801	1.26E-03	1.26E-03	8.3E-07	3.9E-07	3.9E-07
366	UCART55	396918.26	3767291.08	396918.26, 3767291.08	0.74731	1.47E-03	1.47E-03	9.7E-07	4.6E-07	4.6E-07

367	UCART56	396958.26	3767291.08	396958.26, 3767291.08	0.91371	1.80E-03	1.80E-03	1.2E-06	5.6E-07	5.6E-07
368	UCART57	396998.26	3767291.08	396998.26, 3767291.08	1.22548	2.42E-03	2.42E-03	1.6E-06	7.5E-07	7.5E-07
369	UCART58	397038.26	3767291.08	397038.26, 3767291.08	2.31731	4.57E-03	4.57E-03	3.0E-06	1.4E-06	1.4E-06
370	UCART59	397078.26	3767291.08	397078.26, 3767291.08	3.7133	7.33E-03	7.33E-03	4.8E-06	2.3E-06	2.3E-06
371	UCART60	397118.26	3767291.08	397118.26, 3767291.08	4.29258	8.47E-03	8.47E-03	5.6E-06	2.6E-06	2.6E-06
372	UCART61	397158.26	3767291.08	397158.26, 3767291.08	7.25732	1.43E-02	1.43E-02	9.4E-06	4.4E-06	4.4E-06
373	UCART62	397278.26	3767291.08	397278.26, 3767291.08	5.50076	1.09E-02	1.09E-02	7.1E-06	3.4E-06	3.4E-06
374	UCART63	397318.26	3767291.08	397318.26, 3767291.08	4.81857	9.51E-03	9.51E-03	6.2E-06	2.9E-06	2.9E-06
375	UCART64	397358.26	3767291.08	397358.26, 3767291.08	2.98005	5.88E-03	5.88E-03	3.9E-06	1.8E-06	1.8E-06
376	UCART65	397398.26	3767291.08	397398.26, 3767291.08	2.23957	4.42E-03	4.42E-03	2.9E-06	1.4E-06	1.4E-06
377	UCART66	397438.26	3767291.08	397438.26, 3767291.08	1.65888	3.27E-03	3.27E-03	2.2E-06	1.0E-06	1.0E-06
378	UCART67	397478.26	3767291.08	397478.26, 3767291.08	1.24081	2.45E-03	2.45E-03	1.6E-06	7.6E-07	7.6E-07
379	UCART68	397518.26	3767291.08	397518.26, 3767291.08	0.95774	1.89E-03	1.89E-03	1.2E-06	5.9E-07	5.9E-07
380	UCART69	397558.26	3767291.08	397558.26, 3767291.08	0.76951	1.52E-03	1.52E-03	1.0E-06	4.7E-07	4.7E-07
381	UCART70	397598.26	3767291.08	397598.26, 3767291.08	0.62507	1.23E-03	1.23E-03	8.1E-07	3.8E-07	3.8E-07
382	UCART71	397638.26	3767291.08	397638.26, 3767291.08	0.50694	1.00E-03	1.00E-03	6.6E-07	3.1E-07	3.1E-07
383	UCART72	397678.26	3767291.08	397678.26, 3767291.08	0.41984	8.29E-04	8.29E-04	5.4E-07	2.6E-07	2.6E-07
384	UCART73	397718.26	3767291.08	397718.26, 3767291.08	0.35155	6.94E-04	6.94E-04	4.6E-07	2.1E-07	2.1E-07
385	UCART74	396558.26	3767331.08	396558.26, 3767331.08	0.20322	4.01E-04	4.01E-04	2.6E-07	1.2E-07	1.2E-07
386	UCART75	396598.26	3767331.08	396598.26, 3767331.08	0.22861	4.51E-04	4.51E-04	3.0E-07	1.4E-07	1.4E-07
387	UCART76	396638.26	3767331.08	396638.26, 3767331.08	0.25615	5.06E-04	5.06E-04	3.3E-07	1.6E-07	1.6E-07
388	UCART77	396678.26	3767331.08	396678.26, 3767331.08	0.29121	5.75E-04	5.75E-04	3.8E-07	1.8E-07	1.8E-07
389	UCART78	396718.26	3767331.08	396718.26, 3767331.08	0.3347	6.61E-04	6.61E-04	4.3E-07	2.0E-07	2.0E-07
390	UCART79	396758.26	3767331.08	396758.26, 3767331.08	0.36825	7.27E-04	7.27E-04	4.8E-07	2.3E-07	2.3E-07
391	UCART80	396798.26	3767331.08	396798.26, 3767331.08	0.40476	7.99E-04	7.99E-04	5.2E-07	2.5E-07	2.5E-07
392	UCART81	396838.26	3767331.08	396838.26, 3767331.08	0.46841	9.25E-04	9.25E-04	6.1E-07	2.9E-07	2.9E-07
393	UCART82	396878.26	3767331.08	396878.26, 3767331.08	0.59483	1.17E-03	1.17E-03	7.7E-07	3.6E-07	3.6E-07
394	UCART83	396918.26	3767331.08	396918.26, 3767331.08	0.68249	1.35E-03	1.35E-03	8.8E-07	4.2E-07	4.2E-07
395	UCART84	396958.26	3767331.08	396958.26, 3767331.08	0.8201	1.62E-03	1.62E-03	1.1E-06	5.0E-07	5.0E-07
396	UCART85	396998.26	3767331.08	396998.26, 3767331.08	1.0773	2.13E-03	2.13E-03	1.4E-06	6.6E-07	6.6E-07
397	UCART86	397038.26	3767331.08	397038.26, 3767331.08	1.78355	3.52E-03	3.52E-03	2.3E-06	1.1E-06	1.1E-06
398	UCART87	397078.26	3767331.08	397078.26, 3767331.08	3.29833	6.51E-03	6.51E-03	4.3E-06	2.0E-06	2.0E-06
399	UCART88	397118.26	3767331.08	397118.26, 3767331.08	4.70045	9.28E-03	9.28E-03	6.1E-06	2.9E-06	2.9E-06
400	UCART89	397158.26	3767331.08	397158.26, 3767331.08	5.93876	1.17E-02	1.17E-02	7.7E-06	3.6E-06	3.6E-06
401	UCART90	397198.26	3767331.08	397198.26, 3767331.08	6.44728	1.27E-02	1.27E-02	8.4E-06	3.9E-06	3.9E-06
402	UCART91	397238.26	3767331.08	397238.26, 3767331.08	6.55521	1.29E-02	1.29E-02	8.5E-06	4.0E-06	4.0E-06
403	UCART92	397278.26	3767331.08	397278.26, 3767331.08	5.89825	1.16E-02	1.16E-02	7.6E-06	3.6E-06	3.6E-06
404	UCART93	397318.26	3767331.08	397318.26, 3767331.08	4.34688	8.58E-03	8.58E-03	5.6E-06	2.7E-06	2.7E-06
405	UCART94	397358.26	3767331.08	397358.26, 3767331.08	3.43035	6.77E-03	6.77E-03	4.4E-06	2.1E-06	2.1E-06
406	UCART95	397398.26	3767331.08	397398.26, 3767331.08	2.76297	5.45E-03	5.45E-03	3.6E-06	1.7E-06	1.7E-06
407	UCART96	397438.26	3767331.08	397438.26, 3767331.08	2.08411	4.11E-03	4.11E-03	2.7E-06	1.3E-06	1.3E-06
408	UCART97	397478.26	3767331.08	397478.26, 3767331.08	1.57705	3.11E-03	3.11E-03	2.0E-06	9.6E-07	9.6E-07
409	UCART98	397518.26	3767331.08	397518.26, 3767331.08	1.22855	2.42E-03	2.42E-03	1.6E-06	7.5E-07	7.5E-07
410	UCART99	397558.26	3767331.08	397558.26, 3767331.08	0.97886	1.93E-03	1.93E-03	1.3E-06	6.0E-07	6.0E-07
411	UCART10	397598.26	3767331.08	397598.26, 3767331.08	0.78378	1.55E-03	1.55E-03	1.0E-06	4.8E-07	4.8E-07
412	UCART10	397638.26	3767331.08	397638.26, 3767331.08	0.63273	1.25E-03	1.25E-03	8.2E-07	3.9E-07	3.9E-07
413	UCART10	397678.26	3767331.08	397678.26, 3767331.08	0.5092	1.01E-03	1.01E-03	6.6E-07	3.1E-07	3.1E-07
414	UCART10	397718.26	3767331.08	397718.26, 3767331.08	0.4181	8.25E-04	8.25E-04	5.4E-07	2.6E-07	2.6E-07
415	UCART10	396558.26	3767371.08	396558.26, 3767371.08	0.19874	3.92E-04	3.92E-04	2.6E-07	1.2E-07	1.2E-07
416	UCART10	396598.26	3767371.08	396598.26, 3767371.08	0.22061	4.35E-04	4.35E-04	2.9E-07	1.3E-07	1.3E-07
417	UCART10	396638.26	3767371.08	396638.26, 3767371.08	0.24751	4.89E-04	4.89E-04	3.2E-07	1.5E-07	1.5E-07
418	UCART10	396678.26	3767371.08	396678.26, 3767371.08	0.28048	5.54E-04	5.54E-04	3.6E-07	1.7E-07	1.7E-07
419	UCART10	396718.26	3767371.08	396718.26, 3767371.08	0.32298	6.37E-04	6.37E-04	4.2E-07	2.0E-07	2.0E-07
420	UCART10	396758.26	3767371.08	396758.26, 3767371.08	0.35816	7.07E-04	7.07E-04	4.6E-07	2.2E-07	2.2E-07
421	UCART11	396798.26	3767371.08	396798.26, 3767371.08	0.38902	7.68E-04	7.68E-04	5.0E-07	2.4E-07	2.4E-07
422	UCART11	396838.26	3767371.08	396838.26, 3767371.08	0.44311	8.75E-04	8.75E-04	5.7E-07	2.7E-07	2.7E-07
423	UCART11	396878.26	3767371.08	396878.26, 3767371.08	0.54584	1.08E-03	1.08E-03	7.1E-07	3.3E-07	3.3E-07
424	UCART11	396918.26	3767371.08	396918.26, 3767371.08	0.62957	1.24E-03	1.24E-03	8.2E-07	3.8E-07	3.8E-07
425	UCART11	396958.26	3767371.08	396958.26, 3767371.08	0.74551	1.47E-03	1.47E-03	9.7E-07	4.6E-07	4.6E-07
426	UCART11	396998.26	3767371.08	396998.26, 3767371.08	0.96512	1.90E-03	1.90E-03	1.3E-06	5.9E-07	5.9E-07
427	UCART11	397038.26	3767371.08	397038.26, 3767371.08	1.41244	2.79E-03	2.79E-03	1.8E-06	8.6E-07	8.6E-07
428	UCART11	397078.26	3767371.08	397078.26, 3767371.08	2.35928	4.66E-03	4.66E-03	3.1E-06	1.4E-06	1.4E-06
429	UCART11	397118.26	3767371.08	397118.26, 3767371.08	3.28667	6.49E-03	6.49E-03	4.3E-06	2.0E-06	2.0E-06
430	UCART11	397158.26	3767371.08	397158.26, 3767371.08	4.28108	8.45E-03	8.45E-03	5.6E-06	2.6E-06	2.6E-06
431	UCART12	397198.26	3767371.08	397198.26, 3767371.08	4.77214	9.42E-03	9.42E-03	6.2E-06	2.9E-06	2.9E-06
432	UCART12	397238.26	3767371.08	397238.26, 3767371.08	4.751	9.38E-03	9.38E-03	6.2E-06	2.9E-06	2.9E-06
433	UCART12	397278.26	3767371.08	397278.26, 3767371.08	4.45102	8.79E-03	8.79E-03	5.8E-06	2.7E-06	2.7E-06
434	UCART12	397318.26	3767371.08	397318.26, 3767371.08	3.99105	7.88E-03	7.88E-03	5.2E-06	2.4E-06	2.4E-06
435	UCART12	397358.26	3767371.08	397358.26, 3767371.08	3.39679	6.70E-03	6.70E-03	4.4E-06	2.1E-06	2.1E-06
436	UCART12	397398.26	3767371.08	397398.26, 3767371.08	2.90862	5.74E-03	5.74E-03	3.8E-06	1.8E-06	1.8E-06
437	UCART12	397438.26	3767371.08	397438.26, 3767371.08	2.30259	4.54E-03	4.54E-03	3.0E-06	1.4E-06	1.4E-06
438	UCART12	397478.26	3767371.08	397478.26, 3767371.08	1.81774	3.59E-03	3.59E-03	2.4E-06	1.1E-06	1.1E-06
439	UCART12	397518.26	3767371.08	397518.26, 3767371.08	1.44216	2.85E-03	2.85E-03	1.9E-06	8.8E-07	8.8E-07
440	UCART12	397558.26	3767371.08	397558.26, 3767371.08	1.16045	2.29E-03	2.29E-03	1.5E-06	7.1E-07	7.1E-07
441	UCART13	397598.26	3767371.08	397598.26, 3767371.08	0.93361	1.84E-03	1.84E-03	1.2E-06	5.7E-07	5.7E-07

442	UCART13	397638.26	3767371.08	397638.26, 3767371.08	0.75711	1.49E-03	1.49E-03	9.8E-07	4.6E-07	4.6E-07
443	UCART13	397678.26	3767371.08	397678.26, 3767371.08	0.61487	1.21E-03	1.21E-03	8.0E-07	3.8E-07	3.8E-07
444	UCART13	397718.26	3767371.08	397718.26, 3767371.08	0.49355	9.74E-04	9.74E-04	6.4E-07	3.0E-07	3.0E-07
445	UCART13	396558.26	3767411.08	396558.26, 3767411.08	0.19292	3.81E-04	3.81E-04	2.5E-07	1.2E-07	1.2E-07
446	UCART13	396598.26	3767411.08	396598.26, 3767411.08	0.21335	4.21E-04	4.21E-04	2.8E-07	1.3E-07	1.3E-07
447	UCART13	396638.26	3767411.08	396638.26, 3767411.08	0.23927	4.72E-04	4.72E-04	3.1E-07	1.5E-07	1.5E-07
448	UCART13	396678.26	3767411.08	396678.26, 3767411.08	0.27194	5.37E-04	5.37E-04	3.5E-07	1.7E-07	1.7E-07
449	UCART13	396718.26	3767411.08	396718.26, 3767411.08	0.31101	6.14E-04	6.14E-04	4.0E-07	1.9E-07	1.9E-07
450	UCART13	396758.26	3767411.08	396758.26, 3767411.08	0.34661	6.84E-04	6.84E-04	4.5E-07	2.1E-07	2.1E-07
451	UCART14	396798.26	3767411.08	396798.26, 3767411.08	0.37334	7.37E-04	7.37E-04	4.8E-07	2.3E-07	2.3E-07
452	UCART14	396838.26	3767411.08	396838.26, 3767411.08	0.42082	8.31E-04	8.31E-04	5.5E-07	2.6E-07	2.6E-07
453	UCART14	396878.26	3767411.08	396878.26, 3767411.08	0.50492	9.97E-04	9.97E-04	6.5E-07	3.1E-07	3.1E-07
454	UCART14	396918.26	3767411.08	396918.26, 3767411.08	0.57403	1.13E-03	1.13E-03	7.4E-07	3.5E-07	3.5E-07
455	UCART14	396958.26	3767411.08	396958.26, 3767411.08	0.67005	1.32E-03	1.32E-03	8.7E-07	4.1E-07	4.1E-07
456	UCART14	396998.26	3767411.08	396998.26, 3767411.08	0.85969	1.70E-03	1.70E-03	1.1E-06	5.3E-07	5.3E-07
457	UCART14	397038.26	3767411.08	397038.26, 3767411.08	1.24886	2.46E-03	2.46E-03	1.6E-06	7.6E-07	7.6E-07
458	UCART14	397078.26	3767411.08	397078.26, 3767411.08	1.88382	3.72E-03	3.72E-03	2.4E-06	1.2E-06	1.2E-06
459	UCART14	397118.26	3767411.08	397118.26, 3767411.08	2.5213	4.98E-03	4.98E-03	3.3E-06	1.5E-06	1.5E-06
460	UCART14	397158.26	3767411.08	397158.26, 3767411.08	3.07628	6.07E-03	6.07E-03	4.0E-06	1.9E-06	1.9E-06
461	UCART15	397198.26	3767411.08	397198.26, 3767411.08	3.46155	6.83E-03	6.83E-03	4.5E-06	2.1E-06	2.1E-06
462	UCART15	397238.26	3767411.08	397238.26, 3767411.08	3.67307	7.25E-03	7.25E-03	4.8E-06	2.2E-06	2.2E-06
463	UCART15	397278.26	3767411.08	397278.26, 3767411.08	3.64948	7.20E-03	7.20E-03	4.7E-06	2.2E-06	2.2E-06
464	UCART15	397318.26	3767411.08	397318.26, 3767411.08	3.43972	6.79E-03	6.79E-03	4.5E-06	2.1E-06	2.1E-06
465	UCART15	397358.26	3767411.08	397358.26, 3767411.08	3.07728	6.07E-03	6.07E-03	4.0E-06	1.9E-06	1.9E-06
466	UCART15	397398.26	3767411.08	397398.26, 3767411.08	2.74365	5.42E-03	5.42E-03	3.6E-06	1.7E-06	1.7E-06
467	UCART15	397438.26	3767411.08	397438.26, 3767411.08	2.33584	4.61E-03	4.61E-03	3.0E-06	1.4E-06	1.4E-06
468	UCART15	397478.26	3767411.08	397478.26, 3767411.08	1.9315	3.81E-03	3.81E-03	2.5E-06	1.2E-06	1.2E-06
469	UCART15	397518.26	3767411.08	397518.26, 3767411.08	1.58207	3.12E-03	3.12E-03	2.1E-06	9.7E-07	9.7E-07
470	UCART15	397558.26	3767411.08	397558.26, 3767411.08	1.29883	2.56E-03	2.56E-03	1.7E-06	7.9E-07	7.9E-07
471	UCART16	397598.26	3767411.08	397598.26, 3767411.08	1.055	2.08E-03	2.08E-03	1.4E-06	6.4E-07	6.4E-07
472	UCART16	397638.26	3767411.08	397638.26, 3767411.08	0.8622	1.70E-03	1.70E-03	1.1E-06	5.3E-07	5.3E-07
473	UCART16	397678.26	3767411.08	397678.26, 3767411.08	0.70879	1.40E-03	1.40E-03	9.2E-07	4.3E-07	4.3E-07
474	UCART16	397718.26	3767411.08	397718.26, 3767411.08	0.57601	1.14E-03	1.14E-03	7.5E-07	3.5E-07	3.5E-07
475	UCART16	396558.26	3767451.08	396558.26, 3767451.08	0.18674	3.69E-04	3.69E-04	2.4E-07	1.1E-07	1.1E-07
476	UCART16	396598.26	3767451.08	396598.26, 3767451.08	0.20671	4.08E-04	4.08E-04	2.7E-07	1.3E-07	1.3E-07
477	UCART16	396638.26	3767451.08	396638.26, 3767451.08	0.2306	4.55E-04	4.55E-04	3.0E-07	1.4E-07	1.4E-07
478	UCART16	396678.26	3767451.08	396678.26, 3767451.08	0.25998	5.13E-04	5.13E-04	3.4E-07	1.6E-07	1.6E-07
479	UCART16	396718.26	3767451.08	396718.26, 3767451.08	0.29314	5.79E-04	5.79E-04	3.8E-07	1.8E-07	1.8E-07
480	UCART16	396758.26	3767451.08	396758.26, 3767451.08	0.3319	6.55E-04	6.55E-04	4.3E-07	2.0E-07	2.0E-07
481	UCART17	396798.26	3767451.08	396798.26, 3767451.08	0.35205	6.95E-04	6.95E-04	4.6E-07	2.2E-07	2.2E-07
482	UCART17	396838.26	3767451.08	396838.26, 3767451.08	0.3992	7.88E-04	7.88E-04	5.2E-07	2.4E-07	2.4E-07
483	UCART17	396878.26	3767451.08	396878.26, 3767451.08	0.46618	9.20E-04	9.20E-04	6.0E-07	2.8E-07	2.8E-07
484	UCART17	396918.26	3767451.08	396918.26, 3767451.08	0.52311	1.03E-03	1.03E-03	6.8E-07	3.2E-07	3.2E-07
485	UCART17	396958.26	3767451.08	396958.26, 3767451.08	0.60306	1.19E-03	1.19E-03	7.8E-07	3.7E-07	3.7E-07
486	UCART17	396998.26	3767451.08	396998.26, 3767451.08	0.74951	1.48E-03	1.48E-03	9.7E-07	4.6E-07	4.6E-07
487	UCART17	397038.26	3767451.08	397038.26, 3767451.08	1.03373	2.04E-03	2.04E-03	1.3E-06	6.3E-07	6.3E-07
488	UCART17	397078.26	3767451.08	397078.26, 3767451.08	1.46765	2.90E-03	2.90E-03	1.9E-06	9.0E-07	9.0E-07
489	UCART17	397118.26	3767451.08	397118.26, 3767451.08	1.96994	3.89E-03	3.89E-03	2.6E-06	1.2E-06	1.2E-06
490	UCART17	397158.26	3767451.08	397158.26, 3767451.08	2.43024	4.80E-03	4.80E-03	3.2E-06	1.5E-06	1.5E-06
491	UCART18	397198.26	3767451.08	397198.26, 3767451.08	2.73845	5.41E-03	5.41E-03	3.6E-06	1.7E-06	1.7E-06
492	UCART18	397238.26	3767451.08	397238.26, 3767451.08	2.93878	5.80E-03	5.80E-03	3.8E-06	1.8E-06	1.8E-06
493	UCART18	397278.26	3767451.08	397278.26, 3767451.08	2.9903	5.90E-03	5.90E-03	3.9E-06	1.8E-06	1.8E-06
494	UCART18	397318.26	3767451.08	397318.26, 3767451.08	2.89817	5.72E-03	5.72E-03	3.8E-06	1.8E-06	1.8E-06
495	UCART18	397358.26	3767451.08	397358.26, 3767451.08	2.7183	5.37E-03	5.37E-03	3.5E-06	1.7E-06	1.7E-06
496	UCART18	397398.26	3767451.08	397398.26, 3767451.08	2.49849	4.93E-03	4.93E-03	3.2E-06	1.5E-06	1.5E-06
497	UCART18	397438.26	3767451.08	397438.26, 3767451.08	2.23416	4.41E-03	4.41E-03	2.9E-06	1.4E-06	1.4E-06
498	UCART18	397478.26	3767451.08	397478.26, 3767451.08	1.92554	3.80E-03	3.80E-03	2.5E-06	1.2E-06	1.2E-06
499	UCART18	397518.26	3767451.08	397518.26, 3767451.08	1.63565	3.23E-03	3.23E-03	2.1E-06	1.0E-06	1.0E-06
500	UCART18	397558.26	3767451.08	397558.26, 3767451.08	1.37438	2.71E-03	2.71E-03	1.8E-06	8.4E-07	8.4E-07
501	UCART19	397598.26	3767451.08	397598.26, 3767451.08	1.13527	2.24E-03	2.24E-03	1.5E-06	6.9E-07	6.9E-07
502	UCART19	397638.26	3767451.08	397638.26, 3767451.08	0.9395	1.85E-03	1.85E-03	1.2E-06	5.7E-07	5.7E-07
503	UCART19	397678.26	3767451.08	397678.26, 3767451.08	0.77927	1.54E-03	1.54E-03	1.0E-06	4.8E-07	4.8E-07
504	UCART19	397718.26	3767451.08	397718.26, 3767451.08	0.64397	1.27E-03	1.27E-03	8.3E-07	3.9E-07	3.9E-07
505	UCART19	396558.26	3767491.08	396558.26, 3767491.08	0.18073	3.57E-04	3.57E-04	2.3E-07	1.1E-07	1.1E-07
506	UCART19	396598.26	3767491.08	396598.26, 3767491.08	0.19905	3.93E-04	3.93E-04	2.6E-07	1.2E-07	1.2E-07
507	UCART19	396638.26	3767491.08	396638.26, 3767491.08	0.22128	4.37E-04	4.37E-04	2.9E-07	1.4E-07	1.4E-07
508	UCART19	396678.26	3767491.08	396678.26, 3767491.08	0.24628	4.86E-04	4.86E-04	3.2E-07	1.5E-07	1.5E-07
509	UCART19	396718.26	3767491.08	396718.26, 3767491.08	0.27356	5.40E-04	5.40E-04	3.5E-07	1.7E-07	1.7E-07
510	UCART19	396758.26	3767491.08	396758.26, 3767491.08	0.30768	6.07E-04	6.07E-04	4.0E-07	1.9E-07	1.9E-07
511	UCART20	396798.26	3767491.08	396798.26, 3767491.08	0.32983	6.51E-04	6.51E-04	4.3E-07	2.0E-07	2.0E-07
512	UCART20	396838.26	3767491.08	396838.26, 3767491.08	0.36829	7.27E-04	7.27E-04	4.8E-07	2.3E-07	2.3E-07
513	UCART20	396878.26	3767491.08	396878.26, 3767491.08	0.4232	8.35E-04	8.35E-04	5.5E-07	2.6E-07	2.6E-07
514	UCART20	396918.26	3767491.08	396918.26, 3767491.08	0.47407	9.36E-04	9.36E-04	6.1E-07	2.9E-07	2.9E-07
515	UCART20	396958.26	3767491.08	396958.26, 3767491.08	0.54375	1.07E-03	1.07E-03	7.0E-07	3.3E-07	3.3E-07
516	UCART20	396998.26	3767491.08	396998.26, 3767491.08	0.6618	1.31E-03	1.31E-03	8.6E-07	4.0E-07	4.0E-07

517	UCART20	397038.26	3767491.08	397038.26, 3767491.08	0.8733	1.72E-03	1.72E-03	1.1E-06	5.3E-07	5.3E-07
518	UCART20	397078.26	3767491.08	397078.26, 3767491.08	1.21296	2.39E-03	2.39E-03	1.6E-06	7.4E-07	7.4E-07
519	UCART20	397118.26	3767491.08	397118.26, 3767491.08	1.58892	3.14E-03	3.14E-03	2.1E-06	9.7E-07	9.7E-07
520	UCART20	397158.26	3767491.08	397158.26, 3767491.08	1.93823	3.83E-03	3.83E-03	2.5E-06	1.2E-06	1.2E-06
521	UCART21	397198.26	3767491.08	397198.26, 3767491.08	2.21503	4.37E-03	4.37E-03	2.9E-06	1.4E-06	1.4E-06
522	UCART21	397238.26	3767491.08	397238.26, 3767491.08	2.39431	4.73E-03	4.73E-03	3.1E-06	1.5E-06	1.5E-06
523	UCART21	397278.26	3767491.08	397278.26, 3767491.08	2.47938	4.89E-03	4.89E-03	3.2E-06	1.5E-06	1.5E-06
524	UCART21	397318.26	3767491.08	397318.26, 3767491.08	2.45671	4.85E-03	4.85E-03	3.2E-06	1.5E-06	1.5E-06
525	UCART21	397358.26	3767491.08	397358.26, 3767491.08	2.35127	4.64E-03	4.64E-03	3.0E-06	1.4E-06	1.4E-06
526	UCART21	397398.26	3767491.08	397398.26, 3767491.08	2.21821	4.38E-03	4.38E-03	2.9E-06	1.4E-06	1.4E-06
527	UCART21	397438.26	3767491.08	397438.26, 3767491.08	2.04896	4.04E-03	4.04E-03	2.7E-06	1.3E-06	1.3E-06
528	UCART21	397478.26	3767491.08	397478.26, 3767491.08	1.83649	3.62E-03	3.62E-03	2.4E-06	1.1E-06	1.1E-06
529	UCART21	397518.26	3767491.08	397518.26, 3767491.08	1.61217	3.18E-03	3.18E-03	2.1E-06	9.9E-07	9.9E-07
530	UCART21	397558.26	3767491.08	397558.26, 3767491.08	1.38566	2.73E-03	2.73E-03	1.8E-06	8.5E-07	8.5E-07
531	UCART22	397598.26	3767491.08	397598.26, 3767491.08	1.1683	2.31E-03	2.31E-03	1.5E-06	7.1E-07	7.1E-07
532	UCART22	397638.26	3767491.08	397638.26, 3767491.08	0.98658	1.95E-03	1.95E-03	1.3E-06	6.0E-07	6.0E-07
533	UCART22	397678.26	3767491.08	397678.26, 3767491.08	0.82602	1.63E-03	1.63E-03	1.1E-06	5.0E-07	5.0E-07
534	UCART22	397718.26	3767491.08	397718.26, 3767491.08	0.69116	1.36E-03	1.36E-03	9.0E-07	4.2E-07	4.2E-07
535	UCART22	396558.26	3767531.08	396558.26, 3767531.08	0.17522	3.46E-04	3.46E-04	2.3E-07	1.1E-07	1.1E-07
536	UCART22	396598.26	3767531.08	396598.26, 3767531.08	0.19277	3.80E-04	3.80E-04	2.5E-07	1.2E-07	1.2E-07
537	UCART22	396638.26	3767531.08	396638.26, 3767531.08	0.21488	4.24E-04	4.24E-04	2.8E-07	1.3E-07	1.3E-07
538	UCART22	396678.26	3767531.08	396678.26, 3767531.08	0.23894	4.72E-04	4.72E-04	3.1E-07	1.5E-07	1.5E-07
539	UCART22	396718.26	3767531.08	396718.26, 3767531.08	0.25966	5.13E-04	5.13E-04	3.4E-07	1.6E-07	1.6E-07
540	UCART22	396758.26	3767531.08	396758.26, 3767531.08	0.29144	5.75E-04	5.75E-04	3.8E-07	1.8E-07	1.8E-07
541	UCART23	396798.26	3767531.08	396798.26, 3767531.08	0.30914	6.10E-04	6.10E-04	4.0E-07	1.9E-07	1.9E-07
542	UCART23	396838.26	3767531.08	396838.26, 3767531.08	0.34442	6.80E-04	6.80E-04	4.5E-07	2.1E-07	2.1E-07
543	UCART23	396878.26	3767531.08	396878.26, 3767531.08	0.39148	7.73E-04	7.73E-04	5.1E-07	2.4E-07	2.4E-07
544	UCART23	396918.26	3767531.08	396918.26, 3767531.08	0.43453	8.58E-04	8.58E-04	5.6E-07	2.7E-07	2.7E-07
545	UCART23	396958.26	3767531.08	396958.26, 3767531.08	0.49498	9.77E-04	9.77E-04	6.4E-07	3.0E-07	3.0E-07
546	UCART23	396998.26	3767531.08	396998.26, 3767531.08	0.59392	1.17E-03	1.17E-03	7.7E-07	3.6E-07	3.6E-07
547	UCART23	397038.26	3767531.08	397038.26, 3767531.08	0.77049	1.52E-03	1.52E-03	1.0E-06	4.7E-07	4.7E-07
548	UCART23	397078.26	3767531.08	397078.26, 3767531.08	1.01865	2.01E-03	2.01E-03	1.3E-06	6.2E-07	6.2E-07
549	UCART23	397118.26	3767531.08	397118.26, 3767531.08	1.31628	2.60E-03	2.60E-03	1.7E-06	8.0E-07	8.0E-07
550	UCART23	397158.26	3767531.08	397158.26, 3767531.08	1.62682	3.21E-03	3.21E-03	2.1E-06	9.9E-07	9.9E-07
551	UCART24	397198.26	3767531.08	397198.26, 3767531.08	1.85815	3.67E-03	3.67E-03	2.4E-06	1.1E-06	1.1E-06
552	UCART24	397238.26	3767531.08	397238.26, 3767531.08	2.01415	3.98E-03	3.98E-03	2.6E-06	1.2E-06	1.2E-06
553	UCART24	397278.26	3767531.08	397278.26, 3767531.08	2.09336	4.13E-03	4.13E-03	2.7E-06	1.3E-06	1.3E-06
554	UCART24	397318.26	3767531.08	397318.26, 3767531.08	2.10485	4.15E-03	4.15E-03	2.7E-06	1.3E-06	1.3E-06
555	UCART24	397358.26	3767531.08	397358.26, 3767531.08	2.04813	4.04E-03	4.04E-03	2.7E-06	1.3E-06	1.3E-06
556	UCART24	397398.26	3767531.08	397398.26, 3767531.08	1.94555	3.84E-03	3.84E-03	2.5E-06	1.2E-06	1.2E-06
557	UCART24	397438.26	3767531.08	397438.26, 3767531.08	1.86584	3.68E-03	3.68E-03	2.4E-06	1.1E-06	1.1E-06
558	UCART24	397478.26	3767531.08	397478.26, 3767531.08	1.72194	3.40E-03	3.40E-03	2.2E-06	1.1E-06	1.1E-06
559	UCART24	397518.26	3767531.08	397518.26, 3767531.08	1.53801	3.04E-03	3.04E-03	2.0E-06	9.4E-07	9.4E-07
560	UCART24	397558.26	3767531.08	397558.26, 3767531.08	1.34967	2.66E-03	2.66E-03	1.7E-06	8.2E-07	8.2E-07
561	UCART25	397598.26	3767531.08	397598.26, 3767531.08	1.16088	2.29E-03	2.29E-03	1.5E-06	7.1E-07	7.1E-07
562	UCART25	397638.26	3767531.08	397638.26, 3767531.08	0.99835	1.97E-03	1.97E-03	1.3E-06	6.1E-07	6.1E-07
563	UCART25	397678.26	3767531.08	397678.26, 3767531.08	0.85294	1.68E-03	1.68E-03	1.1E-06	5.2E-07	5.2E-07
564	UCART25	397718.26	3767531.08	397718.26, 3767531.08	0.72443	1.43E-03	1.43E-03	9.4E-07	4.4E-07	4.4E-07
565	UCART25	397320.82	3767219.11	397320.82, 3767219.11	3.93122	7.76E-03	7.76E-03	5.1E-06	2.4E-06	2.4E-06
566	UCART25	397330.82	3767209.11	397330.82, 3767209.11	3.48995	6.89E-03	6.89E-03	4.5E-06	2.1E-06	2.1E-06
567	UCART25	397340.82	3767189.11	397340.82, 3767189.11	2.55506	5.04E-03	5.04E-03	3.3E-06	1.6E-06	1.6E-06
568	UCART25	397340.82	3767199.11	397340.82, 3767199.11	2.87609	5.68E-03	5.68E-03	3.7E-06	1.8E-06	1.8E-06
569	UCART25	397340.82	3767209.11	397340.82, 3767209.11	3.22001	6.36E-03	6.36E-03	4.2E-06	2.0E-06	2.0E-06
570	UCART25	397350.82	3767189.11	397350.82, 3767189.11	2.24219	4.43E-03	4.43E-03	2.9E-06	1.4E-06	1.4E-06
571	UCART26	397350.82	3767199.11	397350.82, 3767199.11	2.48763	4.91E-03	4.91E-03	3.2E-06	1.5E-06	1.5E-06
572	UCART26	397360.82	3767189.11	397360.82, 3767189.11	1.74557	3.45E-03	3.45E-03	2.3E-06	1.1E-06	1.1E-06
573	UCART26	397360.82	3767199.11	397360.82, 3767199.11	1.92279	3.80E-03	3.80E-03	2.5E-06	1.2E-06	1.2E-06
574	UCART26	397370.82	3767189.11	397370.82, 3767189.11	1.33031	2.63E-03	2.63E-03	1.7E-06	8.1E-07	8.1E-07
575	UCART26	397380.82	3767189.11	397380.82, 3767189.11	1.09269	2.16E-03	2.16E-03	1.4E-06	6.7E-07	6.7E-07
576	UCART26	396934.73	3767169.52	396934.73, 3767169.52	1.31978	2.60E-03	2.60E-03	1.7E-06	8.1E-07	8.1E-07
577	UCART26	397014.53	3767229.6	397014.53, 3767229.6	1.70843	3.37E-03	3.37E-03	2.2E-06	1.0E-06	1.0E-06
578	UCART26	397044.1	3767223.97	397044.1, 3767223.97	2.70418	5.34E-03	5.34E-03	3.5E-06	1.7E-06	1.7E-06
579	UCART26	397113.57	3767239.93	397113.57, 3767239.93	8.78454	1.73E-02	1.73E-02	1.1E-05	5.4E-06	5.4E-06
580	UCART26	397158.63	3767280.29	397158.63, 3767280.29	8.99881	1.78E-02	1.78E-02	1.2E-05	5.5E-06	5.5E-06
581	UCART27	397168.95	3767307.05	397168.95, 3767307.05	6.59628	1.30E-02	1.30E-02	8.6E-06	4.0E-06	4.0E-06
582	UCART27	397244.05	3767296.72	397244.05, 3767296.72	7.79967	1.54E-02	1.54E-02	1.0E-05	4.8E-06	4.8E-06
583	UCART27	397260.95	3767278.88	397260.95, 3767278.88	6.84492	1.35E-02	1.35E-02	8.9E-06	4.2E-06	4.2E-06
584	UCART27	397409.74	3767205.66	397409.74, 3767205.66	0.98343	1.94E-03	1.94E-03	1.3E-06	6.0E-07	6.0E-07
585	UCART27	397422.89	3767189.23	397422.89, 3767189.23	0.79025	1.56E-03	1.56E-03	1.0E-06	4.8E-07	4.8E-07
586	UCART27	397426.64	3767180.78	397426.64, 3767180.78	0.73406	1.45E-03	1.45E-03	9.5E-07	4.5E-07	4.5E-07
587	UCART27	397420.54	3767170.46	397420.54, 3767170.46	0.71731	1.42E-03	1.42E-03	9.3E-07	4.4E-07	4.4E-07
588	UCART27	397318.68	3767160.13	397318.68, 3767160.13	1.96003	3.87E-03	3.87E-03	2.5E-06	1.2E-06	1.2E-06
589	UCART27	397022.98	3767083.62	397022.98, 3767083.62	5.74259	1.13E-02	1.13E-02	7.4E-06	3.5E-06	3.5E-06

Emergency Backup Generator Emissions

UNMITIGATED

	Fuel Type	Quantity	HP	LF	Hours/Year per Unit	Hours per Day	HP-hr per day	Total hp-hr per year
QSK78	Diesel	24	3,705	0.7	50	13	48,165	3,112,200

Emissions Rates (g/hp-hr)

	HC	ROG	TOG	CO	NO_X	CO_2	PM_{10}	$PM_{2.5}$	PM	SO_X	CH_4
QSK78	0.140	1.020	1.120	2.600	0.500	521.640	0.020	0.020	0.020	0.005	0.021

Emissions factors for tier 4 engines : https://dieselnet.com/standards/us/nonroad.php

Criteria Pollutant Emissions (pounds/day)

	HC	ROG	TOG	CO	NO_X	CO_2	PM_{10}	$PM_{2.5}$	PM	SO_X	CH_4
Total	14.87	108.31	118.93	276.08	53.09	55390.69	2.12	2.12	2.12	0.52	2.23

Health Risk Emissions (tons/year)

	HC	ROG	TOG	CO	NO_X	CO_2	PM_{10}	$PM_{2.5}$	PM	SO_X	CH_4
Total	0.48	3.50	3.84	8.92	1.72	1,789.54	0.0686	0.0686	0.07	0.02	0.07

	PM_{10} Grams/yr	PM_{10} g/s
AERMOD Modeling Emissions	62,244.00	1.97E-03

GHG Emissions (metric tons)	CO_2	CH_4	CO_2e
	1623.45	0.07	1,625.08

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**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 9/22/2025
** File: C:\Lakes\AERMOD View\Saturn\Saturn_CR_20ft\Saturn_CR_20ft.ADI
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** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Saturn Data Center_Cons\Saturn Data Center_Cons
   MODELOPT CONC
   AVERTIME 1 PERIOD
   URBANOPT 9830000 Los_Angeles
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL Saturn_CR_20ft.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION EG01         POINT      397047.306  3767179.215      112.471
** DESCRSRC EG01
   LOCATION EG02         POINT      397058.994  3767182.562      112.471
** DESCRSRC EG02
   LOCATION EG03         POINT      397065.817  3767183.756      112.471
** DESCRSRC EG03
   LOCATION EG04         POINT      397077.261  3767187.083      112.471
** DESCRSRC EG04
   LOCATION EG05         POINT      397083.355  3767188.485      112.471
** DESCRSRC EG05
   LOCATION EG06         POINT      397095.396  3767191.888      112.471
** DESCRSRC EG06
   LOCATION EG07         POINT      397101.071  3767193.568      112.471
** DESCRSRC EG07
   LOCATION EG08         POINT      397112.728  3767196.954      112.471
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** DESCRSRC EG08
   LOCATION EG09         POINT      397117.682  3767198.038      112.471
** DESCRSRC EG09
   LOCATION EG10         POINT      397130.989  3767201.046      112.471
** DESCRSRC EG10
   LOCATION EG11         POINT      397137.409  3767203.301      112.471
** DESCRSRC EG11
   LOCATION EG12         POINT      397148.441  3767206.617      112.471
** DESCRSRC EG12
   LOCATION EG13         POINT      397154.731  3767208.051      112.471
** DESCRSRC EG13
   LOCATION EG14         POINT      397166.615  3767211.117      112.471
** DESCRSRC EG14
   LOCATION EG15         POINT      397172.700  3767212.670      112.471
** DESCRSRC EG15
   LOCATION EG16         POINT      397184.130  3767216.150      112.471
** DESCRSRC EG16
   LOCATION EG17         POINT      397190.740  3767217.240      112.471
** DESCRSRC EG17
   LOCATION EG18         POINT      397202.170  3767220.970      112.471
** DESCRSRC EG18
   LOCATION EG19         POINT      397208.300  3767222.530      112.471
** DESCRSRC EG19
   LOCATION EG20         POINT      397220.080  3767225.660      112.471
** DESCRSRC EG20
   LOCATION EG21         POINT      397225.980  3767227.340      112.471
** DESCRSRC EG21
   LOCATION EG22         POINT      397237.640  3767229.990      112.471
** DESCRSRC EG22
   LOCATION EG23         POINT      397244.020  3767232.150      112.471
** DESCRSRC EG23
   LOCATION EG24         POINT      397256.040  3767235.040      112.471
** DESCRSRC EG24
** Source Parameters **
   SRCPARAM EG01           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG02           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG03           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG04           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG05           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG06           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG07           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG08           0.0417    14.326   756.483 32.6741244228888      0.61
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   SRCPARAM EG09           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG10           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG11           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG12           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG13           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG14           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG15           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG16           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG17           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG18           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG19           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG20           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG21           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG22           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG23           0.0417    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG24           0.0417    14.326   756.483 32.6741244228888      0.61


** Building Downwash **
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG03           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG03           12.80    12.80    12.80    12.80    12.80    12.80
```

BUILDHGT EG03	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG03	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG03	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG03	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG21	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG21	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG21	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG21	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG21	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG21	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG22	284.00	270.01	247.81	218.08	181.73	139.85

BUILDWID EG22	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG22	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG22	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG22	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG22	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG23	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG23	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG23	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG23	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG23	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG23	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDLEN EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81

BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG11	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG11	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG12	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG12	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG12	218.08	181.73	139.85	93.73	103.87	148.81

BUILDLEN EG12	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG12	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG12	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG13	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG13	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG13	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG13	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG13	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG13	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG14	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG14	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG14	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG14	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG14	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG14	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG15	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG15	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG15	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG15	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG15	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG15	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG16	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG16	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG16	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG16	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG16	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG16	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG17	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG17	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG17	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG17	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG17	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG17	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG18	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG18	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG18	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG18	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG18	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG18	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG19	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG19	189.23	223.90	251.77	271.99	283.95	287.27

BUILDLEN	EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87
XBADJ	EG02	-90.87	-89.77	-85.94	-79.50	-70.65	-59.65
XBADJ	EG02	-46.83	-41.50	-39.68	-36.65	-32.51	-27.38
XBADJ	EG02	-21.42	-14.81	-7.75	-0.45	-19.03	-59.60
XBADJ	EG02	-98.36	-134.13	-165.83	-192.49	-213.30	-227.63
XBADJ	EG02	-235.04	-244.44	-249.69	-247.35	-237.50	-220.43

XBADJ	EG02	-196.66	-166.92	-132.10	-93.27	-84.84	-89.21
XBADJ	EG03	-93.24	-93.23	-90.40	-84.81	-76.65	-66.16
XBADJ	EG03	-53.66	-48.44	-46.51	-43.17	-38.52	-32.70
XBADJ	EG03	-25.88	-18.28	-10.13	-1.66	-19.03	-58.40
XBADJ	EG03	-95.99	-130.67	-161.38	-187.18	-207.29	-221.11
XBADJ	EG03	-228.21	-237.51	-242.86	-240.83	-231.49	-215.11
XBADJ	EG03	-192.20	-163.45	-129.73	-92.07	-84.83	-90.41
XBADJ	EG04	-98.49	-100.27	-98.99	-94.71	-87.55	-77.73
XBADJ	EG04	-65.55	-60.28	-57.95	-53.86	-48.13	-40.95
XBADJ	EG04	-32.51	-23.09	-12.97	-2.45	-17.75	-55.08
XBADJ	EG04	-90.74	-123.64	-152.78	-177.28	-196.40	-209.54
XBADJ	EG04	-216.32	-225.66	-231.42	-230.14	-221.88	-206.87
XBADJ	EG04	-185.57	-158.64	-126.88	-91.27	-86.12	-93.73
XBADJ	EG05	-100.93	-103.67	-103.25	-99.70	-93.12	-83.70
XBADJ	EG05	-71.75	-66.52	-64.04	-59.61	-53.38	-45.52
XBADJ	EG05	-36.28	-25.94	-14.80	-3.22	-17.43	-53.68
XBADJ	EG05	-88.30	-120.24	-148.52	-172.29	-190.83	-203.57
XBADJ	EG05	-210.12	-219.42	-225.33	-224.39	-216.63	-202.29
XBADJ	EG05	-181.80	-155.79	-125.05	-90.50	-86.44	-95.13
XBADJ	EG06	-106.38	-110.99	-112.23	-110.06	-104.54	-95.84
XBADJ	EG06	-84.24	-78.98	-76.09	-70.89	-63.54	-54.25
XBADJ	EG06	-43.32	-31.07	-17.88	-4.14	-16.16	-50.27
XBADJ	EG06	-82.85	-112.91	-139.55	-161.94	-179.41	-191.43
XBADJ	EG06	-197.63	-206.96	-213.28	-213.12	-206.47	-193.56
XBADJ	EG06	-174.77	-150.66	-121.98	-89.59	-87.70	-98.54
XBADJ	EG07	-109.02	-114.51	-116.52	-114.99	-109.96	-101.60
XBADJ	EG07	-90.14	-84.85	-81.76	-76.18	-68.29	-58.32
XBADJ	EG07	-46.58	-33.43	-19.26	-4.50	-15.49	-48.59
XBADJ	EG07	-80.21	-109.40	-135.26	-157.01	-173.99	-185.68
XBADJ	EG07	-191.73	-201.09	-207.61	-207.82	-201.72	-189.49
XBADJ	EG07	-171.50	-148.30	-120.60	-89.23	-88.37	-100.22
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73
XBADJ	EG08	-53.34	-38.33	-22.16	-5.31	-14.19	-45.21
XBADJ	EG08	-74.86	-102.23	-126.50	-146.92	-162.88	-173.89
XBADJ	EG08	-179.62	-189.02	-195.95	-196.93	-191.92	-181.08
XBADJ	EG08	-164.74	-143.40	-117.69	-88.42	-89.68	-103.60
XBADJ	EG09	-116.31	-124.39	-128.69	-129.09	-125.56	-118.21
XBADJ	EG09	-107.28	-101.99	-98.37	-91.76	-82.37	-70.47
XBADJ	EG09	-56.43	-40.68	-23.69	-5.98	-13.97	-44.12
XBADJ	EG09	-72.92	-99.51	-123.08	-142.90	-158.39	-169.06
XBADJ	EG09	-174.59	-183.96	-191.00	-192.24	-187.64	-177.34
XBADJ	EG09	-161.65	-141.05	-116.16	-87.75	-89.89	-104.69

XBADJ	EG10	-121.58	-131.77	-137.96	-139.95	-137.69	-131.25
XBADJ	EG10	-120.82	-115.62	-111.68	-104.35	-93.85	-80.49
XBADJ	EG10	-64.69	-46.93	-27.74	-7.70	-13.32	-41.11
XBADJ	EG10	-67.65	-92.13	-113.82	-132.04	-146.26	-156.03
XBADJ	EG10	-161.06	-170.32	-177.69	-179.66	-176.16	-167.32
XBADJ	EG10	-153.39	-134.80	-112.11	-86.02	-90.54	-107.70
XBADJ	EG11	-124.91	-136.08	-143.11	-145.80	-144.05	-137.93
XBADJ	EG11	-127.62	-122.33	-118.10	-110.28	-99.11	-84.93
XBADJ	EG11	-68.17	-49.33	-29.00	-7.79	-12.22	-38.86
XBADJ	EG11	-64.32	-87.82	-108.66	-126.19	-139.89	-149.34
XBADJ	EG11	-154.25	-163.61	-171.27	-173.72	-170.90	-162.88
XBADJ	EG11	-149.92	-132.40	-110.85	-85.94	-91.65	-109.95
XBADJ	EG12	-130.10	-142.97	-151.50	-155.43	-154.64	-149.14
XBADJ	EG12	-139.12	-133.77	-129.13	-120.57	-108.34	-92.82
XBADJ	EG12	-74.48	-53.88	-31.64	-8.44	-10.87	-35.54
XBADJ	EG12	-59.13	-80.93	-100.27	-116.56	-129.31	-138.13
XBADJ	EG12	-142.75	-152.17	-160.24	-163.44	-161.67	-154.99
XBADJ	EG12	-143.60	-127.85	-108.21	-85.29	-93.00	-113.27
XBADJ	EG13	-132.60	-146.47	-155.89	-160.57	-160.38	-155.31
XBADJ	EG13	-145.52	-140.21	-135.42	-126.51	-113.76	-97.55
XBADJ	EG13	-78.38	-56.83	-33.55	-9.25	-10.55	-34.11
XBADJ	EG13	-56.63	-77.44	-95.89	-111.42	-123.57	-131.97
XBADJ	EG13	-136.35	-145.73	-153.95	-157.49	-156.25	-150.26
XBADJ	EG13	-139.70	-124.90	-106.31	-84.48	-93.32	-114.70
XBADJ	EG14	-137.69	-153.42	-164.49	-170.57	-171.46	-167.14
XBADJ	EG14	-157.74	-152.46	-147.31	-137.69	-123.88	-106.31
XBADJ	EG14	-85.51	-62.12	-36.83	-10.43	-9.59	-31.04
XBADJ	EG14	-51.55	-70.48	-87.28	-101.43	-112.49	-120.14
XBADJ	EG14	-124.13	-133.49	-142.06	-146.32	-146.13	-141.50
XBADJ	EG14	-132.57	-119.61	-103.02	-83.30	-94.27	-117.77
XBADJ	EG15	-140.27	-156.96	-168.87	-175.66	-177.11	-173.18
XBADJ	EG15	-163.98	-158.71	-153.39	-143.41	-129.07	-110.80
XBADJ	EG15	-89.18	-64.84	-38.53	-11.05	-9.12	-29.49
XBADJ	EG15	-48.96	-66.95	-82.90	-96.33	-106.84	-114.10
XBADJ	EG15	-117.89	-127.23	-135.98	-140.60	-140.94	-137.01
XBADJ	EG15	-128.91	-116.89	-101.32	-82.68	-94.75	-119.32
XBADJ	EG16	-145.68	-164.14	-177.60	-185.67	-188.10	-184.82
XBADJ	EG16	-175.92	-170.57	-164.82	-154.06	-138.62	-118.96
XBADJ	EG16	-95.69	-69.52	-41.23	-11.69	-7.68	-26.01
XBADJ	EG16	-43.55	-59.77	-74.17	-86.32	-95.84	-102.46
XBADJ	EG16	-105.96	-115.37	-124.55	-129.95	-131.39	-128.85
XBADJ	EG16	-122.39	-112.21	-98.62	-82.04	-96.19	-122.80

XBADJ	EG17	-147.90	-167.42	-181.85	-190.76	-193.87	-191.09
XBADJ	EG17	-182.50	-177.27	-171.43	-160.38	-144.46	-124.14
XBADJ	EG17	-100.06	-72.93	-43.59	-12.93	-7.75	-24.92
XBADJ	EG17	-41.33	-56.48	-69.92	-81.23	-90.08	-96.19
XBADJ	EG17	-99.37	-108.67	-117.94	-123.63	-125.55	-123.67
XBADJ	EG17	-118.03	-108.80	-96.26	-80.80	-96.11	-123.89
XBADJ	EG18	-153.56	-174.83	-190.80	-200.96	-205.02	-202.85
XBADJ	EG18	-194.52	-189.18	-182.86	-170.99	-153.92	-132.18
XBADJ	EG18	-106.42	-77.42	-46.08	-13.33	-6.06	-21.19
XBADJ	EG18	-35.67	-49.07	-60.98	-71.03	-78.93	-84.42
XBADJ	EG18	-87.36	-96.77	-106.51	-113.02	-116.09	-115.64
XBADJ	EG18	-111.67	-104.31	-93.78	-80.40	-97.80	-127.62
XBADJ	EG19	-156.16	-178.40	-195.21	-206.10	-210.72	-208.94
XBADJ	EG19	-200.81	-195.48	-188.99	-176.75	-159.15	-136.71
XBADJ	EG19	-110.11	-80.17	-47.79	-13.96	-5.59	-19.63
XBADJ	EG19	-33.07	-45.51	-56.56	-65.89	-73.23	-78.33
XBADJ	EG19	-81.06	-90.46	-100.38	-107.25	-110.86	-111.11
XBADJ	EG19	-107.97	-101.56	-92.06	-79.77	-98.27	-129.18
XBADJ	EG20	-161.29	-185.37	-203.81	-216.07	-221.76	-220.71
XBADJ	EG20	-212.95	-207.63	-200.77	-187.81	-169.15	-145.34
XBADJ	EG20	-117.12	-85.34	-50.97	-15.05	-4.56	-16.50
XBADJ	EG20	-27.94	-38.54	-47.96	-55.93	-62.19	-66.57
XBADJ	EG20	-68.92	-78.31	-88.60	-96.19	-100.86	-102.47
XBADJ	EG20	-100.96	-96.39	-88.88	-78.68	-99.31	-132.31
XBADJ	EG21	-163.97	-188.96	-208.22	-221.15	-227.36	-226.66
XBADJ	EG21	-219.07	-213.73	-206.67	-193.33	-174.12	-149.61
XBADJ	EG21	-120.56	-87.85	-52.46	-15.49	-3.93	-14.82
XBADJ	EG21	-25.26	-34.94	-43.55	-50.85	-56.59	-60.62
XBADJ	EG21	-62.80	-72.21	-82.70	-90.67	-95.89	-98.20
XBADJ	EG21	-97.52	-93.88	-87.39	-78.24	-99.94	-133.99
XBADJ	EG22	-168.60	-195.44	-216.34	-230.67	-237.99	-238.08
XBADJ	EG22	-230.93	-225.67	-218.33	-204.35	-184.17	-158.38
XBADJ	EG22	-127.79	-93.31	-56.00	-16.99	-3.34	-12.17
XBADJ	EG22	-20.63	-28.46	-35.43	-41.32	-45.96	-49.20
XBADJ	EG22	-50.94	-60.27	-71.04	-79.65	-85.84	-89.43
XBADJ	EG22	-90.29	-88.42	-83.85	-76.74	-100.53	-136.64
XBADJ	EG23	-171.84	-199.65	-221.40	-236.43	-244.27	-244.68
XBADJ	EG23	-237.67	-232.33	-224.71	-210.26	-189.42	-162.83
XBADJ	EG23	-131.29	-95.76	-57.32	-17.14	-2.32	-10.01
XBADJ	EG23	-17.39	-24.25	-30.37	-35.57	-39.68	-42.59
XBADJ	EG23	-44.21	-53.61	-64.66	-73.74	-80.59	-84.98
XBADJ	EG23	-86.79	-85.97	-82.53	-76.59	-101.55	-138.80
XBADJ	EG24	-176.77	-206.48	-229.92	-246.37	-255.33	-256.54

XBADJ	EG24	-249.95	-244.67	-236.73	-221.60	-199.73	-171.79
XBADJ	EG24	-138.64	-101.27	-60.83	-18.53	-1.56	-7.12
XBADJ	EG24	-12.46	-17.42	-21.86	-25.62	-28.62	-30.74
XBADJ	EG24	-31.92	-41.27	-52.64	-62.41	-70.28	-76.02
XBADJ	EG24	-79.44	-80.46	-79.03	-75.19	-102.30	-141.69
YBADJ	EG01	-116.27	-112.33	-104.97	-94.42	-81.00	-65.12
YBADJ	EG01	-47.27	-31.64	-11.46	9.06	29.31	48.68
YBADJ	EG01	66.56	82.42	95.77	106.22	113.55	116.69
YBADJ	EG01	116.27	112.33	104.97	94.42	81.00	65.12
YBADJ	EG01	47.27	31.64	11.46	-9.06	-29.31	-48.68
YBADJ	EG01	-66.56	-82.42	-95.77	-106.22	-113.55	-116.69
YBADJ	EG02	-105.35	-102.49	-96.52	-87.62	-76.05	-62.18
YBADJ	EG02	-46.41	-32.91	-14.80	3.75	22.18	39.94
YBADJ	EG02	56.49	71.32	83.99	94.10	101.47	105.01
YBADJ	EG02	105.35	102.49	96.52	87.62	76.05	62.18
YBADJ	EG02	46.41	32.91	14.80	-3.75	-22.18	-39.94
YBADJ	EG02	-56.49	-71.32	-83.99	-94.10	-101.47	-105.01
YBADJ	EG03	-98.83	-96.49	-91.21	-83.16	-72.58	-59.80
YBADJ	EG03	-45.20	-32.90	-16.00	1.38	18.72	35.49
YBADJ	EG03	51.18	65.32	77.47	87.27	94.54	98.18
YBADJ	EG03	98.83	96.49	91.21	83.16	72.58	59.80
YBADJ	EG03	45.20	32.90	16.00	-1.38	-18.72	-35.49
YBADJ	EG03	-51.18	-65.32	-77.47	-87.27	-94.54	-98.18
YBADJ	EG04	-88.14	-86.87	-82.96	-76.53	-67.77	-56.96
YBADJ	EG04	-44.41	-34.18	-19.32	-3.88	11.69	26.89
YBADJ	EG04	41.29	54.42	65.91	75.39	82.69	86.74
YBADJ	EG04	88.14	86.87	82.96	76.53	67.77	56.96
YBADJ	EG04	44.41	34.18	19.32	3.88	-11.69	-26.89
YBADJ	EG04	-41.29	-54.42	-65.91	-75.39	-82.69	-86.74
YBADJ	EG05	-82.39	-81.63	-78.39	-72.76	-64.93	-55.12
YBADJ	EG05	-43.64	-34.51	-20.72	-6.32	8.29	22.64
YBADJ	EG05	36.30	48.86	59.93	69.19	76.45	80.65
YBADJ	EG05	82.39	81.63	78.39	72.76	64.93	55.12
YBADJ	EG05	43.64	34.51	20.72	6.32	-8.29	-22.64
YBADJ	EG05	-36.30	-48.86	-59.93	-69.19	-76.45	-80.65
YBADJ	EG06	-71.11	-71.47	-69.66	-65.72	-59.80	-52.05
YBADJ	EG06	-42.72	-35.77	-24.13	-11.77	0.96	13.66
YBADJ	EG06	25.94	37.44	47.79	56.70	63.99	68.60
YBADJ	EG06	71.11	71.47	69.66	65.72	59.80	52.05
YBADJ	EG06	42.72	35.77	24.13	11.77	-0.96	-13.66
YBADJ	EG06	-25.94	-37.44	-47.79	-56.70	-63.99	-68.60
YBADJ	EG07	-65.82	-66.72	-65.58	-62.46	-57.44	-50.67
YBADJ	EG07	-42.36	-36.44	-25.81	-14.40	-2.56	9.37

YBADJ	EG07	21.01	32.01	42.04	50.79	58.12	62.93
YBADJ	EG07	65.82	66.72	65.58	62.46	57.44	50.67
YBADJ	EG07	42.36	36.44	25.81	14.40	2.56	-9.37
YBADJ	EG07	-21.01	-32.01	-42.04	-50.79	-58.12	-62.93
YBADJ	EG08	-54.92	-56.92	-57.18	-55.70	-52.53	-47.77
YBADJ	EG08	-41.55	-37.74	-29.19	-19.76	-9.72	0.61
YBADJ	EG08	10.93	20.91	30.25	38.68	46.05	51.27
YBADJ	EG08	54.92	56.92	57.18	55.70	52.53	47.77
YBADJ	EG08	41.55	37.74	29.19	19.76	9.72	-0.61
YBADJ	EG08	-10.93	-20.91	-30.25	-38.68	-46.05	-51.27
YBADJ	EG09	-50.24	-52.64	-53.43	-52.61	-50.19	-46.24
YBADJ	EG09	-40.88	-37.96	-30.28	-21.69	-12.44	-2.81
YBADJ	EG09	6.91	16.41	25.42	33.66	40.98	46.32
YBADJ	EG09	50.24	52.64	53.43	52.61	50.19	46.24
YBADJ	EG09	40.88	37.96	30.28	21.69	12.44	2.81
YBADJ	EG09	-6.91	-16.41	-25.42	-33.66	-40.98	-46.32
YBADJ	EG10	-37.65	-41.16	-43.41	-44.35	-43.94	-42.19
YBADJ	EG10	-39.16	-38.61	-33.29	-26.97	-19.82	-12.07
YBADJ	EG10	-3.95	4.28	12.39	20.12	27.35	33.01
YBADJ	EG10	37.65	41.16	43.41	44.35	43.94	42.19
YBADJ	EG10	39.16	38.61	33.29	26.97	19.82	12.07
YBADJ	EG10	3.95	-4.28	-12.39	-20.12	-27.35	-33.01
YBADJ	EG11	-31.72	-35.90	-38.98	-40.88	-41.53	-40.93
YBADJ	EG11	-39.08	-39.71	-35.54	-30.30	-24.13	-17.23
YBADJ	EG11	-9.80	-2.08	5.71	13.32	20.64	26.59
YBADJ	EG11	31.72	35.90	38.98	40.88	41.53	40.93
YBADJ	EG11	39.08	39.71	35.54	30.30	24.13	17.23
YBADJ	EG11	9.80	2.08	-5.71	-13.32	-20.64	-26.59
YBADJ	EG12	-21.44	-26.67	-31.09	-34.56	-36.99	-38.29
YBADJ	EG12	-38.43	-41.07	-38.86	-35.48	-31.02	-25.62
YBADJ	EG12	-19.44	-12.66	-5.51	1.82	9.20	15.56
YBADJ	EG12	21.44	26.67	31.09	34.56	36.99	38.29
YBADJ	EG12	38.43	41.07	38.86	35.48	31.02	25.62
YBADJ	EG12	19.44	12.66	5.51	-1.82	-9.20	-15.56
YBADJ	EG13	-15.49	-21.24	-26.35	-30.66	-34.04	-36.38
YBADJ	EG13	-37.62	-41.38	-40.29	-37.98	-34.52	-30.00
YBADJ	EG13	-24.57	-18.40	-11.67	-4.58	2.76	9.27
YBADJ	EG13	15.49	21.24	26.35	30.66	34.04	36.38
YBADJ	EG13	37.62	41.38	40.29	37.98	34.52	30.00
YBADJ	EG13	24.57	18.40	11.67	4.58	-2.76	-9.27
YBADJ	EG14	-4.31	-11.12	-17.59	-23.53	-28.75	-33.09
YBADJ	EG14	-36.44	-42.34	-43.36	-43.07	-41.47	-38.61
YBADJ	EG14	-34.57	-29.48	-23.50	-16.81	-9.48	-2.62

YBADJ	EG14	4.31	11.12	17.59	23.53	28.75	33.09
YBADJ	EG14	36.44	42.34	43.36	43.07	41.47	38.61
YBADJ	EG14	34.57	29.48	23.50	16.81	9.48	2.62
YBADJ	EG15	1.40	-5.94	-13.10	-19.87	-26.03	-31.40
YBADJ	EG15	-35.81	-42.81	-44.92	-45.65	-45.00	-42.99
YBADJ	EG15	-39.66	-35.14	-29.54	-23.05	-15.74	-8.70
YBADJ	EG15	-1.40	5.94	13.10	19.87	26.03	31.40
YBADJ	EG15	35.81	42.81	44.92	45.65	45.00	42.99
YBADJ	EG15	39.66	35.14	29.54	23.05	15.74	8.70
YBADJ	EG16	12.06	3.61	-4.94	-13.35	-21.35	-28.70
YBADJ	EG16	-35.17	-44.25	-48.40	-51.07	-52.18	-51.72
YBADJ	EG16	-49.68	-46.13	-41.18	-34.98	-27.60	-20.13
YBADJ	EG16	-12.06	-3.61	4.94	13.35	21.35	28.70
YBADJ	EG16	35.17	44.25	48.40	51.07	52.18	51.72
YBADJ	EG16	49.68	46.13	41.18	34.98	27.60	20.13
YBADJ	EG17	18.38	9.45	0.24	-8.98	-17.93	-26.33
YBADJ	EG17	-33.94	-44.18	-49.49	-53.29	-55.47	-55.97
YBADJ	EG17	-54.76	-51.89	-47.45	-41.56	-34.30	-26.74
YBADJ	EG17	-18.38	-9.45	-0.24	8.98	17.93	26.33
YBADJ	EG17	33.94	44.18	49.49	53.29	55.47	55.97
YBADJ	EG17	54.76	51.89	47.45	41.56	34.30	26.74
YBADJ	EG18	28.99	18.92	8.27	-2.63	-13.44	-23.85
YBADJ	EG18	-33.53	-45.87	-53.22	-58.94	-62.88	-64.91
YBADJ	EG18	-64.97	-63.05	-59.21	-53.58	-46.20	-38.17
YBADJ	EG18	-28.99	-18.92	-8.27	2.63	13.44	23.85
YBADJ	EG18	33.53	45.87	53.22	58.94	62.88	64.91
YBADJ	EG18	64.97	63.05	59.21	53.58	46.20	38.17
YBADJ	EG19	34.75	24.14	12.80	1.07	-10.70	-22.14
YBADJ	EG19	-32.90	-46.34	-54.78	-61.55	-66.45	-69.33
YBADJ	EG19	-70.10	-68.75	-65.30	-59.87	-52.51	-44.30
YBADJ	EG19	-34.75	-24.14	-12.80	-1.07	10.70	22.14
YBADJ	EG19	32.90	46.34	54.78	61.55	66.45	69.33
YBADJ	EG19	70.10	68.75	65.30	59.87	52.51	44.30
YBADJ	EG20	45.81	34.14	21.44	8.08	-5.52	-18.96
YBADJ	EG20	-31.81	-47.38	-57.91	-66.67	-73.42	-77.93
YBADJ	EG20	-80.07	-79.78	-77.07	-72.01	-64.66	-56.08
YBADJ	EG20	-45.81	-34.14	-21.44	-8.08	5.52	18.96
YBADJ	EG20	31.81	47.38	57.91	66.67	73.42	77.93
YBADJ	EG20	80.07	79.78	77.07	72.01	64.66	56.08
YBADJ	EG21	51.33	39.11	25.71	11.52	-3.02	-17.46
YBADJ	EG21	-31.38	-48.01	-59.59	-69.35	-77.01	-82.33
YBADJ	EG21	-85.15	-85.38	-83.02	-78.13	-70.76	-61.98
YBADJ	EG21	-51.33	-39.11	-25.71	-11.52	3.02	17.46

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   YBADJ    EG21            31.38    48.01    59.59    69.35    77.01    82.33
   YBADJ    EG21            85.15    85.38    83.02    78.13    70.76    61.98

   YBADJ    EG22            62.35    49.16    34.48    18.75     2.45   -13.93
   YBADJ    EG22           -29.88   -48.59   -62.24   -73.99   -83.49   -90.46
   YBADJ    EG22           -94.68   -96.02   -94.44   -90.00   -82.70   -73.64
   YBADJ    EG22           -62.35   -49.16   -34.48   -18.75    -2.45    13.93
   YBADJ    EG22            29.88    48.59    62.24    73.99    83.49    90.46
   YBADJ    EG22            94.68    96.02    94.44    90.00    82.70    73.64

   YBADJ    EG23            68.26    54.42    38.92    22.25     4.89   -12.61
   YBADJ    EG23           -29.73   -49.61   -64.40   -77.22   -87.70   -95.52
   YBADJ    EG23          -100.43  -102.29  -101.05   -96.73   -89.36   -80.02
   YBADJ    EG23           -68.26   -54.42   -38.92   -22.25    -4.89    12.61
   YBADJ    EG23            29.73    49.61    64.40    77.22    87.70    95.52
   YBADJ    EG23           100.43   102.29   101.05    96.73    89.36    80.02

   YBADJ    EG24            79.59    64.72    47.89    29.60    10.41    -9.10
   YBADJ    EG24           -28.33   -50.37   -67.29   -82.16   -94.53  -104.03
   YBADJ    EG24          -110.37  -113.36  -112.90  -109.01  -101.70   -92.04
   YBADJ    EG24           -79.59   -64.72   -47.89   -29.60   -10.41     9.10
   YBADJ    EG24            28.33    50.37    67.29    82.16    94.53   104.03
   YBADJ    EG24           110.37   113.36   112.90   109.01   101.70    92.04

   URBANSRC ALL
   SRCGROUP Generato EG01 EG02 EG03 EG04 EG05 EG06 EG07 EG08 EG09 EG10 EG11
   SRCGROUP Generato EG12 EG13 EG14 EG15 EG16 EG17 EG18 EG19 EG20 EG21 EG22
   SRCGROUP Generato EG23 EG24
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Saturn_CR_20ft.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE PICO_V9_ADJU\PICO_v9.SFC
   PROFFILE PICO_V9_ADJU\PICO_v9.PFL
   SURFDATA 3166 2010 Pico
   UAIRDATA 3190 2010
```

```
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST SATURN_CR_20FT.AD\01H1GALL.PLT 31
   PLOTFILE 1 Generato 1ST SATURN_CR_20FT.AD\01H1G001.PLT 32
   PLOTFILE PERIOD ALL SATURN_CR_20FT.AD\PE00GALL.PLT 33
   PLOTFILE PERIOD Generato SATURN_CR_20FT.AD\PE00G001.PLT 34
   SUMMFILE Saturn_CR_20ft.sum
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
```

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**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 9/22/2025
** File: C:\Lakes\AERMOD View\Saturn\Saturn_CR_20ft\Saturn_CR_20ft.ADI
**
**************************************
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**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Saturn Data Center_Cons\Saturn Data Center_Cons
   MODELOPT CONC
   AVERTIME 1 PERIOD
   URBANOPT 9830000 Los_Angeles
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL Saturn_CR_20ft.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION EG01         POINT      397047.306  3767179.215      112.471
** DESCRSRC EG01
   LOCATION EG02         POINT      397058.994  3767182.562      112.471
** DESCRSRC EG02
   LOCATION EG03         POINT      397065.817  3767183.756      112.471
** DESCRSRC EG03
   LOCATION EG04         POINT      397077.261  3767187.083      112.471
** DESCRSRC EG04
   LOCATION EG05         POINT      397083.355  3767188.485      112.471
** DESCRSRC EG05
   LOCATION EG06         POINT      397095.396  3767191.888      112.471
** DESCRSRC EG06
   LOCATION EG07         POINT      397101.071  3767193.568      112.471
** DESCRSRC EG07
   LOCATION EG08         POINT      397112.728  3767196.954      112.471
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** DESCRSRC EG08
   LOCATION EG09         POINT      397117.682  3767198.038      112.471
** DESCRSRC EG09
   LOCATION EG10         POINT      397130.989  3767201.046      112.471
** DESCRSRC EG10
   LOCATION EG11         POINT      397137.409  3767203.301      112.471
** DESCRSRC EG11
   LOCATION EG12         POINT      397148.441  3767206.617      112.471
** DESCRSRC EG12
   LOCATION EG13         POINT      397154.731  3767208.051      112.471
** DESCRSRC EG13
   LOCATION EG14         POINT      397166.615  3767211.117      112.471
** DESCRSRC EG14
   LOCATION EG15         POINT      397172.700  3767212.670      112.471
** DESCRSRC EG15
   LOCATION EG16         POINT      397184.130  3767216.150      112.471
** DESCRSRC EG16
   LOCATION EG17         POINT      397190.740  3767217.240      112.471
** DESCRSRC EG17
   LOCATION EG18         POINT      397202.170  3767220.970      112.471
** DESCRSRC EG18
   LOCATION EG19         POINT      397208.300  3767222.530      112.471
** DESCRSRC EG19
   LOCATION EG20         POINT      397220.080  3767225.660      112.471
** DESCRSRC EG20
   LOCATION EG21         POINT      397225.980  3767227.340      112.471
** DESCRSRC EG21
   LOCATION EG22         POINT      397237.640  3767229.990      112.471
** DESCRSRC EG22
   LOCATION EG23         POINT      397244.020  3767232.150      112.471
** DESCRSRC EG23
   LOCATION EG24         POINT      397256.040  3767235.040      112.471
** DESCRSRC EG24
** Source Parameters **
   SRCPARAM EG01           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG02           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG03           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG04           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG05           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG06           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG07           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG08           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG09           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG10           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG11           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG12           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG13           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG14           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG15           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG16           0.0417    14.326   756.483 32.6741244228888      0.61
```

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   SRCPARAM EG17           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG18           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG19           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG20           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG21           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG22           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG23           0.0417    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG24           0.0417    14.326   756.483 32.6741244228888      0.61

** Building Downwash **
   BUILDHGT EG01           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG01           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG01           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG01           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG01           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG01           12.80     12.80     12.80     12.80     12.80     12.80

   BUILDHGT EG02           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG02           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG02           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG02           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG02           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG02           12.80     12.80     12.80     12.80     12.80     12.80

   BUILDHGT EG03           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG03           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG03           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG03           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG03           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG03           12.80     12.80     12.80     12.80     12.80     12.80

   BUILDHGT EG04           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG04           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG04           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG04           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG04           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG04           12.80     12.80     12.80     12.80     12.80     12.80

   BUILDHGT EG05           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG05           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG05           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG05           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG05           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG05           12.80     12.80     12.80     12.80     12.80     12.80

   BUILDHGT EG06           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG06           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG06           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG06           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG06           12.80     12.80     12.80     12.80     12.80     12.80
```

BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85

BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77

BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG21	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG21	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG21	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG21	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG21	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG21	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG22	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG22	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG22	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG22	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG22	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG22	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG23	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG23	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG23	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG23	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG23	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG23	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDLEN EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG01	189.23	223.90	251.77	271.99	283.95	287.27

BUILDLEN EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81

BUILDLEN EG08 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG09 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG09 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG09 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG09 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG09 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG09 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG10 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG10 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG10 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG10 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG10 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG10 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG11 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG11 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG11 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG11 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG11 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG11 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG12 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG12 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG12 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG12 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG12 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG12 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG13 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG13 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG13 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG13 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG13 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG13 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG14 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG14 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG14 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG14 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG14 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG14 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG15 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG15 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG15 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG15 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG15 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG15 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG16	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG16	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG16	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG16	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG16	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG16	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG17	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG17	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG17	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG17	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG17	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG17	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG18	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG18	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG18	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG18	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG18	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG18	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG19	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG19	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG22	218.08	181.73	139.85	93.73	103.87	148.81

BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87
XBADJ	EG02	-90.87	-89.77	-85.94	-79.50	-70.65	-59.65
XBADJ	EG02	-46.83	-41.50	-39.68	-36.65	-32.51	-27.38
XBADJ	EG02	-21.42	-14.81	-7.75	-0.45	-19.03	-59.60
XBADJ	EG02	-98.36	-134.13	-165.83	-192.49	-213.30	-227.63
XBADJ	EG02	-235.04	-244.44	-249.69	-247.35	-237.50	-220.43
XBADJ	EG02	-196.66	-166.92	-132.10	-93.27	-84.84	-89.21
XBADJ	EG03	-93.24	-93.23	-90.40	-84.81	-76.65	-66.16
XBADJ	EG03	-53.66	-48.44	-46.51	-43.17	-38.52	-32.70
XBADJ	EG03	-25.88	-18.28	-10.13	-1.66	-19.03	-58.40
XBADJ	EG03	-95.99	-130.67	-161.38	-187.18	-207.29	-221.11
XBADJ	EG03	-228.21	-237.51	-242.86	-240.83	-231.49	-215.11
XBADJ	EG03	-192.20	-163.45	-129.73	-92.07	-84.83	-90.41
XBADJ	EG04	-98.49	-100.27	-98.99	-94.71	-87.55	-77.73
XBADJ	EG04	-65.55	-60.28	-57.95	-53.86	-48.13	-40.95
XBADJ	EG04	-32.51	-23.09	-12.97	-2.45	-17.75	-55.08
XBADJ	EG04	-90.74	-123.64	-152.78	-177.28	-196.40	-209.54
XBADJ	EG04	-216.32	-225.66	-231.42	-230.14	-221.88	-206.87
XBADJ	EG04	-185.57	-158.64	-126.88	-91.27	-86.12	-93.73
XBADJ	EG05	-100.93	-103.67	-103.25	-99.70	-93.12	-83.70
XBADJ	EG05	-71.75	-66.52	-64.04	-59.61	-53.38	-45.52
XBADJ	EG05	-36.28	-25.94	-14.80	-3.22	-17.43	-53.68
XBADJ	EG05	-88.30	-120.24	-148.52	-172.29	-190.83	-203.57
XBADJ	EG05	-210.12	-219.42	-225.33	-224.39	-216.63	-202.29
XBADJ	EG05	-181.80	-155.79	-125.05	-90.50	-86.44	-95.13
XBADJ	EG06	-106.38	-110.99	-112.23	-110.06	-104.54	-95.84

XBADJ	EG06	-84.24	-78.98	-76.09	-70.89	-63.54	-54.25
XBADJ	EG06	-43.32	-31.07	-17.88	-4.14	-16.16	-50.27
XBADJ	EG06	-82.85	-112.91	-139.55	-161.94	-179.41	-191.43
XBADJ	EG06	-197.63	-206.96	-213.28	-213.12	-206.47	-193.56
XBADJ	EG06	-174.77	-150.66	-121.98	-89.59	-87.70	-98.54
XBADJ	EG07	-109.02	-114.51	-116.52	-114.99	-109.96	-101.60
XBADJ	EG07	-90.14	-84.85	-81.76	-76.18	-68.29	-58.32
XBADJ	EG07	-46.58	-33.43	-19.26	-4.50	-15.49	-48.59
XBADJ	EG07	-80.21	-109.40	-135.26	-157.01	-173.99	-185.68
XBADJ	EG07	-191.73	-201.09	-207.61	-207.82	-201.72	-189.49
XBADJ	EG07	-171.50	-148.30	-120.60	-89.23	-88.37	-100.22
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73
XBADJ	EG08	-53.34	-38.33	-22.16	-5.31	-14.19	-45.21
XBADJ	EG08	-74.86	-102.23	-126.50	-146.92	-162.88	-173.89
XBADJ	EG08	-179.62	-189.02	-195.95	-196.93	-191.92	-181.08
XBADJ	EG08	-164.74	-143.40	-117.69	-88.42	-89.68	-103.60
XBADJ	EG09	-116.31	-124.39	-128.69	-129.09	-125.56	-118.21
XBADJ	EG09	-107.28	-101.99	-98.37	-91.76	-82.37	-70.47
XBADJ	EG09	-56.43	-40.68	-23.69	-5.98	-13.97	-44.12
XBADJ	EG09	-72.92	-99.51	-123.08	-142.90	-158.39	-169.06
XBADJ	EG09	-174.59	-183.96	-191.00	-192.24	-187.64	-177.34
XBADJ	EG09	-161.65	-141.05	-116.16	-87.75	-89.89	-104.69
XBADJ	EG10	-121.58	-131.77	-137.96	-139.95	-137.69	-131.25
XBADJ	EG10	-120.82	-115.62	-111.68	-104.35	-93.85	-80.49
XBADJ	EG10	-64.69	-46.93	-27.74	-7.70	-13.32	-41.11
XBADJ	EG10	-67.65	-92.13	-113.82	-132.04	-146.26	-156.03
XBADJ	EG10	-161.06	-170.32	-177.69	-179.66	-176.16	-167.32
XBADJ	EG10	-153.39	-134.80	-112.11	-86.02	-90.54	-107.70
XBADJ	EG11	-124.91	-136.08	-143.11	-145.80	-144.05	-137.93
XBADJ	EG11	-127.62	-122.33	-118.10	-110.28	-99.11	-84.93
XBADJ	EG11	-68.17	-49.33	-29.00	-7.79	-12.22	-38.86
XBADJ	EG11	-64.32	-87.82	-108.66	-126.19	-139.89	-149.34
XBADJ	EG11	-154.25	-163.61	-171.27	-173.72	-170.90	-162.88
XBADJ	EG11	-149.92	-132.40	-110.85	-85.94	-91.65	-109.95
XBADJ	EG12	-130.10	-142.97	-151.50	-155.43	-154.64	-149.14
XBADJ	EG12	-139.12	-133.77	-129.13	-120.57	-108.34	-92.82
XBADJ	EG12	-74.48	-53.88	-31.64	-8.44	-10.87	-35.54
XBADJ	EG12	-59.13	-80.93	-100.27	-116.56	-129.31	-138.13
XBADJ	EG12	-142.75	-152.17	-160.24	-163.44	-161.67	-154.99
XBADJ	EG12	-143.60	-127.85	-108.21	-85.29	-93.00	-113.27
XBADJ	EG13	-132.60	-146.47	-155.89	-160.57	-160.38	-155.31
XBADJ	EG13	-145.52	-140.21	-135.42	-126.51	-113.76	-97.55

XBADJ	EG13	-78.38	-56.83	-33.55	-9.25	-10.55	-34.11
XBADJ	EG13	-56.63	-77.44	-95.89	-111.42	-123.57	-131.97
XBADJ	EG13	-136.35	-145.73	-153.95	-157.49	-156.25	-150.26
XBADJ	EG13	-139.70	-124.90	-106.31	-84.48	-93.32	-114.70
XBADJ	EG14	-137.69	-153.42	-164.49	-170.57	-171.46	-167.14
XBADJ	EG14	-157.74	-152.46	-147.31	-137.69	-123.88	-106.31
XBADJ	EG14	-85.51	-62.12	-36.83	-10.43	-9.59	-31.04
XBADJ	EG14	-51.55	-70.48	-87.28	-101.43	-112.49	-120.14
XBADJ	EG14	-124.13	-133.49	-142.06	-146.32	-146.13	-141.50
XBADJ	EG14	-132.57	-119.61	-103.02	-83.30	-94.27	-117.77
XBADJ	EG15	-140.27	-156.96	-168.87	-175.66	-177.11	-173.18
XBADJ	EG15	-163.98	-158.71	-153.39	-143.41	-129.07	-110.80
XBADJ	EG15	-89.18	-64.84	-38.53	-11.05	-9.12	-29.49
XBADJ	EG15	-48.96	-66.95	-82.90	-96.33	-106.84	-114.10
XBADJ	EG15	-117.89	-127.23	-135.98	-140.60	-140.94	-137.01
XBADJ	EG15	-128.91	-116.89	-101.32	-82.68	-94.75	-119.32
XBADJ	EG16	-145.68	-164.14	-177.60	-185.67	-188.10	-184.82
XBADJ	EG16	-175.92	-170.57	-164.82	-154.06	-138.62	-118.96
XBADJ	EG16	-95.69	-69.52	-41.23	-11.69	-7.68	-26.01
XBADJ	EG16	-43.55	-59.77	-74.17	-86.32	-95.84	-102.46
XBADJ	EG16	-105.96	-115.37	-124.55	-129.95	-131.39	-128.85
XBADJ	EG16	-122.39	-112.21	-98.62	-82.04	-96.19	-122.80
XBADJ	EG17	-147.90	-167.42	-181.85	-190.76	-193.87	-191.09
XBADJ	EG17	-182.50	-177.27	-171.43	-160.38	-144.46	-124.14
XBADJ	EG17	-100.06	-72.93	-43.59	-12.93	-7.75	-24.92
XBADJ	EG17	-41.33	-56.48	-69.92	-81.23	-90.08	-96.19
XBADJ	EG17	-99.37	-108.67	-117.94	-123.63	-125.55	-123.67
XBADJ	EG17	-118.03	-108.80	-96.26	-80.80	-96.11	-123.89
XBADJ	EG18	-153.56	-174.83	-190.80	-200.96	-205.02	-202.85
XBADJ	EG18	-194.52	-189.18	-182.86	-170.99	-153.92	-132.18
XBADJ	EG18	-106.42	-77.42	-46.08	-13.33	-6.06	-21.19
XBADJ	EG18	-35.67	-49.07	-60.98	-71.03	-78.93	-84.42
XBADJ	EG18	-87.36	-96.77	-106.51	-113.02	-116.09	-115.64
XBADJ	EG18	-111.67	-104.31	-93.78	-80.40	-97.80	-127.62
XBADJ	EG19	-156.16	-178.40	-195.21	-206.10	-210.72	-208.94
XBADJ	EG19	-200.81	-195.48	-188.99	-176.75	-159.15	-136.71
XBADJ	EG19	-110.11	-80.17	-47.79	-13.96	-5.59	-19.63
XBADJ	EG19	-33.07	-45.51	-56.56	-65.89	-73.23	-78.33
XBADJ	EG19	-81.06	-90.46	-100.38	-107.25	-110.86	-111.11
XBADJ	EG19	-107.97	-101.56	-92.06	-79.77	-98.27	-129.18
XBADJ	EG20	-161.29	-185.37	-203.81	-216.07	-221.76	-220.71
XBADJ	EG20	-212.95	-207.63	-200.77	-187.81	-169.15	-145.34
XBADJ	EG20	-117.12	-85.34	-50.97	-15.05	-4.56	-16.50

XBADJ	EG20	-27.94	-38.54	-47.96	-55.93	-62.19	-66.57
XBADJ	EG20	-68.92	-78.31	-88.60	-96.19	-100.86	-102.47
XBADJ	EG20	-100.96	-96.39	-88.88	-78.68	-99.31	-132.31
XBADJ	EG21	-163.97	-188.96	-208.22	-221.15	-227.36	-226.66
XBADJ	EG21	-219.07	-213.73	-206.67	-193.33	-174.12	-149.61
XBADJ	EG21	-120.56	-87.85	-52.46	-15.49	-3.93	-14.82
XBADJ	EG21	-25.26	-34.94	-43.55	-50.85	-56.59	-60.62
XBADJ	EG21	-62.80	-72.21	-82.70	-90.67	-95.89	-98.20
XBADJ	EG21	-97.52	-93.88	-87.39	-78.24	-99.94	-133.99
XBADJ	EG22	-168.60	-195.44	-216.34	-230.67	-237.99	-238.08
XBADJ	EG22	-230.93	-225.67	-218.33	-204.35	-184.17	-158.38
XBADJ	EG22	-127.79	-93.31	-56.00	-16.99	-3.34	-12.17
XBADJ	EG22	-20.63	-28.46	-35.43	-41.32	-45.96	-49.20
XBADJ	EG22	-50.94	-60.27	-71.04	-79.65	-85.84	-89.43
XBADJ	EG22	-90.29	-88.42	-83.85	-76.74	-100.53	-136.64
XBADJ	EG23	-171.84	-199.65	-221.40	-236.43	-244.27	-244.68
XBADJ	EG23	-237.67	-232.33	-224.71	-210.26	-189.42	-162.83
XBADJ	EG23	-131.29	-95.76	-57.32	-17.14	-2.32	-10.01
XBADJ	EG23	-17.39	-24.25	-30.37	-35.57	-39.68	-42.59
XBADJ	EG23	-44.21	-53.61	-64.66	-73.74	-80.59	-84.98
XBADJ	EG23	-86.79	-85.97	-82.53	-76.59	-101.55	-138.80
XBADJ	EG24	-176.77	-206.48	-229.92	-246.37	-255.33	-256.54
XBADJ	EG24	-249.95	-244.67	-236.73	-221.60	-199.73	-171.79
XBADJ	EG24	-138.64	-101.27	-60.83	-18.53	-1.56	-7.12
XBADJ	EG24	-12.46	-17.42	-21.86	-25.62	-28.62	-30.74
XBADJ	EG24	-31.92	-41.27	-52.64	-62.41	-70.28	-76.02
XBADJ	EG24	-79.44	-80.46	-79.03	-75.19	-102.30	-141.69
YBADJ	EG01	-116.27	-112.33	-104.97	-94.42	-81.00	-65.12
YBADJ	EG01	-47.27	-31.64	-11.46	9.06	29.31	48.68
YBADJ	EG01	66.56	82.42	95.77	106.22	113.55	116.69
YBADJ	EG01	116.27	112.33	104.97	94.42	81.00	65.12
YBADJ	EG01	47.27	31.64	11.46	-9.06	-29.31	-48.68
YBADJ	EG01	-66.56	-82.42	-95.77	-106.22	-113.55	-116.69
YBADJ	EG02	-105.35	-102.49	-96.52	-87.62	-76.05	-62.18
YBADJ	EG02	-46.41	-32.91	-14.80	3.75	22.18	39.94
YBADJ	EG02	56.49	71.32	83.99	94.10	101.47	105.01
YBADJ	EG02	105.35	102.49	96.52	87.62	76.05	62.18
YBADJ	EG02	46.41	32.91	14.80	-3.75	-22.18	-39.94
YBADJ	EG02	-56.49	-71.32	-83.99	-94.10	-101.47	-105.01
YBADJ	EG03	-98.83	-96.49	-91.21	-83.16	-72.58	-59.80
YBADJ	EG03	-45.20	-32.90	-16.00	1.38	18.72	35.49
YBADJ	EG03	51.18	65.32	77.47	87.27	94.54	98.18
YBADJ	EG03	98.83	96.49	91.21	83.16	72.58	59.80

YBADJ	EG03	45.20	32.90	16.00	-1.38	-18.72	-35.49
YBADJ	EG03	-51.18	-65.32	-77.47	-87.27	-94.54	-98.18
YBADJ	EG04	-88.14	-86.87	-82.96	-76.53	-67.77	-56.96
YBADJ	EG04	-44.41	-34.18	-19.32	-3.88	11.69	26.89
YBADJ	EG04	41.29	54.42	65.91	75.39	82.69	86.74
YBADJ	EG04	88.14	86.87	82.96	76.53	67.77	56.96
YBADJ	EG04	44.41	34.18	19.32	3.88	-11.69	-26.89
YBADJ	EG04	-41.29	-54.42	-65.91	-75.39	-82.69	-86.74
YBADJ	EG05	-82.39	-81.63	-78.39	-72.76	-64.93	-55.12
YBADJ	EG05	-43.64	-34.51	-20.72	-6.32	8.29	22.64
YBADJ	EG05	36.30	48.86	59.93	69.19	76.45	80.65
YBADJ	EG05	82.39	81.63	78.39	72.76	64.93	55.12
YBADJ	EG05	43.64	34.51	20.72	6.32	-8.29	-22.64
YBADJ	EG05	-36.30	-48.86	-59.93	-69.19	-76.45	-80.65
YBADJ	EG06	-71.11	-71.47	-69.66	-65.72	-59.80	-52.05
YBADJ	EG06	-42.72	-35.77	-24.13	-11.77	0.96	13.66
YBADJ	EG06	25.94	37.44	47.79	56.70	63.99	68.60
YBADJ	EG06	71.11	71.47	69.66	65.72	59.80	52.05
YBADJ	EG06	42.72	35.77	24.13	11.77	-0.96	-13.66
YBADJ	EG06	-25.94	-37.44	-47.79	-56.70	-63.99	-68.60
YBADJ	EG07	-65.82	-66.72	-65.58	-62.46	-57.44	-50.67
YBADJ	EG07	-42.36	-36.44	-25.81	-14.40	-2.56	9.37
YBADJ	EG07	21.01	32.01	42.04	50.79	58.12	62.93
YBADJ	EG07	65.82	66.72	65.58	62.46	57.44	50.67
YBADJ	EG07	42.36	36.44	25.81	14.40	2.56	-9.37
YBADJ	EG07	-21.01	-32.01	-42.04	-50.79	-58.12	-62.93
YBADJ	EG08	-54.92	-56.92	-57.18	-55.70	-52.53	-47.77
YBADJ	EG08	-41.55	-37.74	-29.19	-19.76	-9.72	0.61
YBADJ	EG08	10.93	20.91	30.25	38.68	46.05	51.27
YBADJ	EG08	54.92	56.92	57.18	55.70	52.53	47.77
YBADJ	EG08	41.55	37.74	29.19	19.76	9.72	-0.61
YBADJ	EG08	-10.93	-20.91	-30.25	-38.68	-46.05	-51.27
YBADJ	EG09	-50.24	-52.64	-53.43	-52.61	-50.19	-46.24
YBADJ	EG09	-40.88	-37.96	-30.28	-21.69	-12.44	-2.81
YBADJ	EG09	6.91	16.41	25.42	33.66	40.98	46.32
YBADJ	EG09	50.24	52.64	53.43	52.61	50.19	46.24
YBADJ	EG09	40.88	37.96	30.28	21.69	12.44	2.81
YBADJ	EG09	-6.91	-16.41	-25.42	-33.66	-40.98	-46.32
YBADJ	EG10	-37.65	-41.16	-43.41	-44.35	-43.94	-42.19
YBADJ	EG10	-39.16	-38.61	-33.29	-26.97	-19.82	-12.07
YBADJ	EG10	-3.95	4.28	12.39	20.12	27.35	33.01
YBADJ	EG10	37.65	41.16	43.41	44.35	43.94	42.19
YBADJ	EG10	39.16	38.61	33.29	26.97	19.82	12.07

YBADJ	EG10	3.95	-4.28	-12.39	-20.12	-27.35	-33.01
YBADJ	EG11	-31.72	-35.90	-38.98	-40.88	-41.53	-40.93
YBADJ	EG11	-39.08	-39.71	-35.54	-30.30	-24.13	-17.23
YBADJ	EG11	-9.80	-2.08	5.71	13.32	20.64	26.59
YBADJ	EG11	31.72	35.90	38.98	40.88	41.53	40.93
YBADJ	EG11	39.08	39.71	35.54	30.30	24.13	17.23
YBADJ	EG11	9.80	2.08	-5.71	-13.32	-20.64	-26.59
YBADJ	EG12	-21.44	-26.67	-31.09	-34.56	-36.99	-38.29
YBADJ	EG12	-38.43	-41.07	-38.86	-35.48	-31.02	-25.62
YBADJ	EG12	-19.44	-12.66	-5.51	1.82	9.20	15.56
YBADJ	EG12	21.44	26.67	31.09	34.56	36.99	38.29
YBADJ	EG12	38.43	41.07	38.86	35.48	31.02	25.62
YBADJ	EG12	19.44	12.66	5.51	-1.82	-9.20	-15.56
YBADJ	EG13	-15.49	-21.24	-26.35	-30.66	-34.04	-36.38
YBADJ	EG13	-37.62	-41.38	-40.29	-37.98	-34.52	-30.00
YBADJ	EG13	-24.57	-18.40	-11.67	-4.58	2.76	9.27
YBADJ	EG13	15.49	21.24	26.35	30.66	34.04	36.38
YBADJ	EG13	37.62	41.38	40.29	37.98	34.52	30.00
YBADJ	EG13	24.57	18.40	11.67	4.58	-2.76	-9.27
YBADJ	EG14	-4.31	-11.12	-17.59	-23.53	-28.75	-33.09
YBADJ	EG14	-36.44	-42.34	-43.36	-43.07	-41.47	-38.61
YBADJ	EG14	-34.57	-29.48	-23.50	-16.81	-9.48	-2.62
YBADJ	EG14	4.31	11.12	17.59	23.53	28.75	33.09
YBADJ	EG14	36.44	42.34	43.36	43.07	41.47	38.61
YBADJ	EG14	34.57	29.48	23.50	16.81	9.48	2.62
YBADJ	EG15	1.40	-5.94	-13.10	-19.87	-26.03	-31.40
YBADJ	EG15	-35.81	-42.81	-44.92	-45.65	-45.00	-42.99
YBADJ	EG15	-39.66	-35.14	-29.54	-23.05	-15.74	-8.70
YBADJ	EG15	-1.40	5.94	13.10	19.87	26.03	31.40
YBADJ	EG15	35.81	42.81	44.92	45.65	45.00	42.99
YBADJ	EG15	39.66	35.14	29.54	23.05	15.74	8.70
YBADJ	EG16	12.06	3.61	-4.94	-13.35	-21.35	-28.70
YBADJ	EG16	-35.17	-44.25	-48.40	-51.07	-52.18	-51.72
YBADJ	EG16	-49.68	-46.13	-41.18	-34.98	-27.60	-20.13
YBADJ	EG16	-12.06	-3.61	4.94	13.35	21.35	28.70
YBADJ	EG16	35.17	44.25	48.40	51.07	52.18	51.72
YBADJ	EG16	49.68	46.13	41.18	34.98	27.60	20.13
YBADJ	EG17	18.38	9.45	0.24	-8.98	-17.93	-26.33
YBADJ	EG17	-33.94	-44.18	-49.49	-53.29	-55.47	-55.97
YBADJ	EG17	-54.76	-51.89	-47.45	-41.56	-34.30	-26.74
YBADJ	EG17	-18.38	-9.45	-0.24	8.98	17.93	26.33
YBADJ	EG17	33.94	44.18	49.49	53.29	55.47	55.97
YBADJ	EG17	54.76	51.89	47.45	41.56	34.30	26.74

YBADJ	EG18	28.99	18.92	8.27	-2.63	-13.44	-23.85
YBADJ	EG18	-33.53	-45.87	-53.22	-58.94	-62.88	-64.91
YBADJ	EG18	-64.97	-63.05	-59.21	-53.58	-46.20	-38.17
YBADJ	EG18	-28.99	-18.92	-8.27	2.63	13.44	23.85
YBADJ	EG18	33.53	45.87	53.22	58.94	62.88	64.91
YBADJ	EG18	64.97	63.05	59.21	53.58	46.20	38.17
YBADJ	EG19	34.75	24.14	12.80	1.07	-10.70	-22.14
YBADJ	EG19	-32.90	-46.34	-54.78	-61.55	-66.45	-69.33
YBADJ	EG19	-70.10	-68.75	-65.30	-59.87	-52.51	-44.30
YBADJ	EG19	-34.75	-24.14	-12.80	-1.07	10.70	22.14
YBADJ	EG19	32.90	46.34	54.78	61.55	66.45	69.33
YBADJ	EG19	70.10	68.75	65.30	59.87	52.51	44.30
YBADJ	EG20	45.81	34.14	21.44	8.08	-5.52	-18.96
YBADJ	EG20	-31.81	-47.38	-57.91	-66.67	-73.42	-77.93
YBADJ	EG20	-80.07	-79.78	-77.07	-72.01	-64.66	-56.08
YBADJ	EG20	-45.81	-34.14	-21.44	-8.08	5.52	18.96
YBADJ	EG20	31.81	47.38	57.91	66.67	73.42	77.93
YBADJ	EG20	80.07	79.78	77.07	72.01	64.66	56.08
YBADJ	EG21	51.33	39.11	25.71	11.52	-3.02	-17.46
YBADJ	EG21	-31.38	-48.01	-59.59	-69.35	-77.01	-82.33
YBADJ	EG21	-85.15	-85.38	-83.02	-78.13	-70.76	-61.98
YBADJ	EG21	-51.33	-39.11	-25.71	-11.52	3.02	17.46
YBADJ	EG21	31.38	48.01	59.59	69.35	77.01	82.33
YBADJ	EG21	85.15	85.38	83.02	78.13	70.76	61.98
YBADJ	EG22	62.35	49.16	34.48	18.75	2.45	-13.93
YBADJ	EG22	-29.88	-48.59	-62.24	-73.99	-83.49	-90.46
YBADJ	EG22	-94.68	-96.02	-94.44	-90.00	-82.70	-73.64
YBADJ	EG22	-62.35	-49.16	-34.48	-18.75	-2.45	13.93
YBADJ	EG22	29.88	48.59	62.24	73.99	83.49	90.46
YBADJ	EG22	94.68	96.02	94.44	90.00	82.70	73.64
YBADJ	EG23	68.26	54.42	38.92	22.25	4.89	-12.61
YBADJ	EG23	-29.73	-49.61	-64.40	-77.22	-87.70	-95.52
YBADJ	EG23	-100.43	-102.29	-101.05	-96.73	-89.36	-80.02
YBADJ	EG23	-68.26	-54.42	-38.92	-22.25	-4.89	12.61
YBADJ	EG23	29.73	49.61	64.40	77.22	87.70	95.52
YBADJ	EG23	100.43	102.29	101.05	96.73	89.36	80.02
YBADJ	EG24	79.59	64.72	47.89	29.60	10.41	-9.10
YBADJ	EG24	-28.33	-50.37	-67.29	-82.16	-94.53	-104.03
YBADJ	EG24	-110.37	-113.36	-112.90	-109.01	-101.70	-92.04
YBADJ	EG24	-79.59	-64.72	-47.89	-29.60	-10.41	9.10
YBADJ	EG24	28.33	50.37	67.29	82.16	94.53	104.03
YBADJ	EG24	110.37	113.36	112.90	109.01	101.70	92.04

```
   URBANSRC ALL
   SRCGROUP Generato EG01 EG02 EG03 EG04 EG05 EG06 EG07 EG08 EG09 EG10 EG11
   SRCGROUP Generato EG12 EG13 EG14 EG15 EG16 EG17 EG18 EG19 EG20 EG21 EG22
   SRCGROUP Generato EG23 EG24
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Saturn_CR_20ft.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE PICO_V9_ADJU\PICO_v9.SFC
   PROFFILE PICO_V9_ADJU\PICO_v9.PFL
   SURFDATA 3166 2010 Pico
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST SATURN_CR_20FT.AD\01H1GALL.PLT 31
   PLOTFILE 1 Generato 1ST SATURN_CR_20FT.AD\01H1G001.PLT 32
   PLOTFILE PERIOD ALL SATURN_CR_20FT.AD\PE00GALL.PLT 33
   PLOTFILE PERIOD Generato SATURN_CR_20FT.AD\PE00G001.PLT 34
   SUMMFILE Saturn_CR_20ft.sum
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------
```

```
 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     979       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     979       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:07:13

                                   PAGE   1
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                              ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Allows User-Specified Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    24 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9830000.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
```

```
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:     24 Source(s);       2 Source Group(s); and     603
Receptor(s)

                with:     24 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing
Hours
                                                                 b for Both Calm
and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    58.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.6 MB of RAM.

 **Input Runstream File:          aermod.inp
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR
EG01	0	0.41700E-01	397047.3	3767179.2	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG02	0	0.41700E-01	397059.0	3767182.6	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG03	0	0.41700E-01	397065.8	3767183.8	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG04	0	0.41700E-01	397077.3	3767187.1	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG05	0	0.41700E-01	397083.4	3767188.5	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG06	0	0.41700E-01	397095.4	3767191.9	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG07	0	0.41700E-01	397101.1	3767193.6	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG08	0	0.41700E-01	397112.7	3767197.0	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG09	0	0.41700E-01	397117.7	3767198.0	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG10	0	0.41700E-01	397131.0	3767201.0	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG11	0	0.41700E-01	397137.4	3767203.3	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	
EG12	0	0.41700E-01	397148.4	3767206.6	112.5	14.33	756.48						

```
32.67     0.61    YES     YES   NO
 EG13             0   0.41700E-01  397154.7 3767208.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG14             0   0.41700E-01  397166.6 3767211.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG15             0   0.41700E-01  397172.7 3767212.7   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG16             0   0.41700E-01  397184.1 3767216.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG17             0   0.41700E-01  397190.7 3767217.2   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG18             0   0.41700E-01  397202.2 3767221.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG19             0   0.41700E-01  397208.3 3767222.5   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG20             0   0.41700E-01  397220.1 3767225.7   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG21             0   0.41700E-01  397226.0 3767227.3   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG22             0   0.41700E-01  397237.6 3767230.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG23             0   0.41700E-01  397244.0 3767232.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG24             0   0.41700E-01  397256.0 3767235.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
```

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
 -----------   ----------

  GENERATO   EG01   , EG02   , EG03   , EG04   , EG05   , EG06   , EG07   , EG08   ,

             EG09   , EG10   , EG11   , EG12   , EG13   , EG14   , EG15   , EG16   ,

             EG17   , EG18   , EG19   , EG20   , EG21   , EG22   , EG23   , EG24   ,

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  ALL        EG01        , EG02        , EG03        , EG04        , EG05        ,
EG06        , EG07        , EG08        ,

             EG09        , EG10        , EG11        , EG12        , EG13        ,
EG14        , EG15        , EG16        ,

             EG17        , EG18        , EG19        , EG20        , EG21        ,
EG22        , EG23        , EG24        ,
```

```
    3   12.8,  247.8,  251.8,  -77.2, -105.0,      4   12.8,  218.1,  272.0,
-69.4,  -94.4,
    5   12.8,  181.7,  283.9,  -59.5,  -81.0,      6   12.8,  139.9,  287.3,
-47.9,  -65.1,
    7   12.8,   93.7,  281.9,  -34.7,  -47.3,      8   12.8,  103.9,  285.9,
-29.4,  -31.6,
    9   12.8,  148.8,  289.4,  -28.0,  -11.5,     10   12.8,  189.2,  284.0,
-25.7,    9.1,
   11   12.8,  223.9,  270.0,  -22.7,   29.3,     12   12.8,  251.8,  247.8,
-18.9,   48.7,
   13   12.8,  272.0,  218.1,  -14.6,   66.6,     14   12.8,  283.9,  181.7,
-9.9,   82.4,
   15   12.8,  287.3,  139.9,   -4.8,   95.8,     16   12.8,  281.9,   93.7,
0.4,  106.2,
   17   12.8,  285.9,  103.9,  -20.3,  113.5,     18   12.8,  289.4,  148.8,
-62.9,  116.7,
   19   12.8,  284.0,  189.2, -103.7,  116.3,     20   12.8,  270.0,  223.9,
-141.3,  112.3,
   21   12.8,  247.8,  251.8, -174.6,  105.0,     22   12.8,  218.1,  272.0,
-202.6,   94.4,
   23   12.8,  181.7,  283.9, -224.4,   81.0,     24   12.8,  139.9,  287.3,
-239.4,   65.1,
   25   12.8,   93.7,  281.9, -247.2,   47.3,     26   12.8,  103.9,  285.9,
-256.5,   31.6,
   27   12.8,  148.8,  289.4, -261.4,   11.5,     28   12.8,  189.2,  284.0,
-258.3,   -9.1,
   29   12.8,  223.9,  270.0, -247.3,  -29.3,     30   12.8,  251.8,  247.8,
-228.9,  -48.7,
   31   12.8,  272.0,  218.1, -203.5,  -66.6,     32   12.8,  283.9,  181.7,
-171.9,  -82.4,
   33   12.8,  287.3,  139.9, -135.1,  -95.8,     34   12.8,  281.9,   93.7,
-94.1, -106.2,
   35   12.8,  285.9,  103.9,  -83.6, -113.5,     36   12.8,  289.4,  148.8,
-85.9, -116.7,


 SOURCE ID: EG02
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2,  -90.9, -105.3,      2   12.8,  270.0,  223.9,
-89.8, -102.5,
    3   12.8,  247.8,  251.8,  -85.9,  -96.5,      4   12.8,  218.1,  272.0,
-79.5,  -87.6,
    5   12.8,  181.7,  283.9,  -70.6,  -76.0,      6   12.8,  139.9,  287.3,
-59.6,  -62.2,
    7   12.8,   93.7,  281.9,  -46.8,  -46.4,      8   12.8,  103.9,  285.9,
-41.5,  -32.9,
    9   12.8,  148.8,  289.4,  -39.7,  -14.8,     10   12.8,  189.2,  284.0,
-36.6,    3.8,
   11   12.8,  223.9,  270.0,  -32.5,   22.2,     12   12.8,  251.8,  247.8,
```

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-27.4,   39.9,
   13   12.8,  272.0,  218.1,  -21.4,   56.5,     14   12.8,  283.9,  181.7,
-14.8,   71.3,
   15   12.8,  287.3,  139.9,   -7.8,   84.0,     16   12.8,  281.9,   93.7,
-0.5,   94.1,
   17   12.8,  285.9,  103.9,  -19.0,  101.5,     18   12.8,  289.4,  148.8,
-59.6,  105.0,
   19   12.8,  284.0,  189.2,  -98.4,  105.3,     20   12.8,  270.0,  223.9,
-134.1,  102.5,
   21   12.8,  247.8,  251.8, -165.8,   96.5,     22   12.8,  218.1,  272.0,
-192.5,   87.6,
   23   12.8,  181.7,  283.9, -213.3,   76.0,     24   12.8,  139.9,  287.3,
-227.6,   62.2,
   25   12.8,   93.7,  281.9, -235.0,   46.4,     26   12.8,  103.9,  285.9,
-244.4,   32.9,
   27   12.8,  148.8,  289.4, -249.7,   14.8,     28   12.8,  189.2,  284.0,
-247.4,   -3.8,
   29   12.8,  223.9,  270.0, -237.5,  -22.2,     30   12.8,  251.8,  247.8,
-220.4,  -39.9,
   31   12.8,  272.0,  218.1, -196.7,  -56.5,     32   12.8,  283.9,  181.7,
-166.9,  -71.3,
   33   12.8,  287.3,  139.9, -132.1,  -84.0,     34   12.8,  281.9,   93.7,
-93.3,  -94.1,
   35   12.8,  285.9,  103.9,  -84.8, -101.5,     36   12.8,  289.4,  148.8,
-89.2, -105.0,


 SOURCE ID: EG03
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2,  -93.2,  -98.8,      2   12.8,  270.0,  223.9,
-93.2,  -96.5,
    3   12.8,  247.8,  251.8,  -90.4,  -91.2,      4   12.8,  218.1,  272.0,
-84.8,  -83.2,
    5   12.8,  181.7,  283.9,  -76.6,  -72.6,      6   12.8,  139.9,  287.3,
-66.2,  -59.8,
    7   12.8,   93.7,  281.9,  -53.7,  -45.2,      8   12.8,  103.9,  285.9,
-48.4,  -32.9,
    9   12.8,  148.8,  289.4,  -46.5,  -16.0,     10   12.8,  189.2,  284.0,
-43.2,    1.4,
   11   12.8,  223.9,  270.0,  -38.5,   18.7,     12   12.8,  251.8,  247.8,
-32.7,   35.5,
   13   12.8,  272.0,  218.1,  -25.9,   51.2,     14   12.8,  283.9,  181.7,
-18.3,   65.3,
   15   12.8,  287.3,  139.9,  -10.1,   77.5,     16   12.8,  281.9,   93.7,
-1.7,   87.3,
   17   12.8,  285.9,  103.9,  -19.0,   94.5,     18   12.8,  289.4,  148.8,
-58.4,   98.2,
   19   12.8,  284.0,  189.2,  -96.0,   98.8,     20   12.8,  270.0,  223.9,
-130.7,   96.5,
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   21   12.8,  247.8,  251.8, -161.4,   91.2,     22   12.8,  218.1,  272.0,
-187.2,   83.2,
   23   12.8,  181.7,  283.9, -207.3,   72.6,     24   12.8,  139.9,  287.3,
-221.1,   59.8,
   25   12.8,   93.7,  281.9, -228.2,   45.2,     26   12.8,  103.9,  285.9,
-237.5,   32.9,
   27   12.8,  148.8,  289.4, -242.9,   16.0,     28   12.8,  189.2,  284.0,
-240.8,   -1.4,
   29   12.8,  223.9,  270.0, -231.5,  -18.7,     30   12.8,  251.8,  247.8,
-215.1,  -35.5,
   31   12.8,  272.0,  218.1, -192.2,  -51.2,     32   12.8,  283.9,  181.7,
-163.5,  -65.3,
   33   12.8,  287.3,  139.9, -129.7,  -77.5,     34   12.8,  281.9,   93.7,
-92.1,  -87.3,
   35   12.8,  285.9,  103.9,  -84.8,  -94.5,     36   12.8,  289.4,  148.8,
-90.4,  -98.2,


 SOURCE ID: EG04
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2,  -98.5,  -88.1,      2   12.8,  270.0,  223.9,
-100.3,  -86.9,
    3   12.8,  247.8,  251.8,  -99.0,  -83.0,      4   12.8,  218.1,  272.0,
-94.7,  -76.5,
    5   12.8,  181.7,  283.9,  -87.5,  -67.8,      6   12.8,  139.9,  287.3,
-77.7,  -57.0,
    7   12.8,   93.7,  281.9,  -65.5,  -44.4,      8   12.8,  103.9,  285.9,
-60.3,  -34.2,
    9   12.8,  148.8,  289.4,  -57.9,  -19.3,     10   12.8,  189.2,  284.0,
-53.9,   -3.9,
   11   12.8,  223.9,  270.0,  -48.1,   11.7,     12   12.8,  251.8,  247.8,
-40.9,   26.9,
   13   12.8,  272.0,  218.1,  -32.5,   41.3,     14   12.8,  283.9,  181.7,
-23.1,   54.4,
   15   12.8,  287.3,  139.9,  -13.0,   65.9,     16   12.8,  281.9,   93.7,
-2.4,   75.4,
   17   12.8,  285.9,  103.9,  -17.8,   82.7,     18   12.8,  289.4,  148.8,
-55.1,   86.7,
   19   12.8,  284.0,  189.2,  -90.7,   88.1,     20   12.8,  270.0,  223.9,
-123.6,   86.9,
   21   12.8,  247.8,  251.8, -152.8,   83.0,     22   12.8,  218.1,  272.0,
-177.3,   76.5,
   23   12.8,  181.7,  283.9, -196.4,   67.8,     24   12.8,  139.9,  287.3,
-209.5,   57.0,
   25   12.8,   93.7,  281.9, -216.3,   44.4,     26   12.8,  103.9,  285.9,
-225.7,   34.2,
   27   12.8,  148.8,  289.4, -231.4,   19.3,     28   12.8,  189.2,  284.0,
-230.1,    3.9,
   29   12.8,  223.9,  270.0, -221.9,  -11.7,     30   12.8,  251.8,  247.8,
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-206.9, -26.9,
   31   12.8, 272.0, 218.1, -185.6, -41.3,   32   12.8, 283.9, 181.7,
-158.6, -54.4,
   33   12.8, 287.3, 139.9, -126.9, -65.9,   34   12.8, 281.9,   93.7,
-91.3, -75.4,
   35   12.8, 285.9, 103.9, -86.1, -82.7,   36   12.8, 289.4, 148.8,
-93.7, -86.7,

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

 SOURCE ID: EG05
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -100.9, -82.4,   2   12.8, 270.0, 223.9,
-103.7, -81.6,
    3   12.8, 247.8, 251.8, -103.2, -78.4,   4   12.8, 218.1, 272.0,
-99.7, -72.8,
    5   12.8, 181.7, 283.9, -93.1, -64.9,   6   12.8, 139.9, 287.3,
-83.7, -55.1,
    7   12.8,   93.7, 281.9, -71.8, -43.6,   8   12.8, 103.9, 285.9,
-66.5, -34.5,
    9   12.8, 148.8, 289.4, -64.0, -20.7,   10   12.8, 189.2, 284.0,
-59.6,   -6.3,
   11   12.8, 223.9, 270.0, -53.4,   8.3,   12   12.8, 251.8, 247.8,
-45.5,   22.6,
   13   12.8, 272.0, 218.1, -36.3,   36.3,   14   12.8, 283.9, 181.7,
-25.9,   48.9,
   15   12.8, 287.3, 139.9, -14.8,   59.9,   16   12.8, 281.9,   93.7,
-3.2,   69.2,
   17   12.8, 285.9, 103.9, -17.4,   76.5,   18   12.8, 289.4, 148.8,
-53.7,   80.6,
   19   12.8, 284.0, 189.2, -88.3,   82.4,   20   12.8, 270.0, 223.9,
-120.2,   81.6,
   21   12.8, 247.8, 251.8, -148.5,   78.4,   22   12.8, 218.1, 272.0,
-172.3,   72.8,
   23   12.8, 181.7, 283.9, -190.8,   64.9,   24   12.8, 139.9, 287.3,
-203.6,   55.1,
   25   12.8,   93.7, 281.9, -210.1,   43.6,   26   12.8, 103.9, 285.9,
-219.4,   34.5,
   27   12.8, 148.8, 289.4, -225.3,   20.7,   28   12.8, 189.2, 284.0,

-224.4,   6.3,
   29   12.8, 223.9, 270.0, -216.6,   -8.3,   30   12.8, 251.8, 247.8,
-202.3, -22.6,
   31   12.8, 272.0, 218.1, -181.8, -36.3,   32   12.8, 283.9, 181.7,
-155.8, -48.9,
   33   12.8, 287.3, 139.9, -125.0, -59.9,   34   12.8, 281.9,   93.7,
-90.5, -69.2,
   35   12.8, 285.9, 103.9, -86.4, -76.5,   36   12.8, 289.4, 148.8,
-95.1, -80.6,

 SOURCE ID: EG06
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -106.4, -71.1,   2   12.8, 270.0, 223.9,
-111.0, -71.5,
    3   12.8, 247.8, 251.8, -112.2, -69.7,   4   12.8, 218.1, 272.0,
-110.1, -65.7,
    5   12.8, 181.7, 283.9, -104.5, -59.8,   6   12.8, 139.9, 287.3,
-95.8, -52.0,
    7   12.8,   93.7, 281.9, -84.2, -42.7,   8   12.8, 103.9, 285.9,
-79.0, -35.8,
    9   12.8, 148.8, 289.4, -76.1, -24.1,   10   12.8, 189.2, 284.0,
-70.9, -11.8,
   11   12.8, 223.9, 270.0, -63.5,   1.0,   12   12.8, 251.8, 247.8,
-54.2,   13.7,
   13   12.8, 272.0, 218.1, -43.3,   25.9,   14   12.8, 283.9, 181.7,
-31.1,   37.4,
   15   12.8, 287.3, 139.9, -17.9,   47.8,   16   12.8, 281.9,   93.7,
-4.1,   56.7,
   17   12.8, 285.9, 103.9, -16.2,   64.0,   18   12.8, 289.4, 148.8,
-50.3,   68.6,
   19   12.8, 284.0, 189.2, -82.8,   71.1,   20   12.8, 270.0, 223.9,
-112.9,   71.5,
   21   12.8, 247.8, 251.8, -139.6,   69.7,   22   12.8, 218.1, 272.0,
-161.9,   65.7,
   23   12.8, 181.7, 283.9, -179.4,   59.8,   24   12.8, 139.9, 287.3,
-191.4,   52.0,
   25   12.8,   93.7, 281.9, -197.6,   42.7,   26   12.8, 103.9, 285.9,
-207.0,   35.8,
   27   12.8, 148.8, 289.4, -213.3,   24.1,   28   12.8, 189.2, 284.0,
-213.1,   11.8,
   29   12.8, 223.9, 270.0, -206.5,   -1.0,   30   12.8, 251.8, 247.8,
-193.6, -13.7,
   31   12.8, 272.0, 218.1, -174.8, -25.9,   32   12.8, 283.9, 181.7,
-150.7, -37.4,
   33   12.8, 287.3, 139.9, -122.0, -47.8,   34   12.8, 281.9,   93.7,
-89.6, -56.7,
   35   12.8, 285.9, 103.9, -87.7, -64.0,   36   12.8, 289.4, 148.8,
-98.5, -68.6,

SOURCE ID: EG07

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-109.0,	-65.8,	2	12.8,	270.0,	223.9,	-114.5,	-66.7,
3	12.8,	247.8,	251.8,	-116.5,	-65.6,	4	12.8,	218.1,	272.0,	-115.0,	-62.5,
5	12.8,	181.7,	283.9,	-110.0,	-57.4,	6	12.8,	139.9,	287.3,	-101.6,	-50.7,
7	12.8,	93.7,	281.9,	-90.1,	-42.4,	8	12.8,	103.9,	285.9,	-84.8,	-36.4,
9	12.8,	148.8,	289.4,	-81.8,	-25.8,	10	12.8,	189.2,	284.0,	-76.2,	-14.4,
11	12.8,	223.9,	270.0,	-68.3,	-2.6,	12	12.8,	251.8,	247.8,	-58.3,	9.4,
13	12.8,	272.0,	218.1,	-46.6,	21.0,	14	12.8,	283.9,	181.7,	-33.4,	32.0,
15	12.8,	287.3,	139.9,	-19.3,	42.0,	16	12.8,	281.9,	93.7,	-4.5,	50.8,
17	12.8,	285.9,	103.9,	-15.5,	58.1,	18	12.8,	289.4,	148.8,	-48.6,	62.9,
19	12.8,	284.0,	189.2,	-80.2,	65.8,	20	12.8,	270.0,	223.9,	-109.4,	66.7,
21	12.8,	247.8,	251.8,	-135.3,	65.6,	22	12.8,	218.1,	272.0,	-157.0,	62.5,
23	12.8,	181.7,	283.9,	-174.0,	57.4,	24	12.8,	139.9,	287.3,	-185.7,	50.7,
25	12.8,	93.7,	281.9,	-191.7,	42.4,	26	12.8,	103.9,	285.9,	-201.1,	36.4,
27	12.8,	148.8,	289.4,	-207.6,	25.8,	28	12.8,	189.2,	284.0,	-207.8,	14.4,
29	12.8,	223.9,	270.0,	-201.7,	2.6,	30	12.8,	251.8,	247.8,	-189.5,	-9.4,
31	12.8,	272.0,	218.1,	-171.5,	-21.0,	32	12.8,	283.9,	181.7,	-148.3,	-32.0,
33	12.8,	287.3,	139.9,	-120.6,	-42.0,	34	12.8,	281.9,	93.7,	-89.2,	-50.8,
35	12.8,	285.9,	103.9,	-88.4,	-58.1,	36	12.8,	289.4,	148.8,	-100.2,	-62.9,

SOURCE ID: EG08

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-114.4,	-54.9,	2	12.8,	270.0,	223.9,	-121.7,	-56.9,
3	12.8,	247.8,	251.8,	-125.3,	-57.2,	4	12.8,	218.1,	272.0,	-125.1,	-55.7,

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    5   12.8,  181.7,  283.9, -121.1,  -52.5,      6   12.8,  139.9,  287.3,
-113.4,  -47.8,
    7   12.8,   93.7,  281.9, -102.2,  -41.5,      8   12.8,  103.9,  285.9,
-96.9,  -37.7,
    9   12.8,  148.8,  289.4,  -93.4,  -29.2,     10   12.8,  189.2,  284.0,
-87.1,  -19.8,
   11   12.8,  223.9,  270.0,  -78.1,   -9.7,     12   12.8,  251.8,  247.8,
-66.7,    0.6,
   13   12.8,  272.0,  218.1,  -53.3,   10.9,     14   12.8,  283.9,  181.7,
-38.3,   20.9,
   15   12.8,  287.3,  139.9,  -22.2,   30.2,     16   12.8,  281.9,   93.7,
-5.3,   38.7,
   17   12.8,  285.9,  103.9,  -14.2,   46.0,     18   12.8,  289.4,  148.8,
-45.2,   51.3,
   19   12.8,  284.0,  189.2,  -74.9,   54.9,     20   12.8,  270.0,  223.9,
-102.2,   56.9,
   21   12.8,  247.8,  251.8, -126.5,   57.2,     22   12.8,  218.1,  272.0,
-146.9,   55.7,
   23   12.8,  181.7,  283.9, -162.9,   52.5,     24   12.8,  139.9,  287.3,
-173.9,   47.8,
   25   12.8,   93.7,  281.9, -179.6,   41.5,     26   12.8,  103.9,  285.9,
-189.0,   37.7,
   27   12.8,  148.8,  289.4, -196.0,   29.2,     28   12.8,  189.2,  284.0,
-196.9,   19.8,
   29   12.8,  223.9,  270.0, -191.9,    9.7,     30   12.8,  251.8,  247.8,
-181.1,   -0.6,
   31   12.8,  272.0,  218.1, -164.7,  -10.9,     32   12.8,  283.9,  181.7,
-143.4,  -20.9,
   33   12.8,  287.3,  139.9, -117.7,  -30.2,     34   12.8,  281.9,   93.7,
-88.4,  -38.7,
   35   12.8,  285.9,  103.9,  -89.7,  -46.0,     36   12.8,  289.4,  148.8,
-103.6,  -51.3,

↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:07:13

                                   PAGE   7
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: EG09
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -116.3,  -50.2,      2   12.8,  270.0,  223.9,
-124.4,  -52.6,
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    3   12.8,  247.8,  251.8, -128.7,  -53.4,      4   12.8,  218.1,  272.0,
-129.1,  -52.6,
    5   12.8,  181.7,  283.9, -125.6,  -50.2,      6   12.8,  139.9,  287.3,
-118.2,  -46.2,
    7   12.8,   93.7,  281.9, -107.3,  -40.9,      8   12.8,  103.9,  285.9,
-102.0,  -38.0,
    9   12.8,  148.8,  289.4,  -98.4,  -30.3,     10   12.8,  189.2,  284.0,
-91.8,  -21.7,
   11   12.8,  223.9,  270.0,  -82.4,  -12.4,     12   12.8,  251.8,  247.8,
-70.5,   -2.8,
   13   12.8,  272.0,  218.1,  -56.4,    6.9,     14   12.8,  283.9,  181.7,
-40.7,   16.4,
   15   12.8,  287.3,  139.9,  -23.7,   25.4,     16   12.8,  281.9,   93.7,
-6.0,   33.7,
   17   12.8,  285.9,  103.9,  -14.0,   41.0,     18   12.8,  289.4,  148.8,
-44.1,   46.3,
   19   12.8,  284.0,  189.2,  -72.9,   50.2,     20   12.8,  270.0,  223.9,
-99.5,   52.6,
   21   12.8,  247.8,  251.8, -123.1,   53.4,     22   12.8,  218.1,  272.0,
-142.9,   52.6,
   23   12.8,  181.7,  283.9, -158.4,   50.2,     24   12.8,  139.9,  287.3,
-169.1,   46.2,
   25   12.8,   93.7,  281.9, -174.6,   40.9,     26   12.8,  103.9,  285.9,
-184.0,   38.0,
   27   12.8,  148.8,  289.4, -191.0,   30.3,     28   12.8,  189.2,  284.0,
-192.2,   21.7,
   29   12.8,  223.9,  270.0, -187.6,   12.4,     30   12.8,  251.8,  247.8,
-177.3,    2.8,
   31   12.8,  272.0,  218.1, -161.7,   -6.9,     32   12.8,  283.9,  181.7,
-141.1,  -16.4,
   33   12.8,  287.3,  139.9, -116.2,  -25.4,     34   12.8,  281.9,   93.7,
-87.8,  -33.7,
   35   12.8,  285.9,  103.9,  -89.9,  -41.0,     36   12.8,  289.4,  148.8,
-104.7,  -46.3,


 SOURCE ID: EG10
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -121.6,  -37.6,      2   12.8,  270.0,  223.9,
-131.8,  -41.2,
    3   12.8,  247.8,  251.8, -138.0,  -43.4,      4   12.8,  218.1,  272.0,
-140.0,  -44.3,
    5   12.8,  181.7,  283.9, -137.7,  -43.9,      6   12.8,  139.9,  287.3,
-131.2,  -42.2,
    7   12.8,   93.7,  281.9, -120.8,  -39.2,      8   12.8,  103.9,  285.9,
-115.6,  -38.6,
    9   12.8,  148.8,  289.4, -111.7,  -33.3,     10   12.8,  189.2,  284.0,
-104.3,  -27.0,
   11   12.8,  223.9,  270.0,  -93.8,  -19.8,     12   12.8,  251.8,  247.8,
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-80.5, -12.1,
   13   12.8, 272.0, 218.1, -64.7,   -3.9,   14   12.8, 283.9, 181.7,
-46.9,   4.3,
   15   12.8, 287.3, 139.9, -27.7,   12.4,   16   12.8, 281.9,   93.7,
-7.7,   20.1,
   17   12.8, 285.9, 103.9, -13.3,   27.4,   18   12.8, 289.4, 148.8,
-41.1,   33.0,
   19   12.8, 284.0, 189.2, -67.6,   37.6,   20   12.8, 270.0, 223.9,
-92.1,   41.2,
   21   12.8, 247.8, 251.8, -113.8,   43.4,   22   12.8, 218.1, 272.0,
-132.0,   44.3,
   23   12.8, 181.7, 283.9, -146.3,   43.9,   24   12.8, 139.9, 287.3,
-156.0,   42.2,
   25   12.8,   93.7, 281.9, -161.1,   39.2,   26   12.8, 103.9, 285.9,
-170.3,   38.6,
   27   12.8, 148.8, 289.4, -177.7,   33.3,   28   12.8, 189.2, 284.0,
-179.7,   27.0,
   29   12.8, 223.9, 270.0, -176.2,   19.8,   30   12.8, 251.8, 247.8,
-167.3,   12.1,
   31   12.8, 272.0, 218.1, -153.4,   3.9,   32   12.8, 283.9, 181.7,
-134.8,   -4.3,
   33   12.8, 287.3, 139.9, -112.1, -12.4,   34   12.8, 281.9,   93.7,
-86.0, -20.1,
   35   12.8, 285.9, 103.9, -90.5, -27.4,   36   12.8, 289.4, 148.8,
-107.7, -33.0,

 SOURCE ID: EG11
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -124.9, -31.7,   2   12.8, 270.0, 223.9,
-136.1, -35.9,
    3   12.8, 247.8, 251.8, -143.1, -39.0,   4   12.8, 218.1, 272.0,
-145.8, -40.9,
    5   12.8, 181.7, 283.9, -144.1, -41.5,   6   12.8, 139.9, 287.3,
-137.9, -40.9,
    7   12.8,   93.7, 281.9, -127.6, -39.1,   8   12.8, 103.9, 285.9,
-122.3, -39.7,
    9   12.8, 148.8, 289.4, -118.1, -35.5,   10   12.8, 189.2, 284.0,
-110.3, -30.3,
   11   12.8, 223.9, 270.0, -99.1, -24.1,   12   12.8, 251.8, 247.8,
-84.9, -17.2,
   13   12.8, 272.0, 218.1, -68.2,   -9.8,   14   12.8, 283.9, 181.7,
-49.3,   -2.1,
   15   12.8, 287.3, 139.9, -29.0,   5.7,   16   12.8, 281.9,   93.7,
-7.8,   13.3,
   17   12.8, 285.9, 103.9, -12.2,   20.6,   18   12.8, 289.4, 148.8,
-38.9,   26.6,
   19   12.8, 284.0, 189.2, -64.3,   31.7,   20   12.8, 270.0, 223.9,
-87.8,   35.9,

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   21   12.8,  247.8,  251.8, -108.7,   39.0,     22   12.8,  218.1,  272.0,
-126.2,   40.9,
   23   12.8,  181.7,  283.9, -139.9,   41.5,     24   12.8,  139.9,  287.3,
-149.3,   40.9,
   25   12.8,   93.7,  281.9, -154.2,   39.1,     26   12.8,  103.9,  285.9,
-163.6,   39.7,
   27   12.8,  148.8,  289.4, -171.3,   35.5,     28   12.8,  189.2,  284.0,
-173.7,   30.3,
   29   12.8,  223.9,  270.0, -170.9,   24.1,     30   12.8,  251.8,  247.8,
-162.9,   17.2,
   31   12.8,  272.0,  218.1, -149.9,    9.8,     32   12.8,  283.9,  181.7,
-132.4,    2.1,
   33   12.8,  287.3,  139.9, -110.8,   -5.7,     34   12.8,  281.9,   93.7,
-85.9,  -13.3,
   35   12.8,  285.9,  103.9,  -91.6,  -20.6,     36   12.8,  289.4,  148.8,
-110.0,  -26.6,


 SOURCE ID: EG12
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -130.1,  -21.4,      2   12.8,  270.0,  223.9,
-143.0,  -26.7,
    3   12.8,  247.8,  251.8, -151.5,  -31.1,      4   12.8,  218.1,  272.0,
-155.4,  -34.6,
    5   12.8,  181.7,  283.9, -154.6,  -37.0,      6   12.8,  139.9,  287.3,
-149.1,  -38.3,
    7   12.8,   93.7,  281.9, -139.1,  -38.4,      8   12.8,  103.9,  285.9,
-133.8,  -41.1,
    9   12.8,  148.8,  289.4, -129.1,  -38.9,     10   12.8,  189.2,  284.0,
-120.6,  -35.5,
   11   12.8,  223.9,  270.0, -108.3,  -31.0,     12   12.8,  251.8,  247.8,
-92.8,  -25.6,
   13   12.8,  272.0,  218.1,  -74.5,  -19.4,     14   12.8,  283.9,  181.7,
-53.9,  -12.7,
   15   12.8,  287.3,  139.9,  -31.6,   -5.5,     16   12.8,  281.9,   93.7,
-8.4,    1.8,
   17   12.8,  285.9,  103.9,  -10.9,    9.2,     18   12.8,  289.4,  148.8,
-35.5,   15.6,
   19   12.8,  284.0,  189.2,  -59.1,   21.4,     20   12.8,  270.0,  223.9,
-80.9,   26.7,
   21   12.8,  247.8,  251.8, -100.3,   31.1,     22   12.8,  218.1,  272.0,
-116.6,   34.6,
   23   12.8,  181.7,  283.9, -129.3,   37.0,     24   12.8,  139.9,  287.3,
-138.1,   38.3,
   25   12.8,   93.7,  281.9, -142.8,   38.4,     26   12.8,  103.9,  285.9,
-152.2,   41.1,
   27   12.8,  148.8,  289.4, -160.2,   38.9,     28   12.8,  189.2,  284.0,
-163.4,   35.5,
   29   12.8,  223.9,  270.0, -161.7,   31.0,     30   12.8,  251.8,  247.8,
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-155.0,   25.6,
   31   12.8, 272.0, 218.1, -143.6,   19.4,   32   12.8, 283.9, 181.7,
-127.8,   12.7,
   33   12.8, 287.3, 139.9, -108.2,   5.5,   34   12.8, 281.9,   93.7,
-85.3,   -1.8,
   35   12.8, 285.9, 103.9, -93.0,   -9.2,   36   12.8, 289.4, 148.8,
-113.3, -15.6,

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

 SOURCE ID: EG13
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -132.6, -15.5,   2   12.8, 270.0, 223.9,
-146.5, -21.2,
    3   12.8, 247.8, 251.8, -155.9, -26.4,   4   12.8, 218.1, 272.0,
-160.6, -30.7,
    5   12.8, 181.7, 283.9, -160.4, -34.0,   6   12.8, 139.9, 287.3,
-155.3, -36.4,
    7   12.8,   93.7, 281.9, -145.5, -37.6,   8   12.8, 103.9, 285.9,
-140.2, -41.4,
    9   12.8, 148.8, 289.4, -135.4, -40.3,   10   12.8, 189.2, 284.0,
-126.5, -38.0,
   11   12.8, 223.9, 270.0, -113.8, -34.5,   12   12.8, 251.8, 247.8,
-97.5, -30.0,
   13   12.8, 272.0, 218.1, -78.4, -24.6,   14   12.8, 283.9, 181.7,
-56.8, -18.4,
   15   12.8, 287.3, 139.9, -33.5, -11.7,   16   12.8, 281.9,   93.7,
-9.2,   -4.6,
   17   12.8, 285.9, 103.9, -10.6,   2.8,   18   12.8, 289.4, 148.8,
-34.1,   9.3,
   19   12.8, 284.0, 189.2, -56.6,   15.5,   20   12.8, 270.0, 223.9,
-77.4,   21.2,
   21   12.8, 247.8, 251.8, -95.9,   26.4,   22   12.8, 218.1, 272.0,
-111.4,   30.7,
   23   12.8, 181.7, 283.9, -123.6,   34.0,   24   12.8, 139.9, 287.3,
-132.0,   36.4,
   25   12.8,   93.7, 281.9, -136.4,   37.6,   26   12.8, 103.9, 285.9,
-145.7,   41.4,
   27   12.8, 148.8, 289.4, -154.0,   40.3,   28   12.8, 189.2, 284.0,

-157.5,   38.0,
   29   12.8, 223.9, 270.0, -156.2,   34.5,   30   12.8, 251.8, 247.8,
-150.3,   30.0,
   31   12.8, 272.0, 218.1, -139.7,   24.6,   32   12.8, 283.9, 181.7,
-124.9,   18.4,
   33   12.8, 287.3, 139.9, -106.3,   11.7,   34   12.8, 281.9,   93.7,
-84.5,   4.6,
   35   12.8, 285.9, 103.9, -93.3,   -2.8,   36   12.8, 289.4, 148.8,
-114.7,   -9.3,

 SOURCE ID: EG14
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -137.7,   -4.3,   2   12.8, 270.0, 223.9,
-153.4, -11.1,
    3   12.8, 247.8, 251.8, -164.5, -17.6,   4   12.8, 218.1, 272.0,
-170.6, -23.5,
    5   12.8, 181.7, 283.9, -171.5, -28.8,   6   12.8, 139.9, 287.3,
-167.1, -33.1,
    7   12.8,   93.7, 281.9, -157.7, -36.4,   8   12.8, 103.9, 285.9,
-152.5, -42.3,
    9   12.8, 148.8, 289.4, -147.3, -43.4,   10   12.8, 189.2, 284.0,
-137.7, -43.1,
   11   12.8, 223.9, 270.0, -123.9, -41.5,   12   12.8, 251.8, 247.8,
-106.3, -38.6,
   13   12.8, 272.0, 218.1, -85.5, -34.6,   14   12.8, 283.9, 181.7,
-62.1, -29.5,
   15   12.8, 287.3, 139.9, -36.8, -23.5,   16   12.8, 281.9,   93.7,
-10.4, -16.8,
   17   12.8, 285.9, 103.9,   -9.6,   -9.5,   18   12.8, 289.4, 148.8,
-31.0,   -2.6,
   19   12.8, 284.0, 189.2, -51.5,   4.3,   20   12.8, 270.0, 223.9,
-70.5,   11.1,
   21   12.8, 247.8, 251.8, -87.3,   17.6,   22   12.8, 218.1, 272.0,
-101.4,   23.5,
   23   12.8, 181.7, 283.9, -112.5,   28.8,   24   12.8, 139.9, 287.3,
-120.1,   33.1,
   25   12.8,   93.7, 281.9, -124.1,   36.4,   26   12.8, 103.9, 285.9,
-133.5,   42.3,
   27   12.8, 148.8, 289.4, -142.1,   43.4,   28   12.8, 189.2, 284.0,
-146.3,   43.1,
   29   12.8, 223.9, 270.0, -146.1,   41.5,   30   12.8, 251.8, 247.8,
-141.5,   38.6,
   31   12.8, 272.0, 218.1, -132.6,   34.6,   32   12.8, 283.9, 181.7,
-119.6,   29.5,
   33   12.8, 287.3, 139.9, -103.0,   23.5,   34   12.8, 281.9,   93.7,
-83.3,   16.8,
   35   12.8, 285.9, 103.9, -94.3,   9.5,   36   12.8, 289.4, 148.8,
-117.8,   2.6,

SOURCE ID: EG15

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-140.3,	1.4,	2	12.8,	270.0,	223.9,	-157.0,	-5.9,
3	12.8,	247.8,	251.8,	-168.9,	-13.1,	4	12.8,	218.1,	272.0,	-175.7,	-19.9,
5	12.8,	181.7,	283.9,	-177.1,	-26.0,	6	12.8,	139.9,	287.3,	-173.2,	-31.4,
7	12.8,	93.7,	281.9,	-164.0,	-35.8,	8	12.8,	103.9,	285.9,	-158.7,	-42.8,
9	12.8,	148.8,	289.4,	-153.4,	-44.9,	10	12.8,	189.2,	284.0,	-143.4,	-45.6,
11	12.8,	223.9,	270.0,	-129.1,	-45.0,	12	12.8,	251.8,	247.8,	-110.8,	-43.0,
13	12.8,	272.0,	218.1,	-89.2,	-39.7,	14	12.8,	283.9,	181.7,	-64.8,	-35.1,
15	12.8,	287.3,	139.9,	-38.5,	-29.5,	16	12.8,	281.9,	93.7,	-11.1,	-23.1,
17	12.8,	285.9,	103.9,	-9.1,	-15.7,	18	12.8,	289.4,	148.8,	-29.5,	-8.7,
19	12.8,	284.0,	189.2,	-49.0,	-1.4,	20	12.8,	270.0,	223.9,	-67.0,	5.9,
21	12.8,	247.8,	251.8,	-82.9,	13.1,	22	12.8,	218.1,	272.0,	-96.3,	19.9,
23	12.8,	181.7,	283.9,	-106.8,	26.0,	24	12.8,	139.9,	287.3,	-114.1,	31.4,
25	12.8,	93.7,	281.9,	-117.9,	35.8,	26	12.8,	103.9,	285.9,	-127.2,	42.8,
27	12.8,	148.8,	289.4,	-136.0,	44.9,	28	12.8,	189.2,	284.0,	-140.6,	45.6,
29	12.8,	223.9,	270.0,	-140.9,	45.0,	30	12.8,	251.8,	247.8,	-137.0,	43.0,
31	12.8,	272.0,	218.1,	-128.9,	39.7,	32	12.8,	283.9,	181.7,	-116.9,	35.1,
33	12.8,	287.3,	139.9,	-101.3,	29.5,	34	12.8,	281.9,	93.7,	-82.7,	23.1,
35	12.8,	285.9,	103.9,	-94.8,	15.7,	36	12.8,	289.4,	148.8,	-119.3,	8.7,

SOURCE ID: EG16

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-145.7,	12.1,	2	12.8,	270.0,	223.9,	-164.1,	3.6,
3	12.8,	247.8,	251.8,	-177.6,	-4.9,	4	12.8,	218.1,	272.0,	-185.7,	-13.4,

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    5   12.8,  181.7,  283.9, -188.1,  -21.4,      6   12.8,  139.9,  287.3,
-184.8,  -28.7,
    7   12.8,   93.7,  281.9, -175.9,  -35.2,      8   12.8,  103.9,  285.9,
-170.6,  -44.2,
    9   12.8,  148.8,  289.4, -164.8,  -48.4,     10   12.8,  189.2,  284.0,
-154.1,  -51.1,
   11   12.8,  223.9,  270.0, -138.6,  -52.2,     12   12.8,  251.8,  247.8,
-119.0,  -51.7,
   13   12.8,  272.0,  218.1,  -95.7,  -49.7,     14   12.8,  283.9,  181.7,
-69.5,  -46.1,
   15   12.8,  287.3,  139.9,  -41.2,  -41.2,     16   12.8,  281.9,   93.7,
-11.7,  -35.0,
   17   12.8,  285.9,  103.9,   -7.7,  -27.6,     18   12.8,  289.4,  148.8,
-26.0,  -20.1,
   19   12.8,  284.0,  189.2,  -43.5,  -12.1,     20   12.8,  270.0,  223.9,
-59.8,   -3.6,
   21   12.8,  247.8,  251.8,  -74.2,    4.9,     22   12.8,  218.1,  272.0,
-86.3,   13.4,
   23   12.8,  181.7,  283.9,  -95.8,   21.4,     24   12.8,  139.9,  287.3,
-102.5,   28.7,
   25   12.8,   93.7,  281.9, -106.0,   35.2,     26   12.8,  103.9,  285.9,
-115.4,   44.2,
   27   12.8,  148.8,  289.4, -124.5,   48.4,     28   12.8,  189.2,  284.0,
-130.0,   51.1,
   29   12.8,  223.9,  270.0, -131.4,   52.2,     30   12.8,  251.8,  247.8,
-128.9,   51.7,
   31   12.8,  272.0,  218.1, -122.4,   49.7,     32   12.8,  283.9,  181.7,
-112.2,   46.1,
   33   12.8,  287.3,  139.9,  -98.6,   41.2,     34   12.8,  281.9,   93.7,
-82.0,   35.0,
   35   12.8,  285.9,  103.9,  -96.2,   27.6,     36   12.8,  289.4,  148.8,
-122.8,   20.1,

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:07:13

                                   PAGE   9
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: EG17
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -147.9,   18.4,      2   12.8,  270.0,  223.9,
-167.4,    9.5,
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    3   12.8,  247.8,  251.8, -181.9,    0.2,      4   12.8,  218.1,  272.0,
-190.8,   -9.0,
    5   12.8,  181.7,  283.9, -193.9,  -17.9,      6   12.8,  139.9,  287.3,
-191.1,  -26.3,
    7   12.8,   93.7,  281.9, -182.5,  -33.9,      8   12.8,  103.9,  285.9,
-177.3,  -44.2,
    9   12.8,  148.8,  289.4, -171.4,  -49.5,     10   12.8,  189.2,  284.0,
-160.4,  -53.3,
   11   12.8,  223.9,  270.0, -144.5,  -55.5,     12   12.8,  251.8,  247.8,
-124.1,  -56.0,
   13   12.8,  272.0,  218.1, -100.1,  -54.8,     14   12.8,  283.9,  181.7,
-72.9,  -51.9,
   15   12.8,  287.3,  139.9,  -43.6,  -47.4,     16   12.8,  281.9,   93.7,
-12.9,  -41.6,
   17   12.8,  285.9,  103.9,   -7.8,  -34.3,     18   12.8,  289.4,  148.8,
-24.9,  -26.7,
   19   12.8,  284.0,  189.2,  -41.3,  -18.4,     20   12.8,  270.0,  223.9,
-56.5,   -9.5,
   21   12.8,  247.8,  251.8,  -69.9,   -0.2,     22   12.8,  218.1,  272.0,
-81.2,    9.0,
   23   12.8,  181.7,  283.9,  -90.1,   17.9,     24   12.8,  139.9,  287.3,
-96.2,   26.3,
   25   12.8,   93.7,  281.9,  -99.4,   33.9,     26   12.8,  103.9,  285.9,
-108.7,   44.2,
   27   12.8,  148.8,  289.4, -117.9,   49.5,     28   12.8,  189.2,  284.0,
-123.6,   53.3,
   29   12.8,  223.9,  270.0, -125.5,   55.5,     30   12.8,  251.8,  247.8,
-123.7,   56.0,
   31   12.8,  272.0,  218.1, -118.0,   54.8,     32   12.8,  283.9,  181.7,
-108.8,   51.9,
   33   12.8,  287.3,  139.9,  -96.3,   47.4,     34   12.8,  281.9,   93.7,
-80.8,   41.6,
   35   12.8,  285.9,  103.9,  -96.1,   34.3,     36   12.8,  289.4,  148.8,
-123.9,   26.7,


 SOURCE ID: EG18
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -153.6,   29.0,      2   12.8,  270.0,  223.9,
-174.8,   18.9,
    3   12.8,  247.8,  251.8, -190.8,    8.3,      4   12.8,  218.1,  272.0,
-201.0,   -2.6,
    5   12.8,  181.7,  283.9, -205.0,  -13.4,      6   12.8,  139.9,  287.3,
-202.9,  -23.9,
    7   12.8,   93.7,  281.9, -194.5,  -33.5,      8   12.8,  103.9,  285.9,
-189.2,  -45.9,
    9   12.8,  148.8,  289.4, -182.9,  -53.2,     10   12.8,  189.2,  284.0,
-171.0,  -58.9,
   11   12.8,  223.9,  270.0, -153.9,  -62.9,     12   12.8,  251.8,  247.8,
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-132.2,  -64.9,
   13   12.8,  272.0,  218.1, -106.4,  -65.0,     14   12.8,  283.9,  181.7,
-77.4,  -63.0,
   15   12.8,  287.3,  139.9,  -46.1,  -59.2,     16   12.8,  281.9,   93.7,
-13.3,  -53.6,
   17   12.8,  285.9,  103.9,   -6.1,  -46.2,     18   12.8,  289.4,  148.8,
-21.2,  -38.2,
   19   12.8,  284.0,  189.2,  -35.7,  -29.0,     20   12.8,  270.0,  223.9,
-49.1,  -18.9,
   21   12.8,  247.8,  251.8,  -61.0,   -8.3,     22   12.8,  218.1,  272.0,
-71.0,    2.6,
   23   12.8,  181.7,  283.9,  -78.9,   13.4,     24   12.8,  139.9,  287.3,
-84.4,   23.9,
   25   12.8,   93.7,  281.9,  -87.4,   33.5,     26   12.8,  103.9,  285.9,
-96.8,   45.9,
   27   12.8,  148.8,  289.4, -106.5,   53.2,     28   12.8,  189.2,  284.0,
-113.0,   58.9,
   29   12.8,  223.9,  270.0, -116.1,   62.9,     30   12.8,  251.8,  247.8,
-115.6,   64.9,
   31   12.8,  272.0,  218.1, -111.7,   65.0,     32   12.8,  283.9,  181.7,
-104.3,   63.0,
   33   12.8,  287.3,  139.9,  -93.8,   59.2,     34   12.8,  281.9,   93.7,
-80.4,   53.6,
   35   12.8,  285.9,  103.9,  -97.8,   46.2,     36   12.8,  289.4,  148.8,
-127.6,   38.2,


 SOURCE ID: EG19
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -156.2,   34.8,      2   12.8,  270.0,  223.9,
-178.4,   24.1,
    3   12.8,  247.8,  251.8, -195.2,   12.8,      4   12.8,  218.1,  272.0,
-206.1,    1.1,
    5   12.8,  181.7,  283.9, -210.7,  -10.7,      6   12.8,  139.9,  287.3,
-208.9,  -22.1,
    7   12.8,   93.7,  281.9, -200.8,  -32.9,      8   12.8,  103.9,  285.9,
-195.5,  -46.3,
    9   12.8,  148.8,  289.4, -189.0,  -54.8,     10   12.8,  189.2,  284.0,
-176.8,  -61.5,
   11   12.8,  223.9,  270.0, -159.2,  -66.5,     12   12.8,  251.8,  247.8,
-136.7,  -69.3,
   13   12.8,  272.0,  218.1, -110.1,  -70.1,     14   12.8,  283.9,  181.7,
-80.2,  -68.8,
   15   12.8,  287.3,  139.9,  -47.8,  -65.3,     16   12.8,  281.9,   93.7,
-14.0,  -59.9,
   17   12.8,  285.9,  103.9,   -5.6,  -52.5,     18   12.8,  289.4,  148.8,
-19.6,  -44.3,
   19   12.8,  284.0,  189.2,  -33.1,  -34.8,     20   12.8,  270.0,  223.9,
-45.5,  -24.1,
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   21   12.8,  247.8,  251.8,  -56.6,  -12.8,     22   12.8,  218.1,  272.0,
-65.9,   -1.1,
   23   12.8,  181.7,  283.9,  -73.2,   10.7,     24   12.8,  139.9,  287.3,
-78.3,   22.1,
   25   12.8,   93.7,  281.9,  -81.1,   32.9,     26   12.8,  103.9,  285.9,
-90.5,   46.3,
   27   12.8,  148.8,  289.4, -100.4,   54.8,     28   12.8,  189.2,  284.0,
-107.2,   61.5,
   29   12.8,  223.9,  270.0, -110.9,   66.5,     30   12.8,  251.8,  247.8,
-111.1,   69.3,
   31   12.8,  272.0,  218.1, -108.0,   70.1,     32   12.8,  283.9,  181.7,
-101.6,   68.8,
   33   12.8,  287.3,  139.9,  -92.1,   65.3,     34   12.8,  281.9,   93.7,
-79.8,   59.9,
   35   12.8,  285.9,  103.9,  -98.3,   52.5,     36   12.8,  289.4,  148.8,
-129.2,   44.3,


 SOURCE ID: EG20
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -161.3,   45.8,      2   12.8,  270.0,  223.9,
-185.4,   34.1,
    3   12.8,  247.8,  251.8, -203.8,   21.4,      4   12.8,  218.1,  272.0,
-216.1,    8.1,
    5   12.8,  181.7,  283.9, -221.8,   -5.5,      6   12.8,  139.9,  287.3,
-220.7,  -19.0,
    7   12.8,   93.7,  281.9, -213.0,  -31.8,      8   12.8,  103.9,  285.9,
-207.6,  -47.4,
    9   12.8,  148.8,  289.4, -200.8,  -57.9,     10   12.8,  189.2,  284.0,
-187.8,  -66.7,
   11   12.8,  223.9,  270.0, -169.2,  -73.4,     12   12.8,  251.8,  247.8,
-145.3,  -77.9,
   13   12.8,  272.0,  218.1, -117.1,  -80.1,     14   12.8,  283.9,  181.7,
-85.3,  -79.8,
   15   12.8,  287.3,  139.9,  -51.0,  -77.1,     16   12.8,  281.9,   93.7,
-15.1,  -72.0,
   17   12.8,  285.9,  103.9,   -4.6,  -64.7,     18   12.8,  289.4,  148.8,
-16.5,  -56.1,
   19   12.8,  284.0,  189.2,  -27.9,  -45.8,     20   12.8,  270.0,  223.9,
-38.5,  -34.1,
   21   12.8,  247.8,  251.8,  -48.0,  -21.4,     22   12.8,  218.1,  272.0,
-55.9,   -8.1,
   23   12.8,  181.7,  283.9,  -62.2,    5.5,     24   12.8,  139.9,  287.3,
-66.6,   19.0,
   25   12.8,   93.7,  281.9,  -68.9,   31.8,     26   12.8,  103.9,  285.9,
-78.3,   47.4,
   27   12.8,  148.8,  289.4,  -88.6,   57.9,     28   12.8,  189.2,  284.0,
-96.2,   66.7,
   29   12.8,  223.9,  270.0, -100.9,   73.4,     30   12.8,  251.8,  247.8,
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-102.5,   77.9,
   31   12.8, 272.0, 218.1, -101.0,   80.1,   32   12.8, 283.9, 181.7,
-96.4,   79.8,
   33   12.8, 287.3, 139.9, -88.9,   77.1,   34   12.8, 281.9,   93.7,
-78.7,   72.0,
   35   12.8, 285.9, 103.9, -99.3,   64.7,   36   12.8, 289.4, 148.8,
-132.3,   56.1,

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

 SOURCE ID: EG21
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -164.0,   51.3,   2   12.8, 270.0, 223.9,
-189.0,   39.1,
    3   12.8, 247.8, 251.8, -208.2,   25.7,   4   12.8, 218.1, 272.0,
-221.2,   11.5,
    5   12.8, 181.7, 283.9, -227.4,   -3.0,   6   12.8, 139.9, 287.3,
-226.7, -17.5,
    7   12.8,   93.7, 281.9, -219.1, -31.4,   8   12.8, 103.9, 285.9,
-213.7, -48.0,
    9   12.8, 148.8, 289.4, -206.7, -59.6,   10   12.8, 189.2, 284.0,
-193.3, -69.3,
   11   12.8, 223.9, 270.0, -174.1, -77.0,   12   12.8, 251.8, 247.8,
-149.6, -82.3,
   13   12.8, 272.0, 218.1, -120.6, -85.1,   14   12.8, 283.9, 181.7,
-87.8, -85.4,
   15   12.8, 287.3, 139.9, -52.5, -83.0,   16   12.8, 281.9,   93.7,
-15.5, -78.1,
   17   12.8, 285.9, 103.9,   -3.9, -70.8,   18   12.8, 289.4, 148.8,
-14.8, -62.0,
   19   12.8, 284.0, 189.2, -25.3, -51.3,   20   12.8, 270.0, 223.9,
-34.9, -39.1,
   21   12.8, 247.8, 251.8, -43.5, -25.7,   22   12.8, 218.1, 272.0,
-50.8, -11.5,
   23   12.8, 181.7, 283.9, -56.6,   3.0,   24   12.8, 139.9, 287.3,
-60.6,   17.5,
   25   12.8,   93.7, 281.9, -62.8,   31.4,   26   12.8, 103.9, 285.9,
-72.2,   48.0,
   27   12.8, 148.8, 289.4, -82.7,   59.6,   28   12.8, 189.2, 284.0,

-90.7,   69.3,
   29   12.8, 223.9, 270.0, -95.9,   77.0,   30   12.8, 251.8, 247.8,
-98.2,   82.3,
   31   12.8, 272.0, 218.1, -97.5,   85.1,   32   12.8, 283.9, 181.7,
-93.9,   85.4,
   33   12.8, 287.3, 139.9, -87.4,   83.0,   34   12.8, 281.9,   93.7,
-78.2,   78.1,
   35   12.8, 285.9, 103.9, -99.9,   70.8,   36   12.8, 289.4, 148.8,
-134.0,   62.0,

 SOURCE ID: EG22
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -168.6,   62.3,   2   12.8, 270.0, 223.9,
-195.4,   49.2,
    3   12.8, 247.8, 251.8, -216.3,   34.5,   4   12.8, 218.1, 272.0,
-230.7,   18.8,
    5   12.8, 181.7, 283.9, -238.0,   2.4,   6   12.8, 139.9, 287.3,
-238.1, -13.9,
    7   12.8,   93.7, 281.9, -230.9, -29.9,   8   12.8, 103.9, 285.9,
-225.7, -48.6,
    9   12.8, 148.8, 289.4, -218.3, -62.2,   10   12.8, 189.2, 284.0,
-204.4, -74.0,
   11   12.8, 223.9, 270.0, -184.2, -83.5,   12   12.8, 251.8, 247.8,
-158.4, -90.5,
   13   12.8, 272.0, 218.1, -127.8, -94.7,   14   12.8, 283.9, 181.7,
-93.3, -96.0,
   15   12.8, 287.3, 139.9, -56.0, -94.4,   16   12.8, 281.9,   93.7,
-17.0, -90.0,
   17   12.8, 285.9, 103.9,   -3.3, -82.7,   18   12.8, 289.4, 148.8,
-12.2, -73.6,
   19   12.8, 284.0, 189.2, -20.6, -62.3,   20   12.8, 270.0, 223.9,
-28.5, -49.2,
   21   12.8, 247.8, 251.8, -35.4, -34.5,   22   12.8, 218.1, 272.0,
-41.3, -18.8,
   23   12.8, 181.7, 283.9, -46.0,   -2.4,   24   12.8, 139.9, 287.3,
-49.2,   13.9,
   25   12.8,   93.7, 281.9, -50.9,   29.9,   26   12.8, 103.9, 285.9,
-60.3,   48.6,
   27   12.8, 148.8, 289.4, -71.0,   62.2,   28   12.8, 189.2, 284.0,
-79.6,   74.0,
   29   12.8, 223.9, 270.0, -85.8,   83.5,   30   12.8, 251.8, 247.8,
-89.4,   90.5,
   31   12.8, 272.0, 218.1, -90.3,   94.7,   32   12.8, 283.9, 181.7,
-88.4,   96.0,
   33   12.8, 287.3, 139.9, -83.8,   94.4,   34   12.8, 281.9,   93.7,
-76.7,   90.0,
   35   12.8, 285.9, 103.9, -100.5,   82.7,   36   12.8, 289.4, 148.8,
-136.6,   73.6,

SOURCE ID: EG23

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-171.8,	68.3,	2	12.8,	270.0,	223.9,	-199.7,	54.4,
3	12.8,	247.8,	251.8,	-221.4,	38.9,	4	12.8,	218.1,	272.0,	-236.4,	22.2,
5	12.8,	181.7,	283.9,	-244.3,	4.9,	6	12.8,	139.9,	287.3,	-244.7,	-12.6,
7	12.8,	93.7,	281.9,	-237.7,	-29.7,	8	12.8,	103.9,	285.9,	-232.3,	-49.6,
9	12.8,	148.8,	289.4,	-224.7,	-64.4,	10	12.8,	189.2,	284.0,	-210.3,	-77.2,
11	12.8,	223.9,	270.0,	-189.4,	-87.7,	12	12.8,	251.8,	247.8,	-162.8,	-95.5,
13	12.8,	272.0,	218.1,	-131.3,	-100.4,	14	12.8,	283.9,	181.7,	-95.8,	-102.3,
15	12.8,	287.3,	139.9,	-57.3,	-101.0,	16	12.8,	281.9,	93.7,	-17.1,	-96.7,
17	12.8,	285.9,	103.9,	-2.3,	-89.4,	18	12.8,	289.4,	148.8,	-10.0,	-80.0,
19	12.8,	284.0,	189.2,	-17.4,	-68.3,	20	12.8,	270.0,	223.9,	-24.2,	-54.4,
21	12.8,	247.8,	251.8,	-30.4,	-38.9,	22	12.8,	218.1,	272.0,	-35.6,	-22.2,
23	12.8,	181.7,	283.9,	-39.7,	-4.9,	24	12.8,	139.9,	287.3,	-42.6,	12.6,
25	12.8,	93.7,	281.9,	-44.2,	29.7,	26	12.8,	103.9,	285.9,	-53.6,	49.6,
27	12.8,	148.8,	289.4,	-64.7,	64.4,	28	12.8,	189.2,	284.0,	-73.7,	77.2,
29	12.8,	223.9,	270.0,	-80.6,	87.7,	30	12.8,	251.8,	247.8,	-85.0,	95.5,
31	12.8,	272.0,	218.1,	-86.8,	100.4,	32	12.8,	283.9,	181.7,	-86.0,	102.3,
33	12.8,	287.3,	139.9,	-82.5,	101.0,	34	12.8,	281.9,	93.7,	-76.6,	96.7,
35	12.8,	285.9,	103.9,	-101.5,	89.4,	36	12.8,	289.4,	148.8,	-138.8,	80.0,

SOURCE ID: EG24

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-176.8,	79.6,	2	12.8,	270.0,	223.9,	-206.5,	64.7,
3	12.8,	247.8,	251.8,	-229.9,	47.9,	4	12.8,	218.1,	272.0,	-246.4,	29.6,

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    5   12.8,  181.7,  283.9, -255.3,   10.4,      6   12.8,  139.9,  287.3,
-256.5,   -9.1,
    7   12.8,   93.7,  281.9, -250.0,  -28.3,      8   12.8,  103.9,  285.9,
-244.7,  -50.4,
    9   12.8,  148.8,  289.4, -236.7,  -67.3,     10   12.8,  189.2,  284.0,
-221.6,  -82.2,
   11   12.8,  223.9,  270.0, -199.7,  -94.5,     12   12.8,  251.8,  247.8,
-171.8, -104.0,
   13   12.8,  272.0,  218.1, -138.6, -110.4,     14   12.8,  283.9,  181.7,
-101.3, -113.4,
   15   12.8,  287.3,  139.9,  -60.8, -112.9,     16   12.8,  281.9,   93.7,
-18.5, -109.0,
   17   12.8,  285.9,  103.9,   -1.6, -101.7,     18   12.8,  289.4,  148.8,
-7.1,  -92.0,
   19   12.8,  284.0,  189.2,  -12.5,  -79.6,     20   12.8,  270.0,  223.9,
-17.4,  -64.7,
   21   12.8,  247.8,  251.8,  -21.9,  -47.9,     22   12.8,  218.1,  272.0,
-25.6,  -29.6,
   23   12.8,  181.7,  283.9,  -28.6,  -10.4,     24   12.8,  139.9,  287.3,
-30.7,    9.1,
   25   12.8,   93.7,  281.9,  -31.9,   28.3,     26   12.8,  103.9,  285.9,
-41.3,   50.4,
   27   12.8,  148.8,  289.4,  -52.6,   67.3,     28   12.8,  189.2,  284.0,
-62.4,   82.2,
   29   12.8,  223.9,  270.0,  -70.3,   94.5,     30   12.8,  251.8,  247.8,
-76.0,  104.0,
   31   12.8,  272.0,  218.1,  -79.4,  110.4,     32   12.8,  283.9,  181.7,
-80.5,  113.4,
   33   12.8,  287.3,  139.9,  -79.0,  112.9,     34   12.8,  281.9,   93.7,
-75.2,  109.0,
   35   12.8,  285.9,  103.9, -102.3,  101.7,     36   12.8,  289.4,  148.8,
-141.7,   92.0,

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:07:13

                                   PAGE  11
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                   (METERS)

     ( 396558.3, 3766771.1,      87.2,     105.3,       0.0);         ( 396598.3,
3766771.1,      89.5,     106.6,       0.0);
     ( 396638.3, 3766771.1,      97.8,     104.2,       0.0);         ( 396678.3,
3766771.1,     101.8,     101.8,       0.0);
     ( 396718.3, 3766771.1,     104.7,     104.7,       0.0);         ( 396758.3,
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```
3766771.1,     105.8,     106.6,       0.0);
     ( 396798.3, 3766771.1,     101.2,     106.6,       0.0);         ( 396838.3,
3766771.1,     100.7,     100.7,       0.0);
     ( 396878.3, 3766771.1,     100.6,     100.6,       0.0);         ( 396918.3,
3766771.1,     101.0,     101.0,       0.0);
     ( 396958.3, 3766771.1,     101.6,     101.6,       0.0);         ( 396998.3,
3766771.1,     101.3,     101.3,       0.0);
     ( 397038.3, 3766771.1,     101.2,     186.7,       0.0);         ( 397078.3,
3766771.1,     101.0,     186.7,       0.0);
     ( 397118.3, 3766771.1,     101.2,     186.7,       0.0);         ( 397158.3,
3766771.1,     100.3,     186.7,       0.0);
     ( 397198.3, 3766771.1,      98.6,     188.9,       0.0);         ( 397238.3,
3766771.1,      99.4,     189.3,       0.0);
     ( 397278.3, 3766771.1,     101.0,     189.3,       0.0);         ( 397318.3,
3766771.1,     103.0,     189.3,       0.0);
     ( 397358.3, 3766771.1,     103.1,     189.3,       0.0);         ( 397398.3,
3766771.1,     103.4,     190.1,       0.0);
     ( 397438.3, 3766771.1,     103.5,     191.4,       0.0);         ( 397478.3,
3766771.1,     103.5,     192.0,       0.0);
     ( 397518.3, 3766771.1,     103.4,     192.0,       0.0);         ( 397558.3,
3766771.1,     105.3,     192.3,       0.0);
     ( 397598.3, 3766771.1,     111.8,     192.0,       0.0);         ( 397638.3,
3766771.1,     114.4,     192.0,       0.0);
     ( 397678.3, 3766771.1,     109.2,     192.4,       0.0);         ( 397718.3,
3766771.1,     106.2,     192.4,       0.0);
     ( 396558.3, 3766811.1,      87.4,     105.3,       0.0);         ( 396598.3,
3766811.1,      87.7,     106.6,       0.0);
     ( 396638.3, 3766811.1,      95.1,     105.3,       0.0);         ( 396678.3,
3766811.1,     102.9,     104.2,       0.0);
     ( 396718.3, 3766811.1,     103.5,     105.3,       0.0);         ( 396758.3,
3766811.1,     100.8,     106.6,       0.0);
     ( 396798.3, 3766811.1,      99.9,     106.6,       0.0);         ( 396838.3,
3766811.1,     100.6,     100.6,       0.0);
     ( 396878.3, 3766811.1,     100.3,     100.3,       0.0);         ( 396918.3,
3766811.1,     101.1,     101.1,       0.0);
     ( 396958.3, 3766811.1,     101.7,     101.7,       0.0);         ( 396998.3,
3766811.1,     102.3,     102.3,       0.0);
     ( 397038.3, 3766811.1,     102.2,     102.2,       0.0);         ( 397078.3,
3766811.1,     102.0,     102.0,       0.0);
     ( 397118.3, 3766811.1,     102.7,     186.7,       0.0);         ( 397158.3,
3766811.1,     102.7,     186.7,       0.0);
     ( 397198.3, 3766811.1,     102.0,     186.7,       0.0);         ( 397238.3,
3766811.1,     102.4,     187.3,       0.0);
     ( 397278.3, 3766811.1,     102.6,     188.9,       0.0);         ( 397318.3,
3766811.1,     102.3,     189.3,       0.0);
     ( 397358.3, 3766811.1,     102.9,     189.3,       0.0);         ( 397398.3,
3766811.1,     103.2,     189.3,       0.0);
     ( 397438.3, 3766811.1,     103.2,     190.7,       0.0);         ( 397478.3,
3766811.1,     103.5,     192.0,       0.0);
     ( 397518.3, 3766811.1,     103.5,     192.0,       0.0);         ( 397558.3,
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3766811.1,   103.4,   192.3,   0.0);
     (397598.3, 3766811.1,   105.3,   192.4,   0.0);   (397638.3,
3766811.1,   110.4,   192.3,   0.0);
     (397678.3, 3766811.1,   109.8,   192.4,   0.0);   (397718.3,
3766811.1,   107.5,   192.4,   0.0);
     (396558.3, 3766851.1,   89.4,   104.2,   0.0);   (396598.3,
3766851.1,   87.8,   106.6,   0.0);
     (396638.3, 3766851.1,   91.0,   106.6,   0.0);   (396678.3,
3766851.1,   95.7,   105.3,   0.0);
     (396718.3, 3766851.1,   98.7,   105.3,   0.0);   (396758.3,
3766851.1,   98.5,   106.6,   0.0);
     (396798.3, 3766851.1,   99.1,   99.1,   0.0);   (396838.3,
3766851.1,   99.7,   99.7,   0.0);
     (396878.3, 3766851.1,   100.7,   100.7,   0.0);   (396918.3,
3766851.1,   101.2,   101.2,   0.0);
     (396958.3, 3766851.1,   102.0,   102.0,   0.0);   (396998.3,
3766851.1,   102.7,   102.7,   0.0);
     (397038.3, 3766851.1,   102.7,   102.7,   0.0);   (397078.3,
3766851.1,   103.0,   103.0,   0.0);
     (397118.3, 3766851.1,   104.1,   104.1,   0.0);   (397158.3,
3766851.1,   105.3,   105.3,   0.0);
     (397198.3, 3766851.1,   104.5,   184.5,   0.0);   (397238.3,
3766851.1,   104.1,   186.7,   0.0);
     (397278.3, 3766851.1,   104.5,   186.7,   0.0);   (397318.3,
3766851.1,   104.0,   188.9,   0.0);
     (397358.3, 3766851.1,   102.3,   189.3,   0.0);   (397398.3,
3766851.1,   103.0,   189.3,   0.0);
     (397438.3, 3766851.1,   103.2,   190.1,   0.0);   (397478.3,
3766851.1,   103.4,   191.4,   0.0);
     (397518.3, 3766851.1,   103.6,   192.0,   0.0);   (397558.3,
3766851.1,   103.5,   192.0,   0.0);
     (397598.3, 3766851.1,   103.4,   192.4,   0.0);   (397638.3,
3766851.1,   104.2,   192.4,   0.0);
     (397678.3, 3766851.1,   103.5,   192.4,   0.0);   (397718.3,
3766851.1,   107.8,   192.4,   0.0);

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (396558.3, 3766891.1,   90.1,   134.8,   0.0);   (396598.3,
3766891.1,   88.5,   135.4,   0.0);
     (396638.3, 3766891.1,   89.6,   134.8,   0.0);   (396678.3,

```
3766891.1,      96.1,     102.8,       0.0);
     ( 396718.3, 3766891.1,      97.0,      97.0,       0.0);         ( 396758.3,
3766891.1,      97.7,      97.7,       0.0);
     ( 396798.3, 3766891.1,      98.4,      98.4,       0.0);         ( 396838.3,
3766891.1,      99.1,      99.1,       0.0);
     ( 396878.3, 3766891.1,     101.0,     101.0,       0.0);         ( 396918.3,
3766891.1,     100.7,     100.7,       0.0);
     ( 396958.3, 3766891.1,     101.8,     101.8,       0.0);         ( 396998.3,
3766891.1,     102.3,     102.3,       0.0);
     ( 397038.3, 3766891.1,     102.8,     102.8,       0.0);         ( 397078.3,
3766891.1,     104.5,     104.5,       0.0);
     ( 397118.3, 3766891.1,     106.1,     106.1,       0.0);         ( 397158.3,
3766891.1,     105.3,     109.2,       0.0);
     ( 397198.3, 3766891.1,     106.7,     106.7,       0.0);         ( 397238.3,
3766891.1,     107.4,     107.4,       0.0);
     ( 397278.3, 3766891.1,     106.5,     106.5,       0.0);         ( 397318.3,
3766891.1,     106.1,     186.7,       0.0);
     ( 397358.3, 3766891.1,     105.8,     187.3,       0.0);         ( 397398.3,
3766891.1,     104.2,     189.3,       0.0);
     ( 397438.3, 3766891.1,     103.2,     189.3,       0.0);         ( 397478.3,
3766891.1,     103.2,     190.7,       0.0);
     ( 397518.3, 3766891.1,     103.4,     192.0,       0.0);         ( 397558.3,
3766891.1,     103.5,     192.0,       0.0);
     ( 397598.3, 3766891.1,     103.5,     192.3,       0.0);         ( 397638.3,
3766891.1,     103.4,     192.4,       0.0);
     ( 397678.3, 3766891.1,     103.2,     192.4,       0.0);         ( 397718.3,
3766891.1,     103.6,     192.4,       0.0);
     ( 396558.3, 3766931.1,      91.6,     135.4,       0.0);         ( 396598.3,
3766931.1,      89.3,     136.1,       0.0);
     ( 396638.3, 3766931.1,      93.4,     134.8,       0.0);         ( 396678.3,
3766931.1,      94.3,      94.3,       0.0);
     ( 396718.3, 3766931.1,      97.1,      97.1,       0.0);         ( 396758.3,
3766931.1,      98.1,      98.1,       0.0);
     ( 396798.3, 3766931.1,      99.0,      99.0,       0.0);         ( 396838.3,
3766931.1,      99.4,      99.4,       0.0);
     ( 396878.3, 3766931.1,      99.5,      99.5,       0.0);         ( 396918.3,
3766931.1,     100.2,     100.2,       0.0);
     ( 396958.3, 3766931.1,     101.1,     101.1,       0.0);         ( 396998.3,
3766931.1,     102.0,     102.0,       0.0);
     ( 397038.3, 3766931.1,     103.3,     103.3,       0.0);         ( 397078.3,
3766931.1,     106.1,     106.1,       0.0);
     ( 397118.3, 3766931.1,     108.0,     108.0,       0.0);         ( 397158.3,
3766931.1,     107.8,     107.8,       0.0);
     ( 397198.3, 3766931.1,     109.0,     109.0,       0.0);         ( 397238.3,
3766931.1,     109.0,     109.0,       0.0);
     ( 397278.3, 3766931.1,     107.9,     118.5,       0.0);         ( 397318.3,
3766931.1,     107.3,     150.2,       0.0);
     ( 397358.3, 3766931.1,     109.8,     119.4,       0.0);         ( 397398.3,
3766931.1,     107.8,     185.5,       0.0);
     ( 397438.3, 3766931.1,     105.5,     189.1,       0.0);         ( 397478.3,
```

3766931.1,   102.8,   189.3,   0.0);
     (397518.3, 3766931.1,   103.2,   190.7,   0.0);   (397558.3,
3766931.1,   103.4,   192.0,   0.0);
     (397598.3, 3766931.1,   103.5,   192.0,   0.0);   (397638.3,
3766931.1,   103.5,   192.3,   0.0);
     (397678.3, 3766931.1,   103.5,   192.4,   0.0);   (397718.3,
3766931.1,   106.4,   192.4,   0.0);
     (396558.3, 3766971.1,   93.8,   136.1,   0.0);   (396598.3,
3766971.1,   91.2,   136.1,   0.0);
     (396638.3, 3766971.1,   93.6,   135.4,   0.0);   (396678.3,
3766971.1,   94.6,   135.4,   0.0);
     (396718.3, 3766971.1,   96.2,   134.8,   0.0);   (396758.3,
3766971.1,   98.1,   98.1,   0.0);
     (396798.3, 3766971.1,   98.9,   98.9,   0.0);   (396838.3,
3766971.1,   100.1,   100.1,   0.0);
     (396878.3, 3766971.1,   99.9,   99.9,   0.0);   (396918.3,
3766971.1,   100.2,   135.2,   0.0);
     (396958.3, 3766971.1,   101.0,   135.2,   0.0);   (396998.3,
3766971.1,   102.5,   135.2,   0.0);
     (397038.3, 3766971.1,   104.9,   104.9,   0.0);   (397078.3,
3766971.1,   106.9,   106.9,   0.0);
     (397118.3, 3766971.1,   108.8,   108.8,   0.0);   (397158.3,
3766971.1,   109.8,   109.8,   0.0);
     (397198.3, 3766971.1,   109.5,   109.5,   0.0);   (397238.3,
3766971.1,   110.1,   110.1,   0.0);
     (397278.3, 3766971.1,   109.0,   150.2,   0.0);   (397318.3,
3766971.1,   109.5,   150.2,   0.0);
     (397358.3, 3766971.1,   116.2,   118.5,   0.0);   (397398.3,
3766971.1,   115.7,   118.2,   0.0);
     (397438.3, 3766971.1,   109.6,   150.2,   0.0);   (397478.3,
3766971.1,   106.4,   188.4,   0.0);
     (397518.3, 3766971.1,   104.2,   189.3,   0.0);   (397558.3,
3766971.1,   103.3,   191.4,   0.0);
     (397598.3, 3766971.1,   103.3,   192.0,   0.0);   (397638.3,
3766971.1,   103.5,   192.0,   0.0);
     (397678.3, 3766971.1,   104.4,   192.3,   0.0);   (397718.3,
3766971.1,   113.2,   192.0,   0.0);

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     (396558.3, 3767011.1,   95.2,   136.1,   0.0);   (396598.3,

```
3767011.1,      93.1,     136.1,       0.0);
     ( 396638.3, 3767011.1,      94.0,     136.1,       0.0);         ( 396678.3,
3767011.1,      95.6,     136.1,       0.0);
     ( 396718.3, 3767011.1,      96.5,     135.4,       0.0);         ( 396758.3,
3767011.1,      98.1,     134.8,       0.0);
     ( 396798.3, 3767011.1,      99.2,      99.2,       0.0);         ( 396838.3,
3767011.1,     100.3,     135.2,       0.0);
     ( 396878.3, 3767011.1,     100.8,     135.2,       0.0);         ( 396918.3,
3767011.1,     100.7,     141.2,       0.0);
     ( 396958.3, 3767011.1,     100.9,     143.4,       0.0);         ( 396998.3,
3767011.1,     102.8,     141.2,       0.0);
     ( 397038.3, 3767011.1,     105.1,     135.2,       0.0);         ( 397078.3,
3767011.1,     107.1,     107.1,       0.0);
     ( 397118.3, 3767011.1,     109.0,     109.0,       0.0);         ( 397158.3,
3767011.1,     109.6,     109.6,       0.0);
     ( 397198.3, 3767011.1,     109.6,     150.2,       0.0);         ( 397238.3,
3767011.1,     109.7,     150.2,       0.0);
     ( 397278.3, 3767011.1,     109.6,     150.2,       0.0);         ( 397318.3,
3767011.1,     111.0,     150.2,       0.0);
     ( 397358.3, 3767011.1,     115.3,     150.2,       0.0);         ( 397398.3,
3767011.1,     119.3,     119.3,       0.0);
     ( 397438.3, 3767011.1,     113.8,     150.2,       0.0);         ( 397478.3,
3767011.1,     109.4,     150.2,       0.0);
     ( 397518.3, 3767011.1,     107.9,     185.7,       0.0);         ( 397558.3,
3767011.1,     107.2,     188.4,       0.0);
     ( 397598.3, 3767011.1,     106.8,     189.2,       0.0);         ( 397638.3,
3767011.1,     107.4,     190.7,       0.0);
     ( 397678.3, 3767011.1,     112.3,     189.2,       0.0);         ( 397718.3,
3767011.1,     113.2,     190.7,       0.0);
     ( 396558.3, 3767051.1,      96.0,     136.1,       0.0);         ( 396598.3,
3767051.1,      95.3,     136.1,       0.0);
     ( 396638.3, 3767051.1,      94.8,     136.1,       0.0);         ( 396678.3,
3767051.1,      96.0,     136.1,       0.0);
     ( 396718.3, 3767051.1,      97.7,     136.1,       0.0);         ( 396758.3,
3767051.1,      98.3,     135.4,       0.0);
     ( 396798.3, 3767051.1,      99.9,     135.2,       0.0);         ( 396838.3,
3767051.1,     101.1,     135.2,       0.0);
     ( 396878.3, 3767051.1,     101.6,     143.4,       0.0);         ( 396918.3,
3767051.1,     102.7,     143.4,       0.0);
     ( 396958.3, 3767051.1,     103.7,     143.4,       0.0);         ( 396998.3,
3767051.1,     103.4,     143.4,       0.0);
     ( 397038.3, 3767051.1,     105.3,     143.4,       0.0);         ( 397078.3,
3767051.1,     107.3,     141.2,       0.0);
     ( 397118.3, 3767051.1,     109.0,     150.2,       0.0);         ( 397158.3,
3767051.1,     109.3,     150.2,       0.0);
     ( 397198.3, 3767051.1,     109.5,     150.2,       0.0);         ( 397238.3,
3767051.1,     109.1,     150.2,       0.0);
     ( 397278.3, 3767051.1,     110.0,     150.2,       0.0);         ( 397318.3,
3767051.1,     111.4,     150.2,       0.0);
     ( 397358.3, 3767051.1,     112.8,     150.2,       0.0);         ( 397398.3,
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3767051.1,   118.3,   150.2,   0.0);
     (397438.3, 3767051.1,   116.9,   150.2,   0.0);   (397478.3,
3767051.1,   112.9,   150.2,   0.0);
     (397518.3, 3767051.1,   110.3,   150.2,   0.0);   (397558.3,
3767051.1,   110.5,   150.2,   0.0);
     (397598.3, 3767051.1,   109.6,   185.5,   0.0);   (397638.3,
3767051.1,   108.9,   187.1,   0.0);
     (397678.3, 3767051.1,   110.6,   188.8,   0.0);   (397718.3,
3767051.1,   112.2,   188.8,   0.0);
     (396558.3, 3767091.1,   97.7,   136.1,   0.0);   (396598.3,
3767091.1,   99.1,   136.1,   0.0);
     (396638.3, 3767091.1,   97.2,   136.1,   0.0);   (396678.3,
3767091.1,   95.9,   136.1,   0.0);
     (396718.3, 3767091.1,   97.9,   136.1,   0.0);   (396758.3,
3767091.1,   99.5,   136.1,   0.0);
     (396798.3, 3767091.1,   100.3,   143.4,   0.0);   (396838.3,
3767091.1,   101.6,   143.4,   0.0);
     (396878.3, 3767091.1,   102.6,   143.4,   0.0);   (396918.3,
3767091.1,   103.5,   143.4,   0.0);
     (396958.3, 3767091.1,   103.8,   143.4,   0.0);   (396998.3,
3767091.1,   104.4,   143.4,   0.0);
     (397078.3, 3767091.1,   107.3,   150.2,   0.0);   (397118.3,
3767091.1,   108.2,   150.2,   0.0);
     (397158.3, 3767091.1,   109.0,   150.2,   0.0);   (397198.3,
3767091.1,   109.3,   150.2,   0.0);
     (397238.3, 3767091.1,   109.1,   150.2,   0.0);   (397278.3,
3767091.1,   110.1,   150.2,   0.0);
     (397318.3, 3767091.1,   111.5,   150.2,   0.0);   (397358.3,
3767091.1,   112.9,   150.2,   0.0);
     (397398.3, 3767091.1,   116.0,   150.2,   0.0);   (397438.3,
3767091.1,   116.9,   150.2,   0.0);
     (397478.3, 3767091.1,   118.4,   150.2,   0.0);   (397518.3,
3767091.1,   116.7,   150.2,   0.0);
     (397558.3, 3767091.1,   118.0,   150.2,   0.0);   (397598.3,
3767091.1,   115.9,   150.2,   0.0);
     (397638.3, 3767091.1,   111.3,   150.2,   0.0);   (397678.3,
3767091.1,   110.2,   150.2,   0.0);
     (397718.3, 3767091.1,   111.4,   149.0,   0.0);   (396558.3,
3767131.1,   100.6,   136.1,   0.0);

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                  (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                              (METERS)

```
     ( 396598.3, 3767131.1,     100.8,     136.1,       0.0);         ( 396638.3,
3767131.1,     101.2,     136.1,       0.0);
     ( 396678.3, 3767131.1,      97.6,     136.1,       0.0);         ( 396718.3,
3767131.1,      97.7,     143.4,       0.0);
     ( 396758.3, 3767131.1,      99.3,     143.4,       0.0);         ( 396798.3,
3767131.1,     101.5,     143.4,       0.0);
     ( 396838.3, 3767131.1,     102.4,     143.4,       0.0);         ( 396878.3,
3767131.1,     104.3,     143.4,       0.0);
     ( 396918.3, 3767131.1,     103.9,     143.4,       0.0);         ( 396958.3,
3767131.1,     106.0,     143.4,       0.0);
     ( 397238.3, 3767131.1,     110.5,     150.2,       0.0);         ( 397278.3,
3767131.1,     111.1,     150.2,       0.0);
     ( 397318.3, 3767131.1,     111.4,     150.2,       0.0);         ( 397358.3,
3767131.1,     113.5,     150.2,       0.0);
     ( 397398.3, 3767131.1,     116.2,     150.2,       0.0);         ( 397438.3,
3767131.1,     116.8,     150.2,       0.0);
     ( 397478.3, 3767131.1,     119.3,     150.2,       0.0);         ( 397518.3,
3767131.1,     120.4,     150.2,       0.0);
     ( 397558.3, 3767131.1,     119.1,     150.2,       0.0);         ( 397598.3,
3767131.1,     119.8,     150.2,       0.0);
     ( 397638.3, 3767131.1,     113.8,     150.2,       0.0);         ( 397678.3,
3767131.1,     111.1,     150.2,       0.0);
     ( 397718.3, 3767131.1,     111.8,     149.0,       0.0);         ( 396558.3,
3767171.1,     104.5,     136.1,       0.0);
     ( 396598.3, 3767171.1,     103.9,     136.1,       0.0);         ( 396638.3,
3767171.1,     103.1,     136.1,       0.0);
     ( 396678.3, 3767171.1,     102.9,     136.1,       0.0);         ( 396718.3,
3767171.1,      98.2,     179.1,       0.0);
     ( 396758.3, 3767171.1,      99.6,     143.4,       0.0);         ( 396798.3,
3767171.1,     101.7,     143.4,       0.0);
     ( 396838.3, 3767171.1,     103.9,     143.4,       0.0);         ( 396878.3,
3767171.1,     106.7,     143.4,       0.0);
     ( 396918.3, 3767171.1,     109.2,     143.4,       0.0);         ( 397438.3,
3767171.1,     117.1,     150.2,       0.0);
     ( 397478.3, 3767171.1,     118.0,     150.2,       0.0);         ( 397518.3,
3767171.1,     117.0,     150.2,       0.0);
     ( 397558.3, 3767171.1,     116.1,     150.2,       0.0);         ( 397598.3,
3767171.1,     114.9,     150.2,       0.0);
     ( 397638.3, 3767171.1,     113.4,     150.2,       0.0);         ( 397678.3,
3767171.1,     113.4,     150.2,       0.0);
     ( 397718.3, 3767171.1,     113.2,     150.2,       0.0);         ( 396558.3,
3767211.1,     105.9,     136.1,       0.0);
     ( 396598.3, 3767211.1,     106.6,     136.1,       0.0);         ( 396638.3,
3767211.1,     105.2,     136.1,       0.0);
     ( 396678.3, 3767211.1,     106.0,     136.1,       0.0);         ( 396718.3,
3767211.1,     101.0,     179.1,       0.0);
     ( 396758.3, 3767211.1,      99.5,     179.3,       0.0);         ( 396798.3,
3767211.1,     101.1,     187.0,       0.0);
     ( 396838.3, 3767211.1,     105.4,     143.4,       0.0);         ( 396878.3,
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3767211.1,   107.3,   143.4,   0.0);
     (396918.3, 3767211.1,   110.0,   143.4,   0.0);   (396958.3,
3767211.1,   113.1,   143.4,   0.0);
     (397438.3, 3767211.1,   122.4,   150.2,   0.0);   (397478.3,
3767211.1,   123.3,   150.2,   0.0);
     (397518.3, 3767211.1,   119.8,   150.2,   0.0);   (397558.3,
3767211.1,   117.5,   150.2,   0.0);
     (397598.3, 3767211.1,   115.6,   150.2,   0.0);   (397638.3,
3767211.1,   115.1,   150.2,   0.0);
     (397678.3, 3767211.1,   115.2,   150.2,   0.0);   (397718.3,
3767211.1,   114.8,   150.2,   0.0);
     (396558.3, 3767251.1,   109.9,   136.1,   0.0);   (396598.3,
3767251.1,   108.8,   136.1,   0.0);
     (396638.3, 3767251.1,   108.9,   136.1,   0.0);   (396678.3,
3767251.1,   108.1,   137.4,   0.0);
     (396718.3, 3767251.1,   106.6,   137.4,   0.0);   (396758.3,
3767251.1,   100.9,   187.2,   0.0);
     (396798.3, 3767251.1,   101.4,   187.8,   0.0);   (396838.3,
3767251.1,   103.4,   187.8,   0.0);
     (396878.3, 3767251.1,   106.1,   187.2,   0.0);   (396918.3,
3767251.1,   114.7,   143.4,   0.0);
     (396958.3, 3767251.1,   119.3,   143.4,   0.0);   (396998.3,
3767251.1,   120.6,   143.4,   0.0);
     (397038.3, 3767251.1,   121.3,   143.4,   0.0);   (397078.3,
3767251.1,   120.9,   143.4,   0.0);
     (397118.3, 3767251.1,   115.0,   150.2,   0.0);   (397318.3,
3767251.1,   118.0,   150.2,   0.0);
     (397358.3, 3767251.1,   121.3,   150.2,   0.0);   (397398.3,
3767251.1,   130.4,   150.2,   0.0);
     (397438.3, 3767251.1,   134.6,   150.2,   0.0);   (397478.3,
3767251.1,   131.2,   150.2,   0.0);
     (397518.3, 3767251.1,   125.1,   150.2,   0.0);   (397558.3,
3767251.1,   122.6,   150.2,   0.0);
     (397598.3, 3767251.1,   119.3,   150.2,   0.0);   (397638.3,
3767251.1,   117.6,   150.2,   0.0);
     (397678.3, 3767251.1,   117.2,   150.2,   0.0);   (397718.3,
3767251.1,   116.8,   150.2,   0.0);
     (396558.3, 3767291.1,   126.5,   135.4,   0.0);   (396598.3,
3767291.1,   119.3,   136.1,   0.0);
     (396638.3, 3767291.1,   117.1,   136.1,   0.0);   (396678.3,
3767291.1,   115.5,   136.1,   0.0);

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396718.3, 3767291.1, 113.0, 136.1, 0.0); (396758.3, 3767291.1, 102.7, 187.2, 0.0);
(396798.3, 3767291.1, 102.1, 189.9, 0.0); (396838.3, 3767291.1, 103.6, 189.9, 0.0);
(396878.3, 3767291.1, 111.5, 187.0, 0.0); (396918.3, 3767291.1, 120.4, 143.4, 0.0);
(396958.3, 3767291.1, 120.8, 143.4, 0.0); (396998.3, 3767291.1, 127.7, 143.4, 0.0);
(397038.3, 3767291.1, 134.7, 135.2, 0.0); (397078.3, 3767291.1, 134.6, 134.6, 0.0);
(397118.3, 3767291.1, 128.4, 143.4, 0.0); (397158.3, 3767291.1, 116.3, 189.9, 0.0);
(397278.3, 3767291.1, 120.8, 150.2, 0.0); (397318.3, 3767291.1, 121.8, 150.2, 0.0);
(397358.3, 3767291.1, 129.8, 150.2, 0.0); (397398.3, 3767291.1, 141.6, 150.2, 0.0);
(397438.3, 3767291.1, 143.7, 148.7, 0.0); (397478.3, 3767291.1, 140.2, 150.2, 0.0);
(397518.3, 3767291.1, 135.4, 150.2, 0.0); (397558.3, 3767291.1, 137.2, 148.1, 0.0);
(397598.3, 3767291.1, 136.8, 147.8, 0.0); (397638.3, 3767291.1, 129.3, 149.1, 0.0);
(397678.3, 3767291.1, 120.2, 150.6, 0.0); (397718.3, 3767291.1, 118.9, 150.6, 0.0);
(396558.3, 3767331.1, 133.5, 133.5, 0.0); (396598.3, 3767331.1, 134.1, 134.1, 0.0);
(396638.3, 3767331.1, 129.8, 134.4, 0.0); (396678.3, 3767331.1, 122.0, 136.1, 0.0);
(396718.3, 3767331.1, 117.1, 136.1, 0.0); (396758.3, 3767331.1, 107.0, 187.2, 0.0);
(396798.3, 3767331.1, 103.3, 189.9, 0.0); (396838.3, 3767331.1, 104.2, 189.9, 0.0);
(396878.3, 3767331.1, 113.8, 187.2, 0.0); (396918.3, 3767331.1, 120.7, 143.4, 0.0);
(396958.3, 3767331.1, 125.0, 143.4, 0.0); (396998.3, 3767331.1, 126.2, 143.4, 0.0);
(397038.3, 3767331.1, 132.2, 143.4, 0.0); (397078.3, 3767331.1, 134.9, 143.4, 0.0);
(397118.3, 3767331.1, 134.9, 134.9, 0.0); (397158.3, 3767331.1, 125.9, 143.4, 0.0);
(397198.3, 3767331.1, 126.4, 150.2, 0.0); (397238.3, 3767331.1, 124.0, 187.8, 0.0);
(397278.3, 3767331.1, 123.8, 187.8, 0.0); (397318.3, 3767331.1, 128.9, 150.2, 0.0);
(397358.3, 3767331.1, 135.5, 150.2, 0.0); (397398.3, 3767331.1, 147.1, 150.2, 0.0);
(397438.3, 3767331.1, 148.2, 148.2, 0.0); (397478.3,

3767331.1,   146.1,   146.1,   0.0);
     (397518.3, 3767331.1,   145.2,   145.2,   0.0);   (397558.3,
3767331.1,   144.7,   144.7,   0.0);
     (397598.3, 3767331.1,   143.9,   143.9,   0.0);   (397638.3,
3767331.1,   141.2,   144.3,   0.0);
     (397678.3, 3767331.1,   129.5,   149.1,   0.0);   (397718.3,
3767331.1,   121.6,   151.5,   0.0);
     (396558.3, 3767371.1,   135.4,   135.4,   0.0);   (396598.3,
3767371.1,   131.4,   134.0,   0.0);
     (396638.3, 3767371.1,   127.9,   135.4,   0.0);   (396678.3,
3767371.1,   120.6,   136.1,   0.0);
     (396718.3, 3767371.1,   114.4,   179.1,   0.0);   (396758.3,
3767371.1,   109.2,   187.2,   0.0);
     (396798.3, 3767371.1,   104.8,   189.9,   0.0);   (396838.3,
3767371.1,   105.0,   189.9,   0.0);
     (396878.3, 3767371.1,   111.3,   189.9,   0.0);   (396918.3,
3767371.1,   118.7,   187.2,   0.0);
     (396958.3, 3767371.1,   125.0,   143.4,   0.0);   (396998.3,
3767371.1,   126.0,   143.4,   0.0);
     (397038.3, 3767371.1,   130.8,   143.4,   0.0);   (397078.3,
3767371.1,   138.5,   143.4,   0.0);
     (397118.3, 3767371.1,   135.7,   143.4,   0.0);   (397158.3,
3767371.1,   135.0,   142.1,   0.0);
     (397198.3, 3767371.1,   134.4,   137.4,   0.0);   (397238.3,
3767371.1,   129.7,   150.2,   0.0);
     (397278.3, 3767371.1,   127.9,   187.8,   0.0);   (397318.3,
3767371.1,   133.6,   150.2,   0.0);
     (397358.3, 3767371.1,   136.8,   150.2,   0.0);   (397398.3,
3767371.1,   147.7,   150.2,   0.0);
     (397438.3, 3767371.1,   148.5,   148.5,   0.0);   (397478.3,
3767371.1,   148.3,   148.3,   0.0);
     (397518.3, 3767371.1,   146.9,   146.9,   0.0);   (397558.3,
3767371.1,   146.9,   147.8,   0.0);
     (397598.3, 3767371.1,   144.7,   144.7,   0.0);   (397638.3,
3767371.1,   144.2,   144.2,   0.0);
     (397678.3, 3767371.1,   142.7,   144.1,   0.0);   (397718.3,
3767371.1,   130.4,   149.5,   0.0);
     (396558.3, 3767411.1,   135.6,   135.6,   0.0);   (396598.3,
3767411.1,   129.8,   136.1,   0.0);
     (396638.3, 3767411.1,   122.1,   137.4,   0.0);   (396678.3,
3767411.1,   116.5,   179.1,   0.0);
     (396718.3, 3767411.1,   112.7,   187.0,   0.0);   (396758.3,
3767411.1,   110.9,   187.8,   0.0);

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396798.3, 3767411.1, 106.1, 189.9, 0.0); (396838.3, 3767411.1, 106.1, 189.9, 0.0);
(396878.3, 3767411.1, 111.5, 189.9, 0.0); (396918.3, 3767411.1, 117.6, 189.9, 0.0);
(396958.3, 3767411.1, 123.8, 187.2, 0.0); (396998.3, 3767411.1, 130.3, 143.4, 0.0);
(397038.3, 3767411.1, 137.4, 143.4, 0.0); (397078.3, 3767411.1, 142.8, 142.8, 0.0);
(397118.3, 3767411.1, 141.8, 142.1, 0.0); (397158.3, 3767411.1, 138.5, 140.2, 0.0);
(397198.3, 3767411.1, 134.6, 141.6, 0.0); (397238.3, 3767411.1, 132.4, 150.2, 0.0);
(397278.3, 3767411.1, 130.4, 189.9, 0.0); (397318.3, 3767411.1, 132.2, 150.2, 0.0);
(397358.3, 3767411.1, 135.9, 150.2, 0.0); (397398.3, 3767411.1, 144.7, 149.1, 0.0);
(397438.3, 3767411.1, 148.3, 148.3, 0.0); (397478.3, 3767411.1, 148.7, 148.7, 0.0);
(397518.3, 3767411.1, 148.2, 148.2, 0.0); (397558.3, 3767411.1, 148.1, 148.1, 0.0);
(397598.3, 3767411.1, 145.8, 145.8, 0.0); (397638.3, 3767411.1, 144.8, 144.8, 0.0);
(397678.3, 3767411.1, 144.9, 144.9, 0.0); (397718.3, 3767411.1, 142.1, 145.4, 0.0);
(396558.3, 3767451.1, 134.0, 134.0, 0.0); (396598.3, 3767451.1, 130.6, 135.4, 0.0);
(396638.3, 3767451.1, 123.3, 137.4, 0.0); (396678.3, 3767451.1, 118.1, 179.3, 0.0);
(396718.3, 3767451.1, 115.4, 187.0, 0.0); (396758.3, 3767451.1, 112.3, 189.9, 0.0);
(396798.3, 3767451.1, 106.8, 189.9, 0.0); (396838.3, 3767451.1, 108.1, 189.9, 0.0);
(396878.3, 3767451.1, 112.2, 189.9, 0.0); (396918.3, 3767451.1, 117.0, 189.9, 0.0);
(396958.3, 3767451.1, 122.9, 189.9, 0.0); (396998.3, 3767451.1, 129.0, 187.8, 0.0);
(397038.3, 3767451.1, 135.7, 143.4, 0.0); (397078.3, 3767451.1, 139.9, 139.9, 0.0);
(397118.3, 3767451.1, 141.3, 141.3, 0.0); (397158.3, 3767451.1, 140.8, 140.8, 0.0);
(397198.3, 3767451.1, 136.9, 140.6, 0.0); (397238.3, 3767451.1, 134.1, 189.9, 0.0);
(397278.3, 3767451.1, 132.3, 189.9, 0.0); (397318.3, 3767451.1, 132.5, 189.9, 0.0);
(397358.3, 3767451.1, 135.6, 187.8, 0.0); (397398.3,

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3767451.1,     143.1,     148.7,       0.0);
     ( 397438.3, 3767451.1,     147.9,     147.9,       0.0);         ( 397478.3,
3767451.1,     148.3,     148.3,       0.0);
     ( 397518.3, 3767451.1,     148.5,     148.5,       0.0);         ( 397558.3,
3767451.1,     148.6,     148.6,       0.0);
     ( 397598.3, 3767451.1,     146.5,     146.5,       0.0);         ( 397638.3,
3767451.1,     145.6,     145.6,       0.0);
     ( 397678.3, 3767451.1,     145.2,     145.2,       0.0);         ( 397718.3,
3767451.1,     144.2,     144.2,       0.0);
     ( 396558.3, 3767491.1,     132.8,     132.8,       0.0);         ( 396598.3,
3767491.1,     128.0,     137.4,       0.0);
     ( 396638.3, 3767491.1,     125.5,     137.4,       0.0);         ( 396678.3,
3767491.1,     125.2,     179.1,       0.0);
     ( 396718.3, 3767491.1,     123.8,     179.3,       0.0);         ( 396758.3,
3767491.1,     115.7,     187.8,       0.0);
     ( 396798.3, 3767491.1,     107.5,     189.9,       0.0);         ( 396838.3,
3767491.1,     107.8,     189.9,       0.0);
     ( 396878.3, 3767491.1,     111.2,     189.9,       0.0);         ( 396918.3,
3767491.1,     117.4,     189.9,       0.0);
     ( 396958.3, 3767491.1,     122.9,     189.9,       0.0);         ( 396998.3,
3767491.1,     126.8,     189.9,       0.0);
     ( 397038.3, 3767491.1,     133.8,     187.8,       0.0);         ( 397078.3,
3767491.1,     139.8,     139.8,       0.0);
     ( 397118.3, 3767491.1,     141.5,     141.5,       0.0);         ( 397158.3,
3767491.1,     140.6,     140.6,       0.0);
     ( 397198.3, 3767491.1,     137.9,     189.9,       0.0);         ( 397238.3,
3767491.1,     135.4,     189.9,       0.0);
     ( 397278.3, 3767491.1,     133.4,     189.9,       0.0);         ( 397318.3,
3767491.1,     133.1,     189.9,       0.0);
     ( 397358.3, 3767491.1,     133.9,     189.9,       0.0);         ( 397398.3,
3767491.1,     139.5,     148.9,       0.0);
     ( 397438.3, 3767491.1,     144.4,     148.3,       0.0);         ( 397478.3,
3767491.1,     147.4,     147.4,       0.0);
     ( 397518.3, 3767491.1,     148.9,     148.9,       0.0);         ( 397558.3,
3767491.1,     149.0,     149.0,       0.0);
     ( 397598.3, 3767491.1,     146.6,     146.6,       0.0);         ( 397638.3,
3767491.1,     146.2,     146.2,       0.0);
     ( 397678.3, 3767491.1,     145.6,     145.6,       0.0);         ( 397718.3,
3767491.1,     144.7,     146.1,       0.0);
     ( 396558.3, 3767531.1,     133.7,     133.7,       0.0);         ( 396598.3,
3767531.1,     131.3,     137.2,       0.0);
     ( 396638.3, 3767531.1,     134.0,     137.4,       0.0);         ( 396678.3,
3767531.1,     135.0,     137.4,       0.0);
     ( 396718.3, 3767531.1,     129.2,     179.1,       0.0);         ( 396758.3,
3767531.1,     113.3,     189.9,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:07:13
```

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396798.3, 3767531.1, 108.3, 189.9, 0.0); (396838.3, 3767531.1, 109.6, 189.9, 0.0);
(396878.3, 3767531.1, 113.0, 189.9, 0.0); (396918.3, 3767531.1, 115.1, 189.9, 0.0);
(396958.3, 3767531.1, 120.1, 189.9, 0.0); (396998.3, 3767531.1, 124.0, 189.9, 0.0);
(397038.3, 3767531.1, 132.3, 189.9, 0.0); (397078.3, 3767531.1, 136.4, 189.9, 0.0);
(397118.3, 3767531.1, 139.3, 189.9, 0.0); (397158.3, 3767531.1, 141.1, 187.8, 0.0);
(397198.3, 3767531.1, 139.6, 189.9, 0.0); (397238.3, 3767531.1, 136.6, 189.9, 0.0);
(397278.3, 3767531.1, 134.7, 189.9, 0.0); (397318.3, 3767531.1, 133.7, 189.9, 0.0);
(397358.3, 3767531.1, 133.7, 189.9, 0.0); (397398.3, 3767531.1, 135.2, 189.9, 0.0);
(397438.3, 3767531.1, 145.3, 145.3, 0.0); (397478.3, 3767531.1, 148.6, 148.6, 0.0);
(397518.3, 3767531.1, 149.7, 149.7, 0.0); (397558.3, 3767531.1, 149.4, 149.4, 0.0);
(397598.3, 3767531.1, 147.0, 147.0, 0.0); (397638.3, 3767531.1, 147.2, 147.2, 0.0);
(397678.3, 3767531.1, 147.1, 147.1, 0.0); (397718.3, 3767531.1, 146.7, 147.9, 0.0);
(397320.8, 3767219.1, 113.2, 150.2, 0.0); (397330.8, 3767209.1, 113.3, 150.2, 0.0);
(397340.8, 3767189.1, 113.2, 150.2, 0.0); (397340.8, 3767199.1, 113.3, 150.2, 0.0);
(397340.8, 3767209.1, 113.5, 150.2, 0.0); (397350.8, 3767189.1, 113.3, 150.2, 0.0);
(397350.8, 3767199.1, 113.5, 150.2, 0.0); (397360.8, 3767189.1, 113.5, 150.2, 0.0);
(397360.8, 3767199.1, 113.9, 150.2, 0.0); (397370.8, 3767189.1, 113.7, 150.2, 0.0);
(397380.8, 3767189.1, 113.8, 150.2, 0.0); (396934.7, 3767169.5, 108.6, 143.4, 0.0);
(397014.5, 3767229.6, 109.8, 187.2, 0.0); (397044.1, 3767224.0, 109.4, 187.8, 0.0);
(397113.6, 3767239.9, 112.2, 187.8, 0.0); (397158.6, 3767280.3, 114.3, 189.9, 0.0);
(397169.0, 3767307.0, 117.1, 189.9, 0.0); (397244.0, 3767296.7, 115.8, 189.9, 0.0);
(397261.0, 3767278.9, 116.1, 189.9, 0.0); (397409.7,

3767205.7,   117.0,   150.2,   0.0);
     (397422.9, 3767189.2,   116.5,   150.2,   0.0);   (397426.6,
3767180.8,   116.7,   150.2,   0.0);
     (397420.5, 3767170.5,   116.1,   150.2,   0.0);   (397318.7,
3767160.1,   112.5,   150.2,   0.0);
     (397023.0, 3767083.6,   104.9,   143.4,   0.0);   (396920.4,
3767167.3,   108.8,   143.4,   0.0);
     (396990.0, 3767243.5,   118.7,   143.4,   0.0);   (397044.1,
3767224.0,   109.4,   187.8,   0.0);
     (397113.6, 3767239.9,   112.2,   187.8,   0.0);   (397158.6,
3767280.3,   114.3,   189.9,   0.0);
     (397169.0, 3767307.0,   117.1,   189.9,   0.0);   (397244.0,
3767296.7,   115.8,   189.9,   0.0);
     (397261.0, 3767278.9,   116.1,   189.9,   0.0);   (397409.7,
3767205.7,   117.0,   150.2,   0.0);
     (397422.9, 3767189.2,   116.5,   150.2,   0.0);   (397426.6,
3767180.8,   116.7,   150.2,   0.0);
     (397420.5, 3767170.5,   116.1,   150.2,   0.0);   (397318.7,
3767160.1,   112.5,   150.2,   0.0);
     (397023.0, 3767083.6,   104.9,   143.4,   0.0);

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

               NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON

WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: PICO_V9_ADJU\PICO_v9.SFC
Met Version: 16216
Profile file: PICO_V9_ADJU\PICO_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: PICO Name: UNKNOWN

Year: 2010 Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
10	01	01	1	01	-38.6	0.384	-9.000	-9.000	-999.	572.	162.4	0.34	0.73	1.00	3.10	321.	9.1	283.8	5.5
10	01	01	1	02	-33.5	0.333	-9.000	-9.000	-999.	462.	121.8	0.34	0.73	1.00	2.70	217.	9.1	282.5	5.5
10	01	01	1	03	-21.9	0.218	-9.000	-9.000	-999.	251.	52.2	0.34	0.73	1.00	1.80	290.	9.1	282.5	5.5
10	01	01	1	04	-27.1	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	255.	9.1	282.0	5.5
10	01	01	1	05	-21.9	0.218	-9.000	-9.000	-999.	245.	52.2	0.34	0.73	1.00	1.80	234.	9.1	282.0	5.5
10	01	01	1	06	-27.1	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73						

```
1.00    2.20  258.    9.1  282.0    5.5
 10 01 01   1 07  -27.2  0.269 -9.000 -9.000 -999.  334.     79.5  0.34   0.73
1.00    2.20  213.    9.1  281.4    5.5
 10 01 01   1 08  -22.6  0.335 -9.000 -9.000 -999.  466.    151.7  0.34   0.73
0.54    2.70  215.    9.1  282.0    5.5
 10 01 01   1 09   26.9  0.249  0.347  0.008   56.  302.    -51.9  0.34   0.73
0.32    1.80  199.    9.1  284.2    5.5
 10 01 01   1 10   65.3  0.365  0.593  0.008  116.  529.    -67.5  0.34   0.73
0.24    2.70  117.    9.1  288.1    5.5
 10 01 01   1 11   94.5  0.374  0.933  0.008  311.  550.    -50.3  0.34   0.73
0.21    2.70  243.    9.1  290.4    5.5
 10 01 01   1 12  103.9  0.279  1.087  0.008  448.  359.    -19.0  0.34   0.73
0.20    1.80  130.    9.1  293.1    5.5
 10 01 01   1 13   83.7  0.273  1.073  0.008  533.  343.    -22.0  0.34   0.73
0.20    1.80  282.    9.1  294.9    5.5
 10 01 01   1 14   82.0  0.218  1.112  0.008  606.  245.    -11.4  0.34   0.73
0.21    1.30  290.    9.1  295.9    5.5
 10 01 01   1 15   38.9  0.202  0.881  0.008  636.  217.    -19.0  0.34   0.73
0.25    1.30  192.    9.1  294.9    5.5
 10 01 01   1 16   11.4  0.181  0.588  0.008  643.  185.    -47.4  0.34   0.73
0.33    1.30  218.    9.1  293.8    5.5
 10 01 01   1 17  -10.7  0.155 -9.000 -9.000 -999.  147.     31.4  0.34   0.73
0.60    1.30  255.    9.1  292.0    5.5
 10 01 01   1 18   -5.5  0.104 -9.000 -9.000 -999.   81.     18.6  0.34   0.73
1.00    0.90  129.    9.1  289.2    5.5
 10 01 01   1 19  -11.8  0.154 -9.000 -9.000 -999.  145.     27.8  0.34   0.73
1.00    1.30  264.    9.1  287.5    5.5
 10 01 01   1 20  -11.8  0.154 -9.000 -9.000 -999.  144.     27.8  0.34   0.73
1.00    1.30   25.    9.1  287.0    5.5
 10 01 01   1 21  -21.6  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  343.    9.1  285.9    5.5
 10 01 01   1 22  -21.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  332.    9.1  284.9    5.5
 10 01 01   1 23  -21.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  178.    9.1  284.2    5.5
 10 01 01   1 24  -11.8  0.154 -9.000 -9.000 -999.  145.     27.6  0.34   0.73
1.00    1.30   28.    9.1  283.1    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 10 01 01 01    5.5 0 -999.  -99.00   283.8   99.0  -99.00  -99.00
 10 01 01 01    9.1 1  321.    3.10  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:07:13
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***

INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3766771.08	0.37381	396598.26	3766771.08	0.45613
396638.26	3766771.08	0.57471	396678.26	3766771.08	0.70039
396718.26	3766771.08	0.84771	396758.26	3766771.08	0.97286
396798.26	3766771.08	1.01496	396838.26	3766771.08	1.06081
396878.26	3766771.08	1.05727	396918.26	3766771.08	0.99795
396958.26	3766771.08	0.88966	396998.26	3766771.08	0.73838
397038.26	3766771.08	0.57771	397078.26	3766771.08	0.43484
397118.26	3766771.08	0.32516	397158.26	3766771.08	0.24764
397198.26	3766771.08	0.20363	397238.26	3766771.08	0.18505
397278.26	3766771.08	0.18079	397318.26	3766771.08	0.18350
397358.26	3766771.08	0.18464	397398.26	3766771.08	0.18314
397438.26	3766771.08	0.17768	397478.26	3766771.08	0.16951
397518.26	3766771.08	0.15989	397558.26	3766771.08	0.15180
397598.26	3766771.08	0.14916	397638.26		

3766771.08 0.13768
397678.26 3766771.08 0.12613 397718.26
3766771.08 0.11446
396558.26 3766811.08 0.36600 396598.26
3766811.08 0.44207
396638.26 3766811.08 0.56144 396678.26
3766811.08 0.72373
396718.26 3766811.08 0.86630 396758.26
3766811.08 0.98862
396798.26 3766811.08 1.10660 396838.26
3766811.08 1.21465
396878.26 3766811.08 1.24693 396918.26
3766811.08 1.21803
396958.26 3766811.08 1.11050 396998.26
3766811.08 0.94657
397038.26 3766811.08 0.74506 397078.26
3766811.08 0.55661
397118.26 3766811.08 0.40679 397158.26
3766811.08 0.30374
397198.26 3766811.08 0.24463 397238.26
3766811.08 0.22013
397278.26 3766811.08 0.21232 397318.26
3766811.08 0.21085
397358.26 3766811.08 0.21101 397398.26
3766811.08 0.20700
397438.26 3766811.08 0.19878 397478.26
3766811.08 0.18804
397518.26 3766811.08 0.17634 397558.26
3766811.08 0.16395
397598.26 3766811.08 0.15468 397638.26
3766811.08 0.14922
397678.26 3766811.08 0.13729 397718.26
3766811.08 0.12443
396558.26 3766851.08 0.35143 396598.26
3766851.08 0.42458
396638.26 3766851.08 0.52702 396678.26
3766851.08 0.67057
396718.26 3766851.08 0.83102 396758.26
3766851.08 0.99653
396798.26 3766851.08 1.17722 396838.26
3766851.08 1.33376
396878.26 3766851.08 1.44824 396918.26
3766851.08 1.46764
396958.26 3766851.08 1.38467 396998.26
3766851.08 1.20539
397038.26 3766851.08 0.96726 397078.26
3766851.08 0.72329
397118.26 3766851.08 0.52355 397158.26
3766851.08 0.38305
397198.26 3766851.08 0.29855 397238.26

3766851.08   0.26302
         397278.26   3766851.08   0.25352   397318.26
3766851.08   0.24834

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397358.26   3766851.08   0.24065   397398.26
3766851.08   0.23443
         397438.26   3766851.08   0.22287   397478.26
3766851.08   0.20931
         397518.26   3766851.08   0.19489   397558.26
3766851.08   0.18076
         397598.26   3766851.08   0.16680   397638.26
3766851.08   0.15482
         397678.26   3766851.08   0.14163   397718.26
3766851.08   0.13397
         396558.26   3766891.08   0.32794   396598.26
3766891.08   0.40202
         396638.26   3766891.08   0.49669   396678.26
3766891.08   0.63269
         396718.26   3766891.08   0.79859   396758.26
3766891.08   0.98573
         396798.26   3766891.08   1.20434   396838.26
3766891.08   1.42241
         396878.26   3766891.08   1.63180   396918.26

3766891.08 1.70968
396958.26 3766891.08 1.69496 396998.26
3766891.08 1.52698
397038.26 3766891.08 1.25813 397078.26
3766891.08 0.97259
397118.26 3766891.08 0.70129 397158.26
3766891.08 0.48637
397198.26 3766891.08 0.37372 397238.26
3766891.08 0.32608
397278.26 3766891.08 0.30491 397318.26
3766891.08 0.29606
397358.26 3766891.08 0.28714 397398.26
3766891.08 0.26982
397438.26 3766891.08 0.25069 397478.26
3766891.08 0.23306
397518.26 3766891.08 0.21550 397558.26
3766891.08 0.19872
397598.26 3766891.08 0.18269 397638.26
3766891.08 0.16726
397678.26 3766891.08 0.15232 397718.26
3766891.08 0.13905
396558.26 3766931.08 0.30517 396598.26
3766931.08 0.36753
396638.26 3766931.08 0.46525 396678.26
3766931.08 0.58162
396718.26 3766931.08 0.73732 396758.26
3766931.08 0.94146
396798.26 3766931.08 1.17690 396838.26
3766931.08 1.46098
396878.26 3766931.08 1.72666 396918.26
3766931.08 1.94380
396958.26 3766931.08 2.02397 396998.26
3766931.08 1.93127
397038.26 3766931.08 1.67481 397078.26
3766931.08 1.34168
397118.26 3766931.08 0.98450 397158.26
3766931.08 0.67268
397198.26 3766931.08 0.49418 397238.26
3766931.08 0.40756
397278.26 3766931.08 0.37127 397318.26
3766931.08 0.35346
397358.26 3766931.08 0.34717 397398.26
3766931.08 0.31943
397438.26 3766931.08 0.28910 397478.26
3766931.08 0.25929
397518.26 3766931.08 0.23880 397558.26
3766931.08 0.21864
397598.26 3766931.08 0.19936 397638.26
3766931.08 0.18084
397678.26 3766931.08 0.16369 397718.26

3766931.08   0.15133
         396558.26   3766971.08   0.28232   396598.26
3766971.08   0.33800
         396638.26   3766971.08   0.41977   396678.26
3766971.08   0.52326
         396718.26   3766971.08   0.66601   396758.26
3766971.08   0.84694
         396798.26   3766971.08   1.09740   396838.26
3766971.08   1.40544
         396878.26   3766971.08   1.76955   396918.26
3766971.08   2.13252

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396958.26   3766971.08   2.39082   396998.26
3766971.08   2.44634
         397038.26   3766971.08   2.27262   397078.26
3766971.08   1.95239
         397118.26   3766971.08   1.65564   397158.26
3766971.08   1.23812
         397198.26   3766971.08   0.76211   397238.26
3766971.08   0.54980
         397278.26   3766971.08   0.46474   397318.26
3766971.08   0.43512
         397358.26   3766971.08   0.40651   397398.26

3766971.08 0.37536
397438.26 3766971.08 0.34094 397478.26
3766971.08 0.30022
397518.26 3766971.08 0.26674 397558.26
3766971.08 0.23930
397598.26 3766971.08 0.21564 397638.26
3766971.08 0.19424
397678.26 3766971.08 0.17602 397718.26
3766971.08 0.16759
396558.26 3767011.08 0.25844 396598.26
3767011.08 0.30758
396638.26 3767011.08 0.37740 396678.26
3767011.08 0.46834
396718.26 3767011.08 0.58417 396758.26
3767011.08 0.74913
396798.26 3767011.08 0.96573 396838.26
3767011.08 1.28273
396878.26 3767011.08 1.70253 396918.26
3767011.08 2.21545
396958.26 3767011.08 2.69233 396998.26
3767011.08 3.01863
397038.26 3767011.08 3.26792 397078.26
3767011.08 3.46401
397118.26 3767011.08 2.77680 397158.26
3767011.08 1.86098
397198.26 3767011.08 1.17064 397238.26
3767011.08 0.80760
397278.26 3767011.08 0.62843 397318.26
3767011.08 0.54400
397358.26 3767011.08 0.48534 397398.26
3767011.08 0.42462
397438.26 3767011.08 0.39268 397478.26
3767011.08 0.34429
397518.26 3767011.08 0.30396 397558.26
3767011.08 0.26920
397598.26 3767011.08 0.23954 397638.26
3767011.08 0.21463
397678.26 3767011.08 0.19818 397718.26
3767011.08 0.17649
396558.26 3767051.08 0.24016 396598.26
3767051.08 0.28348
396638.26 3767051.08 0.33878 396678.26
3767051.08 0.41400
396718.26 3767051.08 0.51574 396758.26
3767051.08 0.64558
396798.26 3767051.08 0.82771 396838.26
3767051.08 1.10255
396878.26 3767051.08 1.52155 396918.26
3767051.08 2.16386
396958.26 3767051.08 2.94009 396998.26

```
3767051.08        4.11830
         397038.26    3767051.08        5.15144                       397078.26
3767051.08        4.24246
         397118.26    3767051.08        3.42623                       397158.26
3767051.08        2.37533
         397198.26    3767051.08        1.53088                       397238.26
3767051.08        1.02594
         397278.26    3767051.08        0.83964                       397318.26
3767051.08        0.73340
         397358.26    3767051.08        0.58853                       397398.26
3767051.08        0.49372
         397438.26    3767051.08        0.43505                       397478.26
3767051.08        0.39119
         397518.26    3767051.08        0.33831                       397558.26
3767051.08        0.29918
         397598.26    3767051.08        0.26200                       397638.26
3767051.08        0.23019
         397678.26    3767051.08        0.20675                       397718.26
3767051.08        0.18608
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:07:13

                                   PAGE  23
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3767091.08        0.22578                       396598.26
3767091.08        0.26615
         396638.26    3767091.08        0.31071                       396678.26
```

3767091.08 0.36831
396718.26 3767091.08 0.45079 396758.26
3767091.08 0.55754
396798.26 3767091.08 0.70401 396838.26
3767091.08 0.91822
396878.26 3767091.08 1.26162 396918.26
3767091.08 1.84758
396958.26 3767091.08 3.10977 396998.26
3767091.08 6.03237
397078.26 3767091.08 5.42884 397118.26
3767091.08 4.96391
397158.26 3767091.08 3.78998 397198.26
3767091.08 2.40815
397238.26 3767091.08 1.49946 397278.26
3767091.08 1.13377
397318.26 3767091.08 1.03178 397358.26
3767091.08 0.72414
397398.26 3767091.08 0.58016 397438.26
3767091.08 0.49132
397478.26 3767091.08 0.41892 397518.26
3767091.08 0.36675
397558.26 3767091.08 0.31839 397598.26
3767091.08 0.28142
397638.26 3767091.08 0.25006 397678.26
3767091.08 0.21791
397718.26 3767091.08 0.19499 396558.26
3767131.08 0.21793
396598.26 3767131.08 0.25158 396638.26
3767131.08 0.29400
396678.26 3767131.08 0.33635 396718.26
3767131.08 0.39958
396758.26 3767131.08 0.48603 396798.26
3767131.08 0.60578
396838.26 3767131.08 0.76741 396878.26
3767131.08 1.02545
396918.26 3767131.08 1.41278 396958.26
3767131.08 2.62161
397238.26 3767131.08 2.93721 397278.26
3767131.08 1.85629
397318.26 3767131.08 1.39911 397358.26
3767131.08 0.97126
397398.26 3767131.08 0.66946 397438.26
3767131.08 0.55501
397478.26 3767131.08 0.46348 397518.26
3767131.08 0.39553
397558.26 3767131.08 0.34473 397598.26
3767131.08 0.29922
397638.26 3767131.08 0.26918 397678.26
3767131.08 0.23557
397718.26 3767131.08 0.20911 396558.26

```
3767171.08        0.21572
         396598.26    3767171.08        0.24483                        396638.26
3767171.08        0.27957
         396678.26    3767171.08        0.32291                        396718.26
3767171.08        0.36382
         396758.26    3767171.08        0.43326                        396798.26
3767171.08        0.52779
         396838.26    3767171.08        0.66099                        396878.26
3767171.08        0.86174
         396918.26    3767171.08        1.16718                        397438.26
3767171.08        0.65618
         397478.26    3767171.08        0.54478                        397518.26
3767171.08        0.46123
         397558.26    3767171.08        0.39644                        397598.26
3767171.08        0.34358
         397638.26    3767171.08        0.29946                        397678.26
3767171.08        0.26099
         397718.26    3767171.08        0.22886                        396558.26
3767211.08        0.21272
         396598.26    3767211.08        0.24260                        396638.26
3767211.08        0.27295
         396678.26    3767211.08        0.31521                        396718.26
3767211.08        0.34717
         396758.26    3767211.08        0.39781                        396798.26
3767211.08        0.47248
         396838.26    3767211.08        0.58952                        396878.26
3767211.08        0.73868
```



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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	0.96113	396958.26	3767211.08	1.26678
397438.26	3767211.08	0.84256	397478.26	3767211.08	0.67179
397518.26	3767211.08	0.56012	397558.26	3767211.08	0.47394
397598.26	3767211.08	0.40521	397638.26	3767211.08	0.34668
397678.26	3767211.08	0.29712	397718.26	3767211.08	0.25676
396558.26	3767251.08	0.21361	396598.26	3767251.08	0.23929
396638.26	3767251.08	0.27214	396678.26	3767251.08	0.30857
396718.26	3767251.08	0.34873	396758.26	3767251.08	0.38002
396798.26	3767251.08	0.44203	396838.26	3767251.08	0.52907
396878.26	3767251.08	0.65267	396918.26	3767251.08	0.85560
396958.26	3767251.08	1.03688	396998.26	3767251.08	1.38555
397038.26	3767251.08	1.82873	397078.26	3767251.08	3.22575
397118.26	3767251.08	7.72014	397318.26	3767251.08	3.71949
397358.26	3767251.08	2.30326	397398.26	3767251.08	1.58818
397438.26	3767251.08	1.19197	397478.26	3767251.08	0.91089
397518.26	3767251.08	0.72663	397558.26	3767251.08	0.59161
397598.26	3767251.08	0.49259	397638.26	3767251.08	0.41453
397678.26	3767251.08	0.34967	397718.26	3767251.08	0.29655
396558.26	3767291.08	0.20686	396598.26	3767291.08	0.23482
396638.26	3767291.08	0.26726	396678.26	3767291.08	0.30532
396718.26	3767291.08	0.35262	396758.26	3767291.08	0.36713
396798.26	3767291.08	0.41906	396838.26	3767291.08	0.49283
396878.26	3767291.08	0.63801	396918.26		

3767291.08   0.74731
         396958.26   3767291.08   0.91371   396998.26
3767291.08   1.22548
         397038.26   3767291.08   2.31731   397078.26
3767291.08   3.71330
         397118.26   3767291.08   4.29258   397158.26
3767291.08   7.25732
         397278.26   3767291.08   5.50076   397318.26
3767291.08   4.81857
         397358.26   3767291.08   2.98005   397398.26
3767291.08   2.23957
         397438.26   3767291.08   1.65888   397478.26
3767291.08   1.24081
         397518.26   3767291.08   0.95774   397558.26
3767291.08   0.76951
         397598.26   3767291.08   0.62507   397638.26
3767291.08   0.50694
         397678.26   3767291.08   0.41984   397718.26
3767291.08   0.35155
         396558.26   3767331.08   0.20322   396598.26
3767331.08   0.22861
         396638.26   3767331.08   0.25615   396678.26
3767331.08   0.29121
         396718.26   3767331.08   0.33470   396758.26
3767331.08   0.36825
         396798.26   3767331.08   0.40476   396838.26
3767331.08   0.46841
         396878.26   3767331.08   0.59483   396918.26
3767331.08   0.68249
         396958.26   3767331.08   0.82010   396998.26
3767331.08   1.07730
         397038.26   3767331.08   1.78355   397078.26
3767331.08   3.29833
         397118.26   3767331.08   4.70045   397158.26
3767331.08   5.93876

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENERATO ***
                                 INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18

```
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397198.26    3767331.08        6.44728                       397238.26
3767331.08        6.55521
         397278.26    3767331.08        5.89825                       397318.26
3767331.08        4.34688
         397358.26    3767331.08        3.43035                       397398.26
3767331.08        2.76297
         397438.26    3767331.08        2.08411                       397478.26
3767331.08        1.57705
         397518.26    3767331.08        1.22855                       397558.26
3767331.08        0.97886
         397598.26    3767331.08        0.78378                       397638.26
3767331.08        0.63273
         397678.26    3767331.08        0.50920                       397718.26
3767331.08        0.41810
         396558.26    3767371.08        0.19874                       396598.26
3767371.08        0.22061
         396638.26    3767371.08        0.24751                       396678.26
3767371.08        0.28048
         396718.26    3767371.08        0.32298                       396758.26
3767371.08        0.35816
         396798.26    3767371.08        0.38902                       396838.26
3767371.08        0.44311
         396878.26    3767371.08        0.54584                       396918.26
3767371.08        0.62957
         396958.26    3767371.08        0.74551                       396998.26
3767371.08        0.96512
         397038.26    3767371.08        1.41244                       397078.26
3767371.08        2.35928
         397118.26    3767371.08        3.28667                       397158.26
3767371.08        4.28108
         397198.26    3767371.08        4.77214                       397238.26
3767371.08        4.75100
         397278.26    3767371.08        4.45102                       397318.26
3767371.08        3.99105
         397358.26    3767371.08        3.39679                       397398.26
3767371.08        2.90862
         397438.26    3767371.08        2.30259                       397478.26
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```
3767371.08        1.81774
         397518.26    3767371.08        1.44216                        397558.26
3767371.08        1.16045
         397598.26    3767371.08        0.93361                        397638.26
3767371.08        0.75711
         397678.26    3767371.08        0.61487                        397718.26
3767371.08        0.49355
         396558.26    3767411.08        0.19292                        396598.26
3767411.08        0.21335
         396638.26    3767411.08        0.23927                        396678.26
3767411.08        0.27194
         396718.26    3767411.08        0.31101                        396758.26
3767411.08        0.34661
         396798.26    3767411.08        0.37334                        396838.26
3767411.08        0.42082
         396878.26    3767411.08        0.50492                        396918.26
3767411.08        0.57403
         396958.26    3767411.08        0.67005                        396998.26
3767411.08        0.85969
         397038.26    3767411.08        1.24886                        397078.26
3767411.08        1.88382
         397118.26    3767411.08        2.52130                        397158.26
3767411.08        3.07628
         397198.26    3767411.08        3.46155                        397238.26
3767411.08        3.67307
         397278.26    3767411.08        3.64948                        397318.26
3767411.08        3.43972
         397358.26    3767411.08        3.07728                        397398.26
3767411.08        2.74365
         397438.26    3767411.08        2.33584                        397478.26
3767411.08        1.93150
         397518.26    3767411.08        1.58207                        397558.26
3767411.08        1.29883
         397598.26    3767411.08        1.05500                        397638.26
3767411.08        0.86220
         397678.26    3767411.08        0.70879                        397718.26
3767411.08        0.57601
         396558.26    3767451.08        0.18674                        396598.26
3767451.08        0.20671
         396638.26    3767451.08        0.23060                        396678.26
3767451.08        0.25998
         396718.26    3767451.08        0.29314                        396758.26
3767451.08        0.33190
```

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***

INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	0.35205	396838.26	3767451.08	0.39920
396878.26	3767451.08	0.46618	396918.26	3767451.08	0.52311
396958.26	3767451.08	0.60306	396998.26	3767451.08	0.74951
397038.26	3767451.08	1.03373	397078.26	3767451.08	1.46765
397118.26	3767451.08	1.96994	397158.26	3767451.08	2.43024
397198.26	3767451.08	2.73845	397238.26	3767451.08	2.93878
397278.26	3767451.08	2.99030	397318.26	3767451.08	2.89817
397358.26	3767451.08	2.71830	397398.26	3767451.08	2.49849
397438.26	3767451.08	2.23416	397478.26	3767451.08	1.92554
397518.26	3767451.08	1.63565	397558.26	3767451.08	1.37438
397598.26	3767451.08	1.13527	397638.26	3767451.08	0.93950
397678.26	3767451.08	0.77927	397718.26	3767451.08	0.64397
396558.26	3767491.08	0.18073	396598.26	3767491.08	0.19905
396638.26	3767491.08	0.22128	396678.26	3767491.08	0.24628
396718.26	3767491.08	0.27356	396758.26		

3767491.08 0.30768
396798.26 3767491.08 0.32983 396838.26
3767491.08 0.36829
396878.26 3767491.08 0.42320 396918.26
3767491.08 0.47407
396958.26 3767491.08 0.54375 396998.26
3767491.08 0.66180
397038.26 3767491.08 0.87330 397078.26
3767491.08 1.21296
397118.26 3767491.08 1.58892 397158.26
3767491.08 1.93823
397198.26 3767491.08 2.21503 397238.26
3767491.08 2.39431
397278.26 3767491.08 2.47938 397318.26
3767491.08 2.45671
397358.26 3767491.08 2.35127 397398.26
3767491.08 2.21821
397438.26 3767491.08 2.04896 397478.26
3767491.08 1.83649
397518.26 3767491.08 1.61217 397558.26
3767491.08 1.38566
397598.26 3767491.08 1.16830 397638.26
3767491.08 0.98658
397678.26 3767491.08 0.82602 397718.26
3767491.08 0.69116
396558.26 3767531.08 0.17522 396598.26
3767531.08 0.19277
396638.26 3767531.08 0.21488 396678.26
3767531.08 0.23894
396718.26 3767531.08 0.25966 396758.26
3767531.08 0.29144
396798.26 3767531.08 0.30914 396838.26
3767531.08 0.34442
396878.26 3767531.08 0.39148 396918.26
3767531.08 0.43453
396958.26 3767531.08 0.49498 396998.26
3767531.08 0.59392
397038.26 3767531.08 0.77049 397078.26
3767531.08 1.01865
397118.26 3767531.08 1.31628 397158.26
3767531.08 1.62682
397198.26 3767531.08 1.85815 397238.26
3767531.08 2.01415
397278.26 3767531.08 2.09336 397318.26
3767531.08 2.10485
397358.26 3767531.08 2.04813 397398.26
3767531.08 1.94555
397438.26 3767531.08 1.86584 397478.26
3767531.08 1.72194
397518.26 3767531.08 1.53801 397558.26

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

3767296.72   7.79967
         397260.95   3767278.88   6.84492   397409.74
3767205.66   0.98343
         397422.89   3767189.23   0.79025   397426.64
3767180.78   0.73406
         397420.54   3767170.46   0.71731   397318.68
3767160.13   1.96003
         397022.98   3767083.62   5.74259   396920.42
3767167.32   1.20556
         396989.95   3767243.54   1.37210   397044.10
3767223.97   2.70418
         397113.57   3767239.93   8.78454   397158.63
3767280.29   8.99881
         397168.95   3767307.05   6.59628   397244.05
3767296.72   7.79967
         397260.95   3767278.88   6.84492   397409.74
3767205.66   0.98343
         397422.89   3767189.23   0.79025   397426.64
3767180.78   0.73406
         397420.54   3767170.46   0.71731   397318.68
3767160.13   1.96003
         397022.98   3767083.62   5.74259

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -

- - - -

3766811.08   0.21085
         397358.26   3766811.08   0.21101   397398.26
3766811.08   0.20700
         397438.26   3766811.08   0.19878   397478.26
3766811.08   0.18804
         397518.26   3766811.08   0.17634   397558.26
3766811.08   0.16395
         397598.26   3766811.08   0.15468   397638.26
3766811.08   0.14922
         397678.26   3766811.08   0.13729   397718.26
3766811.08   0.12443
         396558.26   3766851.08   0.35143   396598.26
3766851.08   0.42458
         396638.26   3766851.08   0.52702   396678.26
3766851.08   0.67057
         396718.26   3766851.08   0.83102   396758.26
3766851.08   0.99653
         396798.26   3766851.08   1.17722   396838.26
3766851.08   1.33376
         396878.26   3766851.08   1.44824   396918.26
3766851.08   1.46764
         396958.26   3766851.08   1.38467   396998.26
3766851.08   1.20539
         397038.26   3766851.08   0.96726   397078.26
3766851.08   0.72329
         397118.26   3766851.08   0.52355   397158.26
3766851.08   0.38305
         397198.26   3766851.08   0.29855   397238.26
3766851.08   0.26302
         397278.26   3766851.08   0.25352   397318.26
3766851.08   0.24834

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397358.26	3766851.08	0.24065	397398.26	3766851.08	0.23443
397438.26	3766851.08	0.22287	397478.26	3766851.08	0.20931
397518.26	3766851.08	0.19489	397558.26	3766851.08	0.18076
397598.26	3766851.08	0.16680	397638.26	3766851.08	0.15482
397678.26	3766851.08	0.14163	397718.26	3766851.08	0.13397
396558.26	3766891.08	0.32794	396598.26	3766891.08	0.40202
396638.26	3766891.08	0.49669	396678.26	3766891.08	0.63269
396718.26	3766891.08	0.79859	396758.26	3766891.08	0.98573
396798.26	3766891.08	1.20434	396838.26	3766891.08	1.42241
396878.26	3766891.08	1.63180	396918.26	3766891.08	1.70968
396958.26	3766891.08	1.69496	396998.26	3766891.08	1.52698
397038.26	3766891.08	1.25813	397078.26	3766891.08	0.97259
397118.26	3766891.08	0.70129	397158.26	3766891.08	0.48637
397198.26	3766891.08	0.37372	397238.26	3766891.08	0.32608
397278.26	3766891.08	0.30491	397318.26	3766891.08	0.29606
397358.26	3766891.08	0.28714	397398.26	3766891.08	0.26982
397438.26	3766891.08	0.25069	397478.26	3766891.08	0.23306
397518.26	3766891.08	0.21550	397558.26	3766891.08	0.19872
397598.26	3766891.08	0.18269	397638.26	3766891.08	0.16726
397678.26	3766891.08	0.15232	397718.26	3766891.08	0.13905
396558.26	3766931.08	0.30517	396598.26		

3766931.08   0.36753
         396638.26   3766931.08   0.46525   396678.26
3766931.08   0.58162
         396718.26   3766931.08   0.73732   396758.26
3766931.08   0.94146
         396798.26   3766931.08   1.17690   396838.26
3766931.08   1.46098
         396878.26   3766931.08   1.72666   396918.26
3766931.08   1.94380
         396958.26   3766931.08   2.02397   396998.26
3766931.08   1.93127
         397038.26   3766931.08   1.67481   397078.26
3766931.08   1.34168
         397118.26   3766931.08   0.98450   397158.26
3766931.08   0.67268
         397198.26   3766931.08   0.49418   397238.26
3766931.08   0.40756
         397278.26   3766931.08   0.37127   397318.26
3766931.08   0.35346
         397358.26   3766931.08   0.34717   397398.26
3766931.08   0.31943
         397438.26   3766931.08   0.28910   397478.26
3766931.08   0.25929
         397518.26   3766931.08   0.23880   397558.26
3766931.08   0.21864
         397598.26   3766931.08   0.19936   397638.26
3766931.08   0.18084
         397678.26   3766931.08   0.16369   397718.26
3766931.08   0.15133
         396558.26   3766971.08   0.28232   396598.26
3766971.08   0.33800
         396638.26   3766971.08   0.41977   396678.26
3766971.08   0.52326
         396718.26   3766971.08   0.66601   396758.26
3766971.08   0.84694
         396798.26   3766971.08   1.09740   396838.26
3766971.08   1.40544
         396878.26   3766971.08   1.76955   396918.26
3766971.08   2.13252

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG02

```
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396958.26    3766971.08        2.39082                      396998.26
3766971.08        2.44634
         397038.26    3766971.08        2.27262                      397078.26
3766971.08        1.95239
         397118.26    3766971.08        1.65564                      397158.26
3766971.08        1.23812
         397198.26    3766971.08        0.76211                      397238.26
3766971.08        0.54980
         397278.26    3766971.08        0.46474                      397318.26
3766971.08        0.43512
         397358.26    3766971.08        0.40651                      397398.26
3766971.08        0.37536
         397438.26    3766971.08        0.34094                      397478.26
3766971.08        0.30022
         397518.26    3766971.08        0.26674                      397558.26
3766971.08        0.23930
         397598.26    3766971.08        0.21564                      397638.26
3766971.08        0.19424
         397678.26    3766971.08        0.17602                      397718.26
3766971.08        0.16759
         396558.26    3767011.08        0.25844                      396598.26
3767011.08        0.30758
         396638.26    3767011.08        0.37740                      396678.26
3767011.08        0.46834
         396718.26    3767011.08        0.58417                      396758.26
3767011.08        0.74913
         396798.26    3767011.08        0.96573                      396838.26
3767011.08        1.28273
         396878.26    3767011.08        1.70253                      396918.26
3767011.08        2.21545
         396958.26    3767011.08        2.69233                      396998.26
3767011.08        3.01863
         397038.26    3767011.08        3.26792                      397078.26
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3767011.08        3.46401
         397118.26    3767011.08        2.77680                     397158.26
3767011.08        1.86098
         397198.26    3767011.08        1.17064                     397238.26
3767011.08        0.80760
         397278.26    3767011.08        0.62843                     397318.26
3767011.08        0.54400
         397358.26    3767011.08        0.48534                     397398.26
3767011.08        0.42462
         397438.26    3767011.08        0.39268                     397478.26
3767011.08        0.34429
         397518.26    3767011.08        0.30396                     397558.26
3767011.08        0.26920
         397598.26    3767011.08        0.23954                     397638.26
3767011.08        0.21463
         397678.26    3767011.08        0.19818                     397718.26
3767011.08        0.17649
         396558.26    3767051.08        0.24016                     396598.26
3767051.08        0.28348
         396638.26    3767051.08        0.33878                     396678.26
3767051.08        0.41400
         396718.26    3767051.08        0.51574                     396758.26
3767051.08        0.64558
         396798.26    3767051.08        0.82771                     396838.26
3767051.08        1.10255
         396878.26    3767051.08        1.52155                     396918.26
3767051.08        2.16386
         396958.26    3767051.08        2.94009                     396998.26
3767051.08        4.11830
         397038.26    3767051.08        5.15144                     397078.26
3767051.08        4.24246
         397118.26    3767051.08        3.42623                     397158.26
3767051.08        2.37533
         397198.26    3767051.08        1.53088                     397238.26
3767051.08        1.02594
         397278.26    3767051.08        0.83964                     397318.26
3767051.08        0.73340
         397358.26    3767051.08        0.58853                     397398.26
3767051.08        0.49372
         397438.26    3767051.08        0.43505                     397478.26
3767051.08        0.39119
         397518.26    3767051.08        0.33831                     397558.26
3767051.08        0.29918
         397598.26    3767051.08        0.26200                     397638.26
3767051.08        0.23019
         397678.26    3767051.08        0.20675                     397718.26
3767051.08        0.18608
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3767091.08	0.22578	396598.26	3767091.08	0.26615
396638.26	3767091.08	0.31071	396678.26	3767091.08	0.36831
396718.26	3767091.08	0.45079	396758.26	3767091.08	0.55754
396798.26	3767091.08	0.70401	396838.26	3767091.08	0.91822
396878.26	3767091.08	1.26162	396918.26	3767091.08	1.84758
396958.26	3767091.08	3.10977	396998.26	3767091.08	6.03237
397078.26	3767091.08	5.42884	397118.26	3767091.08	4.96391
397158.26	3767091.08	3.78998	397198.26	3767091.08	2.40815
397238.26	3767091.08	1.49946	397278.26	3767091.08	1.13377
397318.26	3767091.08	1.03178	397358.26	3767091.08	0.72414
397398.26	3767091.08	0.58016	397438.26	3767091.08	0.49132
397478.26	3767091.08	0.41892	397518.26	3767091.08	0.36675
397558.26	3767091.08	0.31839	397598.26		

3767091.08 0.28142
397638.26 3767091.08 0.25006 397678.26
3767091.08 0.21791
397718.26 3767091.08 0.19499 396558.26
3767131.08 0.21793
396598.26 3767131.08 0.25158 396638.26
3767131.08 0.29400
396678.26 3767131.08 0.33635 396718.26
3767131.08 0.39958
396758.26 3767131.08 0.48603 396798.26
3767131.08 0.60578
396838.26 3767131.08 0.76741 396878.26
3767131.08 1.02545
396918.26 3767131.08 1.41278 396958.26
3767131.08 2.62161
397238.26 3767131.08 2.93721 397278.26
3767131.08 1.85629
397318.26 3767131.08 1.39911 397358.26
3767131.08 0.97126
397398.26 3767131.08 0.66946 397438.26
3767131.08 0.55501
397478.26 3767131.08 0.46348 397518.26
3767131.08 0.39553
397558.26 3767131.08 0.34473 397598.26
3767131.08 0.29922
397638.26 3767131.08 0.26918 397678.26
3767131.08 0.23557
397718.26 3767131.08 0.20911 396558.26
3767171.08 0.21572
396598.26 3767171.08 0.24483 396638.26
3767171.08 0.27957
396678.26 3767171.08 0.32291 396718.26
3767171.08 0.36382
396758.26 3767171.08 0.43326 396798.26
3767171.08 0.52779
396838.26 3767171.08 0.66099 396878.26
3767171.08 0.86174
396918.26 3767171.08 1.16718 397438.26
3767171.08 0.65618
397478.26 3767171.08 0.54478 397518.26
3767171.08 0.46123
397558.26 3767171.08 0.39644 397598.26
3767171.08 0.34358
397638.26 3767171.08 0.29946 397678.26
3767171.08 0.26099
397718.26 3767171.08 0.22886 396558.26
3767211.08 0.21272
396598.26 3767211.08 0.24260 396638.26
3767211.08 0.27295
396678.26 3767211.08 0.31521 396718.26

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02
, EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10
, EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18
, EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	0.96113	396958.26	3767211.08	1.26678
397438.26	3767211.08	0.84256	397478.26	3767211.08	0.67179
397518.26	3767211.08	0.56012	397558.26	3767211.08	0.47394
397598.26	3767211.08	0.40521	397638.26	3767211.08	0.34668
397678.26	3767211.08	0.29712	397718.26	3767211.08	0.25676
396558.26	3767251.08	0.21361	396598.26	3767251.08	0.23929
396638.26	3767251.08	0.27214	396678.26	3767251.08	0.30857
396718.26	3767251.08	0.34873	396758.26	3767251.08	0.38002
396798.26	3767251.08	0.44203	396838.26		

3767251.08 0.52907
396878.26 3767251.08 0.65267 396918.26 3767251.08 0.85560
396958.26 3767251.08 1.03688 396998.26 3767251.08 1.38555
397038.26 3767251.08 1.82873 397078.26 3767251.08 3.22575
397118.26 3767251.08 7.72014 397318.26 3767251.08 3.71949
397358.26 3767251.08 2.30326 397398.26 3767251.08 1.58818
397438.26 3767251.08 1.19197 397478.26 3767251.08 0.91089
397518.26 3767251.08 0.72663 397558.26 3767251.08 0.59161
397598.26 3767251.08 0.49259 397638.26 3767251.08 0.41453
397678.26 3767251.08 0.34967 397718.26 3767251.08 0.29655
396558.26 3767291.08 0.20686 396598.26 3767291.08 0.23482
396638.26 3767291.08 0.26726 396678.26 3767291.08 0.30532
396718.26 3767291.08 0.35262 396758.26 3767291.08 0.36713
396798.26 3767291.08 0.41906 396838.26 3767291.08 0.49283
396878.26 3767291.08 0.63801 396918.26 3767291.08 0.74731
396958.26 3767291.08 0.91371 396998.26 3767291.08 1.22548
397038.26 3767291.08 2.31731 397078.26 3767291.08 3.71330
397118.26 3767291.08 4.29258 397158.26 3767291.08 7.25732
397278.26 3767291.08 5.50076 397318.26 3767291.08 4.81857
397358.26 3767291.08 2.98005 397398.26 3767291.08 2.23957
397438.26 3767291.08 1.65888 397478.26 3767291.08 1.24081
397518.26 3767291.08 0.95774 397558.26 3767291.08 0.76951
397598.26 3767291.08 0.62507 397638.26 3767291.08 0.50694
397678.26 3767291.08 0.41984 397718.26 3767291.08 0.35155
396558.26 3767331.08 0.20322 396598.26 3767331.08 0.22861
396638.26 3767331.08 0.25615 396678.26

3767331.08   0.29121
         396718.26   3767331.08   0.33470   396758.26
3767331.08   0.36825
         396798.26   3767331.08   0.40476   396838.26
3767331.08   0.46841
         396878.26   3767331.08   0.59483   396918.26
3767331.08   0.68249
         396958.26   3767331.08   0.82010   396998.26
3767331.08   1.07730
         397038.26   3767331.08   1.78355   397078.26
3767331.08   3.29833
         397118.26   3767331.08   4.70045   397158.26
3767331.08   5.93876

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397198.26   3767331.08   6.44728   397238.26
3767331.08   6.55521
         397278.26   3767331.08   5.89825   397318.26
3767331.08   4.34688
         397358.26   3767331.08   3.43035   397398.26
3767331.08   2.76297
         397438.26   3767331.08   2.08411   397478.26
3767331.08   1.57705
         397518.26   3767331.08   1.22855   397558.26

3767331.08 0.97886
397598.26 3767331.08 0.78378 397638.26 3767331.08 0.63273
397678.26 3767331.08 0.50920 397718.26 3767331.08 0.41810
396558.26 3767371.08 0.19874 396598.26 3767371.08 0.22061
396638.26 3767371.08 0.24751 396678.26 3767371.08 0.28048
396718.26 3767371.08 0.32298 396758.26 3767371.08 0.35816
396798.26 3767371.08 0.38902 396838.26 3767371.08 0.44311
396878.26 3767371.08 0.54584 396918.26 3767371.08 0.62957
396958.26 3767371.08 0.74551 396998.26 3767371.08 0.96512
397038.26 3767371.08 1.41244 397078.26 3767371.08 2.35928
397118.26 3767371.08 3.28667 397158.26 3767371.08 4.28108
397198.26 3767371.08 4.77214 397238.26 3767371.08 4.75100
397278.26 3767371.08 4.45102 397318.26 3767371.08 3.99105
397358.26 3767371.08 3.39679 397398.26 3767371.08 2.90862
397438.26 3767371.08 2.30259 397478.26 3767371.08 1.81774
397518.26 3767371.08 1.44216 397558.26 3767371.08 1.16045
397598.26 3767371.08 0.93361 397638.26 3767371.08 0.75711
397678.26 3767371.08 0.61487 397718.26 3767371.08 0.49355
396558.26 3767411.08 0.19292 396598.26 3767411.08 0.21335
396638.26 3767411.08 0.23927 396678.26 3767411.08 0.27194
396718.26 3767411.08 0.31101 396758.26 3767411.08 0.34661
396798.26 3767411.08 0.37334 396838.26 3767411.08 0.42082
396878.26 3767411.08 0.50492 396918.26 3767411.08 0.57403
396958.26 3767411.08 0.67005 396998.26 3767411.08 0.85969
397038.26 3767411.08 1.24886 397078.26 3767411.08 1.88382
397118.26 3767411.08 2.52130 397158.26

```
3767411.08        3.07628
         397198.26    3767411.08        3.46155                      397238.26
3767411.08        3.67307
         397278.26    3767411.08        3.64948                      397318.26
3767411.08        3.43972
         397358.26    3767411.08        3.07728                      397398.26
3767411.08        2.74365
         397438.26    3767411.08        2.33584                      397478.26
3767411.08        1.93150
         397518.26    3767411.08        1.58207                      397558.26
3767411.08        1.29883
         397598.26    3767411.08        1.05500                      397638.26
3767411.08        0.86220
         397678.26    3767411.08        0.70879                      397718.26
3767411.08        0.57601
         396558.26    3767451.08        0.18674                      396598.26
3767451.08        0.20671
         396638.26    3767451.08        0.23060                      396678.26
3767451.08        0.25998
         396718.26    3767451.08        0.29314                      396758.26
3767451.08        0.33190
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:07:13

                                   PAGE  34
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396798.26    3767451.08        0.35205                      396838.26
```

3767451.08 0.39920
396878.26 3767451.08 0.46618 396918.26
3767451.08 0.52311
396958.26 3767451.08 0.60306 396998.26
3767451.08 0.74951
397038.26 3767451.08 1.03373 397078.26
3767451.08 1.46765
397118.26 3767451.08 1.96994 397158.26
3767451.08 2.43024
397198.26 3767451.08 2.73845 397238.26
3767451.08 2.93878
397278.26 3767451.08 2.99030 397318.26
3767451.08 2.89817
397358.26 3767451.08 2.71830 397398.26
3767451.08 2.49849
397438.26 3767451.08 2.23416 397478.26
3767451.08 1.92554
397518.26 3767451.08 1.63565 397558.26
3767451.08 1.37438
397598.26 3767451.08 1.13527 397638.26
3767451.08 0.93950
397678.26 3767451.08 0.77927 397718.26
3767451.08 0.64397
396558.26 3767491.08 0.18073 396598.26
3767491.08 0.19905
396638.26 3767491.08 0.22128 396678.26
3767491.08 0.24628
396718.26 3767491.08 0.27356 396758.26
3767491.08 0.30768
396798.26 3767491.08 0.32983 396838.26
3767491.08 0.36829
396878.26 3767491.08 0.42320 396918.26
3767491.08 0.47407
396958.26 3767491.08 0.54375 396998.26
3767491.08 0.66180
397038.26 3767491.08 0.87330 397078.26
3767491.08 1.21296
397118.26 3767491.08 1.58892 397158.26
3767491.08 1.93823
397198.26 3767491.08 2.21503 397238.26
3767491.08 2.39431
397278.26 3767491.08 2.47938 397318.26
3767491.08 2.45671
397358.26 3767491.08 2.35127 397398.26
3767491.08 2.21821
397438.26 3767491.08 2.04896 397478.26
3767491.08 1.83649
397518.26 3767491.08 1.61217 397558.26
3767491.08 1.38566
397598.26 3767491.08 1.16830 397638.26

```
3767491.08        0.98658
         397678.26    3767491.08        0.82602                        397718.26
3767491.08        0.69116
         396558.26    3767531.08        0.17522                        396598.26
3767531.08        0.19277
         396638.26    3767531.08        0.21488                        396678.26
3767531.08        0.23894
         396718.26    3767531.08        0.25966                        396758.26
3767531.08        0.29144
         396798.26    3767531.08        0.30914                        396838.26
3767531.08        0.34442
         396878.26    3767531.08        0.39148                        396918.26
3767531.08        0.43453
         396958.26    3767531.08        0.49498                        396998.26
3767531.08        0.59392
         397038.26    3767531.08        0.77049                        397078.26
3767531.08        1.01865
         397118.26    3767531.08        1.31628                        397158.26
3767531.08        1.62682
         397198.26    3767531.08        1.85815                        397238.26
3767531.08        2.01415
         397278.26    3767531.08        2.09336                        397318.26
3767531.08        2.10485
         397358.26    3767531.08        2.04813                        397398.26
3767531.08        1.94555
         397438.26    3767531.08        1.86584                        397478.26
3767531.08        1.72194
         397518.26    3767531.08        1.53801                        397558.26
3767531.08        1.34967
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:07:13

                                   PAGE  35
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397598.26	3767531.08	1.16088	397638.26	3767531.08	0.99835
397678.26	3767531.08	0.85294	397718.26	3767531.08	0.72443
397320.82	3767219.11	3.93122	397330.82	3767209.11	3.48995
397340.82	3767189.11	2.55506	397340.82	3767199.11	2.87609
397340.82	3767209.11	3.22001	397350.82	3767189.11	2.24219
397350.82	3767199.11	2.48763	397360.82	3767189.11	1.74557
397360.82	3767199.11	1.92279	397370.82	3767189.11	1.33031
397380.82	3767189.11	1.09269	396934.73	3767169.52	1.31978
397014.53	3767229.60	1.70843	397044.10	3767223.97	2.70418
397113.57	3767239.93	8.78454	397158.63	3767280.29	8.99881
397168.95	3767307.05	6.59628	397244.05	3767296.72	7.79967
397260.95	3767278.88	6.84492	397409.74	3767205.66	0.98343
397422.89	3767189.23	0.79025	397426.64	3767180.78	0.73406
397420.54	3767170.46	0.71731	397318.68	3767160.13	1.96003
397022.98	3767083.62	5.74259	396920.42	3767167.32	1.20556
396989.95	3767243.54	1.37210	397044.10	3767223.97	2.70418
397113.57	3767239.93	8.78454	397158.63	3767280.29	8.99881
397168.95	3767307.05	6.59628	397244.05	3767296.72	7.79967
397260.95	3767278.88	6.84492	397409.74	3767205.66	0.98343
397422.89	3767189.23	0.79025	397426.64	3767180.78	0.73406
397420.54	3767170.46	0.71731	397318.68	3767160.13	1.96003
397022.98	3767083.62	5.74259			

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
                                    INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

3766771.08 15.02495 (11071504)
397438.26 3766771.08 15.19369 (12120423) 397478.26
3766771.08 14.68449 (11070605)
397518.26 3766771.08 13.61114 (10111523) 397558.26
3766771.08 13.13789 (16122418)
397598.26 3766771.08 12.86161 (16122418) 397638.26
3766771.08 11.48812 (10060405)
397678.26 3766771.08 10.03640 (12112804) 397718.26
3766771.08 8.84079 (12090502)
396558.26 3766811.08 5.32199 (15101006) 396598.26
3766811.08 6.23130 (15101006)
396638.26 3766811.08 7.36293 (15101024) 396678.26
3766811.08 8.92341 (16110922)
396718.26 3766811.08 10.43253 (15102003) 396758.26
3766811.08 11.60307 (15102003)
396798.26 3766811.08 12.54197 (16092622) 396838.26
3766811.08 13.78373 (16110921)
396878.26 3766811.08 15.54574 (16110921) 396918.26
3766811.08 16.26004 (16100724)
396958.26 3766811.08 18.07572 (15091204) 396998.26
3766811.08 18.70889 (16091902)
397038.26 3766811.08 19.19423 (12120623) 397078.26
3766811.08 19.63470 (16080505)
397118.26 3766811.08 19.79805 (16102321) 397158.26
3766811.08 19.28323 (16091205)
397198.26 3766811.08 18.48717 (12123022) 397238.26
3766811.08 16.68109 (12123022)
397278.26 3766811.08 16.31692 (15012701) 397318.26
3766811.08 16.70677 (10081705)
397358.26 3766811.08 16.45069 (11011421) 397398.26
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3766811.08 15.61334 (11102624)
397518.26 3766811.08 14.79840 (16122418) 397558.26
3766811.08 13.41613 (16122418)
397598.26 3766811.08 12.60731 (10060405) 397638.26
3766811.08 12.32488 (12090502)
397678.26 3766811.08 11.17740 (12090502) 397718.26
3766811.08 9.58282 (12092703)
396558.26 3766851.08 5.24546 (15102023) 396598.26
3766851.08 6.34665 (15101006)
396638.26 3766851.08 7.65944 (15101006) 396678.26
3766851.08 8.98254 (15101024)
396718.26 3766851.08 10.20226 (15101001) 396758.26
3766851.08 11.56068 (15102003)
396798.26 3766851.08 13.38778 (15102003) 396838.26
3766851.08 14.62452 (16092622)
396878.26 3766851.08 16.38921 (16110921) 396918.26
3766851.08 17.93346 (16110921)
396958.26 3766851.08 18.77375 (15091204) 396998.26

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENERATO ***
                                 INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       397358.26   3766851.08   18.11508 (12120423)   397398.26
 3766851.08   18.33223 (11070605)
       397438.26   3766851.08   17.52806 (11070605)   397478.26
 3766851.08   16.81007 (16122418)
       397518.26   3766851.08   15.46908 (16122418)   397558.26
 3766851.08   14.35595 (11033105)
       397598.26   3766851.08   13.38368 (12090502)   397638.26
 3766851.08   12.33496 (12092703)
       397678.26   3766851.08   10.71061 (12092703)   397718.26
 3766851.08   9.66279 (11092505)
       396558.26   3766891.08   5.66772 (15031501)   396598.26
 3766891.08   6.34542 (11050324)
       396638.26   3766891.08   7.42452 (15101006)   396678.26

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3766891.08        9.37229  (15101006)
       396718.26   3766891.08       10.82332  (15101006)                396758.26
3766891.08       11.94693  (15101001)
       396798.26   3766891.08       13.49020  (15102003)                396838.26
3766891.08       15.59752  (15102003)
       396878.26   3766891.08       17.13434  (16092622)                396918.26
3766891.08       19.03630  (16110921)
       396958.26   3766891.08       20.20710  (12092302)                396998.26
3766891.08       21.87803  (15091204)
       397038.26   3766891.08       22.28918  (16091902)                397078.26
3766891.08       23.53373  (16070504)
       397118.26   3766891.08       24.20248  (16092906)                397158.26
3766891.08       22.72460  (16091205)
       397198.26   3766891.08       22.54514  (12123022)                397238.26
3766891.08       20.16390  (15012701)
       397278.26   3766891.08       20.56004  (10081705)                397318.26
3766891.08       20.67956  (12120423)
       397358.26   3766891.08       21.04101  (12120423)                397398.26
3766891.08       19.98116  (11070605)
       397438.26   3766891.08       18.74053  (16122418)                397478.26
3766891.08       17.49782  (15052704)
       397518.26   3766891.08       16.49410  (11033105)                397558.26
3766891.08       15.62586  (12090502)
       397598.26   3766891.08       14.21577  (12092703)                397638.26
3766891.08       12.29484  (12092703)
       397678.26   3766891.08       10.94497  (10071205)                397718.26
3766891.08        9.84564  (10060604)
       396558.26   3766931.08        5.93036  (15012421)                396598.26
3766931.08        6.81518  (15012421)
       396638.26   3766931.08        7.89249  (15031501)                396678.26
3766931.08        8.85799  (11050324)
       396718.26   3766931.08       10.83943  (15101006)                396758.26
3766931.08       12.78817  (15101006)
       396798.26   3766931.08       14.25454  (15101024)                396838.26
3766931.08       15.69134  (15102003)
       396878.26   3766931.08       18.01610  (15092103)                396918.26
3766931.08       19.30796  (16092622)
       396958.26   3766931.08       21.84214  (16110921)                396998.26
3766931.08       22.59079  (16100724)
       397038.26   3766931.08       24.73150  (15091204)                397078.26
3766931.08       26.31992  (12120623)
       397118.26   3766931.08       27.60111  (16092906)                397158.26
3766931.08       26.42772  (16091205)
       397198.26   3766931.08       26.11310  (12123022)                397238.26
3766931.08       23.11620  (10081705)
       397278.26   3766931.08       22.62794  (10121219)                397318.26
3766931.08       23.58970  (12120423)
       397358.26   3766931.08       24.56378  (11070605)                397398.26
3766931.08       22.64679  (16122418)
       397438.26   3766931.08       20.47215  (15052704)                397478.26
```

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        396958.26   3766971.08   22.51705 (16110921)   396998.26
3766971.08   25.33485 (16110921)
       397038.26   3766971.08   28.08524 (15091204)   397078.26
3766971.08   29.58615 (12120623)
       397118.26   3766971.08   31.73090 (16080505)   397158.26

```
3766971.08       31.46227  (16091205)
       397198.26   3766971.08       29.78202  (12123022)                397238.26
3766971.08       27.62124  (10081705)
       397278.26   3766971.08       27.32379  (12120423)                397318.26
3766971.08       27.20574  (11070605)
       397358.26   3766971.08       26.63546  (16122418)                397398.26
3766971.08       25.38851  (10060405)
       397438.26   3766971.08       23.79398  (12090502)                397478.26
3766971.08       21.11605  (12092703)
       397518.26   3766971.08       18.07587  (12092703)                397558.26
3766971.08       16.49318  (10060604)
       397598.26   3766971.08       15.15973  (11062005)                397638.26
3766971.08       13.65441  (10011407)
       397678.26   3766971.08       12.13848  (10011407)                397718.26
3766971.08       11.33970  (10011407)
       396558.26   3767011.08        5.65947  (12081802)                396598.26
3767011.08        6.36219  (12081802)
       396638.26   3767011.08        7.28092  (15012421)                396678.26
3767011.08        8.94963  (15012421)
       396718.26   3767011.08       10.71053  (15012421)                396758.26
3767011.08       12.51808  (15012421)
       396798.26   3767011.08       14.00704  (15031501)                396838.26
3767011.08       16.54615  (15101006)
       396878.26   3767011.08       19.34001  (15101006)                396918.26
3767011.08       21.04742  (15101001)
       396958.26   3767011.08       24.57717  (15092103)                396998.26
3767011.08       27.61624  (16110921)
       397038.26   3767011.08       30.35588  (15091204)                397078.26
3767011.08       36.82739  (16110921)
       397118.26   3767011.08       41.67633  (15091204)                397158.26
3767011.08       43.76214  (16092906)
       397198.26   3767011.08       43.86942  (16070704)                397238.26
3767011.08       38.43293  (12012103)
       397278.26   3767011.08       31.85715  (11070605)                397318.26
3767011.08       30.78731  (10111523)
       397358.26   3767011.08       28.94733  (10060405)                397398.26
3767011.08       26.89472  (12090502)
       397438.26   3767011.08       25.67206  (12092703)                397478.26
3767011.08       22.45577  (12061801)
       397518.26   3767011.08       20.42899  (11062005)                397558.26
3767011.08       18.35958  (10011407)
       397598.26   3767011.08       16.16702  (10011407)                397638.26
3767011.08       14.15065  (12072502)
       397678.26   3767011.08       13.58585  (15071921)                397718.26
3767011.08       12.06122  (15071921)
       396558.26   3767051.08        5.79463  (10080803)                396598.26
3767051.08        6.57885  (15102805)
       396638.26   3767051.08        7.49120  (12081802)                396678.26
3767051.08        8.72216  (12081802)
       396718.26   3767051.08        9.98450  (12081802)                396758.26
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 3767051.08       11.46706  (15012421)
       396798.26   3767051.08       13.88692  (15012421)                396838.26
 3767051.08       16.29173  (15012421)
       396878.26   3767051.08       18.37233  (15101006)                396918.26
 3767051.08       22.89283  (15101006)
       396958.26   3767051.08       26.02217  (15101024)                396998.26
 3767051.08       33.84147  (16092622)
       397038.26   3767051.08       55.57871  (15102501)                397078.26
 3767051.08       47.25802  (16070503)
       397118.26   3767051.08       47.44069  (12120623)                397158.26
 3767051.08       49.38832  (16070503)
       397198.26   3767051.08       47.33132  (12101501)                397238.26
 3767051.08       47.17284  (16122901)
       397278.26   3767051.08       44.78510  (12092703)                397318.26
 3767051.08       34.35489  (12082824)
       397358.26   3767051.08       32.38351  (12090502)                397398.26
 3767051.08       27.86229  (12092703)
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 3767051.08       24.37271  (11062005)
       397518.26   3767051.08       21.17748  (10011407)                397558.26
 3767051.08       19.19574  (15071921)
       397598.26   3767051.08       17.27213  (15071921)                397638.26
 3767051.08       15.30568  (12092105)
       397678.26   3767051.08       13.97318  (12082324)                397718.26
 3767051.08       12.45747  (12082324)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:07:13

                                   PAGE  39
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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       397558.26   3767131.08       18.89221  (15112119)                397598.26
 3767131.08       17.01648  (15112119)
       397638.26   3767131.08       15.46868  (15112119)                397678.26
 3767131.08       13.48262  (15112119)
       397718.26   3767131.08       11.89515  (12070604)                396558.26
 3767171.08        7.15626  (15101022)
       396598.26   3767171.08        8.11875  (15101022)                396638.26
 3767171.08        9.11523  (15101022)
       396678.26   3767171.08       10.24197  (15101022)                396718.26
 3767171.08       10.78147  (15101022)
       396758.26   3767171.08       12.16339  (15101022)                396798.26
 3767171.08       13.81143  (15101022)
       396838.26   3767171.08       15.84852  (15101022)                396878.26
 3767171.08       18.71494  (10110221)
       396918.26   3767171.08       22.45141  (11052804)                397438.26
 3767171.08       26.97407  (12070604)
       397478.26   3767171.08       23.77223  (12070604)                397518.26
 3767171.08       21.27497  (12070604)
       397558.26   3767171.08       19.04052  (12070604)                397598.26
 3767171.08       16.96128  (12070604)
       397638.26   3767171.08       14.98073  (12070604)                397678.26
 3767171.08       13.11795  (12070604)
       397718.26   3767171.08       11.40529  (12070604)                396558.26
 3767211.08        7.29437  (15021118)
       396598.26   3767211.08        8.43061  (15021118)                396638.26
 3767211.08        9.37868  (15021118)
       396678.26   3767211.08       10.72451  (15021118)                396718.26
 3767211.08       11.11266  (15021118)
       396758.26   3767211.08       12.12828  (15021118)                396798.26
 3767211.08       13.69701  (15021118)
       396838.26   3767211.08       16.31054  (15021118)                396878.26
 3767211.08       19.14760  (12091823)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:07:13

                                  PAGE  40
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396918.26	3767211.08	23.50289	(12091823)	396958.26	3767211.08	28.68711	(12091823)
397438.26	3767211.08	23.18609	(15042323)	397478.26	3767211.08	20.49104	(11052721)
397518.26	3767211.08	18.82236	(11052721)	397558.26	3767211.08	17.12522	(16022418)
397598.26	3767211.08	15.44959	(16022418)	397638.26	3767211.08	13.79051	(16022418)
397678.26	3767211.08	12.22193	(16022418)	397718.26	3767211.08	10.76272	(16022418)
396558.26	3767251.08	7.74172	(12091823)	396598.26	3767251.08	8.78388	(12091823)
396638.26	3767251.08	10.03920	(12091823)	396678.26	3767251.08	11.22867	(12091823)
396718.26	3767251.08	12.28037	(12091823)	396758.26	3767251.08	12.43885	(15061702)
396798.26	3767251.08	13.91462	(12101923)	396838.26	3767251.08	15.92698	(12101923)
396878.26	3767251.08	18.68643	(10063002)	396918.26	3767251.08	23.89522	(10110120)
396958.26	3767251.08	26.02833	(12010420)	396998.26	3767251.08	36.33227	(12010420)
397038.26	3767251.08	22.59895	(15021118)	397078.26	3767251.08	20.08590	(16020818)
397118.26	3767251.08	30.51626	(10092411)	397318.26	3767251.08	40.27928	(12081805)
397358.26	3767251.08	26.86309	(15042323)	397398.26	3767251.08	22.17215	(11061802)
397438.26	3767251.08	19.63793	(15042323)	397478.26	3767251.08	17.62082	(15042323)
397518.26	3767251.08	16.39958	(15042323)	397558.26	3767251.08	15.22295	(15042323)
397598.26	3767251.08	14.06965	(15042323)	397638.26	3767251.08	12.77231	(15042323)
397678.26	3767251.08	11.45554	(15042323)	397718.26	3767251.08	10.18311	(15042323)
396558.26	3767291.08	7.63286	(12101923)	396598.26	3767291.08	8.90179	(12101923)
396638.26	3767291.08	10.16326	(10063002)	396678.26			

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 3767291.08       11.54983  (10110120)
       396718.26   3767291.08       13.07347  (10110120)                396758.26
 3767291.08       12.49283  (12010420)
       396798.26   3767291.08       13.58955  (12111723)                396838.26
 3767291.08       15.27683  (12111819)
       396878.26   3767291.08       19.34319  (15072005)                396918.26
 3767291.08       20.96499  (15072005)
       396958.26   3767291.08       23.04813  (12101924)                396998.26
 3767291.08       26.02179  (12111819)
       397038.26   3767291.08       35.71230  (16020818)                397078.26
 3767291.08       21.80966  (11071203)
       397118.26   3767291.08       23.11394  (11092810)                397158.26
 3767291.08       27.71582  (16060310)
       397278.26   3767291.08       36.92764  (10082321)                397318.26
 3767291.08       31.66702  (10082321)
       397358.26   3767291.08       23.24079  (12090419)                397398.26
 3767291.08       21.43714  (11101218)
       397438.26   3767291.08       18.77938  (15072923)                397478.26
 3767291.08       16.52299  (10121806)
       397518.26   3767291.08       14.87649  (10121806)                397558.26
 3767291.08       13.67991  (10121806)
       397598.26   3767291.08       12.41933  (11061802)                397638.26
 3767291.08       11.28556  (11061802)
       397678.26   3767291.08       10.34028  (12072305)                397718.26
 3767291.08        9.14068  (16081922)
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 3767331.08        8.24853  (12010420)
       396638.26   3767331.08        9.36247  (12111723)                396678.26
 3767331.08       10.88672  (12111819)
       396718.26   3767331.08       12.24464  (12111819)                396758.26
 3767331.08       12.76321  (15072005)
       396798.26   3767331.08       13.24105  (15072005)                396838.26
 3767331.08       14.54950  (12101924)
       396878.26   3767331.08       18.58228  (15060920)                396918.26
 3767331.08       19.34839  (15060920)
       396958.26   3767331.08       19.20122  (15060920)                396998.26
 3767331.08       19.72327  (10110320)
       397038.26   3767331.08       22.39115  (15031320)                397078.26
 3767331.08       26.46482  (10110802)
       397118.26   3767331.08       25.97110  (16092206)                397158.26
 3767331.08       29.37840  (15072203)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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3767371.08       21.27816  (15100918)
       397358.26   3767371.08       19.77837  (15092320)                397398.26
3767371.08       19.51222  (16072623)
       397438.26   3767371.08       17.58232  (10082321)                397478.26
3767371.08       15.87974  (10071521)
       397518.26   3767371.08       14.09145  (15072222)                397558.26
3767371.08       12.68424  (12090419)
       397598.26   3767371.08       11.11603  (16072622)                397638.26
3767371.08        9.91141  (12081805)
       397678.26   3767371.08        8.72088  (15072923)                397718.26
3767371.08        7.51605  (15072204)
       396558.26   3767411.08        6.71537  (15072005)                396598.26
3767411.08        7.56874  (15072005)
       396638.26   3767411.08        8.75585  (12101924)                396678.26
3767411.08       10.00854  (15060920)
       396718.26   3767411.08       11.42511  (15060920)                396758.26
3767411.08       12.19191  (15060920)
       396798.26   3767411.08       11.68353  (15060920)                396838.26
3767411.08       12.38299  (15102922)
       396878.26   3767411.08       14.56152  (10110320)                396918.26
3767411.08       14.94393  (10110802)
       396958.26   3767411.08       13.61750  (10110802)                396998.26
3767411.08       12.87881  (15090406)
       397038.26   3767411.08       12.78043  (16092206)                397078.26
3767411.08       11.77047  (11080902)
       397118.26   3767411.08       12.42537  (15082923)                397158.26
3767411.08       15.62998  (12091522)
       397198.26   3767411.08       17.12881  (15063020)                397238.26
3767411.08       18.17436  (15063020)
       397278.26   3767411.08       19.06283  (15100819)                397318.26
3767411.08       18.33637  (12091419)
       397358.26   3767411.08       17.74800  (15100918)                397398.26
3767411.08       17.27669  (11090624)
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3767411.08       12.40837  (10071521)
       397598.26   3767411.08       10.96098  (15072222)                397638.26
3767411.08        9.77484  (12082403)
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3767451.08        9.34556  (15060920)
       396718.26   3767451.08        9.88360  (15060920)                396758.26
3767451.08       10.78187  (15102922)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
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 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENERATO ***
                               INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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3767491.08        6.75649  (15060920)
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3767491.08        7.95189  (15102922)
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3767491.08       10.00898  (10110320)
       396798.26   3767491.08        9.98604  (10110802)                396838.26
3767491.08        9.95514  (10110802)
       396878.26   3767491.08       10.25005  (11043020)                396918.26
3767491.08       10.91279  (16092206)
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3767491.08        9.39455  (10060418)
       397038.26   3767491.08        8.82297  (11040217)                397078.26
3767491.08        8.80930  (10031317)
       397118.26   3767491.08        9.62540  (10020914)                397158.26
3767491.08       10.91016  (10011715)
       397198.26   3767491.08       12.28476  (15032619)                397238.26
3767491.08       13.43994  (15063020)
       397278.26   3767491.08       14.14513  (15063020)                397318.26
3767491.08       14.20559  (15100819)
       397358.26   3767491.08       14.42825  (16061923)                397398.26
3767491.08       13.90630  (12091419)
       397438.26   3767491.08       13.47449  (12081222)                397478.26
3767491.08       12.96191  (15100918)
       397518.26   3767491.08       12.00798  (12090420)                397558.26
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       397678.26   3767491.08        8.00534  (10071521)                397718.26
3767491.08        7.12026  (10071521)
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3767531.08        6.18354  (10122208)
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3767531.08        7.35020  (10110320)
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3767531.08        8.86145  (10110802)
       396798.26   3767531.08        8.23404  (10110802)                396838.26
3767531.08        8.69638  (11043020)
       396878.26   3767531.08        9.67027  (16092206)                396918.26
3767531.08        9.36138  (16092206)
       396958.26   3767531.08        9.05428  (10041117)                396998.26
3767531.08        8.76778  (11040217)
       397038.26   3767531.08        8.27446  (10053118)                397078.26
3767531.08        8.56852  (10031317)
       397118.26   3767531.08        9.22837  (10020914)                397158.26
3767531.08       10.31222  (10011715)
       397198.26   3767531.08       11.09236  (15032619)                397238.26
3767531.08       11.57645  (11050807)
       397278.26   3767531.08       12.87066  (15063020)                397318.26
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397598.26	3767531.08	9.19671	(15073024)	397638.26	3767531.08	8.35039	(16072623)
397678.26	3767531.08	7.51892	(12092201)	397718.26	3767531.08	6.73084	(10082321)
397320.82	3767219.11	57.17143	(12070604)	397330.82	3767209.11	62.00390	(12070604)
397340.82	3767189.11	65.82752	(15112119)	397340.82	3767199.11	64.88659	(12070604)
397340.82	3767209.11	60.21125	(12070604)	397350.82	3767189.11	66.33797	(12070604)
397350.82	3767199.11	63.23117	(12070604)	397360.82	3767189.11	57.17889	(12070604)
397360.82	3767199.11	55.81465	(12070604)	397370.82	3767189.11	40.75996	(12082324)
397380.82	3767189.11	32.84105	(12070604)	396934.73			

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 3767169.52       23.32409  (11052804)
       397014.53   3767229.60       39.98304  (11083006)                397044.10
 3767223.97       33.63028  (15100324)
       397113.57   3767239.93       32.50569  (16020818)                397158.63
 3767280.29       33.72527  (16060310)
       397168.95   3767307.05       26.69217  (12100411)                397244.05
 3767296.72       39.62362  (15082720)
       397260.95   3767278.88       32.51750  (11101318)                397409.74
 3767205.66       27.03854  (12070604)
       397422.89   3767189.23       27.79925  (12070604)                397426.64
 3767180.78       27.91042  (12070604)
       397420.54   3767170.46       28.64012  (12070604)                397318.68
 3767160.13       62.34408  (16091906)
       397022.98   3767083.62       51.96701  (15092002)                396920.42
 3767167.32       22.21559  (11052804)
       396989.95   3767243.54       39.13038  (10110120)                397044.10
 3767223.97       33.63028  (15100324)
       397113.57   3767239.93       32.50569  (16020818)                397158.63
 3767280.29       33.72527  (16060310)
       397168.95   3767307.05       26.69217  (12100411)                397244.05
 3767296.72       39.62362  (15082720)
       397260.95   3767278.88       32.51750  (11101318)                397409.74
 3767205.66       27.03854  (12070604)
       397422.89   3767189.23       27.79925  (12070604)                397426.64
 3767180.78       27.91042  (12070604)
       397420.54   3767170.46       28.64012  (12070604)                397318.68
 3767160.13       62.34408  (16091906)
       397022.98   3767083.62       51.96701  (15092002)

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Center_Cons\Saturn Data Center_Cons ***        09/22/25
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                                   PAGE  44
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3766771.08	5.04405	(15101024)	396598.26	3766771.08	5.73082	(15101001)
396638.26	3766771.08	6.87820	(16110922)	396678.26	3766771.08	8.45784	(15102003)
396718.26	3766771.08	10.21700	(15102003)	396758.26	3766771.08	11.48367	(16092622)
396798.26	3766771.08	11.58390	(15010618)	396838.26	3766771.08	13.37082	(16110921)
396878.26	3766771.08	14.11861	(12092302)	396918.26	3766771.08	15.11348	(15091204)
396958.26	3766771.08	16.74318	(15091204)	396998.26	3766771.08	16.90396	(16070705)
397038.26	3766771.08	17.72464	(16070504)	397078.26	3766771.08	17.98317	(16080505)
397118.26	3766771.08	17.95571	(16070704)	397158.26	3766771.08	17.39545	(16091205)
397198.26	3766771.08	16.57641	(12123022)	397238.26	3766771.08	15.19743	(12123022)
397278.26	3766771.08	15.23889	(15012701)	397318.26	3766771.08	15.52371	(10081705)
397358.26	3766771.08	15.57362	(10121219)	397398.26	3766771.08	15.02495	(11071504)
397438.26	3766771.08	15.19369	(12120423)	397478.26	3766771.08	14.68449	(11070605)
397518.26	3766771.08	13.61114	(10111523)	397558.26	3766771.08	13.13789	(16122418)
397598.26	3766771.08	12.86161	(16122418)	397638.26	3766771.08	11.48812	(10060405)
397678.26	3766771.08	10.03640	(12112804)	397718.26	3766771.08	8.84079	(12090502)
396558.26	3766811.08	5.32199	(15101006)	396598.26	3766811.08	6.23130	(15101006)
396638.26	3766811.08	7.36293	(15101024)	396678.26	3766811.08	8.92341	(16110922)
396718.26	3766811.08	10.43253	(15102003)	396758.26	3766811.08	11.60307	(15102003)
396798.26	3766811.08	12.54197	(16092622)	396838.26	3766811.08	13.78373	(16110921)
396878.26	3766811.08	15.54574	(16110921)	396918.26	3766811.08	16.26004	(16100724)
396958.26	3766811.08	18.07572	(15091204)	396998.26	3766811.08	18.70889	(16091902)
397038.26	3766811.08	19.19423	(12120623)	397078.26			

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 3766811.08       19.63470  (16080505)
       397118.26   3766811.08       19.79805  (16102321)                397158.26
 3766811.08       19.28323  (16091205)
       397198.26   3766811.08       18.48717  (12123022)                397238.26
 3766811.08       16.68109  (12123022)
       397278.26   3766811.08       16.31692  (15012701)                397318.26
 3766811.08       16.70677  (10081705)
       397358.26   3766811.08       16.45069  (11011421)                397398.26
 3766811.08       16.90712  (12120423)
       397438.26   3766811.08       16.58848  (11070605)                397478.26
 3766811.08       15.61334  (11102624)
       397518.26   3766811.08       14.79840  (16122418)                397558.26
 3766811.08       13.41613  (16122418)
       397598.26   3766811.08       12.60731  (10060405)                397638.26
 3766811.08       12.32488  (12090502)
       397678.26   3766811.08       11.17740  (12090502)                397718.26
 3766811.08        9.58282  (12092703)
       396558.26   3766851.08        5.24546  (15102023)                396598.26
 3766851.08        6.34665  (15101006)
       396638.26   3766851.08        7.65944  (15101006)                396678.26
 3766851.08        8.98254  (15101024)
       396718.26   3766851.08       10.20226  (15101001)                396758.26
 3766851.08       11.56068  (15102003)
       396798.26   3766851.08       13.38778  (15102003)                396838.26
 3766851.08       14.62452  (16092622)
       396878.26   3766851.08       16.38921  (16110921)                396918.26
 3766851.08       17.93346  (16110921)
       396958.26   3766851.08       18.77375  (15091204)                396998.26
 3766851.08       20.59700  (15091204)
       397038.26   3766851.08       20.60555  (16070705)                397078.26
 3766851.08       21.38230  (16070504)
       397118.26   3766851.08       21.70765  (16102321)                397158.26
 3766851.08       21.48342  (16091205)
       397198.26   3766851.08       20.39192  (12123022)                397238.26
 3766851.08       17.94383  (16122904)
       397278.26   3766851.08       18.21873  (10081705)                397318.26
 3766851.08       18.27541  (10121219)
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                                   PAGE  45
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
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 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        397358.26   3766851.08       18.11508  (12120423)               397398.26
 3766851.08       18.33223  (11070605)
        397438.26   3766851.08       17.52806  (11070605)               397478.26
 3766851.08       16.81007  (16122418)
        397518.26   3766851.08       15.46908  (16122418)               397558.26
 3766851.08       14.35595  (11033105)
        397598.26   3766851.08       13.38368  (12090502)               397638.26
 3766851.08       12.33496  (12092703)
        397678.26   3766851.08       10.71061  (12092703)               397718.26
 3766851.08        9.66279  (11092505)
        396558.26   3766891.08        5.66772  (15031501)               396598.26
 3766891.08        6.34542  (11050324)
        396638.26   3766891.08        7.42452  (15101006)               396678.26
 3766891.08        9.37229  (15101006)
        396718.26   3766891.08       10.82332  (15101006)               396758.26
 3766891.08       11.94693  (15101001)
        396798.26   3766891.08       13.49020  (15102003)               396838.26
 3766891.08       15.59752  (15102003)
        396878.26   3766891.08       17.13434  (16092622)               396918.26
 3766891.08       19.03630  (16110921)
        396958.26   3766891.08       20.20710  (12092302)               396998.26
 3766891.08       21.87803  (15091204)
        397038.26   3766891.08       22.28918  (16091902)               397078.26
 3766891.08       23.53373  (16070504)
        397118.26   3766891.08       24.20248  (16092906)               397158.26
 3766891.08       22.72460  (16091205)
        397198.26   3766891.08       22.54514  (12123022)               397238.26
 3766891.08       20.16390  (15012701)
        397278.26   3766891.08       20.56004  (10081705)               397318.26
 3766891.08       20.67956  (12120423)
        397358.26   3766891.08       21.04101  (12120423)               397398.26
 3766891.08       19.98116  (11070605)
        397438.26   3766891.08       18.74053  (16122418)               397478.26
 3766891.08       17.49782  (15052704)
        397518.26   3766891.08       16.49410  (11033105)               397558.26
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 3766891.08       15.62586  (12090502)
       397598.26   3766891.08       14.21577  (12092703)                397638.26
 3766891.08       12.29484  (12092703)
       397678.26   3766891.08       10.94497  (10071205)                397718.26
 3766891.08        9.84564  (10060604)
       396558.26   3766931.08        5.93036  (15012421)                396598.26
 3766931.08        6.81518  (15012421)
       396638.26   3766931.08        7.89249  (15031501)                396678.26
 3766931.08        8.85799  (11050324)
       396718.26   3766931.08       10.83943  (15101006)                396758.26
 3766931.08       12.78817  (15101006)
       396798.26   3766931.08       14.25454  (15101024)                396838.26
 3766931.08       15.69134  (15102003)
       396878.26   3766931.08       18.01610  (15092103)                396918.26
 3766931.08       19.30796  (16092622)
       396958.26   3766931.08       21.84214  (16110921)                396998.26
 3766931.08       22.59079  (16100724)
       397038.26   3766931.08       24.73150  (15091204)                397078.26
 3766931.08       26.31992  (12120623)
       397118.26   3766931.08       27.60111  (16092906)                397158.26
 3766931.08       26.42772  (16091205)
       397198.26   3766931.08       26.11310  (12123022)                397238.26
 3766931.08       23.11620  (10081705)
       397278.26   3766931.08       22.62794  (10121219)                397318.26
 3766931.08       23.58970  (12120423)
       397358.26   3766931.08       24.56378  (11070605)                397398.26
 3766931.08       22.64679  (16122418)
       397438.26   3766931.08       20.47215  (15052704)                397478.26
 3766931.08       18.58549  (12090502)
       397518.26   3766931.08       17.75271  (12090502)                397558.26
 3766931.08       16.10507  (12092703)
       397598.26   3766931.08       14.24413  (10071205)                397638.26
 3766931.08       13.03618  (10060604)
       397678.26   3766931.08       11.75400  (11062005)                397718.26
 3766931.08       10.81823  (10011407)
       396558.26   3766971.08        5.59005  (15012421)                396598.26
 3766971.08        6.67991  (15012421)
       396638.26   3766971.08        8.07772  (15012421)                396678.26
 3766971.08        9.40466  (15012421)
       396718.26   3766971.08       10.65013  (15031501)                396758.26
 3766971.08       12.15015  (15101006)
       396798.26   3766971.08       14.68743  (15101006)                396838.26
 3766971.08       16.70608  (15101024)
       396878.26   3766971.08       18.00983  (15102003)                396918.26
 3766971.08       20.88492  (15092103)
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Center_Cons\Saturn Data Center_Cons ***        09/22/25
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396958.26	3766971.08	22.51705	(16110921)	396998.26	3766971.08	25.33485	(16110921)
397038.26	3766971.08	28.08524	(15091204)	397078.26	3766971.08	29.58615	(12120623)
397118.26	3766971.08	31.73090	(16080505)	397158.26	3766971.08	31.46227	(16091205)
397198.26	3766971.08	29.78202	(12123022)	397238.26	3766971.08	27.62124	(10081705)
397278.26	3766971.08	27.32379	(12120423)	397318.26	3766971.08	27.20574	(11070605)
397358.26	3766971.08	26.63546	(16122418)	397398.26	3766971.08	25.38851	(10060405)
397438.26	3766971.08	23.79398	(12090502)	397478.26	3766971.08	21.11605	(12092703)
397518.26	3766971.08	18.07587	(12092703)	397558.26	3766971.08	16.49318	(10060604)
397598.26	3766971.08	15.15973	(11062005)	397638.26	3766971.08	13.65441	(10011407)
397678.26	3766971.08	12.13848	(10011407)	397718.26	3766971.08	11.33970	(10011407)
396558.26	3767011.08	5.65947	(12081802)	396598.26	3767011.08	6.36219	(12081802)
396638.26	3767011.08	7.28092	(15012421)	396678.26	3767011.08	8.94963	(15012421)
396718.26	3767011.08	10.71053	(15012421)	396758.26	3767011.08	12.51808	(15012421)
396798.26	3767011.08	14.00704	(15031501)	396838.26			

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3767011.08       16.54615  (15101006)
       396878.26   3767011.08       19.34001  (15101006)                396918.26
3767011.08       21.04742  (15101001)
       396958.26   3767011.08       24.57717  (15092103)                396998.26
3767011.08       27.61624  (16110921)
       397038.26   3767011.08       30.35588  (15091204)                397078.26
3767011.08       36.82739  (16110921)
       397118.26   3767011.08       41.67633  (15091204)                397158.26
3767011.08       43.76214  (16092906)
       397198.26   3767011.08       43.86942  (16070704)                397238.26
3767011.08       38.43293  (12012103)
       397278.26   3767011.08       31.85715  (11070605)                397318.26
3767011.08       30.78731  (10111523)
       397358.26   3767011.08       28.94733  (10060405)                397398.26
3767011.08       26.89472  (12090502)
       397438.26   3767011.08       25.67206  (12092703)                397478.26
3767011.08       22.45577  (12061801)
       397518.26   3767011.08       20.42899  (11062005)                397558.26
3767011.08       18.35958  (10011407)
       397598.26   3767011.08       16.16702  (10011407)                397638.26
3767011.08       14.15065  (12072502)
       397678.26   3767011.08       13.58585  (15071921)                397718.26
3767011.08       12.06122  (15071921)
       396558.26   3767051.08        5.79463  (10080803)                396598.26
3767051.08        6.57885  (15102805)
       396638.26   3767051.08        7.49120  (12081802)                396678.26
3767051.08        8.72216  (12081802)
       396718.26   3767051.08        9.98450  (12081802)                396758.26
3767051.08       11.46706  (15012421)
       396798.26   3767051.08       13.88692  (15012421)                396838.26
3767051.08       16.29173  (15012421)
       396878.26   3767051.08       18.37233  (15101006)                396918.26
3767051.08       22.89283  (15101006)
       396958.26   3767051.08       26.02217  (15101024)                396998.26
3767051.08       33.84147  (16092622)
       397038.26   3767051.08       55.57871  (15102501)                397078.26
3767051.08       47.25802  (16070503)
       397118.26   3767051.08       47.44069  (12120623)                397158.26
3767051.08       49.38832  (16070503)
       397198.26   3767051.08       47.33132  (12101501)                397238.26
3767051.08       47.17284  (16122901)
       397278.26   3767051.08       44.78510  (12092703)                397318.26
3767051.08       34.35489  (12082824)
       397358.26   3767051.08       32.38351  (12090502)                397398.26
3767051.08       27.86229  (12092703)
       397438.26   3767051.08       26.32333  (11062005)                397478.26
3767051.08       24.37271  (11062005)
       397518.26   3767051.08       21.17748  (10011407)                397558.26
3767051.08       19.19574  (15071921)
       397598.26   3767051.08       17.27213  (15071921)                397638.26
```

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3767091.08	6.07298	(11082104)	396598.26	3767091.08	7.04198	(11082104)
396638.26	3767091.08	7.78997	(11082104)	396678.26	3767091.08	8.65261	(12060905)
396718.26	3767091.08	9.83541	(11102024)	396758.26	3767091.08	11.21530	(12081802)
396798.26	3767091.08	12.99025	(12081802)	396838.26	3767091.08	14.86922	(12081802)
396878.26	3767091.08	18.11835	(15012421)	396918.26	3767091.08	21.87960	(15012421)
396958.26	3767091.08	26.84058	(15101006)	396998.26	3767091.08	52.32557	(12021618)
397078.26	3767091.08	40.89170	(15091204)	397118.26	3767091.08	44.38068	(16070503)
397158.26	3767091.08	48.56645	(16070503)	397198.26	3767091.08	47.01213	(11071504)
397238.26	3767091.08	47.42303	(16122418)	397278.26	3767091.08	49.82611	(16122418)
397318.26	3767091.08	53.53637	(12102521)	397358.26			

```
3767091.08       34.08757  (16022402)
       397398.26   3767091.08       30.44365  (10011407)                397438.26
3767091.08       26.50434  (15071921)
       397478.26   3767091.08       24.16350  (15071921)                397518.26
3767091.08       22.24559  (12082324)
       397558.26   3767091.08       20.11186  (12082324)                397598.26
3767091.08       18.04956  (12082324)
       397638.26   3767091.08       15.63499  (12082324)                397678.26
3767091.08       13.23021  (12082324)
       397718.26   3767091.08       11.62659  (12091206)                396558.26
3767131.08        6.49055  (11052804)
       396598.26   3767131.08        7.36712  (11052804)                396638.26
3767131.08        8.33023  (12100601)
       396678.26   3767131.08        8.98953  (11072303)                396718.26
3767131.08       10.04247  (10111118)
       396758.26   3767131.08       11.35570  (10111118)                396798.26
3767131.08       12.85016  (11082104)
       396838.26   3767131.08       14.48400  (11082104)                396878.26
3767131.08       16.70846  (11102024)
       396918.26   3767131.08       19.92760  (12081802)                396958.26
3767131.08       32.65140  (15101006)
       397238.26   3767131.08       49.12630  (16122418)                397278.26
3767131.08       53.39933  (12092703)
       397318.26   3767131.08       64.46500  (12090502)                397358.26
3767131.08       40.96708  (15071921)
       397398.26   3767131.08       31.51206  (12082324)                397438.26
3767131.08       28.00946  (12082324)
       397478.26   3767131.08       24.13673  (12082324)                397518.26
3767131.08       20.82641  (12082324)
       397558.26   3767131.08       18.89221  (15112119)                397598.26
3767131.08       17.01648  (15112119)
       397638.26   3767131.08       15.46868  (15112119)                397678.26
3767131.08       13.48262  (15112119)
       397718.26   3767131.08       11.89515  (12070604)                396558.26
3767171.08        7.15626  (15101022)
       396598.26   3767171.08        8.11875  (15101022)                396638.26
3767171.08        9.11523  (15101022)
       396678.26   3767171.08       10.24197  (15101022)                396718.26
3767171.08       10.78147  (15101022)
       396758.26   3767171.08       12.16339  (15101022)                396798.26
3767171.08       13.81143  (15101022)
       396838.26   3767171.08       15.84852  (15101022)                396878.26
3767171.08       18.71494  (10110221)
       396918.26   3767171.08       22.45141  (11052804)                397438.26
3767171.08       26.97407  (12070604)
       397478.26   3767171.08       23.77223  (12070604)                397518.26
3767171.08       21.27497  (12070604)
       397558.26   3767171.08       19.04052  (12070604)                397598.26
3767171.08       16.96128  (12070604)
       397638.26   3767171.08       14.98073  (12070604)                397678.26
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396918.26	3767211.08	23.50289	(12091823)	396958.26	3767211.08	28.68711	(12091823)
397438.26	3767211.08	23.18609	(15042323)	397478.26	3767211.08	20.49104	(11052721)
397518.26	3767211.08	18.82236	(11052721)	397558.26	3767211.08	17.12522	(16022418)
397598.26	3767211.08	15.44959	(16022418)	397638.26	3767211.08	13.79051	(16022418)
397678.26	3767211.08	12.22193	(16022418)	397718.26	3767211.08	10.76272	(16022418)
396558.26	3767251.08	7.74172	(12091823)	396598.26			

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3767251.08        8.78388  (12091823)
       396638.26   3767251.08       10.03920  (12091823)                396678.26
3767251.08       11.22867  (12091823)
       396718.26   3767251.08       12.28037  (12091823)                396758.26
3767251.08       12.43885  (15061702)
       396798.26   3767251.08       13.91462  (12101923)                396838.26
3767251.08       15.92698  (12101923)
       396878.26   3767251.08       18.68643  (10063002)                396918.26
3767251.08       23.89522  (10110120)
       396958.26   3767251.08       26.02833  (12010420)                396998.26
3767251.08       36.33227  (12010420)
       397038.26   3767251.08       22.59895  (15021118)                397078.26
3767251.08       20.08590  (16020818)
       397118.26   3767251.08       30.51626  (10092411)                397318.26
3767251.08       40.27928  (12081805)
       397358.26   3767251.08       26.86309  (15042323)                397398.26
3767251.08       22.17215  (11061802)
       397438.26   3767251.08       19.63793  (15042323)                397478.26
3767251.08       17.62082  (15042323)
       397518.26   3767251.08       16.39958  (15042323)                397558.26
3767251.08       15.22295  (15042323)
       397598.26   3767251.08       14.06965  (15042323)                397638.26
3767251.08       12.77231  (15042323)
       397678.26   3767251.08       11.45554  (15042323)                397718.26
3767251.08       10.18311  (15042323)
       396558.26   3767291.08        7.63286  (12101923)                396598.26
3767291.08        8.90179  (12101923)
       396638.26   3767291.08       10.16326  (10063002)                396678.26
3767291.08       11.54983  (10110120)
       396718.26   3767291.08       13.07347  (10110120)                396758.26
3767291.08       12.49283  (12010420)
       396798.26   3767291.08       13.58955  (12111723)                396838.26
3767291.08       15.27683  (12111819)
       396878.26   3767291.08       19.34319  (15072005)                396918.26
3767291.08       20.96499  (15072005)
       396958.26   3767291.08       23.04813  (12101924)                396998.26
3767291.08       26.02179  (12111819)
       397038.26   3767291.08       35.71230  (16020818)                397078.26
3767291.08       21.80966  (11071203)
       397118.26   3767291.08       23.11394  (11092810)                397158.26
3767291.08       27.71582  (16060310)
       397278.26   3767291.08       36.92764  (10082321)                397318.26
3767291.08       31.66702  (10082321)
       397358.26   3767291.08       23.24079  (12090419)                397398.26
3767291.08       21.43714  (11101218)
       397438.26   3767291.08       18.77938  (15072923)                397478.26
3767291.08       16.52299  (10121806)
       397518.26   3767291.08       14.87649  (10121806)                397558.26
3767291.08       13.67991  (10121806)
       397598.26   3767291.08       12.41933  (11061802)                397638.26
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 3767291.08       11.28556  (11061802)
       397678.26   3767291.08       10.34028  (12072305)               397718.26
 3767291.08        9.14068  (16081922)
       396558.26   3767331.08        7.30936  (10110120)               396598.26
 3767331.08        8.24853  (12010420)
       396638.26   3767331.08        9.36247  (12111723)               396678.26
 3767331.08       10.88672  (12111819)
       396718.26   3767331.08       12.24464  (12111819)               396758.26
 3767331.08       12.76321  (15072005)
       396798.26   3767331.08       13.24105  (15072005)               396838.26
 3767331.08       14.54950  (12101924)
       396878.26   3767331.08       18.58228  (15060920)               396918.26
 3767331.08       19.34839  (15060920)
       396958.26   3767331.08       19.20122  (15060920)               396998.26
 3767331.08       19.72327  (10110320)
       397038.26   3767331.08       22.39115  (15031320)               397078.26
 3767331.08       26.46482  (10110802)
       397118.26   3767331.08       25.97110  (16092206)               397158.26
 3767331.08       29.37840  (15072203)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:07:13

                                  PAGE  49
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       397198.26   3767331.08       33.02685  (12102718)               397238.26
 3767331.08       36.36425  (16081502)
       397278.26   3767331.08       33.78966  (15101018)               397318.26
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3767331.08 24.06390 (16072621)
397358.26 3767331.08 21.68934 (10082321) 397398.26
3767331.08 21.29027 (10071521)
397438.26 3767331.08 18.73862 (12090419) 397478.26
3767331.08 16.09714 (15101621)
397518.26 3767331.08 14.32295 (16072622) 397558.26
3767331.08 12.81004 (15072923)
397598.26 3767331.08 11.62115 (10121806) 397638.26
3767331.08 10.59736 (10121806)
397678.26 3767331.08 9.55852 (10121806) 397718.26
3767331.08 8.72164 (10121806)
396558.26 3767371.08 6.98303 (12111819) 396598.26
3767371.08 7.80928 (11092103)
396638.26 3767371.08 8.95752 (15072005) 396678.26
3767371.08 10.48347 (15072005)
396718.26 3767371.08 11.84901 (12101924) 396758.26
3767371.08 12.55853 (11102105)
396798.26 3767371.08 13.02467 (15060920) 396838.26
3767371.08 14.00879 (15060920)
396878.26 3767371.08 16.05026 (15060920) 396918.26
3767371.08 16.57352 (10110320)
396958.26 3767371.08 16.47506 (10110802) 396998.26
3767371.08 16.51793 (10110802)
397038.26 3767371.08 15.34512 (15090406) 397078.26
3767371.08 15.85624 (16092206)
397118.26 3767371.08 15.19139 (12091522) 397158.26
3767371.08 23.20350 (15063020)
397198.26 3767371.08 23.91552 (15100819) 397238.26
3767371.08 21.92693 (15100819)
397278.26 3767371.08 22.15145 (16041820) 397318.26
3767371.08 21.27816 (15100918)
397358.26 3767371.08 19.77837 (15092320) 397398.26
3767371.08 19.51222 (16072623)
397438.26 3767371.08 17.58232 (10082321) 397478.26
3767371.08 15.87974 (10071521)
397518.26 3767371.08 14.09145 (15072222) 397558.26
3767371.08 12.68424 (12090419)
397598.26 3767371.08 11.11603 (16072622) 397638.26
3767371.08 9.91141 (12081805)
397678.26 3767371.08 8.72088 (15072923) 397718.26
3767371.08 7.51605 (15072204)
396558.26 3767411.08 6.71537 (15072005) 396598.26
3767411.08 7.56874 (15072005)
396638.26 3767411.08 8.75585 (12101924) 396678.26
3767411.08 10.00854 (15060920)
396718.26 3767411.08 11.42511 (15060920) 396758.26
3767411.08 12.19191 (15060920)
396798.26 3767411.08 11.68353 (15060920) 396838.26
3767411.08 12.38299 (15102922)
396878.26 3767411.08 14.56152 (10110320) 396918.26

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 3767411.08       14.94393  (10110802)
       396958.26   3767411.08       13.61750  (10110802)                396998.26
 3767411.08       12.87881  (15090406)
       397038.26   3767411.08       12.78043  (16092206)                397078.26
 3767411.08       11.77047  (11080902)
       397118.26   3767411.08       12.42537  (15082923)                397158.26
 3767411.08       15.62998  (12091522)
       397198.26   3767411.08       17.12881  (15063020)                397238.26
 3767411.08       18.17436  (15063020)
       397278.26   3767411.08       19.06283  (15100819)                397318.26
 3767411.08       18.33637  (12091419)
       397358.26   3767411.08       17.74800  (15100918)                397398.26
 3767411.08       17.27669  (11090624)
       397438.26   3767411.08       16.22516  (15073024)                397478.26
 3767411.08       14.86789  (15072123)
       397518.26   3767411.08       13.53353  (15101721)                397558.26
 3767411.08       12.40837  (10071521)
       397598.26   3767411.08       10.96098  (15072222)                397638.26
 3767411.08        9.77484  (12082403)
       397678.26   3767411.08        8.58101  (12082403)                397718.26
 3767411.08        7.41609  (16072622)
       396558.26   3767451.08        6.30217  (12022120)                396598.26
 3767451.08        7.21990  (15060920)
       396638.26   3767451.08        8.38739  (15060920)                396678.26
 3767451.08        9.34556  (15060920)
       396718.26   3767451.08        9.88360  (15060920)                396758.26
 3767451.08       10.78187  (15102922)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:07:13

                                   PAGE  50
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396798.26	3767451.08	10.91707	(10110320)	396838.26	3767451.08	11.87639	(10110802)
396878.26	3767451.08	12.77186	(10110802)	396918.26	3767451.08	11.82187	(10110802)
396958.26	3767451.08	11.84143	(15090406)	396998.26	3767451.08	10.74698	(15090406)
397038.26	3767451.08	9.78334	(10060418)	397078.26	3767451.08	9.45761	(12021511)
397118.26	3767451.08	10.41052	(15082923)	397158.26	3767451.08	13.10098	(12091522)
397198.26	3767451.08	13.88046	(15090924)	397238.26	3767451.08	15.80625	(15063020)
397278.26	3767451.08	15.64627	(16101918)	397318.26	3767451.08	16.45976	(15100819)
397358.26	3767451.08	15.76802	(12091419)	397398.26	3767451.08	15.51183	(15100918)
397438.26	3767451.08	15.04813	(11090624)	397478.26	3767451.08	13.92290	(16072621)
397518.26	3767451.08	12.81089	(16072623)	397558.26	3767451.08	11.70643	(10082321)
397598.26	3767451.08	10.48936	(10071521)	397638.26	3767451.08	9.45301	(10071521)
397678.26	3767451.08	8.37743	(15101620)	397718.26	3767451.08	7.42570	(12082403)
396558.26	3767491.08	6.08924	(15060920)	396598.26	3767491.08	6.75649	(15060920)
396638.26	3767491.08	7.26694	(16020818)	396678.26	3767491.08	7.95189	(15102922)
396718.26	3767491.08	8.86368	(15102922)	396758.26	3767491.08	10.00898	(10110320)
396798.26	3767491.08	9.98604	(10110802)	396838.26	3767491.08	9.95514	(10110802)
396878.26	3767491.08	10.25005	(11043020)	396918.26	3767491.08	10.91279	(16092206)
396958.26	3767491.08	10.07416	(16092206)	396998.26	3767491.08	9.39455	(10060418)
397038.26	3767491.08	8.82297	(11040217)	397078.26	3767491.08	8.80930	(10031317)
397118.26	3767491.08	9.62540	(10020914)	397158.26	3767491.08	10.91016	(10011715)
397198.26	3767491.08	12.28476	(15032619)	397238.26	3767491.08	13.43994	(15063020)
397278.26	3767491.08	14.14513	(15063020)	397318.26	3767491.08	14.20559	(15100819)
397358.26	3767491.08	14.42825	(16061923)	397398.26			

3767491.08 13.90630 (12091419)
397438.26 3767491.08 13.47449 (12081222) 397478.26
3767491.08 12.96191 (15100918)
397518.26 3767491.08 12.00798 (12090420) 397558.26
3767491.08 10.96516 (12091106)
397598.26 3767491.08 9.85069 (15072123) 397638.26
3767491.08 8.91078 (10082321)
397678.26 3767491.08 8.00534 (10071521) 397718.26
3767491.08 7.12026 (10071521)
396558.26 3767531.08 5.71378 (10122208) 396598.26
3767531.08 6.18354 (10122208)
396638.26 3767531.08 6.64767 (15102922) 396678.26
3767531.08 7.35020 (10110320)
396718.26 3767531.08 8.00966 (10110802) 396758.26
3767531.08 8.86145 (10110802)
396798.26 3767531.08 8.23404 (10110802) 396838.26
3767531.08 8.69638 (11043020)
396878.26 3767531.08 9.67027 (16092206) 396918.26
3767531.08 9.36138 (16092206)
396958.26 3767531.08 9.05428 (10041117) 396998.26
3767531.08 8.76778 (11040217)
397038.26 3767531.08 8.27446 (10053118) 397078.26
3767531.08 8.56852 (10031317)
397118.26 3767531.08 9.22837 (10020914) 397158.26
3767531.08 10.31222 (10011715)
397198.26 3767531.08 11.09236 (15032619) 397238.26
3767531.08 11.57645 (11050807)
397278.26 3767531.08 12.87066 (15063020) 397318.26
3767531.08 12.66442 (15091220)
397358.26 3767531.08 12.97260 (15100819) 397398.26
3767531.08 12.69583 (16061923)
397438.26 3767531.08 12.44330 (12091419) 397478.26
3767531.08 11.88411 (12081222)
397518.26 3767531.08 11.28017 (15100918) 397558.26
3767531.08 10.25985 (15092320)

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18

```
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        397598.26   3767531.08        9.19671  (15073024)               397638.26
 3767531.08        8.35039  (16072623)
        397678.26   3767531.08        7.51892  (12092201)               397718.26
 3767531.08        6.73084  (10082321)
        397320.82   3767219.11       57.17143  (12070604)               397330.82
 3767209.11       62.00390  (12070604)
        397340.82   3767189.11       65.82752  (15112119)               397340.82
 3767199.11       64.88659  (12070604)
        397340.82   3767209.11       60.21125  (12070604)               397350.82
 3767189.11       66.33797  (12070604)
        397350.82   3767199.11       63.23117  (12070604)               397360.82
 3767189.11       57.17889  (12070604)
        397360.82   3767199.11       55.81465  (12070604)               397370.82
 3767189.11       40.75996  (12082324)
        397380.82   3767189.11       32.84105  (12070604)               396934.73
 3767169.52       23.32409  (11052804)
        397014.53   3767229.60       39.98304  (11083006)               397044.10
 3767223.97       33.63028  (15100324)
        397113.57   3767239.93       32.50569  (16020818)               397158.63
 3767280.29       33.72527  (16060310)
        397168.95   3767307.05       26.69217  (12100411)               397244.05
 3767296.72       39.62362  (15082720)
        397260.95   3767278.88       32.51750  (11101318)               397409.74
 3767205.66       27.03854  (12070604)
        397422.89   3767189.23       27.79925  (12070604)               397426.64
 3767180.78       27.91042  (12070604)
        397420.54   3767170.46       28.64012  (12070604)               397318.68
 3767160.13       62.34408  (16091906)
        397022.98   3767083.62       51.96701  (15092002)               396920.42
 3767167.32       22.21559  (11052804)
        396989.95   3767243.54       39.13038  (10110120)               397044.10
 3767223.97       33.63028  (15100324)
        397113.57   3767239.93       32.50569  (16020818)               397158.63
 3767280.29       33.72527  (16060310)
        397168.95   3767307.05       26.69217  (12100411)               397244.05
 3767296.72       39.62362  (15082720)
        397260.95   3767278.88       32.51750  (11101318)               397409.74
```

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3
**

GROUP ID		NETWORK AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
GENERATO	1ST HIGHEST VALUE IS	8.99881	AT (397158.63, 3767280.29, 114.31, 189.89, 0.00)	DC	
	2ND HIGHEST VALUE IS	8.99881	AT (397158.63, 3767280.29, 114.31, 189.89, 0.00)	DC	
	3RD HIGHEST VALUE IS	8.78454	AT (397113.57, 3767239.93, 112.23, 187.75, 0.00)	DC	
	4TH HIGHEST VALUE IS	8.78454	AT (397113.57, 3767239.93, 112.23, 187.75, 0.00)	DC	
	5TH HIGHEST VALUE IS	7.79967	AT (397244.05, 3767296.72, 115.81, 189.89, 0.00)	DC	
	6TH HIGHEST VALUE IS	7.79967	AT (397244.05, 3767296.72, 115.81, 189.89, 0.00)	DC	
	7TH HIGHEST VALUE IS	7.72014	AT (397118.26, 3767251.08, 114.96, 150.20, 0.00)	DC	
	8TH HIGHEST VALUE IS	7.25732	AT (397158.26, 3767291.08, 116.35, 189.89, 0.00)	DC	
	9TH HIGHEST VALUE IS	6.84492	AT (397260.95, 3767278.88, 116.11, 189.89, 0.00)	DC	
	10TH HIGHEST VALUE IS	6.84492	AT (397260.95, 3767278.88, 116.11, 189.89, 0.00)	DC	

```
ALL       1ST HIGHEST VALUE IS       8.99881 AT (  397158.63,  3767280.29,
114.31,   189.89,    0.00)  DC
          2ND HIGHEST VALUE IS       8.99881 AT (  397158.63,  3767280.29,
114.31,   189.89,    0.00)  DC
          3RD HIGHEST VALUE IS       8.78454 AT (  397113.57,  3767239.93,
112.23,   187.75,    0.00)  DC
          4TH HIGHEST VALUE IS       8.78454 AT (  397113.57,  3767239.93,
112.23,   187.75,    0.00)  DC
          5TH HIGHEST VALUE IS       7.79967 AT (  397244.05,  3767296.72,
115.81,   189.89,    0.00)  DC
          6TH HIGHEST VALUE IS       7.79967 AT (  397244.05,  3767296.72,
115.81,   189.89,    0.00)  DC
          7TH HIGHEST VALUE IS       7.72014 AT (  397118.26,  3767251.08,
114.96,   150.20,    0.00)  DC
          8TH HIGHEST VALUE IS       7.25732 AT (  397158.26,  3767291.08,
116.35,   189.89,    0.00)  DC
          9TH HIGHEST VALUE IS       6.84492 AT (  397260.95,  3767278.88,
116.11,   189.89,    0.00)  DC
         10TH HIGHEST VALUE IS       6.84492 AT (  397260.95,  3767278.88,
116.11,   189.89,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:07:13

                                  PAGE  53
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
              **

                                                      DATE
                                          NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

GENERATO HIGH   1ST HIGH VALUE IS      66.33797  ON 12070604: AT (  397350.82,
3767189.11,   113.34,   150.20,    0.00)  DC
```

ALL   HIGH   1ST HIGH VALUE IS   66.33797 ON 12070604: AT (397350.82,
3767189.11,   113.34,   150.20,   0.00) DC

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↟ *** AERMOD - VERSION 24142 ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***   09/22/25
 *** AERMET - VERSION 16216 ***   ***
                       ***   17:07:13

                                   PAGE 54
 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of   0 Fatal Error Message(s)
 A Total of   4 Warning Message(s)
 A Total of   1277 Informational Message(s)

 A Total of   43848 Hours Were Processed

 A Total of   152 Calm Hours Identified

 A Total of   1125 Missing Hours Identified (2.57 Percent)

    ******** FATAL ERROR MESSAGES ********
               *** NONE ***

    ********   WARNING MESSAGES   ********
 ME W186   979   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187   979   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W450   26305   CHKDAT: Record Out of Sequence in Meteorological File at:
  15010101
 MX W450   26305   CHKDAT: Record Out of Sequence in Meteorological File at:
2 year gap

    ****
    *** AERMOD Finishes Successfully ***
    ****

Kimley»Horn

Attachment D: LST and NAAQS Modeling Data

LST

Generators ID	Rating Size	Unit	Max Hourly (gal/hr)	Pollutant	Emission Factor (lb/kw-hr)	Peak Hourly Emissions (lb/hr)	Peak Hourly Emissions (g/s)	Daily (g/s)
EG01-24	2750	kW	265.8	NO_x (1hr)	0.001478201	4.0651	0.5122	-
				CO (1-hr)	0.002956401	8.1301	1.0244	-
				CO (8-hr)	0.002956401	8.1301	1.0244	-
				PM10 (24-hr)	6.50408E-05	0.1789	0.0225	0.0003
				PM2.5 (24-hr)	6.50408E-05	0.1789	0.0225	0.0073

1-hr pollutants 3 engines @ peak hour at the same time and variable hours 6am-7pm (13 hours)
8-hr pollutant 3 engines - same as 1 hr
24-hr - the peak rate x 4.2 hours divide by 13 hours and put that in for all 24 engines still at 6am-7pm (13 hours)

NAAQS

Generators ID	Rating Size	Unit	Operating Time (hr/yr/unit)	Pollutant	Emission Factor (lb/kw-hr)	Peak Hourly Emissions (lb/hr)	Average Hourly Emissoins (lb/hr)	Peak Hourly Emissions (g/s)	Average Hourly Emissions (g/s)
EG01-24	2750	kW	200	NO_X	0.001478201	4.0651	0.0928	0.5122	0.0117

Screening Analysis NAAQS

Equipment Spec Data C175-20 Tier 4

Equipment Information			
# Engines	Engine Model	Engine Tier	KW
24	CAT C175-20	Tier IV	2750

Table A-1

Allowable Emissions
for Noncombustion Sources and for
Combustion Sources less than or equal to 40 Million BTUs per hour

Heat Input Capacity (million BTUs/hr)		NO_x (lbs/hr)	CO (lbs/hr)	PM_{10} (lbs/hr)
Noncombustion Source		0.068	3.7	0.41
	< 2	0.20	11.0	1.2
>2	< 5	0.31	17.1	1.9
>5	< 10	0.47	25.9	2.8
>10	< 20	0.86	47.3	5.2
>20	< 30	1.26	69.3	7.6
>30	≤40	1.31	72.1	7.9

Engine Specs	265.8	gal/hr
	0.1387	Convesion
	36.86646	mmbtu/hr

Screening Analysis

Compare the emissions from the source you are applying for to those in Table A-1. If the emissions are less than the allowable emissions, no further analysis is required. If the emissions are greater than the allowable emissions, a more detailed air quality modeling analysis is required.

Emission Factor (Controlled)						
	VOC	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$
g/hp-hr	0.140	0.500	1.000	0.006	0.022	0.022
g/kw-hr	0.188	0.671	1.341	0.007	0.030	0.030
lb/kw-hr	0.00041	0.00148	0.00296	0.00002	0.00007	0.00007
lb/hr	1.13821	4.07	8.13	0.04472	0.17886	0.17886

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 9/19/2025
** File: C:\Lakes\AERMOD View\Saturn_CO\Saturn_CO.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Saturn Data Center_Cons\Saturn Data Center_Cons
   MODELOPT CONC
   AVERTIME 1 8
   URBANOPT 9830000 Los_Angeles
   POLLUTID CO
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL Saturn_CO.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION EG01         POINT      397047.306  3767179.215      112.471
** DESCRSRC EG01
   LOCATION EG08         POINT      397112.728  3767196.954      109.310
** DESCRSRC EG08
   LOCATION EG24         POINT      397256.040  3767235.040      113.480
** DESCRSRC EG24
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 1.0
```

```
** Vertical Dimension = 10.20
** SZINIT = 4.74
** Nodes = 36
** 397021.700, 3767091.630, 113.00, 5.10, 4.19
** 396948.070, 3767160.170, 113.00, 5.10, 4.19
** 396963.820, 3767177.650, 113.00, 5.10, 4.19
** 397043.760, 3767097.460, 113.00, 5.10, 4.19
** 397056.240, 3767105.780, 113.00, 5.10, 4.19
** 396975.980, 3767189.760, 113.00, 5.10, 4.19
** 396991.320, 3767203.160, 113.00, 5.10, 4.19
** 397077.470, 3767110.360, 113.00, 5.10, 4.19
** 397097.860, 3767115.350, 113.00, 5.10, 4.19
** 397005.060, 3767214.820, 113.00, 5.10, 4.19
** 397023.370, 3767223.550, 113.00, 5.10, 4.19
** 397115.750, 3767122.840, 113.00, 5.10, 4.19
** 397135.310, 3767127.840, 113.00, 5.10, 4.19
** 397047.660, 3767221.200, 113.00, 5.10, 4.19
** 397070.390, 3767227.910, 113.00, 5.10, 4.19
** 397149.880, 3767133.660, 113.00, 5.10, 4.19
** 397166.940, 3767137.830, 113.00, 5.10, 4.19
** 397089.370, 3767230.480, 113.00, 5.10, 4.19
** 397113.910, 3767235.950, 113.00, 5.10, 4.19
** 397181.920, 3767144.070, 113.00, 5.10, 4.19
** 397201.900, 3767147.810, 113.00, 5.10, 4.19
** 397126.690, 3767240.880, 113.00, 5.10, 4.19
** 397136.380, 3767248.250, 113.00, 5.10, 4.19
** 397138.940, 3767258.350, 113.00, 5.10, 4.19
** 397217.710, 3767153.640, 113.00, 5.10, 4.19
** 397240.180, 3767158.630, 113.00, 5.10, 4.19
** 397150.180, 3767263.940, 113.00, 5.10, 4.19
** 397165.830, 3767279.730, 113.00, 5.10, 4.19
** 397260.990, 3767158.220, 113.00, 5.10, 4.19
** 397280.550, 3767164.040, 113.00, 5.10, 4.19
** 397174.020, 3767288.680, 113.00, 5.10, 4.19
** 397189.460, 3767297.190, 113.00, 5.10, 4.19
** 397198.980, 3767300.960, 113.00, 5.10, 4.19
** 397303.710, 3767164.620, 113.00, 5.10, 4.19
** 397322.670, 3767169.450, 113.00, 5.10, 4.19
** 397227.440, 3767294.300, 113.00, 5.10, 4.19
** ------------------------------------------------------------------
   LOCATION L0000001     VOLUME   397018.406 3767094.696 113.00
   LOCATION L0000002     VOLUME   397011.819 3767100.828 113.00
   LOCATION L0000003     VOLUME   397005.231 3767106.960 113.00
   LOCATION L0000004     VOLUME   396998.643 3767113.093 113.00
   LOCATION L0000005     VOLUME   396992.056 3767119.225 113.00
   LOCATION L0000006     VOLUME   396985.468 3767125.357 113.00
   LOCATION L0000007     VOLUME   396978.881 3767131.489 113.00
   LOCATION L0000008     VOLUME   396972.293 3767137.621 113.00
   LOCATION L0000009     VOLUME   396965.706 3767143.754 113.00
   LOCATION L0000010     VOLUME   396959.118 3767149.886 113.00
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LOCATION L0000011     VOLUME   396952.530 3767156.018 113.00
LOCATION L0000012     VOLUME   396950.015 3767162.329 113.00
LOCATION L0000013     VOLUME   396956.040 3767169.015 113.00
LOCATION L0000014     VOLUME   396962.064 3767175.702 113.00
LOCATION L0000015     VOLUME   396968.322 3767173.134 113.00
LOCATION L0000016     VOLUME   396974.676 3767166.760 113.00
LOCATION L0000017     VOLUME   396981.030 3767160.386 113.00
LOCATION L0000018     VOLUME   396987.384 3767154.012 113.00
LOCATION L0000019     VOLUME   396993.738 3767147.638 113.00
LOCATION L0000020     VOLUME   397000.092 3767141.264 113.00
LOCATION L0000021     VOLUME   397006.446 3767134.890 113.00
LOCATION L0000022     VOLUME   397012.800 3767128.516 113.00
LOCATION L0000023     VOLUME   397019.154 3767122.142 113.00
LOCATION L0000024     VOLUME   397025.509 3767115.769 113.00
LOCATION L0000025     VOLUME   397031.863 3767109.395 113.00
LOCATION L0000026     VOLUME   397038.217 3767103.021 113.00
LOCATION L0000027     VOLUME   397044.715 3767098.097 113.00
LOCATION L0000028     VOLUME   397052.204 3767103.089 113.00
LOCATION L0000029     VOLUME   397053.373 3767108.779 113.00
LOCATION L0000030     VOLUME   397047.155 3767115.286 113.00
LOCATION L0000031     VOLUME   397040.937 3767121.792 113.00
LOCATION L0000032     VOLUME   397034.719 3767128.299 113.00
LOCATION L0000033     VOLUME   397028.501 3767134.805 113.00
LOCATION L0000034     VOLUME   397022.282 3767141.312 113.00
LOCATION L0000035     VOLUME   397016.064 3767147.818 113.00
LOCATION L0000036     VOLUME   397009.846 3767154.325 113.00
LOCATION L0000037     VOLUME   397003.628 3767160.831 113.00
LOCATION L0000038     VOLUME   396997.409 3767167.337 113.00
LOCATION L0000039     VOLUME   396991.191 3767173.844 113.00
LOCATION L0000040     VOLUME   396984.973 3767180.350 113.00
LOCATION L0000041     VOLUME   396978.755 3767186.857 113.00
LOCATION L0000042     VOLUME   396979.734 3767193.039 113.00
LOCATION L0000043     VOLUME   396986.512 3767198.960 113.00
LOCATION L0000044     VOLUME   396993.099 3767201.243 113.00
LOCATION L0000045     VOLUME   396999.223 3767194.647 113.00
LOCATION L0000046     VOLUME   397005.346 3767188.051 113.00
LOCATION L0000047     VOLUME   397011.469 3767181.455 113.00
LOCATION L0000048     VOLUME   397017.592 3767174.860 113.00
LOCATION L0000049     VOLUME   397023.716 3767168.264 113.00
LOCATION L0000050     VOLUME   397029.839 3767161.668 113.00
LOCATION L0000051     VOLUME   397035.962 3767155.072 113.00
LOCATION L0000052     VOLUME   397042.085 3767148.476 113.00
LOCATION L0000053     VOLUME   397048.209 3767141.880 113.00
LOCATION L0000054     VOLUME   397054.332 3767135.284 113.00
LOCATION L0000055     VOLUME   397060.455 3767128.688 113.00
LOCATION L0000056     VOLUME   397066.578 3767122.092 113.00
LOCATION L0000057     VOLUME   397072.702 3767115.496 113.00
LOCATION L0000058     VOLUME   397079.404 3767110.833 113.00
LOCATION L0000059     VOLUME   397088.146 3767112.973 113.00
LOCATION L0000060     VOLUME   397096.888 3767115.112 113.00
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LOCATION L0000061     VOLUME   397092.403 3767121.199 113.00
LOCATION L0000062     VOLUME   397086.263 3767127.780 113.00
LOCATION L0000063     VOLUME   397080.124 3767134.361 113.00
LOCATION L0000064     VOLUME   397073.984 3767140.942 113.00
LOCATION L0000065     VOLUME   397067.845 3767147.522 113.00
LOCATION L0000066     VOLUME   397061.705 3767154.103 113.00
LOCATION L0000067     VOLUME   397055.566 3767160.684 113.00
LOCATION L0000068     VOLUME   397049.426 3767167.265 113.00
LOCATION L0000069     VOLUME   397043.287 3767173.846 113.00
LOCATION L0000070     VOLUME   397037.147 3767180.426 113.00
LOCATION L0000071     VOLUME   397031.008 3767187.007 113.00
LOCATION L0000072     VOLUME   397024.868 3767193.588 113.00
LOCATION L0000073     VOLUME   397018.729 3767200.169 113.00
LOCATION L0000074     VOLUME   397012.589 3767206.749 113.00
LOCATION L0000075     VOLUME   397006.450 3767213.330 113.00
LOCATION L0000076     VOLUME   397011.345 3767217.816 113.00
LOCATION L0000077     VOLUME   397019.469 3767221.690 113.00
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** Source Parameters **
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   SRCPARAM EG08            1.0244    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG24            1.0244    14.326   756.483 32.6741244228888      0.61

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** Building Downwash **
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80
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   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG24           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24           12.80    12.80    12.80    12.80    12.80    12.80
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   BUILDWID EG01          284.00   270.01   247.81   218.08   181.73   139.85
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BUILDWID	EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDLEN	EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73

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   XBADJ    EG08          -74.86  -102.23  -126.50  -146.92  -162.88  -173.89
   XBADJ    EG08         -179.62  -189.02  -195.95  -196.93  -191.92  -181.08
   XBADJ    EG08         -164.74  -143.40  -117.69   -88.42   -89.68  -103.60

   XBADJ    EG24         -176.77  -206.48  -229.92  -246.37  -255.33  -256.54
   XBADJ    EG24         -249.95  -244.67  -236.73  -221.60  -199.73  -171.79
   XBADJ    EG24         -138.64  -101.27   -60.83   -18.53    -1.56    -7.12
   XBADJ    EG24          -12.46   -17.42   -21.86   -25.62   -28.62   -30.74
   XBADJ    EG24          -31.92   -41.27   -52.64   -62.41   -70.28   -76.02
   XBADJ    EG24          -79.44   -80.46   -79.03   -75.19  -102.30  -141.69

   YBADJ    EG01         -116.27  -112.33  -104.97   -94.42   -81.00   -65.12
   YBADJ    EG01          -47.27   -31.64   -11.46     9.06    29.31    48.68
   YBADJ    EG01           66.56    82.42    95.77   106.22   113.55   116.68
   YBADJ    EG01          116.27   112.33   104.97    94.42    81.00    65.12
   YBADJ    EG01           47.27    31.64    11.46    -9.06   -29.31   -48.68
   YBADJ    EG01          -66.56   -82.42   -95.77  -106.22  -113.55  -116.69

   YBADJ    EG08          -54.92   -56.92   -57.18   -55.70   -52.53   -47.77
   YBADJ    EG08          -41.55   -37.74   -29.19   -19.76    -9.72     0.61
   YBADJ    EG08           10.93    20.91    30.25    38.68    46.05    51.27
   YBADJ    EG08           54.92    56.92    57.18    55.70    52.53    47.77
   YBADJ    EG08           41.55    37.74    29.19    19.76     9.72    -0.61
   YBADJ    EG08          -10.93   -20.91   -30.25   -38.68   -46.05   -51.27

   YBADJ    EG24           79.59    64.72    47.89    29.60    10.41    -9.10
   YBADJ    EG24          -28.33   -50.37   -67.29   -82.16   -94.53  -104.03
   YBADJ    EG24         -110.37  -113.36  -112.90  -109.01  -101.70   -92.04
   YBADJ    EG24          -79.59   -64.72   -47.89   -29.60   -10.41     9.10
   YBADJ    EG24           28.33    50.37    67.29    82.16    94.53   104.03
   YBADJ    EG24          110.37   113.36   112.90   109.01   101.70    92.04

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Operations"
** WeekDays:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP Generato EG01 EG08 EG24
   SRCGROUP Area     L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
   SRCGROUP Area     L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
   SRCGROUP Area     L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
   SRCGROUP Area     L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
   SRCGROUP Area     L0000025 L0000026 L0000027 L0000028 L0000029 L0000030
   SRCGROUP Area     L0000031 L0000032 L0000033 L0000034 L0000035 L0000036
   SRCGROUP Area     L0000037 L0000038 L0000039 L0000040 L0000041 L0000042
   SRCGROUP Area     L0000043 L0000044 L0000045 L0000046 L0000047 L0000048
   SRCGROUP Area     L0000049 L0000050 L0000051 L0000052 L0000053 L0000054
   SRCGROUP Area     L0000055 L0000056 L0000057 L0000058 L0000059 L0000060
   SRCGROUP Area     L0000061 L0000062 L0000063 L0000064 L0000065 L0000066
   SRCGROUP Area     L0000067 L0000068 L0000069 L0000070 L0000071 L0000072
   SRCGROUP Area     L0000073 L0000074 L0000075 L0000076 L0000077 L0000078
   SRCGROUP Area     L0000079 L0000080 L0000081 L0000082 L0000083 L0000084
   SRCGROUP Area     L0000085 L0000086 L0000087 L0000088 L0000089 L0000090
   SRCGROUP Area     L0000091 L0000092 L0000093 L0000094 L0000095 L0000096
   SRCGROUP Area     L0000097 L0000098 L0000099 L0000100 L0000101 L0000102
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   SRCGROUP Area     L0000109 L0000110 L0000111 L0000112 L0000113 L0000114
   SRCGROUP Area     L0000115 L0000116 L0000117 L0000118 L0000119 L0000120
   SRCGROUP Area     L0000121 L0000122 L0000123 L0000124 L0000125 L0000126
   SRCGROUP Area     L0000127 L0000128 L0000129 L0000130 L0000131 L0000132
   SRCGROUP Area     L0000133 L0000134 L0000135 L0000136 L0000137 L0000138
   SRCGROUP Area     L0000139 L0000140 L0000141 L0000142 L0000143 L0000144
   SRCGROUP Area     L0000145 L0000146 L0000147 L0000148 L0000149 L0000150
   SRCGROUP Area     L0000151 L0000152 L0000153 L0000154 L0000155 L0000156
   SRCGROUP Area     L0000157 L0000158 L0000159 L0000160 L0000161 L0000162
   SRCGROUP Area     L0000163 L0000164 L0000165 L0000166 L0000167 L0000168
   SRCGROUP Area     L0000169 L0000170 L0000171 L0000172 L0000173 L0000174
   SRCGROUP Area     L0000175 L0000176 L0000177 L0000178 L0000179 L0000180
   SRCGROUP Area     L0000181 L0000182 L0000183 L0000184 L0000185 L0000186
   SRCGROUP Area     L0000187 L0000188 L0000189 L0000190 L0000191 L0000192
   SRCGROUP Area     L0000193 L0000194 L0000195 L0000196 L0000197 L0000198
   SRCGROUP Area     L0000199 L0000200 L0000201 L0000202 L0000203 L0000204
   SRCGROUP Area     L0000205 L0000206 L0000207 L0000208 L0000209 L0000210
   SRCGROUP Area     L0000211 L0000212 L0000213 L0000214 L0000215 L0000216
   SRCGROUP Area     L0000217 L0000218 L0000219 L0000220 L0000221 L0000222
   SRCGROUP Area     L0000223 L0000224 L0000225 L0000226 L0000227 L0000228
   SRCGROUP Area     L0000229 L0000230 L0000231 L0000232 L0000233 L0000234
   SRCGROUP Area     L0000235 L0000236 L0000237 L0000238 L0000239 L0000240
   SRCGROUP Area     L0000241 L0000242 L0000243 L0000244 L0000245 L0000246
   SRCGROUP Area     L0000247 L0000248 L0000249 L0000250 L0000251 L0000252
   SRCGROUP Area     L0000253 L0000254 L0000255 L0000256 L0000257 L0000258
   SRCGROUP Area     L0000259 L0000260 L0000261 L0000262 L0000263 L0000264
   SRCGROUP Area     L0000265 L0000266 L0000267 L0000268 L0000269 L0000270
   SRCGROUP Area     L0000271 L0000272 L0000273 L0000274 L0000275 L0000276
   SRCGROUP Area     L0000277 L0000278 L0000279 L0000280 L0000281 L0000282
   SRCGROUP Area     L0000283 L0000284 L0000285 L0000286 L0000287 L0000288
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Saturn_CO.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
** Surface File Path: C:\Lakes\AERMOD View\Saturn_CO\PICO_V9_ADJU\
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   SURFFILE PICO_V9_ADJU\PICO_v9.SFC
** Profile File Path: C:\Lakes\AERMOD View\Saturn_CO\PICO_V9_ADJU\
   PROFFILE PICO_V9_ADJU\PICO_v9.PFL
   SURFDATA 3166 2010 Pico
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST 8TH
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "C:\Lakes\AERMOD View\Saturn_CO\SATURN_CO.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "C:\Lakes\AERMOD View\Saturn_CO\SATURN_CO.AD\08H1GALL.PLT" 32
   PLOTFILE 1 Generato 1ST "C:\Lakes\AERMOD
View\Saturn_CO\SATURN_CO.AD\01H1G001.PLT" 33
   PLOTFILE 8 Generato 1ST "C:\Lakes\AERMOD
View\Saturn_CO\SATURN_CO.AD\08H1G001.PLT" 34
   PLOTFILE 1 Area 1ST "C:\Lakes\AERMOD View\Saturn_CO\SATURN_CO.AD\01H1G002.PLT"
35
   PLOTFILE 8 Area 1ST "C:\Lakes\AERMOD View\Saturn_CO\SATURN_CO.AD\08H1G002.PLT"
36
   PLOTFILE 1 ALL 8TH "C:\Lakes\AERMOD View\Saturn_CO\SATURN_CO.AD\01H8GALL.PLT" 37
   PLOTFILE 1 Generato 8TH "C:\Lakes\AERMOD
View\Saturn_CO\SATURN_CO.AD\01H8G001.PLT" 38
   PLOTFILE 1 Area 8TH "C:\Lakes\AERMOD View\Saturn_CO\SATURN_CO.AD\01H8G002.PLT"
39
   SUMMFILE "C:\Lakes\AERMOD View\Saturn_CO\Saturn_CO.sum"
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
```

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 9/19/2025
** FILE: C:\LAKES\AERMOD VIEW\SATURN_CO\SATURN_CO.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\LAKES\AERMOD VIEW\SATURN DATA CENTER_CONS\SATURN DATA CENTER_CONS
   MODELOPT CONC
   AVERTIME 1 8
   URBANOPT 9830000 LOS_ANGELES
   POLLUTID CO
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL SATURN_CO.ERR
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
   LOCATION EG01         POINT      397047.306  3767179.215      112.471
** DESCRSRC EG01
   LOCATION EG08         POINT      397112.728  3767196.954      109.310
** DESCRSRC EG08
   LOCATION EG24         POINT      397256.040  3767235.040      113.480
** DESCRSRC EG24
** ------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 9.00
** CONFIGURATION = ADJACENT
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** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 10.20
** SZINIT = 4.74
** NODES = 36
** 397021.700, 3767091.630, 113.00, 5.10, 4.19
** 396948.070, 3767160.170, 113.00, 5.10, 4.19
** 396963.820, 3767177.650, 113.00, 5.10, 4.19
** 397043.760, 3767097.460, 113.00, 5.10, 4.19
** 397056.240, 3767105.780, 113.00, 5.10, 4.19
** 396975.980, 3767189.760, 113.00, 5.10, 4.19
** 396991.320, 3767203.160, 113.00, 5.10, 4.19
** 397077.470, 3767110.360, 113.00, 5.10, 4.19
** 397097.860, 3767115.350, 113.00, 5.10, 4.19
** 397005.060, 3767214.820, 113.00, 5.10, 4.19
** 397023.370, 3767223.550, 113.00, 5.10, 4.19
** 397115.750, 3767122.840, 113.00, 5.10, 4.19
** 397135.310, 3767127.840, 113.00, 5.10, 4.19
** 397047.660, 3767221.200, 113.00, 5.10, 4.19
** 397070.390, 3767227.910, 113.00, 5.10, 4.19
** 397149.880, 3767133.660, 113.00, 5.10, 4.19
** 397166.940, 3767137.830, 113.00, 5.10, 4.19
** 397089.370, 3767230.480, 113.00, 5.10, 4.19
** 397113.910, 3767235.950, 113.00, 5.10, 4.19
** 397181.920, 3767144.070, 113.00, 5.10, 4.19
** 397201.900, 3767147.810, 113.00, 5.10, 4.19
** 397126.690, 3767240.880, 113.00, 5.10, 4.19
** 397136.380, 3767248.250, 113.00, 5.10, 4.19
** 397138.940, 3767258.350, 113.00, 5.10, 4.19
** 397217.710, 3767153.640, 113.00, 5.10, 4.19
** 397240.180, 3767158.630, 113.00, 5.10, 4.19
** 397150.180, 3767263.940, 113.00, 5.10, 4.19
** 397165.830, 3767279.730, 113.00, 5.10, 4.19
** 397260.990, 3767158.220, 113.00, 5.10, 4.19
** 397280.550, 3767164.040, 113.00, 5.10, 4.19
** 397174.020, 3767288.680, 113.00, 5.10, 4.19
** 397189.460, 3767297.190, 113.00, 5.10, 4.19
** 397198.980, 3767300.960, 113.00, 5.10, 4.19
** 397303.710, 3767164.620, 113.00, 5.10, 4.19
** 397322.670, 3767169.450, 113.00, 5.10, 4.19
** 397227.440, 3767294.300, 113.00, 5.10, 4.19
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   LOCATION L0000002     VOLUME   397011.819 3767100.828 113.00
   LOCATION L0000003     VOLUME   397005.231 3767106.960 113.00
   LOCATION L0000004     VOLUME   396998.643 3767113.093 113.00
   LOCATION L0000005     VOLUME   396992.056 3767119.225 113.00
   LOCATION L0000006     VOLUME   396985.468 3767125.357 113.00
   LOCATION L0000007     VOLUME   396978.881 3767131.489 113.00
   LOCATION L0000008     VOLUME   396972.293 3767137.621 113.00
   LOCATION L0000009     VOLUME   396965.706 3767143.754 113.00
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LOCATION L0000010     VOLUME   396959.118 3767149.886 113.00
LOCATION L0000011     VOLUME   396952.530 3767156.018 113.00
LOCATION L0000012     VOLUME   396950.015 3767162.329 113.00
LOCATION L0000013     VOLUME   396956.040 3767169.015 113.00
LOCATION L0000014     VOLUME   396962.064 3767175.702 113.00
LOCATION L0000015     VOLUME   396968.322 3767173.134 113.00
LOCATION L0000016     VOLUME   396974.676 3767166.760 113.00
LOCATION L0000017     VOLUME   396981.030 3767160.386 113.00
LOCATION L0000018     VOLUME   396987.384 3767154.012 113.00
LOCATION L0000019     VOLUME   396993.738 3767147.638 113.00
LOCATION L0000020     VOLUME   397000.092 3767141.264 113.00
LOCATION L0000021     VOLUME   397006.446 3767134.890 113.00
LOCATION L0000022     VOLUME   397012.800 3767128.516 113.00
LOCATION L0000023     VOLUME   397019.154 3767122.142 113.00
LOCATION L0000024     VOLUME   397025.509 3767115.769 113.00
LOCATION L0000025     VOLUME   397031.863 3767109.395 113.00
LOCATION L0000026     VOLUME   397038.217 3767103.021 113.00
LOCATION L0000027     VOLUME   397044.715 3767098.097 113.00
LOCATION L0000028     VOLUME   397052.204 3767103.089 113.00
LOCATION L0000029     VOLUME   397053.373 3767108.779 113.00
LOCATION L0000030     VOLUME   397047.155 3767115.286 113.00
LOCATION L0000031     VOLUME   397040.937 3767121.792 113.00
LOCATION L0000032     VOLUME   397034.719 3767128.299 113.00
LOCATION L0000033     VOLUME   397028.501 3767134.805 113.00
LOCATION L0000034     VOLUME   397022.282 3767141.312 113.00
LOCATION L0000035     VOLUME   397016.064 3767147.818 113.00
LOCATION L0000036     VOLUME   397009.846 3767154.325 113.00
LOCATION L0000037     VOLUME   397003.628 3767160.831 113.00
LOCATION L0000038     VOLUME   396997.409 3767167.337 113.00
LOCATION L0000039     VOLUME   396991.191 3767173.844 113.00
LOCATION L0000040     VOLUME   396984.973 3767180.350 113.00
LOCATION L0000041     VOLUME   396978.755 3767186.857 113.00
LOCATION L0000042     VOLUME   396979.734 3767193.039 113.00
LOCATION L0000043     VOLUME   396986.512 3767198.960 113.00
LOCATION L0000044     VOLUME   396993.099 3767201.243 113.00
LOCATION L0000045     VOLUME   396999.223 3767194.647 113.00
LOCATION L0000046     VOLUME   397005.346 3767188.051 113.00
LOCATION L0000047     VOLUME   397011.469 3767181.455 113.00
LOCATION L0000048     VOLUME   397017.592 3767174.860 113.00
LOCATION L0000049     VOLUME   397023.716 3767168.264 113.00
LOCATION L0000050     VOLUME   397029.839 3767161.668 113.00
LOCATION L0000051     VOLUME   397035.962 3767155.072 113.00
LOCATION L0000052     VOLUME   397042.085 3767148.476 113.00
LOCATION L0000053     VOLUME   397048.209 3767141.880 113.00
LOCATION L0000054     VOLUME   397054.332 3767135.284 113.00
LOCATION L0000055     VOLUME   397060.455 3767128.688 113.00
LOCATION L0000056     VOLUME   397066.578 3767122.092 113.00
LOCATION L0000057     VOLUME   397072.702 3767115.496 113.00
LOCATION L0000058     VOLUME   397079.404 3767110.833 113.00
LOCATION L0000059     VOLUME   397088.146 3767112.973 113.00
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LOCATION L0000060     VOLUME   397096.888 3767115.112 113.00
LOCATION L0000061     VOLUME   397092.403 3767121.199 113.00
LOCATION L0000062     VOLUME   397086.263 3767127.780 113.00
LOCATION L0000063     VOLUME   397080.124 3767134.361 113.00
LOCATION L0000064     VOLUME   397073.984 3767140.942 113.00
LOCATION L0000065     VOLUME   397067.845 3767147.522 113.00
LOCATION L0000066     VOLUME   397061.705 3767154.103 113.00
LOCATION L0000067     VOLUME   397055.566 3767160.684 113.00
LOCATION L0000068     VOLUME   397049.426 3767167.265 113.00
LOCATION L0000069     VOLUME   397043.287 3767173.846 113.00
LOCATION L0000070     VOLUME   397037.147 3767180.426 113.00
LOCATION L0000071     VOLUME   397031.008 3767187.007 113.00
LOCATION L0000072     VOLUME   397024.868 3767193.588 113.00
LOCATION L0000073     VOLUME   397018.729 3767200.169 113.00
LOCATION L0000074     VOLUME   397012.589 3767206.749 113.00
LOCATION L0000075     VOLUME   397006.450 3767213.330 113.00
LOCATION L0000076     VOLUME   397011.345 3767217.816 113.00
LOCATION L0000077     VOLUME   397019.469 3767221.690 113.00
LOCATION L0000078     VOLUME   397026.532 3767220.103 113.00
LOCATION L0000079     VOLUME   397032.616 3767213.470 113.00
LOCATION L0000080     VOLUME   397038.700 3767206.838 113.00
LOCATION L0000081     VOLUME   397044.783 3767200.206 113.00
LOCATION L0000082     VOLUME   397050.867 3767193.573 113.00
LOCATION L0000083     VOLUME   397056.951 3767186.941 113.00
LOCATION L0000084     VOLUME   397063.035 3767180.309 113.00
LOCATION L0000085     VOLUME   397069.118 3767173.676 113.00
LOCATION L0000086     VOLUME   397075.202 3767167.044 113.00
LOCATION L0000087     VOLUME   397081.286 3767160.412 113.00
LOCATION L0000088     VOLUME   397087.370 3767153.779 113.00
LOCATION L0000089     VOLUME   397093.453 3767147.147 113.00
LOCATION L0000090     VOLUME   397099.537 3767140.515 113.00
LOCATION L0000091     VOLUME   397105.621 3767133.882 113.00
LOCATION L0000092     VOLUME   397111.705 3767127.250 113.00
LOCATION L0000093     VOLUME   397118.672 3767123.587 113.00
LOCATION L0000094     VOLUME   397127.391 3767125.816 113.00
LOCATION L0000095     VOLUME   397134.744 3767128.443 113.00
LOCATION L0000096     VOLUME   397128.584 3767135.004 113.00
LOCATION L0000097     VOLUME   397122.424 3767141.566 113.00
LOCATION L0000098     VOLUME   397116.264 3767148.127 113.00
LOCATION L0000099     VOLUME   397110.104 3767154.688 113.00
LOCATION L0000100     VOLUME   397103.944 3767161.250 113.00
LOCATION L0000101     VOLUME   397097.783 3767167.811 113.00
LOCATION L0000102     VOLUME   397091.623 3767174.373 113.00
LOCATION L0000103     VOLUME   397085.463 3767180.934 113.00
LOCATION L0000104     VOLUME   397079.303 3767187.496 113.00
LOCATION L0000105     VOLUME   397073.143 3767194.057 113.00
LOCATION L0000106     VOLUME   397066.983 3767200.619 113.00
LOCATION L0000107     VOLUME   397060.822 3767207.180 113.00
LOCATION L0000108     VOLUME   397054.662 3767213.741 113.00
LOCATION L0000109     VOLUME   397048.502 3767220.303 113.00
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LOCATION L0000110     VOLUME   397055.112 3767223.400 113.00
LOCATION L0000111     VOLUME   397063.743 3767225.948 113.00
LOCATION L0000112     VOLUME   397071.724 3767226.328 113.00
LOCATION L0000113     VOLUME   397077.527 3767219.448 113.00
LOCATION L0000114     VOLUME   397083.329 3767212.568 113.00
LOCATION L0000115     VOLUME   397089.132 3767205.688 113.00
LOCATION L0000116     VOLUME   397094.934 3767198.808 113.00
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** SOURCE PARAMETERS **
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** BUILDING DOWNWASH **
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDWID EG01           284.00   270.01   247.81   218.08   181.73   139.85
   BUILDWID EG01            93.73   103.87   148.81   189.23   223.90   251.77
   BUILDWID EG01           271.99   283.95   287.27   281.87   285.94   289.37
```

BUILDWID	EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDLEN	EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73
XBADJ	EG08	-53.34	-38.33	-22.16	-5.31	-14.19	-45.21
XBADJ	EG08	-74.86	-102.23	-126.50	-146.92	-162.88	-173.89

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   XBADJ    EG08          -179.62  -189.02  -195.95  -196.93  -191.92  -181.08
   XBADJ    EG08          -164.74  -143.40  -117.69   -88.42   -89.68  -103.60

   XBADJ    EG24          -176.77  -206.48  -229.92  -246.37  -255.33  -256.54
   XBADJ    EG24          -249.95  -244.67  -236.73  -221.60  -199.73  -171.79
   XBADJ    EG24          -138.64  -101.27   -60.83   -18.53    -1.56    -7.12
   XBADJ    EG24           -12.46   -17.42   -21.86   -25.62   -28.62   -30.74
   XBADJ    EG24           -31.92   -41.27   -52.64   -62.41   -70.28   -76.02
   XBADJ    EG24           -79.44   -80.46   -79.03   -75.19  -102.30  -141.69

   YBADJ    EG01          -116.27  -112.33  -104.97   -94.42   -81.00   -65.12
   YBADJ    EG01           -47.27   -31.64   -11.46     9.06    29.31    48.68
   YBADJ    EG01            66.56    82.42    95.77   106.22   113.55   116.68
   YBADJ    EG01           116.27   112.33   104.97    94.42    81.00    65.12
   YBADJ    EG01            47.27    31.64    11.46    -9.06   -29.31   -48.68
   YBADJ    EG01           -66.56   -82.42   -95.77  -106.22  -113.55  -116.69

   YBADJ    EG08           -54.92   -56.92   -57.18   -55.70   -52.53   -47.77
   YBADJ    EG08           -41.55   -37.74   -29.19   -19.76    -9.72     0.61
   YBADJ    EG08            10.93    20.91    30.25    38.68    46.05    51.27
   YBADJ    EG08            54.92    56.92    57.18    55.70    52.53    47.77
   YBADJ    EG08            41.55    37.74    29.19    19.76     9.72    -0.61
   YBADJ    EG08           -10.93   -20.91   -30.25   -38.68   -46.05   -51.27

   YBADJ    EG24            79.59    64.72    47.89    29.60    10.41    -9.10
   YBADJ    EG24           -28.33   -50.37   -67.29   -82.16   -94.53  -104.03
   YBADJ    EG24          -110.37  -113.36  -112.90  -109.01  -101.70   -92.04
   YBADJ    EG24           -79.59   -64.72   -47.89   -29.60   -10.41     9.10
   YBADJ    EG24            28.33    50.37    67.29    82.16    94.53   104.03
   YBADJ    EG24           110.37   113.36   112.90   109.01   101.70    92.04

   URBANSRC ALL

** VARIABLE EMISSIONS TYPE: "BY HOUR / DAY (HRDOW)"
** VARIABLE EMISSION SCENARIO: "OPERATIONS"
** WEEKDAYS:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WEEKDAYS:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP GENERATO EG01 EG08 EG24
   SRCGROUP AREA     L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
   SRCGROUP AREA     L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
   SRCGROUP AREA     L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
   SRCGROUP AREA     L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
   SRCGROUP AREA     L0000025 L0000026 L0000027 L0000028 L0000029 L0000030
   SRCGROUP AREA     L0000031 L0000032 L0000033 L0000034 L0000035 L0000036
   SRCGROUP AREA     L0000037 L0000038 L0000039 L0000040 L0000041 L0000042
   SRCGROUP AREA     L0000043 L0000044 L0000045 L0000046 L0000047 L0000048
   SRCGROUP AREA     L0000049 L0000050 L0000051 L0000052 L0000053 L0000054
   SRCGROUP AREA     L0000055 L0000056 L0000057 L0000058 L0000059 L0000060
   SRCGROUP AREA     L0000061 L0000062 L0000063 L0000064 L0000065 L0000066
   SRCGROUP AREA     L0000067 L0000068 L0000069 L0000070 L0000071 L0000072
   SRCGROUP AREA     L0000073 L0000074 L0000075 L0000076 L0000077 L0000078
   SRCGROUP AREA     L0000079 L0000080 L0000081 L0000082 L0000083 L0000084
   SRCGROUP AREA     L0000085 L0000086 L0000087 L0000088 L0000089 L0000090
   SRCGROUP AREA     L0000091 L0000092 L0000093 L0000094 L0000095 L0000096
   SRCGROUP AREA     L0000097 L0000098 L0000099 L0000100 L0000101 L0000102
   SRCGROUP AREA     L0000103 L0000104 L0000105 L0000106 L0000107 L0000108
   SRCGROUP AREA     L0000109 L0000110 L0000111 L0000112 L0000113 L0000114
```

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   SRCGROUP AREA     L0000115 L0000116 L0000117 L0000118 L0000119 L0000120
   SRCGROUP AREA     L0000121 L0000122 L0000123 L0000124 L0000125 L0000126
   SRCGROUP AREA     L0000127 L0000128 L0000129 L0000130 L0000131 L0000132
   SRCGROUP AREA     L0000133 L0000134 L0000135 L0000136 L0000137 L0000138
   SRCGROUP AREA     L0000139 L0000140 L0000141 L0000142 L0000143 L0000144
   SRCGROUP AREA     L0000145 L0000146 L0000147 L0000148 L0000149 L0000150
   SRCGROUP AREA     L0000151 L0000152 L0000153 L0000154 L0000155 L0000156
   SRCGROUP AREA     L0000157 L0000158 L0000159 L0000160 L0000161 L0000162
   SRCGROUP AREA     L0000163 L0000164 L0000165 L0000166 L0000167 L0000168
   SRCGROUP AREA     L0000169 L0000170 L0000171 L0000172 L0000173 L0000174
   SRCGROUP AREA     L0000175 L0000176 L0000177 L0000178 L0000179 L0000180
   SRCGROUP AREA     L0000181 L0000182 L0000183 L0000184 L0000185 L0000186
   SRCGROUP AREA     L0000187 L0000188 L0000189 L0000190 L0000191 L0000192
   SRCGROUP AREA     L0000193 L0000194 L0000195 L0000196 L0000197 L0000198
   SRCGROUP AREA     L0000199 L0000200 L0000201 L0000202 L0000203 L0000204
   SRCGROUP AREA     L0000205 L0000206 L0000207 L0000208 L0000209 L0000210
   SRCGROUP AREA     L0000211 L0000212 L0000213 L0000214 L0000215 L0000216
   SRCGROUP AREA     L0000217 L0000218 L0000219 L0000220 L0000221 L0000222
   SRCGROUP AREA     L0000223 L0000224 L0000225 L0000226 L0000227 L0000228
   SRCGROUP AREA     L0000229 L0000230 L0000231 L0000232 L0000233 L0000234
   SRCGROUP AREA     L0000235 L0000236 L0000237 L0000238 L0000239 L0000240
   SRCGROUP AREA     L0000241 L0000242 L0000243 L0000244 L0000245 L0000246
   SRCGROUP AREA     L0000247 L0000248 L0000249 L0000250 L0000251 L0000252
   SRCGROUP AREA     L0000253 L0000254 L0000255 L0000256 L0000257 L0000258
   SRCGROUP AREA     L0000259 L0000260 L0000261 L0000262 L0000263 L0000264
   SRCGROUP AREA     L0000265 L0000266 L0000267 L0000268 L0000269 L0000270
   SRCGROUP AREA     L0000271 L0000272 L0000273 L0000274 L0000275 L0000276
   SRCGROUP AREA     L0000277 L0000278 L0000279 L0000280 L0000281 L0000282
   SRCGROUP AREA     L0000283 L0000284 L0000285 L0000286 L0000287 L0000288
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   INCLUDED SATURN_CO.ROU
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\SATURN_CO\PICO_V9_ADJU\
   SURFFILE PICO_V9_ADJU\PICO_V9.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\SATURN_CO\PICO_V9_ADJU\
```

```
   PROFFILE PICO_V9_ADJU\PICO_V9.PFL
   SURFDATA 3166 2010 PICO
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST 8TH
   RECTABLE 8 1ST
** AUTO-GENERATED PLOTFILES
   PLOTFILE   1 ALL 1ST "C:\LAKES\AERMOD VIEW\SATURN_CO\SATURN_CO.AD\01H1GALL.PLT"
31
   PLOTFILE   8 ALL 1ST "C:\LAKES\AERMOD VIEW\SATURN_CO\SATURN_CO.AD\08H1GALL.PLT"
32
   PLOTFILE   1 GENERATO 1ST "C:\LAKES\AERMOD
VIEW\SATURN_CO\SATURN_CO.AD\01H1G001.PLT" 33
   PLOTFILE   8 GENERATO 1ST "C:\LAKES\AERMOD
VIEW\SATURN_CO\SATURN_CO.AD\08H1G001.PLT" 34
   PLOTFILE   1 AREA 1ST "C:\LAKES\AERMOD VIEW\SATURN_CO\SATURN_CO.AD\01H1G002.PLT"
35
   PLOTFILE   8 AREA 1ST "C:\LAKES\AERMOD VIEW\SATURN_CO\SATURN_CO.AD\08H1G002.PLT"
36
   PLOTFILE   1 ALL 8TH "C:\LAKES\AERMOD VIEW\SATURN_CO\SATURN_CO.AD\01H8GALL.PLT"
37
   PLOTFILE   1 GENERATO 8TH "C:\LAKES\AERMOD
VIEW\SATURN_CO\SATURN_CO.AD\01H8G001.PLT" 38
   PLOTFILE   1 AREA 8TH "C:\LAKES\AERMOD VIEW\SATURN_CO\SATURN_CO.AD\01H8G002.PLT"
39
   SUMMFILE "C:\LAKES\AERMOD VIEW\SATURN_CO\SATURN_CO.SUM"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
                ***  NONE  ***
```

```
   ********   WARNING MESSAGES   ********
 ME W186     905       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     905       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                         ***        13:18:19

                                    PAGE   1
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                              ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Allows User-Specified Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   291 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9830000.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: CO

 **Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

 **This Run Includes:    291 Source(s);       3 Source Group(s); and     608
Receptor(s)
```

```
                with:      3 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    288 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing
Hours
                                                                 b for Both Calm
and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    58.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.7 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   SATURN_CO.ERR

 **File for Summary of Results:   C:\LAKES\AERMOD VIEW\SATURN_CO\SATURN_CO.SUM

↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR
EG01	0	0.10244E+01	397047.3	3767179.2	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG08	0	0.10244E+01	397112.7	3767197.0	109.3	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG24	0	0.10244E+01	397256.0	3767235.0	113.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000001	0	0.34722E-02	397018.4	3767094.7	113.0	5.10	4.19	4.74	YES	NO	
L0000002	0	0.34722E-02	397011.8	3767100.8	113.0	5.10	4.19	4.74	YES	NO	
L0000003	0	0.34722E-02	397005.2	3767107.0	113.0	5.10	4.19	4.74	YES	NO	
L0000004	0	0.34722E-02	396998.6	3767113.1	113.0	5.10	4.19				

```
4.74     YES                    NO
 L0000005         0   0.34722E-02  396992.1 3767119.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000006         0   0.34722E-02  396985.5 3767125.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000007         0   0.34722E-02  396978.9 3767131.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000008         0   0.34722E-02  396972.3 3767137.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000009         0   0.34722E-02  396965.7 3767143.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000010         0   0.34722E-02  396959.1 3767149.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000011         0   0.34722E-02  396952.5 3767156.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000012         0   0.34722E-02  396950.0 3767162.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000013         0   0.34722E-02  396956.0 3767169.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000014         0   0.34722E-02  396962.1 3767175.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000015         0   0.34722E-02  396968.3 3767173.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000016         0   0.34722E-02  396974.7 3767166.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000017         0   0.34722E-02  396981.0 3767160.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000018         0   0.34722E-02  396987.4 3767154.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000019         0   0.34722E-02  396993.7 3767147.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000020         0   0.34722E-02  397000.1 3767141.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000021         0   0.34722E-02  397006.4 3767134.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000022         0   0.34722E-02  397012.8 3767128.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000023         0   0.34722E-02  397019.2 3767122.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000024         0   0.34722E-02  397025.5 3767115.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000025         0   0.34722E-02  397031.9 3767109.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000026         0   0.34722E-02  397038.2 3767103.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000027         0   0.34722E-02  397044.7 3767098.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000028         0   0.34722E-02  397052.2 3767103.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000029         0   0.34722E-02  397053.4 3767108.8   113.0     5.10     4.19
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4.74     YES                    NO
 L0000030         0   0.34722E-02  397047.2 3767115.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000031         0   0.34722E-02  397040.9 3767121.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000032         0   0.34722E-02  397034.7 3767128.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000033         0   0.34722E-02  397028.5 3767134.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000034         0   0.34722E-02  397022.3 3767141.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000035         0   0.34722E-02  397016.1 3767147.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000036         0   0.34722E-02  397009.8 3767154.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000037         0   0.34722E-02  397003.6 3767160.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000038         0   0.34722E-02  396997.4 3767167.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000039         0   0.34722E-02  396991.2 3767173.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000040         0   0.34722E-02  396985.0 3767180.3   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                         ***       13:18:19

                                   PAGE   4
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 L0000041         0   0.34722E-02  396978.8 3767186.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000042         0   0.34722E-02  396979.7 3767193.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000043         0   0.34722E-02  396986.5 3767199.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000044         0   0.34722E-02  396993.1 3767201.2   113.0     5.10     4.19
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4.74     YES                    NO
 L0000045         0   0.34722E-02  396999.2 3767194.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000046         0   0.34722E-02  397005.3 3767188.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000047         0   0.34722E-02  397011.5 3767181.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000048         0   0.34722E-02  397017.6 3767174.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000049         0   0.34722E-02  397023.7 3767168.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000050         0   0.34722E-02  397029.8 3767161.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000051         0   0.34722E-02  397036.0 3767155.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000052         0   0.34722E-02  397042.1 3767148.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000053         0   0.34722E-02  397048.2 3767141.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000054         0   0.34722E-02  397054.3 3767135.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000055         0   0.34722E-02  397060.5 3767128.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000056         0   0.34722E-02  397066.6 3767122.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000057         0   0.34722E-02  397072.7 3767115.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000058         0   0.34722E-02  397079.4 3767110.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000059         0   0.34722E-02  397088.1 3767113.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000060         0   0.34722E-02  397096.9 3767115.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000061         0   0.34722E-02  397092.4 3767121.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000062         0   0.34722E-02  397086.3 3767127.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000063         0   0.34722E-02  397080.1 3767134.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000064         0   0.34722E-02  397074.0 3767140.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000065         0   0.34722E-02  397067.8 3767147.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000066         0   0.34722E-02  397061.7 3767154.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000067         0   0.34722E-02  397055.6 3767160.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000068         0   0.34722E-02  397049.4 3767167.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000069         0   0.34722E-02  397043.3 3767173.8   113.0     5.10     4.19
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4.74     YES                    NO
 L0000070         0   0.34722E-02  397037.1 3767180.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000071         0   0.34722E-02  397031.0 3767187.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000072         0   0.34722E-02  397024.9 3767193.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000073         0   0.34722E-02  397018.7 3767200.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000074         0   0.34722E-02  397012.6 3767206.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000075         0   0.34722E-02  397006.5 3767213.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000076         0   0.34722E-02  397011.3 3767217.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000077         0   0.34722E-02  397019.5 3767221.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000078         0   0.34722E-02  397026.5 3767220.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000079         0   0.34722E-02  397032.6 3767213.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000080         0   0.34722E-02  397038.7 3767206.8   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0000081         0   0.34722E-02  397044.8 3767200.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000082         0   0.34722E-02  397050.9 3767193.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000083         0   0.34722E-02  397057.0 3767186.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000084         0   0.34722E-02  397063.0 3767180.3   113.0     5.10     4.19
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4.74     YES                    NO
 L0000085         0   0.34722E-02  397069.1 3767173.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000086         0   0.34722E-02  397075.2 3767167.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000087         0   0.34722E-02  397081.3 3767160.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000088         0   0.34722E-02  397087.4 3767153.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000089         0   0.34722E-02  397093.5 3767147.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000090         0   0.34722E-02  397099.5 3767140.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000091         0   0.34722E-02  397105.6 3767133.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000092         0   0.34722E-02  397111.7 3767127.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000093         0   0.34722E-02  397118.7 3767123.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000094         0   0.34722E-02  397127.4 3767125.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000095         0   0.34722E-02  397134.7 3767128.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000096         0   0.34722E-02  397128.6 3767135.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000097         0   0.34722E-02  397122.4 3767141.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000098         0   0.34722E-02  397116.3 3767148.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000099         0   0.34722E-02  397110.1 3767154.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000100         0   0.34722E-02  397103.9 3767161.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000101         0   0.34722E-02  397097.8 3767167.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000102         0   0.34722E-02  397091.6 3767174.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000103         0   0.34722E-02  397085.5 3767180.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000104         0   0.34722E-02  397079.3 3767187.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000105         0   0.34722E-02  397073.1 3767194.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000106         0   0.34722E-02  397067.0 3767200.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000107         0   0.34722E-02  397060.8 3767207.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000108         0   0.34722E-02  397054.7 3767213.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000109         0   0.34722E-02  397048.5 3767220.3   113.0     5.10     4.19
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4.74     YES                    NO
 L0000110         0   0.34722E-02  397055.1 3767223.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000111         0   0.34722E-02  397063.7 3767225.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000112         0   0.34722E-02  397071.7 3767226.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000113         0   0.34722E-02  397077.5 3767219.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000114         0   0.34722E-02  397083.3 3767212.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000115         0   0.34722E-02  397089.1 3767205.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000116         0   0.34722E-02  397094.9 3767198.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000117         0   0.34722E-02  397100.7 3767191.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000118         0   0.34722E-02  397106.5 3767185.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000119         0   0.34722E-02  397112.3 3767178.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000120         0   0.34722E-02  397118.1 3767171.3   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0000121         0   0.34722E-02  397123.9 3767164.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000122         0   0.34722E-02  397129.7 3767157.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000123         0   0.34722E-02  397135.6 3767150.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000124         0   0.34722E-02  397141.4 3767143.8   113.0     5.10     4.19
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4.74     YES                    NO
 L0000125         0   0.34722E-02  397147.2 3767136.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000126         0   0.34722E-02  397154.5 3767134.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000127         0   0.34722E-02  397163.3 3767136.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000128         0   0.34722E-02  397163.6 3767141.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000129         0   0.34722E-02  397157.8 3767148.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000130         0   0.34722E-02  397152.0 3767155.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000131         0   0.34722E-02  397146.3 3767162.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000132         0   0.34722E-02  397140.5 3767169.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000133         0   0.34722E-02  397134.7 3767176.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000134         0   0.34722E-02  397128.9 3767183.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000135         0   0.34722E-02  397123.2 3767190.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000136         0   0.34722E-02  397117.4 3767197.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000137         0   0.34722E-02  397111.6 3767203.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000138         0   0.34722E-02  397105.8 3767210.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000139         0   0.34722E-02  397100.0 3767217.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000140         0   0.34722E-02  397094.3 3767224.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000141         0   0.34722E-02  397090.7 3767230.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000142         0   0.34722E-02  397099.5 3767232.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000143         0   0.34722E-02  397108.3 3767234.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000144         0   0.34722E-02  397115.8 3767233.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000145         0   0.34722E-02  397121.2 3767226.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000146         0   0.34722E-02  397126.5 3767218.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000147         0   0.34722E-02  397131.9 3767211.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000148         0   0.34722E-02  397137.3 3767204.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000149         0   0.34722E-02  397142.6 3767197.2   113.0     5.10     4.19
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4.74     YES                    NO
 L0000150         0   0.34722E-02  397148.0 3767189.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000151         0   0.34722E-02  397153.3 3767182.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000152         0   0.34722E-02  397158.7 3767175.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000153         0   0.34722E-02  397164.0 3767168.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000154         0   0.34722E-02  397169.4 3767161.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000155         0   0.34722E-02  397174.7 3767153.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000156         0   0.34722E-02  397180.1 3767146.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000157         0   0.34722E-02  397187.7 3767145.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000158         0   0.34722E-02  397196.6 3767146.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000159         0   0.34722E-02  397199.6 3767150.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000160         0   0.34722E-02  397194.0 3767157.6   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0000161         0   0.34722E-02  397188.3 3767164.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000162         0   0.34722E-02  397182.7 3767171.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000163         0   0.34722E-02  397177.0 3767178.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000164         0   0.34722E-02  397171.4 3767185.6   113.0     5.10     4.19
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4.74     YES                    NO
 L0000165         0   0.34722E-02  397165.7 3767192.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000166         0   0.34722E-02  397160.0 3767199.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000167         0   0.34722E-02  397154.4 3767206.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000168         0   0.34722E-02  397148.7 3767213.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000169         0   0.34722E-02  397143.1 3767220.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000170         0   0.34722E-02  397137.4 3767227.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000171         0   0.34722E-02  397131.8 3767234.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000172         0   0.34722E-02  397127.4 3767241.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000173         0   0.34722E-02  397134.6 3767246.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000174         0   0.34722E-02  397138.0 3767254.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000175         0   0.34722E-02  397142.2 3767254.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000176         0   0.34722E-02  397147.6 3767246.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000177         0   0.34722E-02  397153.0 3767239.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000178         0   0.34722E-02  397158.4 3767232.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000179         0   0.34722E-02  397163.8 3767225.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000180         0   0.34722E-02  397169.2 3767218.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000181         0   0.34722E-02  397174.6 3767210.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000182         0   0.34722E-02  397180.0 3767203.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000183         0   0.34722E-02  397185.4 3767196.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000184         0   0.34722E-02  397190.8 3767189.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000185         0   0.34722E-02  397196.3 3767182.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000186         0   0.34722E-02  397201.7 3767175.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000187         0   0.34722E-02  397207.1 3767167.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000188         0   0.34722E-02  397212.5 3767160.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000189         0   0.34722E-02  397218.0 3767153.7   113.0     5.10     4.19
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4.74     YES                    NO
 L0000190         0   0.34722E-02  397226.8 3767155.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000191         0   0.34722E-02  397235.6 3767157.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000192         0   0.34722E-02  397237.4 3767161.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000193         0   0.34722E-02  397231.5 3767168.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000194         0   0.34722E-02  397225.7 3767175.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000195         0   0.34722E-02  397219.8 3767182.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000196         0   0.34722E-02  397214.0 3767189.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000197         0   0.34722E-02  397208.2 3767196.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000198         0   0.34722E-02  397202.3 3767202.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000199         0   0.34722E-02  397196.5 3767209.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000200         0   0.34722E-02  397190.6 3767216.6   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0000201         0   0.34722E-02  397184.8 3767223.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000202         0   0.34722E-02  397178.9 3767230.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000203         0   0.34722E-02  397173.1 3767237.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000204         0   0.34722E-02  397167.2 3767244.0   113.0     5.10     4.19
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4.74     YES                    NO
 L0000205         0   0.34722E-02  397161.4 3767250.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000206         0   0.34722E-02  397155.5 3767257.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000207         0   0.34722E-02  397150.7 3767264.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000208         0   0.34722E-02  397157.1 3767270.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000209         0   0.34722E-02  397163.4 3767277.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000210         0   0.34722E-02  397169.2 3767275.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000211         0   0.34722E-02  397174.8 3767268.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000212         0   0.34722E-02  397180.3 3767261.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000213         0   0.34722E-02  397185.9 3767254.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000214         0   0.34722E-02  397191.4 3767247.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000215         0   0.34722E-02  397197.0 3767239.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000216         0   0.34722E-02  397202.5 3767232.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000217         0   0.34722E-02  397208.1 3767225.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000218         0   0.34722E-02  397213.6 3767218.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000219         0   0.34722E-02  397219.2 3767211.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000220         0   0.34722E-02  397224.7 3767204.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000221         0   0.34722E-02  397230.3 3767197.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000222         0   0.34722E-02  397235.8 3767190.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000223         0   0.34722E-02  397241.4 3767183.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000224         0   0.34722E-02  397246.9 3767176.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000225         0   0.34722E-02  397252.5 3767169.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000226         0   0.34722E-02  397258.0 3767162.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000227         0   0.34722E-02  397265.0 3767159.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000228         0   0.34722E-02  397273.6 3767162.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000229         0   0.34722E-02  397279.4 3767165.4   113.0     5.10     4.19
```

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4.74     YES                    NO
 L0000230         0   0.34722E-02  397273.5 3767172.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000231         0   0.34722E-02  397267.7 3767179.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000232         0   0.34722E-02  397261.8 3767185.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000233         0   0.34722E-02  397256.0 3767192.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000234         0   0.34722E-02  397250.1 3767199.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000235         0   0.34722E-02  397244.3 3767206.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000236         0   0.34722E-02  397238.5 3767213.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000237         0   0.34722E-02  397232.6 3767220.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000238         0   0.34722E-02  397226.8 3767227.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000239         0   0.34722E-02  397220.9 3767233.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000240         0   0.34722E-02  397215.1 3767240.7   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 L0000241         0   0.34722E-02  397209.2 3767247.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000242         0   0.34722E-02  397203.4 3767254.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000243         0   0.34722E-02  397197.5 3767261.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000244         0   0.34722E-02  397191.7 3767268.0   113.0     5.10     4.19
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4.74     YES                    NO
 L0000245         0   0.34722E-02  397185.8 3767274.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000246         0   0.34722E-02  397180.0 3767281.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000247         0   0.34722E-02  397174.1 3767288.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000248         0   0.34722E-02  397181.8 3767292.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000249         0   0.34722E-02  397189.6 3767297.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000250         0   0.34722E-02  397198.0 3767300.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000251         0   0.34722E-02  397203.8 3767294.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000252         0   0.34722E-02  397209.3 3767287.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000253         0   0.34722E-02  397214.8 3767280.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000254         0   0.34722E-02  397220.3 3767273.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000255         0   0.34722E-02  397225.8 3767266.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000256         0   0.34722E-02  397231.2 3767259.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000257         0   0.34722E-02  397236.7 3767251.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000258         0   0.34722E-02  397242.2 3767244.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000259         0   0.34722E-02  397247.7 3767237.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000260         0   0.34722E-02  397253.2 3767230.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000261         0   0.34722E-02  397258.7 3767223.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000262         0   0.34722E-02  397264.1 3767216.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000263         0   0.34722E-02  397269.6 3767209.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000264         0   0.34722E-02  397275.1 3767201.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000265         0   0.34722E-02  397280.6 3767194.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000266         0   0.34722E-02  397286.1 3767187.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000267         0   0.34722E-02  397291.5 3767180.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000268         0   0.34722E-02  397297.0 3767173.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000269         0   0.34722E-02  397302.5 3767166.2   113.0     5.10     4.19
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4.74     YES                    NO
 L0000270         0   0.34722E-02  397310.5 3767166.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000271         0   0.34722E-02  397319.2 3767168.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000272         0   0.34722E-02  397319.4 3767173.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000273         0   0.34722E-02  397313.9 3767181.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000274         0   0.34722E-02  397308.4 3767188.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000275         0   0.34722E-02  397303.0 3767195.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000276         0   0.34722E-02  397297.5 3767202.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000277         0   0.34722E-02  397292.1 3767209.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000278         0   0.34722E-02  397286.6 3767216.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000279         0   0.34722E-02  397281.1 3767223.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000280         0   0.34722E-02  397275.7 3767231.0   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 L0000281         0   0.34722E-02  397270.2 3767238.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000282         0   0.34722E-02  397264.8 3767245.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000283         0   0.34722E-02  397259.3 3767252.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000284         0   0.34722E-02  397253.9 3767259.7   113.0     5.10     4.19
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4.74     YES                    NO
 L0000285         0   0.34722E-02  397248.4 3767266.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000286         0   0.34722E-02  397242.9 3767274.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000287         0   0.34722E-02  397237.5 3767281.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000288         0   0.34722E-02  397232.0 3767288.3   113.0     5.10     4.19
4.74     YES                    NO
```

```
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                                  SOURCE IDs
 -----------                                                  ----------


  GENERATO   EG01        , EG08        , EG24        ,

  AREA       L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    ,

             L0000009    , L0000010    , L0000011    , L0000012    , L0000013    ,
L0000014    , L0000015    , L0000016    ,

             L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    ,

             L0000025    , L0000026    , L0000027    , L0000028    , L0000029    ,
L0000030    , L0000031    , L0000032    ,

             L0000033    , L0000034    , L0000035    , L0000036    , L0000037    ,
L0000038    , L0000039    , L0000040    ,

             L0000041    , L0000042    , L0000043    , L0000044    , L0000045    ,
L0000046    , L0000047    , L0000048    ,

             L0000049    , L0000050    , L0000051    , L0000052    , L0000053    ,
L0000054    , L0000055    , L0000056    ,

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L0000062    , L0000063    , L0000064    ,
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L0000094    , L0000095    , L0000096    ,

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L0000118    , L0000119    , L0000120    ,

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L0000150    , L0000151    , L0000152    ,
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                          SOURCE IDs
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             L0000153    , L0000154    , L0000155    , L0000156    , L0000157    ,
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L0000286    , L0000287    , L0000288    ,
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 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID   SOURCE IDs
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             L0000022   , L0000023   , L0000024   , L0000025   , L0000026   ,
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L0000059   , L0000060   , L0000061   ,

             L0000062   , L0000063   , L0000064   , L0000065   , L0000066   ,
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             L0000070   , L0000071   , L0000072   , L0000073   , L0000074   ,
L0000075   , L0000076   , L0000077   ,

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L0000179    , L0000180    , L0000181    ,
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------

             L0000182    , L0000183    , L0000184    , L0000185    , L0000186    ,
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L0000235   , L0000236   , L0000237   ,

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L0000251   , L0000252   , L0000253   ,

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L0000283   , L0000284   , L0000285   ,

             L0000286   , L0000287   , L0000288   ,

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

URBAN ID	URBAN POP	SOURCE IDs
	9830000.	EG01 , EG08 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
		L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
		L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
		L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , L0000029 ,
		L0000030 , L0000031 , L0000032 , L0000033 , L0000034 , L0000035 , L0000036 , L0000037 ,
		L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 ,
		L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 ,
		L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 ,
		L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 ,
		L0000070 , L0000071 , L0000072 , L0000073 , L0000074 , L0000075 , L0000076 , L0000077 ,
		L0000078 , L0000079 , L0000080 , L0000081 , L0000082 , L0000083 , L0000084 , L0000085 ,
		L0000086 , L0000087 , L0000088 , L0000089 , L0000090 , L0000091 , L0000092 , L0000093 ,
		L0000094 , L0000095 , L0000096 , L0000097 , L0000098 , L0000099 , L0000100 , L0000101 ,
		L0000102 , L0000103 , L0000104 , L0000105 , L0000106 , L0000107 , L0000108 , L0000109 ,
		L0000110 , L0000111 , L0000112 , L0000113 , L0000114 , L0000115 , L0000116 , L0000117 ,

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L0000147 , L0000148 , L0000149 ,

L0000150 , L0000151 , L0000152 , L0000153 , L0000154 ,
L0000155 , L0000156 , L0000157 ,

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0000158 , L0000159 , L0000160 , L0000161 , L0000162 ,
L0000163 , L0000164 , L0000165 ,

L0000166 , L0000167 , L0000168 , L0000169 , L0000170 ,
L0000171 , L0000172 , L0000173 ,

L0000174 , L0000175 , L0000176 , L0000177 , L0000178 ,
L0000179 , L0000180 , L0000181 ,

L0000182 , L0000183 , L0000184 , L0000185 , L0000186 ,
L0000187 , L0000188 , L0000189 ,

L0000190 , L0000191 , L0000192 , L0000193 , L0000194 ,
L0000195 , L0000196 , L0000197 ,

L0000198 , L0000199 , L0000200 , L0000201 , L0000202 ,
L0000203 , L0000204 , L0000205 ,

L0000206 , L0000207 , L0000208 , L0000209 , L0000210 ,

L0000211   , L0000212   , L0000213   ,

             L0000214   , L0000215   , L0000216   , L0000217   , L0000218   ,
L0000219   , L0000220   , L0000221   ,

             L0000222   , L0000223   , L0000224   , L0000225   , L0000226   ,
L0000227   , L0000228   , L0000229   ,

             L0000230   , L0000231   , L0000232   , L0000233   , L0000234   ,
L0000235   , L0000236   , L0000237   ,

             L0000238   , L0000239   , L0000240   , L0000241   , L0000242   ,
L0000243   , L0000244   , L0000245   ,

             L0000246   , L0000247   , L0000248   , L0000249   , L0000250   ,
L0000251   , L0000252   , L0000253   ,

             L0000254   , L0000255   , L0000256   , L0000257   , L0000258   ,
L0000259   , L0000260   , L0000261   ,

             L0000262   , L0000263   , L0000264   , L0000265   , L0000266   ,
L0000267   , L0000268   , L0000269   ,

             L0000270   , L0000271   , L0000272   , L0000273   , L0000274   ,
L0000275   , L0000276   , L0000277   ,

             L0000278   , L0000279   , L0000280   , L0000281   , L0000282   ,
L0000283   , L0000284   , L0000285   ,

             L0000286   , L0000287   , L0000288   ,

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

 SOURCE ID: EG01
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -85.5, -116.3,   2   12.8, 270.0, 223.9,
-82.6, -112.3,
    3   12.8, 247.8, 251.8, -77.2, -105.0,   4   12.8, 218.1, 272.0,
-69.4, -94.4,
    5   12.8, 181.7, 283.9, -59.5, -81.0,   6   12.8, 139.9, 287.3,

```
-47.9,  -65.1,
    7   12.8,   93.7,  281.9,  -34.7,  -47.3,      8   12.8,  103.9,  285.9,
-29.4,  -31.6,
    9   12.8,  148.8,  289.4,  -28.0,  -11.5,     10   12.8,  189.2,  284.0,
-25.7,    9.1,
   11   12.8,  223.9,  270.0,  -22.7,   29.3,     12   12.8,  251.8,  247.8,
-18.9,   48.7,
   13   12.8,  272.0,  218.1,  -14.6,   66.6,     14   12.8,  283.9,  181.7,
-9.9,   82.4,
   15   12.8,  287.3,  139.9,   -4.8,   95.8,     16   12.8,  281.9,   93.7,
0.4,  106.2,
   17   12.8,  285.9,  103.9,  -20.3,  113.5,     18   12.8,  289.4,  148.8,
-62.9,  116.7,
   19   12.8,  284.0,  189.2, -103.7,  116.3,     20   12.8,  270.0,  223.9,
-141.3,  112.3,
   21   12.8,  247.8,  251.8, -174.6,  105.0,     22   12.8,  218.1,  272.0,
-202.6,   94.4,
   23   12.8,  181.7,  283.9, -224.4,   81.0,     24   12.8,  139.9,  287.3,
-239.4,   65.1,
   25   12.8,   93.7,  281.9, -247.2,   47.3,     26   12.8,  103.9,  285.9,
-256.5,   31.6,
   27   12.8,  148.8,  289.4, -261.4,   11.5,     28   12.8,  189.2,  284.0,
-258.3,   -9.1,
   29   12.8,  223.9,  270.0, -247.3,  -29.3,     30   12.8,  251.8,  247.8,
-228.9,  -48.7,
   31   12.8,  272.0,  218.1, -203.5,  -66.6,     32   12.8,  283.9,  181.7,
-171.9,  -82.4,
   33   12.8,  287.3,  139.9, -135.1,  -95.8,     34   12.8,  281.9,   93.7,
-94.1, -106.2,
   35   12.8,  285.9,  103.9,  -83.6, -113.5,     36   12.8,  289.4,  148.8,
-85.9, -116.7,


 SOURCE ID: EG08
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -114.4,  -54.9,      2   12.8,  270.0,  223.9,
-121.7,  -56.9,
    3   12.8,  247.8,  251.8, -125.3,  -57.2,      4   12.8,  218.1,  272.0,
-125.1,  -55.7,
    5   12.8,  181.7,  283.9, -121.1,  -52.5,      6   12.8,  139.9,  287.3,
-113.4,  -47.8,
    7   12.8,   93.7,  281.9, -102.2,  -41.5,      8   12.8,  103.9,  285.9,
-96.9,  -37.7,
    9   12.8,  148.8,  289.4,  -93.4,  -29.2,     10   12.8,  189.2,  284.0,
-87.1,  -19.8,
   11   12.8,  223.9,  270.0,  -78.1,   -9.7,     12   12.8,  251.8,  247.8,
-66.7,    0.6,
   13   12.8,  272.0,  218.1,  -53.3,   10.9,     14   12.8,  283.9,  181.7,
-38.3,   20.9,
```

```
   15   12.8,  287.3,  139.9,  -22.2,   30.2,     16   12.8,  281.9,   93.7,
-5.3,   38.7,
   17   12.8,  285.9,  103.9,  -14.2,   46.0,     18   12.8,  289.4,  148.8,
-45.2,   51.3,
   19   12.8,  284.0,  189.2,  -74.9,   54.9,     20   12.8,  270.0,  223.9,
-102.2,   56.9,
   21   12.8,  247.8,  251.8, -126.5,   57.2,     22   12.8,  218.1,  272.0,
-146.9,   55.7,
   23   12.8,  181.7,  283.9, -162.9,   52.5,     24   12.8,  139.9,  287.3,
-173.9,   47.8,
   25   12.8,   93.7,  281.9, -179.6,   41.5,     26   12.8,  103.9,  285.9,
-189.0,   37.7,
   27   12.8,  148.8,  289.4, -196.0,   29.2,     28   12.8,  189.2,  284.0,
-196.9,   19.8,
   29   12.8,  223.9,  270.0, -191.9,    9.7,     30   12.8,  251.8,  247.8,
-181.1,   -0.6,
   31   12.8,  272.0,  218.1, -164.7,  -10.9,     32   12.8,  283.9,  181.7,
-143.4,  -20.9,
   33   12.8,  287.3,  139.9, -117.7,  -30.2,     34   12.8,  281.9,   93.7,
-88.4,  -38.7,
   35   12.8,  285.9,  103.9,  -89.7,  -46.0,     36   12.8,  289.4,  148.8,
-103.6,  -51.3,


 SOURCE ID: EG24
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -176.8,   79.6,      2   12.8,  270.0,  223.9,
-206.5,   64.7,
    3   12.8,  247.8,  251.8, -229.9,   47.9,      4   12.8,  218.1,  272.0,
-246.4,   29.6,
    5   12.8,  181.7,  283.9, -255.3,   10.4,      6   12.8,  139.9,  287.3,
-256.5,   -9.1,
    7   12.8,   93.7,  281.9, -250.0,  -28.3,      8   12.8,  103.9,  285.9,
-244.7,  -50.4,
    9   12.8,  148.8,  289.4, -236.7,  -67.3,     10   12.8,  189.2,  284.0,
-221.6,  -82.2,
   11   12.8,  223.9,  270.0, -199.7,  -94.5,     12   12.8,  251.8,  247.8,
-171.8, -104.0,
   13   12.8,  272.0,  218.1, -138.6, -110.4,     14   12.8,  283.9,  181.7,
-101.3, -113.4,
   15   12.8,  287.3,  139.9,  -60.8, -112.9,     16   12.8,  281.9,   93.7,
-18.5, -109.0,
   17   12.8,  285.9,  103.9,   -1.6, -101.7,     18   12.8,  289.4,  148.8,
-7.1,  -92.0,
   19   12.8,  284.0,  189.2,  -12.5,  -79.6,     20   12.8,  270.0,  223.9,
-17.4,  -64.7,
   21   12.8,  247.8,  251.8,  -21.9,  -47.9,     22   12.8,  218.1,  272.0,
-25.6,  -29.6,
   23   12.8,  181.7,  283.9,  -28.6,  -10.4,     24   12.8,  139.9,  287.3,
```

```
-30.7,    9.1,
   25   12.8,   93.7,  281.9,  -31.9,   28.3,     26   12.8,  103.9,  285.9,
-41.3,   50.4,
   27   12.8,  148.8,  289.4,  -52.6,   67.3,     28   12.8,  189.2,  284.0,
-62.4,   82.2,
   29   12.8,  223.9,  270.0,  -70.3,   94.5,     30   12.8,  251.8,  247.8,
-76.0,  104.0,
   31   12.8,  272.0,  218.1,  -79.4,  110.4,     32   12.8,  283.9,  181.7,
-80.5,  113.4,
   33   12.8,  287.3,  139.9,  -79.0,  112.9,     34   12.8,  281.9,   93.7,
-75.2,  109.0,
   35   12.8,  285.9,  103.9, -102.3,  101.7,     36   12.8,  289.4,  148.8,
-141.7,   92.0,

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  18
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG01         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
```

22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = EG08   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = EG24   ; SOURCE TYPE = POINT   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:18:19

                                  PAGE  21
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     ( 396558.3, 3766771.1,      87.6,     105.5,       2.0);         ( 396598.3,
3766771.1,      91.2,     105.5,       2.0);
     ( 396638.3, 3766771.1,      99.2,     100.5,       2.0);         ( 396678.3,
3766771.1,     103.0,     103.0,       2.0);
     ( 396718.3, 3766771.1,     105.1,     105.1,       2.0);         ( 396758.3,
3766771.1,     104.2,     105.0,       2.0);
     ( 396798.3, 3766771.1,     100.8,     100.8,       2.0);         ( 396838.3,
3766771.1,     100.7,     100.7,       2.0);
     ( 396878.3, 3766771.1,     100.6,     100.6,       2.0);         ( 396918.3,
3766771.1,     101.1,     101.1,       2.0);
     ( 396958.3, 3766771.1,     101.5,     101.5,       2.0);         ( 396998.3,
3766771.1,     101.5,     101.5,       2.0);
     ( 397038.3, 3766771.1,     101.3,     101.3,       2.0);         ( 397078.3,
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3766771.1,     101.1,     185.1,       2.0);
     ( 397118.3, 3766771.1,     100.2,     185.1,       2.0);         ( 397158.3,
3766771.1,      98.7,     187.7,       2.0);
     ( 397198.3, 3766771.1,      98.3,     188.4,       2.0);         ( 397238.3,
3766771.1,      98.6,     188.6,       2.0);
     ( 397278.3, 3766771.1,      99.2,     188.6,       2.0);         ( 397318.3,
3766771.1,      99.9,     188.6,       2.0);
     ( 397358.3, 3766771.1,     100.6,     188.6,       2.0);         ( 397398.3,
3766771.1,     101.5,     189.8,       2.0);
     ( 397438.3, 3766771.1,     102.2,     191.1,       2.0);         ( 397478.3,
3766771.1,     103.1,     191.1,       2.0);
     ( 397518.3, 3766771.1,     103.9,     191.1,       2.0);         ( 397558.3,
3766771.1,     104.6,     191.1,       2.0);
     ( 397598.3, 3766771.1,     105.3,     191.1,       2.0);         ( 397638.3,
3766771.1,     106.0,     191.1,       2.0);
     ( 397678.3, 3766771.1,     106.6,     191.1,       2.0);         ( 397718.3,
3766771.1,     106.6,     191.1,       2.0);
     ( 396558.3, 3766811.1,      87.7,     105.5,       2.0);         ( 396598.3,
3766811.1,      89.4,     105.5,       2.0);
     ( 396638.3, 3766811.1,      97.3,     104.7,       2.0);         ( 396678.3,
3766811.1,     102.7,     104.1,       2.0);
     ( 396718.3, 3766811.1,     102.9,     102.9,       2.0);         ( 396758.3,
3766811.1,     100.1,     105.5,       2.0);
     ( 396798.3, 3766811.1,     100.2,     100.2,       2.0);         ( 396838.3,
3766811.1,     100.5,     100.5,       2.0);
     ( 396878.3, 3766811.1,     100.7,     100.7,       2.0);         ( 396918.3,
3766811.1,     101.4,     101.4,       2.0);
     ( 396958.3, 3766811.1,     102.1,     102.1,       2.0);         ( 396998.3,
3766811.1,     102.4,     102.4,       2.0);
     ( 397038.3, 3766811.1,     102.3,     102.3,       2.0);         ( 397078.3,
3766811.1,     102.1,     102.1,       2.0);
     ( 397118.3, 3766811.1,     102.6,     102.6,       2.0);         ( 397158.3,
3766811.1,     102.5,     185.1,       2.0);
     ( 397198.3, 3766811.1,     101.3,     185.2,       2.0);         ( 397238.3,
3766811.1,     100.1,     188.4,       2.0);
     ( 397278.3, 3766811.1,      99.7,     188.6,       2.0);         ( 397318.3,
3766811.1,     100.2,     188.6,       2.0);
     ( 397358.3, 3766811.1,     101.1,     188.6,       2.0);         ( 397398.3,
3766811.1,     101.9,     189.2,       2.0);
     ( 397438.3, 3766811.1,     102.7,     190.2,       2.0);         ( 397478.3,
3766811.1,     103.6,     191.1,       2.0);
     ( 397518.3, 3766811.1,     104.3,     191.1,       2.0);         ( 397558.3,
3766811.1,     105.0,     191.1,       2.0);
     ( 397598.3, 3766811.1,     105.7,     191.1,       2.0);         ( 397638.3,
3766811.1,     106.4,     191.1,       2.0);
     ( 397678.3, 3766811.1,     107.1,     191.1,       2.0);         ( 397718.3,
3766811.1,     107.6,     191.1,       2.0);
     ( 396558.3, 3766851.1,      89.1,     104.7,       2.0);         ( 396598.3,
3766851.1,      89.0,     105.5,       2.0);
     ( 396638.3, 3766851.1,      92.1,     105.5,       2.0);         ( 396678.3,
```

3766851.1,   96.9,   104.7,   2.0);
     (396718.3, 3766851.1,   98.6,   104.7,   2.0);   (396758.3,
3766851.1,   98.5,   98.5,   2.0);
     (396798.3, 3766851.1,   99.2,   99.2,   2.0);   (396838.3,
3766851.1,   100.0,   100.0,   2.0);
     (396878.3, 3766851.1,   101.2,   101.2,   2.0);   (396918.3,
3766851.1,   101.4,   101.4,   2.0);
     (396958.3, 3766851.1,   102.1,   102.1,   2.0);   (396998.3,
3766851.1,   102.7,   102.7,   2.0);
     (397038.3, 3766851.1,   102.8,   102.8,   2.0);   (397078.3,
3766851.1,   103.5,   103.5,   2.0);
     (397118.3, 3766851.1,   104.5,   104.5,   2.0);   (397158.3,
3766851.1,   104.8,   104.8,   2.0);
     (397198.3, 3766851.1,   104.2,   104.2,   2.0);   (397238.3,
3766851.1,   103.8,   184.7,   2.0);
     (397278.3, 3766851.1,   102.9,   187.0,   2.0);   (397318.3,
3766851.1,   101.3,   188.6,   2.0);
     (397358.3, 3766851.1,   101.6,   188.6,   2.0);   (397398.3,
3766851.1,   102.3,   188.6,   2.0);
     (397438.3, 3766851.1,   103.2,   189.8,   2.0);   (397478.3,
3766851.1,   104.0,   190.2,   2.0);
     (397518.3, 3766851.1,   104.7,   191.1,   2.0);   (397558.3,
3766851.1,   105.4,   191.1,   2.0);
     (397598.3, 3766851.1,   106.1,   191.1,   2.0);   (397638.3,
3766851.1,   106.8,   191.1,   2.0);
     (397678.3, 3766851.1,   107.5,   191.1,   2.0);   (397718.3,
3766851.1,   108.2,   191.1,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (396558.3, 3766891.1,   89.9,   133.9,   2.0);   (396598.3,
3766891.1,   89.3,   133.9,   2.0);
     (396638.3, 3766891.1,   91.7,   104.7,   2.0);   (396678.3,
3766891.1,   96.0,   96.0,   2.0);
     (396718.3, 3766891.1,   97.4,   97.4,   2.0);   (396758.3,
3766891.1,   98.2,   98.2,   2.0);
     (396798.3, 3766891.1,   98.9,   98.9,   2.0);   (396838.3,
3766891.1,   99.6,   99.6,   2.0);
     (396878.3, 3766891.1,   100.9,   100.9,   2.0);   (396918.3,
3766891.1,   100.8,   100.8,   2.0);
     (396958.3, 3766891.1,   101.7,   101.7,   2.0);   (396998.3,

```
3766891.1,     102.5,     102.5,       2.0);
     ( 397038.3, 3766891.1,     103.1,     103.1,       2.0);         ( 397078.3,
3766891.1,     105.4,     105.4,       2.0);
     ( 397118.3, 3766891.1,     106.4,     106.4,       2.0);         ( 397158.3,
3766891.1,     105.5,     105.5,       2.0);
     ( 397198.3, 3766891.1,     106.8,     106.8,       2.0);         ( 397238.3,
3766891.1,     106.2,     106.2,       2.0);
     ( 397278.3, 3766891.1,     106.0,     106.0,       2.0);         ( 397318.3,
3766891.1,     105.6,     184.0,       2.0);
     ( 397358.3, 3766891.1,     104.0,     188.3,       2.0);         ( 397398.3,
3766891.1,     102.9,     188.6,       2.0);
     ( 397438.3, 3766891.1,     103.4,     188.6,       2.0);         ( 397478.3,
3766891.1,     104.2,     189.8,       2.0);
     ( 397518.3, 3766891.1,     105.2,     190.2,       2.0);         ( 397558.3,
3766891.1,     105.8,     191.1,       2.0);
     ( 397598.3, 3766891.1,     106.5,     191.1,       2.0);         ( 397638.3,
3766891.1,     107.2,     191.1,       2.0);
     ( 397678.3, 3766891.1,     107.9,     191.1,       2.0);         ( 397718.3,
3766891.1,     108.8,     191.1,       2.0);
     ( 396558.3, 3766931.1,      91.6,     135.0,       2.0);         ( 396598.3,
3766931.1,      91.1,     135.0,       2.0);
     ( 396638.3, 3766931.1,      93.8,      93.8,       2.0);         ( 396678.3,
3766931.1,      94.9,      94.9,       2.0);
     ( 396718.3, 3766931.1,      97.3,      97.3,       2.0);         ( 396758.3,
3766931.1,      98.4,      98.4,       2.0);
     ( 396798.3, 3766931.1,      99.1,      99.1,       2.0);         ( 396838.3,
3766931.1,      99.5,      99.5,       2.0);
     ( 396878.3, 3766931.1,     100.0,     100.0,       2.0);         ( 396918.3,
3766931.1,     100.6,     100.6,       2.0);
     ( 396958.3, 3766931.1,     101.3,     101.3,       2.0);         ( 396998.3,
3766931.1,     102.5,     102.5,       2.0);
     ( 397038.3, 3766931.1,     104.5,     104.5,       2.0);         ( 397078.3,
3766931.1,     106.6,     106.6,       2.0);
     ( 397118.3, 3766931.1,     108.4,     108.4,       2.0);         ( 397158.3,
3766931.1,     108.6,     108.6,       2.0);
     ( 397198.3, 3766931.1,     109.1,     109.1,       2.0);         ( 397238.3,
3766931.1,     108.9,     108.9,       2.0);
     ( 397278.3, 3766931.1,     107.8,     107.8,       2.0);         ( 397318.3,
3766931.1,     107.8,     147.6,       2.0);
     ( 397358.3, 3766931.1,     109.6,     118.5,       2.0);         ( 397398.3,
3766931.1,     107.2,     184.7,       2.0);
     ( 397438.3, 3766931.1,     105.1,     188.4,       2.0);         ( 397478.3,
3766931.1,     105.0,     188.6,       2.0);
     ( 397518.3, 3766931.1,     106.2,     188.6,       2.0);         ( 397558.3,
3766931.1,     106.4,     190.2,       2.0);
     ( 397598.3, 3766931.1,     106.9,     191.1,       2.0);         ( 397638.3,
3766931.1,     107.5,     191.1,       2.0);
     ( 397678.3, 3766931.1,     108.1,     191.1,       2.0);         ( 397718.3,
3766931.1,     110.0,     191.1,       2.0);
     ( 396558.3, 3766971.1,      93.1,     135.5,       2.0);         ( 396598.3,
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3766971.1,   92.7,   135.5,   2.0);
     (396638.3, 3766971.1,   94.0,   135.0,   2.0);   (396678.3,
3766971.1,   95.0,   133.9,   2.0);
     (396718.3, 3766971.1,   96.8,   96.8,   2.0);   (396758.3,
3766971.1,   98.2,   98.2,   2.0);
     (396798.3, 3766971.1,   99.2,   99.2,   2.0);   (396838.3,
3766971.1,   100.1,   100.1,   2.0);
     (396878.3, 3766971.1,   100.1,   100.1,   2.0);   (396918.3,
3766971.1,   100.5,   100.5,   2.0);
     (396958.3, 3766971.1,   101.3,   134.6,   2.0);   (396998.3,
3766971.1,   103.3,   103.3,   2.0);
     (397038.3, 3766971.1,   105.5,   105.5,   2.0);   (397078.3,
3766971.1,   107.4,   107.4,   2.0);
     (397118.3, 3766971.1,   109.2,   109.2,   2.0);   (397158.3,
3766971.1,   109.7,   109.7,   2.0);
     (397198.3, 3766971.1,   109.7,   109.7,   2.0);   (397238.3,
3766971.1,   109.6,   109.6,   2.0);
     (397278.3, 3766971.1,   109.3,   149.0,   2.0);   (397318.3,
3766971.1,   110.3,   149.0,   2.0);
     (397358.3, 3766971.1,   115.5,   117.7,   2.0);   (397398.3,
3766971.1,   114.0,   118.2,   2.0);
     (397438.3, 3766971.1,   109.0,   149.0,   2.0);   (397478.3,
3766971.1,   107.3,   186.4,   2.0);
     (397518.3, 3766971.1,   107.2,   188.3,   2.0);   (397558.3,
3766971.1,   107.1,   188.6,   2.0);
     (397598.3, 3766971.1,   107.4,   190.2,   2.0);   (397638.3,
3766971.1,   107.7,   190.6,   2.0);
     (397678.3, 3766971.1,   107.8,   191.1,   2.0);   (397718.3,
3766971.1,   110.6,   191.1,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (396558.3, 3767011.1,   94.7,   135.7,   2.0);   (396598.3,
3767011.1,   93.5,   135.7,   2.0);
     (396638.3, 3767011.1,   94.6,   135.5,   2.0);   (396678.3,
3767011.1,   96.0,   135.0,   2.0);
     (396718.3, 3767011.1,   97.0,   133.9,   2.0);   (396758.3,
3767011.1,   98.4,   98.4,   2.0);
     (396798.3, 3767011.1,   99.5,   99.5,   2.0);   (396838.3,
3767011.1,   100.6,   100.6,   2.0);
     (396878.3, 3767011.1,   100.9,   134.6,   2.0);   (396918.3,

```
3767011.1,     101.3,     134.6,       2.0);
     ( 396958.3, 3767011.1,     101.5,     134.7,       2.0);         ( 396998.3,
3767011.1,     103.7,     134.6,       2.0);
     ( 397038.3, 3767011.1,     105.8,     134.6,       2.0);         ( 397078.3,
3767011.1,     107.7,     107.7,       2.0);
     ( 397118.3, 3767011.1,     109.4,     109.4,       2.0);         ( 397158.3,
3767011.1,     109.6,     109.6,       2.0);
     ( 397198.3, 3767011.1,     109.7,     147.6,       2.0);         ( 397238.3,
3767011.1,     109.5,     149.0,       2.0);
     ( 397278.3, 3767011.1,     110.1,     149.0,       2.0);         ( 397318.3,
3767011.1,     111.3,     149.0,       2.0);
     ( 397358.3, 3767011.1,     116.5,     147.6,       2.0);         ( 397398.3,
3767011.1,     118.0,     118.0,       2.0);
     ( 397438.3, 3767011.1,     113.2,     149.0,       2.0);         ( 397478.3,
3767011.1,     109.0,     149.0,       2.0);
     ( 397518.3, 3767011.1,     108.0,     149.0,       2.0);         ( 397558.3,
3767011.1,     107.9,     187.3,       2.0);
     ( 397598.3, 3767011.1,     107.9,     188.3,       2.0);         ( 397638.3,
3767011.1,     108.1,     189.8,       2.0);
     ( 397678.3, 3767011.1,     108.0,     190.6,       2.0);         ( 397718.3,
3767011.1,     111.5,     190.2,       2.0);
     ( 396558.3, 3767051.1,      96.1,     135.7,       2.0);         ( 396598.3,
3767051.1,      95.6,     135.7,       2.0);
     ( 396638.3, 3767051.1,      95.1,     135.7,       2.0);         ( 396678.3,
3767051.1,      96.7,     135.7,       2.0);
     ( 396718.3, 3767051.1,      97.9,     135.5,       2.0);         ( 396758.3,
3767051.1,      99.0,     133.9,       2.0);
     ( 396798.3, 3767051.1,     100.2,     134.6,       2.0);         ( 396838.3,
3767051.1,     101.2,     134.6,       2.0);
     ( 396878.3, 3767051.1,     102.1,     134.6,       2.0);         ( 396918.3,
3767051.1,     102.9,     142.2,       2.0);
     ( 396958.3, 3767051.1,     103.1,     142.2,       2.0);         ( 396998.3,
3767051.1,     104.0,     142.2,       2.0);
     ( 397038.3, 3767051.1,     105.9,     140.2,       2.0);         ( 397078.3,
3767051.1,     107.8,     134.6,       2.0);
     ( 397118.3, 3767051.1,     109.1,     134.6,       2.0);         ( 397158.3,
3767051.1,     109.4,     149.0,       2.0);
     ( 397198.3, 3767051.1,     109.5,     149.0,       2.0);         ( 397238.3,
3767051.1,     109.4,     149.0,       2.0);
     ( 397278.3, 3767051.1,     110.4,     149.0,       2.0);         ( 397318.3,
3767051.1,     111.8,     149.0,       2.0);
     ( 397358.3, 3767051.1,     114.0,     149.0,       2.0);         ( 397398.3,
3767051.1,     117.9,     149.0,       2.0);
     ( 397438.3, 3767051.1,     115.9,     149.0,       2.0);         ( 397478.3,
3767051.1,     112.9,     149.0,       2.0);
     ( 397518.3, 3767051.1,     111.4,     149.0,       2.0);         ( 397558.3,
3767051.1,     111.1,     149.0,       2.0);
     ( 397598.3, 3767051.1,     109.6,     149.0,       2.0);         ( 397638.3,
3767051.1,     108.8,     186.4,       2.0);
     ( 397678.3, 3767051.1,     108.9,     187.8,       2.0);         ( 397718.3,
```

3767051.1,   112.3,   184.8,   2.0);
     (396558.3, 3767091.1,   98.4,   135.7,   2.0);   (396598.3,
3767091.1,   98.8,   135.7,   2.0);
     (396638.3, 3767091.1,   96.8,   135.7,   2.0);   (396678.3,
3767091.1,   96.6,   135.7,   2.0);
     (396718.3, 3767091.1,   98.4,   135.7,   2.0);   (396758.3,
3767091.1,   99.8,   135.0,   2.0);
     (396798.3, 3767091.1,   100.9,   134.6,   2.0);   (396838.3,
3767091.1,   102.1,   142.2,   2.0);
     (396878.3, 3767091.1,   102.9,   142.2,   2.0);   (396918.3,
3767091.1,   103.6,   142.2,   2.0);
     (396958.3, 3767091.1,   104.0,   142.2,   2.0);   (396998.3,
3767091.1,   105.4,   142.2,   2.0);
     (397078.3, 3767091.1,   107.8,   147.6,   2.0);   (397118.3,
3767091.1,   108.7,   149.0,   2.0);
     (397158.3, 3767091.1,   109.1,   149.0,   2.0);   (397198.3,
3767091.1,   109.5,   149.0,   2.0);
     (397238.3, 3767091.1,   109.5,   149.0,   2.0);   (397278.3,
3767091.1,   110.5,   149.0,   2.0);
     (397318.3, 3767091.1,   111.9,   149.0,   2.0);   (397358.3,
3767091.1,   113.8,   149.0,   2.0);
     (397398.3, 3767091.1,   116.6,   149.0,   2.0);   (397438.3,
3767091.1,   117.2,   149.0,   2.0);
     (397478.3, 3767091.1,   118.2,   149.0,   2.0);   (397518.3,
3767091.1,   117.6,   149.0,   2.0);
     (397558.3, 3767091.1,   117.9,   149.0,   2.0);   (397598.3,
3767091.1,   114.8,   149.0,   2.0);
     (397638.3, 3767091.1,   110.9,   149.0,   2.0);   (397678.3,
3767091.1,   110.4,   149.0,   2.0);
     (397718.3, 3767091.1,   112.0,   147.2,   2.0);   (396558.3,
3767131.1,   101.2,   135.7,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                   (METERS)

     (396598.3, 3767131.1,   101.2,   135.7,   2.0);   (396638.3,
3767131.1,   100.3,   135.7,   2.0);
     (396678.3, 3767131.1,   97.7,   135.7,   2.0);   (396718.3,
3767131.1,   98.2,   135.7,   2.0);
     (396758.3, 3767131.1,   100.1,   142.2,   2.0);   (396798.3,
3767131.1,   101.8,   142.2,   2.0);
     (396838.3, 3767131.1,   103.2,   142.2,   2.0);   (396878.3,

```
3767131.1,     104.6,     142.2,       2.0);
     ( 396918.3, 3767131.1,     104.8,     142.2,       2.0);         ( 396958.3,
3767131.1,     106.1,     142.2,       2.0);
     ( 397238.3, 3767131.1,     111.0,     149.0,       2.0);         ( 397278.3,
3767131.1,     111.3,     149.0,       2.0);
     ( 397318.3, 3767131.1,     112.3,     149.0,       2.0);         ( 397358.3,
3767131.1,     114.1,     149.0,       2.0);
     ( 397398.3, 3767131.1,     116.4,     149.0,       2.0);         ( 397438.3,
3767131.1,     117.3,     149.0,       2.0);
     ( 397478.3, 3767131.1,     119.7,     149.0,       2.0);         ( 397518.3,
3767131.1,     119.3,     149.0,       2.0);
     ( 397558.3, 3767131.1,     119.0,     149.0,       2.0);         ( 397598.3,
3767131.1,     117.4,     149.0,       2.0);
     ( 397638.3, 3767131.1,     112.6,     149.0,       2.0);         ( 397678.3,
3767131.1,     111.8,     149.0,       2.0);
     ( 397718.3, 3767131.1,     112.0,     148.5,       2.0);         ( 396558.3,
3767171.1,     104.7,     135.7,       2.0);
     ( 396598.3, 3767171.1,     103.9,     135.7,       2.0);         ( 396638.3,
3767171.1,     103.5,     135.7,       2.0);
     ( 396678.3, 3767171.1,     100.8,     135.7,       2.0);         ( 396718.3,
3767171.1,      98.7,     142.2,       2.0);
     ( 396758.3, 3767171.1,      99.9,     142.2,       2.0);         ( 396798.3,
3767171.1,     102.6,     142.2,       2.0);
     ( 396838.3, 3767171.1,     104.8,     142.2,       2.0);         ( 396878.3,
3767171.1,     107.3,     142.2,       2.0);
     ( 396918.3, 3767171.1,     109.2,     142.2,       2.0);         ( 397438.3,
3767171.1,     117.8,     149.0,       2.0);
     ( 397478.3, 3767171.1,     118.3,     149.0,       2.0);         ( 397518.3,
3767171.1,     117.1,     149.0,       2.0);
     ( 397558.3, 3767171.1,     116.0,     149.0,       2.0);         ( 397598.3,
3767171.1,     114.8,     149.3,       2.0);
     ( 397638.3, 3767171.1,     113.6,     149.3,       2.0);         ( 397678.3,
3767171.1,     113.6,     149.0,       2.0);
     ( 397718.3, 3767171.1,     113.3,     148.8,       2.0);         ( 396558.3,
3767211.1,     106.5,     135.7,       2.0);
     ( 396598.3, 3767211.1,     106.3,     135.7,       2.0);         ( 396638.3,
3767211.1,     105.5,     135.7,       2.0);
     ( 396678.3, 3767211.1,     105.1,     135.7,       2.0);         ( 396718.3,
3767211.1,     100.8,     178.2,       2.0);
     ( 396758.3, 3767211.1,     100.1,     179.2,       2.0);         ( 396798.3,
3767211.1,     102.1,     178.2,       2.0);
     ( 396838.3, 3767211.1,     105.7,     142.2,       2.0);         ( 396878.3,
3767211.1,     108.1,     142.2,       2.0);
     ( 396918.3, 3767211.1,     111.7,     142.2,       2.0);         ( 396958.3,
3767211.1,     113.3,     142.2,       2.0);
     ( 397438.3, 3767211.1,     124.2,     149.0,       2.0);         ( 397478.3,
3767211.1,     123.3,     149.0,       2.0);
     ( 397518.3, 3767211.1,     119.6,     149.3,       2.0);         ( 397558.3,
3767211.1,     117.5,     149.3,       2.0);
     ( 397598.3, 3767211.1,     115.6,     149.6,       2.0);         ( 397638.3,
```

3767211.1,   115.3,   149.3,   2.0);
     (397678.3, 3767211.1,   115.4,   149.3,   2.0);   (397718.3,
3767211.1,   114.8,   148.9,   2.0);
     (396558.3, 3767251.1,   111.2,   135.7,   2.0);   (396598.3,
3767251.1,   110.0,   135.7,   2.0);
     (396638.3, 3767251.1,   109.5,   135.7,   2.0);   (396678.3,
3767251.1,   109.1,   135.7,   2.0);
     (396718.3, 3767251.1,   105.3,   136.3,   2.0);   (396758.3,
3767251.1,   101.1,   187.0,   2.0);
     (396798.3, 3767251.1,   102.0,   187.3,   2.0);   (396838.3,
3767251.1,   104.5,   187.3,   2.0);
     (396878.3, 3767251.1,   109.0,   142.2,   2.0);   (396918.3,
3767251.1,   117.0,   142.2,   2.0);
     (396958.3, 3767251.1,   119.7,   142.2,   2.0);   (396998.3,
3767251.1,   121.8,   142.2,   2.0);
     (397038.3, 3767251.1,   123.3,   142.2,   2.0);   (397078.3,
3767251.1,   120.5,   142.2,   2.0);
     (397118.3, 3767251.1,   113.7,   187.6,   2.0);   (397318.3,
3767251.1,   118.7,   149.0,   2.0);
     (397358.3, 3767251.1,   124.9,   149.0,   2.0);   (397398.3,
3767251.1,   133.5,   149.0,   2.0);
     (397438.3, 3767251.1,   134.6,   149.0,   2.0);   (397478.3,
3767251.1,   130.7,   149.0,   2.0);
     (397518.3, 3767251.1,   125.3,   149.0,   2.0);   (397558.3,
3767251.1,   123.5,   149.3,   2.0);
     (397598.3, 3767251.1,   121.4,   149.3,   2.0);   (397638.3,
3767251.1,   118.3,   149.6,   2.0);
     (397678.3, 3767251.1,   117.5,   149.3,   2.0);   (397718.3,
3767251.1,   116.6,   149.2,   2.0);
     (396558.3, 3767291.1,   125.5,   135.5,   2.0);   (396598.3,
3767291.1,   120.7,   135.7,   2.0);
     (396638.3, 3767291.1,   119.2,   135.7,   2.0);   (396678.3,
3767291.1,   115.6,   135.7,   2.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (396718.3, 3767291.1,   111.7,   135.7,   2.0);   (396758.3,
3767291.1,   102.9,   187.3,   2.0);
     (396798.3, 3767291.1,   102.6,   188.3,   2.0);   (396838.3,
3767291.1,   104.8,   188.3,   2.0);
     (396878.3, 3767291.1,   115.3,   142.2,   2.0);   (396918.3,

3767291.1,   120.6,   142.2,   2.0);
     (396958.3, 3767291.1,   122.8,   142.2,   2.0);   (396998.3,
3767291.1,   128.6,   140.2,   2.0);
     (397038.3, 3767291.1,   134.4,   134.4,   2.0);   (397078.3,
3767291.1,   132.8,   134.1,   2.0);
     (397118.3, 3767291.1,   125.5,   142.2,   2.0);   (397158.3,
3767291.1,   115.4,   188.9,   2.0);
     (397278.3, 3767291.1,   120.7,   149.0,   2.0);   (397318.3,
3767291.1,   124.3,   149.0,   2.0);
     (397358.3, 3767291.1,   133.3,   149.0,   2.0);   (397398.3,
3767291.1,   143.5,   147.8,   2.0);
     (397438.3, 3767291.1,   143.7,   147.8,   2.0);   (397478.3,
3767291.1,   139.6,   148.3,   2.0);
     (397518.3, 3767291.1,   137.4,   148.5,   2.0);   (397558.3,
3767291.1,   138.5,   145.4,   2.0);
     (397598.3, 3767291.1,   136.8,   144.6,   2.0);   (397638.3,
3767291.1,   127.3,   148.8,   2.0);
     (397678.3, 3767291.1,   120.5,   149.3,   2.0);   (397718.3,
3767291.1,   118.7,   150.4,   2.0);
     (396558.3, 3767331.1,   134.0,   134.0,   2.0);   (396598.3,
3767331.1,   131.8,   131.8,   2.0);
     (396638.3, 3767331.1,   128.4,   129.7,   2.0);   (396678.3,
3767331.1,   120.2,   135.7,   2.0);
     (396718.3, 3767331.1,   114.9,   135.7,   2.0);   (396758.3,
3767331.1,   105.4,   187.6,   2.0);
     (396798.3, 3767331.1,   103.5,   188.9,   2.0);   (396838.3,
3767331.1,   105.5,   188.9,   2.0);
     (396878.3, 3767331.1,   116.4,   178.2,   2.0);   (396918.3,
3767331.1,   122.3,   142.2,   2.0);
     (396958.3, 3767331.1,   125.5,   142.2,   2.0);   (396998.3,
3767331.1,   127.4,   142.2,   2.0);
     (397038.3, 3767331.1,   133.7,   140.2,   2.0);   (397078.3,
3767331.1,   135.0,   135.0,   2.0);
     (397118.3, 3767331.1,   132.2,   142.2,   2.0);   (397158.3,
3767331.1,   126.8,   142.2,   2.0);
     (397198.3, 3767331.1,   125.9,   149.0,   2.0);   (397238.3,
3767331.1,   124.0,   149.0,   2.0);
     (397278.3, 3767331.1,   125.5,   149.0,   2.0);   (397318.3,
3767331.1,   131.3,   149.0,   2.0);
     (397358.3, 3767331.1,   138.4,   149.0,   2.0);   (397398.3,
3767331.1,   147.7,   147.7,   2.0);
     (397438.3, 3767331.1,   147.6,   147.6,   2.0);   (397478.3,
3767331.1,   145.7,   145.7,   2.0);
     (397518.3, 3767331.1,   145.0,   145.0,   2.0);   (397558.3,
3767331.1,   144.4,   144.4,   2.0);
     (397598.3, 3767331.1,   143.6,   143.6,   2.0);   (397638.3,
3767331.1,   138.8,   144.5,   2.0);
     (397678.3, 3767331.1,   127.8,   148.8,   2.0);   (397718.3,
3767331.1,   121.9,   150.4,   2.0);
     (396558.3, 3767371.1,   134.8,   134.8,   2.0);   (396598.3,

3767371.1,   129.8,   135.5,   2.0);
     (396638.3, 3767371.1,   125.8,   135.7,   2.0);   (396678.3,
3767371.1,   118.3,   136.3,   2.0);
     (396718.3, 3767371.1,   112.6,   179.2,   2.0);   (396758.3,
3767371.1,   107.4,   187.6,   2.0);
     (396798.3, 3767371.1,   104.9,   188.9,   2.0);   (396838.3,
3767371.1,   105.7,   188.9,   2.0);
     (396878.3, 3767371.1,   114.0,   187.6,   2.0);   (396918.3,
3767371.1,   120.9,   178.2,   2.0);
     (396958.3, 3767371.1,   125.6,   142.2,   2.0);   (396998.3,
3767371.1,   127.5,   142.2,   2.0);
     (397038.3, 3767371.1,   134.4,   142.2,   2.0);   (397078.3,
3767371.1,   138.0,   140.2,   2.0);
     (397118.3, 3767371.1,   135.8,   141.9,   2.0);   (397158.3,
3767371.1,   135.4,   137.8,   2.0);
     (397198.3, 3767371.1,   132.5,   139.4,   2.0);   (397238.3,
3767371.1,   129.2,   149.0,   2.0);
     (397278.3, 3767371.1,   129.5,   149.0,   2.0);   (397318.3,
3767371.1,   134.3,   149.0,   2.0);
     (397358.3, 3767371.1,   138.9,   149.0,   2.0);   (397398.3,
3767371.1,   148.1,   148.1,   2.0);
     (397438.3, 3767371.1,   148.3,   148.3,   2.0);   (397478.3,
3767371.1,   147.7,   147.7,   2.0);
     (397518.3, 3767371.1,   146.8,   146.8,   2.0);   (397558.3,
3767371.1,   145.8,   145.8,   2.0);
     (397598.3, 3767371.1,   144.6,   144.6,   2.0);   (397638.3,
3767371.1,   144.0,   144.0,   2.0);
     (397678.3, 3767371.1,   139.7,   144.9,   2.0);   (397718.3,
3767371.1,   129.0,   149.1,   2.0);
     (396558.3, 3767411.1,   135.2,   135.2,   2.0);   (396598.3,
3767411.1,   128.0,   135.7,   2.0);
     (396638.3, 3767411.1,   121.1,   136.3,   2.0);   (396678.3,
3767411.1,   115.7,   179.2,   2.0);
     (396718.3, 3767411.1,   112.4,   186.6,   2.0);   (396758.3,
3767411.1,   108.8,   188.3,   2.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     (396798.3, 3767411.1,   106.0,   188.9,   2.0);   (396838.3,
3767411.1,   106.9,   188.9,   2.0);
     (396878.3, 3767411.1,   113.9,   188.9,   2.0);   (396918.3,

```
3767411.1,     119.2,     188.3,       2.0);
     ( 396958.3, 3767411.1,     125.5,     186.6,       2.0);         ( 396998.3,
3767411.1,     131.9,     142.2,       2.0);
     ( 397038.3, 3767411.1,     138.6,     142.2,       2.0);         ( 397078.3,
3767411.1,     141.9,     141.9,       2.0);
     ( 397118.3, 3767411.1,     140.9,     141.2,       2.0);         ( 397158.3,
3767411.1,     137.9,     139.4,       2.0);
     ( 397198.3, 3767411.1,     134.3,     134.3,       2.0);         ( 397238.3,
3767411.1,     131.6,     187.6,       2.0);
     ( 397278.3, 3767411.1,     130.9,     187.6,       2.0);         ( 397318.3,
3767411.1,     134.1,     149.0,       2.0);
     ( 397358.3, 3767411.1,     137.6,     149.0,       2.0);         ( 397398.3,
3767411.1,     146.7,     147.7,       2.0);
     ( 397438.3, 3767411.1,     148.4,     148.4,       2.0);         ( 397478.3,
3767411.1,     148.7,     148.7,       2.0);
     ( 397518.3, 3767411.1,     148.2,     148.2,       2.0);         ( 397558.3,
3767411.1,     147.1,     147.1,       2.0);
     ( 397598.3, 3767411.1,     145.6,     145.6,       2.0);         ( 397638.3,
3767411.1,     144.9,     144.9,       2.0);
     ( 397678.3, 3767411.1,     144.9,     144.9,       2.0);         ( 397718.3,
3767411.1,     139.1,     145.3,       2.0);
     ( 396558.3, 3767451.1,     133.6,     133.6,       2.0);         ( 396598.3,
3767451.1,     127.7,     135.7,       2.0);
     ( 396638.3, 3767451.1,     120.9,     136.8,       2.0);         ( 396678.3,
3767451.1,     117.4,     179.2,       2.0);
     ( 396718.3, 3767451.1,     115.4,     186.6,       2.0);         ( 396758.3,
3767451.1,     110.2,     188.9,       2.0);
     ( 396798.3, 3767451.1,     106.8,     188.9,       2.0);         ( 396838.3,
3767451.1,     108.8,     188.9,       2.0);
     ( 396878.3, 3767451.1,     113.5,     188.9,       2.0);         ( 396918.3,
3767451.1,     118.9,     188.9,       2.0);
     ( 396958.3, 3767451.1,     125.3,     187.6,       2.0);         ( 396998.3,
3767451.1,     131.1,     186.6,       2.0);
     ( 397038.3, 3767451.1,     136.7,     142.2,       2.0);         ( 397078.3,
3767451.1,     140.6,     140.6,       2.0);
     ( 397118.3, 3767451.1,     141.6,     141.6,       2.0);         ( 397158.3,
3767451.1,     139.4,     139.4,       2.0);
     ( 397198.3, 3767451.1,     136.1,     136.1,       2.0);         ( 397238.3,
3767451.1,     133.5,     188.9,       2.0);
     ( 397278.3, 3767451.1,     131.8,     188.9,       2.0);         ( 397318.3,
3767451.1,     133.4,     188.9,       2.0);
     ( 397358.3, 3767451.1,     136.6,     149.0,       2.0);         ( 397398.3,
3767451.1,     145.4,     147.2,       2.0);
     ( 397438.3, 3767451.1,     147.7,     147.7,       2.0);         ( 397478.3,
3767451.1,     148.5,     148.5,       2.0);
     ( 397518.3, 3767451.1,     148.6,     148.6,       2.0);         ( 397558.3,
3767451.1,     147.8,     147.8,       2.0);
     ( 397598.3, 3767451.1,     146.3,     146.3,       2.0);         ( 397638.3,
3767451.1,     145.6,     145.6,       2.0);
     ( 397678.3, 3767451.1,     145.4,     145.4,       2.0);         ( 397718.3,
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3767451.1,   143.1,   143.1,   2.0);
     (396558.3, 3767491.1,   132.0,   132.0,   2.0);   (396598.3,
3767491.1,   127.6,   136.8,   2.0);
     (396638.3, 3767491.1,   126.6,   136.8,   2.0);   (396678.3,
3767491.1,   125.9,   136.8,   2.0);
     (396718.3, 3767491.1,   122.0,   179.2,   2.0);   (396758.3,
3767491.1,   112.0,   188.9,   2.0);
     (396798.3, 3767491.1,   107.5,   188.9,   2.0);   (396838.3,
3767491.1,   109.0,   188.9,   2.0);
     (396878.3, 3767491.1,   112.7,   188.9,   2.0);   (396918.3,
3767491.1,   118.4,   188.9,   2.0);
     (396958.3, 3767491.1,   123.7,   188.9,   2.0);   (396998.3,
3767491.1,   128.9,   188.9,   2.0);
     (397038.3, 3767491.1,   135.5,   187.0,   2.0);   (397078.3,
3767491.1,   139.6,   139.6,   2.0);
     (397118.3, 3767491.1,   141.3,   141.3,   2.0);   (397158.3,
3767491.1,   140.1,   140.1,   2.0);
     (397198.3, 3767491.1,   137.2,   187.6,   2.0);   (397238.3,
3767491.1,   134.8,   188.9,   2.0);
     (397278.3, 3767491.1,   133.2,   188.9,   2.0);   (397318.3,
3767491.1,   133.0,   188.9,   2.0);
     (397358.3, 3767491.1,   135.1,   188.9,   2.0);   (397398.3,
3767491.1,   141.3,   148.1,   2.0);
     (397438.3, 3767491.1,   145.7,   145.7,   2.0);   (397478.3,
3767491.1,   148.2,   148.2,   2.0);
     (397518.3, 3767491.1,   149.0,   149.0,   2.0);   (397558.3,
3767491.1,   148.5,   148.5,   2.0);
     (397598.3, 3767491.1,   146.5,   146.5,   2.0);   (397638.3,
3767491.1,   146.2,   146.2,   2.0);
     (397678.3, 3767491.1,   145.9,   145.9,   2.0);   (397718.3,
3767491.1,   144.1,   145.4,   2.0);
     (396558.3, 3767531.1,   133.5,   133.5,   2.0);   (396598.3,
3767531.1,   132.4,   136.8,   2.0);
     (396638.3, 3767531.1,   134.6,   136.3,   2.0);   (396678.3,
3767531.1,   133.6,   136.3,   2.0);
     (396718.3, 3767531.1,   125.4,   179.2,   2.0);   (396758.3,
3767531.1,   111.2,   188.9,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                            *** DISCRETE CARTESIAN RECEPTORS ***
                                          (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                       (METERS)

     (396798.3, 3767531.1,   108.6,   188.9,   2.0);   (396838.3,

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3767531.1,     112.0,     188.9,       2.0);
     ( 396878.3, 3767531.1,     113.6,     188.9,       2.0);         ( 396918.3,
3767531.1,     116.8,     188.9,       2.0);
     ( 396958.3, 3767531.1,     121.4,     188.9,       2.0);         ( 396998.3,
3767531.1,     126.2,     188.9,       2.0);
     ( 397038.3, 3767531.1,     133.5,     188.9,       2.0);         ( 397078.3,
3767531.1,     136.9,     188.9,       2.0);
     ( 397118.3, 3767531.1,     140.5,     187.6,       2.0);         ( 397158.3,
3767531.1,     140.7,     187.6,       2.0);
     ( 397198.3, 3767531.1,     138.5,     188.9,       2.0);         ( 397238.3,
3767531.1,     136.3,     188.9,       2.0);
     ( 397278.3, 3767531.1,     134.5,     188.9,       2.0);         ( 397318.3,
3767531.1,     133.7,     188.9,       2.0);
     ( 397358.3, 3767531.1,     134.0,     188.9,       2.0);         ( 397398.3,
3767531.1,     139.0,     188.9,       2.0);
     ( 397438.3, 3767531.1,     146.3,     146.3,       2.0);         ( 397478.3,
3767531.1,     148.9,     148.9,       2.0);
     ( 397518.3, 3767531.1,     149.4,     149.4,       2.0);         ( 397558.3,
3767531.1,     149.1,     149.1,       2.0);
     ( 397598.3, 3767531.1,     147.0,     147.0,       2.0);         ( 397638.3,
3767531.1,     147.3,     147.3,       2.0);
     ( 397678.3, 3767531.1,     147.5,     147.5,       2.0);         ( 397718.3,
3767531.1,     146.1,     147.0,       2.0);
     ( 397320.8, 3767219.1,     114.7,     149.3,       0.0);         ( 397330.8,
3767209.1,     114.5,     149.3,       0.0);
     ( 397340.8, 3767189.1,     113.5,     149.3,       0.0);         ( 397340.8,
3767199.1,     114.0,     149.3,       0.0);
     ( 397340.8, 3767209.1,     115.0,     149.3,       0.0);         ( 397350.8,
3767189.1,     113.7,     149.3,       0.0);
     ( 397350.8, 3767199.1,     114.3,     149.3,       0.0);         ( 397360.8,
3767189.1,     114.1,     149.3,       0.0);
     ( 397360.8, 3767199.1,     114.7,     149.3,       0.0);         ( 397370.8,
3767189.1,     114.4,     149.3,       0.0);
     ( 397380.8, 3767189.1,     114.9,     149.3,       0.0);         ( 396920.4,
3767167.3,     108.8,     142.2,       2.0);
     ( 396990.0, 3767243.5,     119.6,     142.2,       2.0);         ( 397044.1,
3767224.0,     112.6,     142.2,       2.0);
     ( 397113.6, 3767239.9,     112.1,     187.6,       2.0);         ( 397158.6,
3767280.3,     113.8,     188.9,       2.0);
     ( 397169.0, 3767307.0,     119.0,     187.6,       2.0);         ( 397244.0,
3767296.7,     118.1,     188.9,       2.0);
     ( 397261.0, 3767278.9,     117.5,     187.6,       2.0);         ( 397409.7,
3767205.7,     119.8,     149.0,       2.0);
     ( 397422.9, 3767189.2,     118.1,     149.0,       2.0);         ( 397426.6,
3767180.8,     117.9,     149.0,       2.0);
     ( 397420.5, 3767170.5,     116.8,     149.0,       2.0);         ( 397318.7,
3767160.1,     112.9,     149.0,       2.0);
     ( 397023.0, 3767083.6,     105.7,     142.2,       2.0);         ( 396943.6,
3767192.7,     110.6,     142.2,       2.0);
     ( 396966.8, 3767218.1,     114.7,     142.2,       2.0);         ( 397017.0,
```

3767233.8,   114.5,   142.2,   2.0);
     (397078.8, 3767231.9,   113.1,   149.0,   2.0);   (397136.1,
3767260.1,   112.9,   188.9,   2.0);
     (397206.5, 3767301.9,   117.8,   188.9,   2.0);   (397298.1,
3767260.6,   118.6,   149.0,   2.0);
     (397335.3, 3767242.3,   119.2,   149.0,   2.0);   (397372.5,
3767224.0,   119.2,   149.0,   2.0);
     (397386.6, 3767167.0,   114.8,   149.0,   2.0);   (397352.6,
3767163.6,   113.6,   149.0,   2.0);
     (397276.4, 3767149.2,   111.9,   149.0,   2.0);   (397234.2,
3767138.3,   111.3,   149.0,   2.0);
     (397192.0, 3767127.3,   110.4,   149.0,   2.0);   (397149.7,
3767116.4,   109.7,   149.0,   2.0);
     (397107.5, 3767105.5,   108.7,   149.0,   2.0);   (397065.2,
3767094.5,   107.4,   142.2,   2.0);
     (396988.8, 3767111.5,   106.3,   142.2,   2.0);   (396954.6,
3767139.4,   106.4,   142.2,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                    * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
BE PERFORMED *
                      LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
FASTAREA/FASTALL

                           SOURCE   - - RECEPTOR LOCATION - -
DISTANCE
                             ID   XR (METERS)   YR (METERS)
(METERS)
                          -
- - -

                           L0000004   396988.8   3767111.5
0.97
                           L0000005   396988.8   3767111.5
-0.64
                           L0000109   397044.1   3767224.0
-3.28
                           L0000112   397078.8   3767231.9
0.05
                           L0000143   397113.6   3767239.9
-1.57
                           L0000144   397113.6   3767239.9
-2.05

```
                              L0000174            397136.1     3767260.1
-3.36
                              L0000175            397136.1     3767260.1
-0.47
                              L0000208            397158.6     3767280.3
0.54
                              L0000209            397158.6     3767280.3
-3.37
                              L0000250            397206.5     3767301.9
-0.42
                              L0000251            397206.5     3767301.9
-1.30
                              L0000271            397318.7     3767160.1
-0.54
```

```
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

               NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON
WHAT IS INCLUDED IN THE DATA FILE.



                                       *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
CATEGORIES ***
                                                              (METERS/SEC)
```

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                     *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL
DATA ***

   Surface file: PICO_V9_ADJU\PICO_V9.SFC
                 Met Version: 16216
   Profile file: PICO_V9_ADJU\PICO_V9.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.:   3166   Upper air station no.:   3190
                 Name: PICO   Name: UNKNOWN

                 Year: 2010   Year: 2010

 First 24 hours of scalar data
 YR MO DY JDY HR   H0   U*   W* DT/DZ ZICNV ZIMCH M-O LEN   Z0 BOWEN
ALBEDO REF WS   WD   HT REF TA   HT
- -
- - - - - - - - - - - - - - - - - - - -
 10 01 01   1 01 -38.6 0.384 -9.000 -9.000 -999. 572.   162.4 0.34   0.73
1.00   3.10 321.   9.1 283.8   5.5
 10 01 01   1 02 -33.5 0.333 -9.000 -9.000 -999. 462.   121.8 0.34   0.73
1.00   2.70 217.   9.1 282.5   5.5
 10 01 01   1 03 -21.9 0.218 -9.000 -9.000 -999. 251.   52.2 0.34   0.73
1.00   1.80 290.   9.1 282.5   5.5
 10 01 01   1 04 -27.1 0.269 -9.000 -9.000 -999. 334.   79.5 0.34   0.73
1.00   2.20 255.   9.1 282.0   5.5
 10 01 01   1 05 -21.9 0.218 -9.000 -9.000 -999. 245.   52.2 0.34   0.73
1.00   1.80 234.   9.1 282.0   5.5
 10 01 01   1 06 -27.1 0.269 -9.000 -9.000 -999. 334.   79.5 0.34   0.73
1.00   2.20 258.   9.1 282.0   5.5
 10 01 01   1 07 -27.2 0.269 -9.000 -9.000 -999. 334.   79.5 0.34   0.73
1.00   2.20 213.   9.1 281.4   5.5
 10 01 01   1 08 -22.6 0.335 -9.000 -9.000 -999. 466.   151.7 0.34   0.73
0.54   2.70 215.   9.1 282.0   5.5
 10 01 01   1 09   26.9 0.249 0.347 0.008   56. 302.   -51.9 0.34   0.73
0.32   1.80 199.   9.1 284.2   5.5

```
 10 01 01   1 10   65.3  0.365  0.593  0.008  116.  529.    -67.5  0.34   0.73
0.24    2.70  117.    9.1  288.1    5.5
 10 01 01   1 11   94.5  0.374  0.933  0.008  311.  550.    -50.3  0.34   0.73
0.21    2.70  243.    9.1  290.4    5.5
 10 01 01   1 12  103.9  0.279  1.087  0.008  448.  359.    -19.0  0.34   0.73
0.20    1.80  130.    9.1  293.1    5.5
 10 01 01   1 13   83.7  0.273  1.073  0.008  533.  343.    -22.0  0.34   0.73
0.20    1.80  282.    9.1  294.9    5.5
 10 01 01   1 14   82.0  0.218  1.112  0.008  606.  245.    -11.4  0.34   0.73
0.21    1.30  290.    9.1  295.9    5.5
 10 01 01   1 15   38.9  0.202  0.881  0.008  636.  217.    -19.0  0.34   0.73
0.25    1.30  192.    9.1  294.9    5.5
 10 01 01   1 16   11.4  0.181  0.588  0.008  643.  185.    -47.4  0.34   0.73
0.33    1.30  218.    9.1  293.8    5.5
 10 01 01   1 17  -10.7  0.155 -9.000 -9.000 -999.  147.     31.4  0.34   0.73
0.60    1.30  255.    9.1  292.0    5.5
 10 01 01   1 18   -5.5  0.104 -9.000 -9.000 -999.   81.     18.6  0.34   0.73
1.00    0.90  129.    9.1  289.2    5.5
 10 01 01   1 19  -11.8  0.154 -9.000 -9.000 -999.  145.     27.8  0.34   0.73
1.00    1.30  264.    9.1  287.5    5.5
 10 01 01   1 20  -11.8  0.154 -9.000 -9.000 -999.  144.     27.8  0.34   0.73
1.00    1.30   25.    9.1  287.0    5.5
 10 01 01   1 21  -21.6  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  343.    9.1  285.9    5.5
 10 01 01   1 22  -21.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  332.    9.1  284.9    5.5
 10 01 01   1 23  -21.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  178.    9.1  284.2    5.5
 10 01 01   1 24  -11.8  0.154 -9.000 -9.000 -999.  145.     27.6  0.34   0.73
1.00    1.30   28.    9.1  283.1    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 10 01 01 01    5.5 0 -999.  -99.00   283.8   99.0  -99.00  -99.00
 10 01 01 01    9.1 1  321.    3.10  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

                                   PAGE  31
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3766771.08	13.71551	(10011907)	396598.26	3766771.08	14.58883	(10011907)
396638.26	3766771.08	17.31656	(15022306)	396678.26	3766771.08	21.42413	(15013006)
396718.26	3766771.08	25.33599	(15013006)	396758.26	3766771.08	27.33405	(15090706)
396798.26	3766771.08	28.05746	(15010618)	396838.26	3766771.08	31.47723	(12112007)
396878.26	3766771.08	33.02759	(16101006)	396918.26	3766771.08	36.59183	(16110106)
396958.26	3766771.08	38.14207	(16091506)	396998.26	3766771.08	39.29622	(16011808)
397038.26	3766771.08	40.04445	(16092906)	397078.26	3766771.08	39.89835	(16092906)
397118.26	3766771.08	37.51512	(16111107)	397158.26	3766771.08	34.73740	(10112206)
397198.26	3766771.08	40.04983	(10123106)	397238.26	3766771.08	38.36946	(10123106)
397278.26	3766771.08	42.62977	(10042206)	397318.26	3766771.08	43.83620	(12122608)
397358.26	3766771.08	43.71494	(10012706)	397398.26	3766771.08	46.59847	(10012706)
397438.26	3766771.08	43.57937	(10012706)	397478.26	3766771.08	40.17597	(12020606)
397518.26	3766771.08	38.82053	(12020606)	397558.26	3766771.08	34.56623	(12020606)
397598.26	3766771.08	33.14935	(10111106)	397638.26	3766771.08	30.17898	(10111106)
397678.26	3766771.08	26.00253	(10111106)	397718.26	3766771.08	22.39184	(10040206)
396558.26	3766811.08	14.11375	(10011907)	396598.26	3766811.08	15.45425	(16111406)
396638.26	3766811.08	18.63343	(15100706)	396678.26	3766811.08	21.99436	(12103106)
396718.26	3766811.08	25.60492	(15013006)	396758.26	3766811.08	28.19876	(15013006)
396798.26	3766811.08	30.50604	(15090706)	396838.26	3766811.08	32.98870	(12112007)
396878.26	3766811.08	36.14688	(12112007)	396918.26			

3766811.08 38.07447 (16110106)
396958.26 3766811.08 41.99429 (16110106) 396998.26
3766811.08 41.99477 (16092306)
397038.26 3766811.08 42.87961 (16092906) 397078.26
3766811.08 43.57643 (16092906)
397118.26 3766811.08 41.53578 (16111107) 397158.26
3766811.08 41.27194 (10112206)
397198.26 3766811.08 45.44226 (10123106) 397238.26
3766811.08 43.44799 (10042206)
397278.26 3766811.08 47.97929 (10042206) 397318.26
3766811.08 46.26620 (10012706)
397358.26 3766811.08 51.47089 (10012706) 397398.26
3766811.08 49.98831 (10012706)
397438.26 3766811.08 46.04397 (12020606) 397478.26
3766811.08 44.96598 (12020606)
397518.26 3766811.08 40.58840 (10111106) 397558.26
3766811.08 39.25056 (10111106)
397598.26 3766811.08 35.51147 (10111106) 397638.26
3766811.08 30.41508 (10111106)
397678.26 3766811.08 27.84212 (10040206) 397718.26
3766811.08 25.01528 (10040206)
396558.26 3766851.08 14.73481 (11032317) 396598.26
3766851.08 15.62335 (16111406)
396638.26 3766851.08 18.88701 (16111406) 396678.26
3766851.08 22.27856 (16111406)
396718.26 3766851.08 25.01772 (15100706) 396758.26
3766851.08 28.34458 (15013006)
396798.26 3766851.08 32.62585 (15013006) 396838.26
3766851.08 35.28024 (15090706)
396878.26 3766851.08 38.81142 (12112007) 396918.26
3766851.08 41.19120 (16101006)
396958.26 3766851.08 44.72026 (16110106) 396998.26
3766851.08 45.79013 (16092306)
397038.26 3766851.08 46.34073 (16011808) 397078.26
3766851.08 47.56273 (16092906)
397118.26 3766851.08 45.30456 (16111107) 397158.26
3766851.08 48.14532 (10123106)
397198.26 3766851.08 50.41500 (10123106) 397238.26
3766851.08 54.22009 (10042206)
397278.26 3766851.08 54.27081 (12122608) 397318.26
3766851.08 56.17123 (10012706)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF CO   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

```
       397598.26   3766891.08       39.74421  (16091906)               397638.26
 3766891.08       36.05062  (16091906)
       397678.26   3766891.08       32.47738  (10032606)               397718.26
 3766891.08       29.01448  (10011407)
       396558.26   3766931.08       16.03891  (11032317)               396598.26
 3766931.08       18.52778  (11032317)
       396638.26   3766931.08       21.10243  (11032317)               396678.26
 3766931.08       22.74146  (11032317)
       396718.26   3766931.08       26.51546  (16111406)               396758.26
 3766931.08       31.34642  (16111406)
       396798.26   3766931.08       34.67674  (15100706)               396838.26
 3766931.08       37.99117  (15013006)
       396878.26   3766931.08       43.43366  (15013006)               396918.26
 3766931.08       45.92791  (15090706)
       396958.26   3766931.08       49.71933  (12112007)               396998.26
 3766931.08       53.75332  (16110106)
       397038.26   3766931.08       56.01380  (16011808)               397078.26
 3766931.08       59.45795  (16092906)
       397118.26   3766931.08       57.21169  (10123106)               397158.26
 3766931.08       67.55775  (10123106)
       397198.26   3766931.08       71.53454  (10042206)               397238.26
 3766931.08       71.78910  (10012706)
       397278.26   3766931.08       76.05955  (10012706)               397318.26
 3766931.08       70.26006  (12020606)
       397358.26   3766931.08       69.21577  (12020606)               397398.26
 3766931.08       64.81600  (10111106)
       397438.26   3766931.08       58.76111  (10111106)               397478.26
 3766931.08       52.66399  (10040206)
       397518.26   3766931.08       50.05121  (16091906)               397558.26
 3766931.08       46.27205  (16091906)
       397598.26   3766931.08       42.20542  (10032606)               397638.26
 3766931.08       38.27193  (10011407)
       397678.26   3766931.08       33.88497  (10011407)               397718.26
 3766931.08       29.33992  (10011407)
       396558.26   3766971.08       14.56824  (11121218)               396598.26
 3766971.08       16.75987  (12112607)
       396638.26   3766971.08       20.35452  (11032317)               396678.26
 3766971.08       23.33081  (12112607)
       396718.26   3766971.08       26.34057  (12112607)               396758.26
 3766971.08       29.52616  (16111406)
       396798.26   3766971.08       35.84978  (16111406)               396838.26
 3766971.08       40.69067  (16111406)
       396878.26   3766971.08       43.65398  (15013006)               396918.26
 3766971.08       50.12318  (15013006)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                      ***       13:18:19
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396958.26	3766971.08	53.50225	(12112007)	396998.26	3766971.08	58.66746	(16110106)
397038.26	3766971.08	63.75339	(16091506)	397078.26	3766971.08	68.04843	(16122108)
397118.26	3766971.08	73.91229	(10123106)	397158.26	3766971.08	78.70464	(10123106)
397198.26	3766971.08	98.20847	(12020606)	397238.26	3766971.08	88.59149	(10012706)
397278.26	3766971.08	80.92647	(10012706)	397318.26	3766971.08	77.41369	(12020606)
397358.26	3766971.08	71.53524	(10111106)	397398.26	3766971.08	66.16570	(10111106)
397438.26	3766971.08	62.53955	(10040206)	397478.26	3766971.08	58.16978	(16091906)
397518.26	3766971.08	53.37037	(10032606)	397558.26	3766971.08	48.80652	(10011407)
397598.26	3766971.08	43.62219	(10011407)	397638.26	3766971.08	37.81197	(10011407)
397678.26	3766971.08	33.21170	(10022418)	397718.26	3766971.08	30.19020	(10022418)
396558.26	3767011.08	14.99522	(10100510)	396598.26	3767011.08	16.40781	(10100510)
396638.26	3767011.08	18.15036	(12112607)	396678.26	3767011.08	22.26526	(12112607)
396718.26	3767011.08	26.67188	(12112607)	396758.26	3767011.08	31.14462	(12112607)
396798.26	3767011.08	34.78889	(12112607)	396838.26	3767011.08	40.46357	(16111406)
396878.26	3767011.08	47.31186	(16111406)	396918.26	3767011.08	51.90409	(15100706)
396958.26	3767011.08	59.65918	(15013006)	396998.26	3767011.08	65.90236	(12112007)
397038.26	3767011.08	73.06411	(16110106)	397078.26			

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 3767011.08       90.01136  (16122017)
       397118.26   3767011.08      138.18844  (10042206)                397158.26
 3767011.08      154.18731  (10020206)
       397198.26   3767011.08      171.86159  (10012706)                397238.26
 3767011.08      168.14480  (12020606)
       397278.26   3767011.08      106.66235  (10040206)                397318.26
 3767011.08       83.45445  (10111106)
       397358.26   3767011.08       72.00370  (10040206)                397398.26
 3767011.08       67.89557  (16091906)
       397438.26   3767011.08       65.68391  (10032606)                397478.26
 3767011.08       60.97809  (10011407)
       397518.26   3767011.08       54.45141  (10011407)                397558.26
 3767011.08       47.62573  (11020807)
       397598.26   3767011.08       43.69117  (10022418)                397638.26
 3767011.08       39.39483  (10022418)
       397678.26   3767011.08       35.19960  (12122718)                397718.26
 3767011.08       31.79274  (12122718)
       396558.26   3767051.08       15.86627  (10012618)                396598.26
 3767051.08       17.32360  (10100510)
       396638.26   3767051.08       19.45616  (10100510)                396678.26
 3767051.08       21.78339  (10100510)
       396718.26   3767051.08       24.24348  (11040606)                396758.26
 3767051.08       28.64710  (12112607)
       396798.26   3767051.08       34.78689  (12112607)                396838.26
 3767051.08       40.71023  (12112607)
       396878.26   3767051.08       46.18288  (12112607)                396918.26
 3767051.08       57.19312  (16111406)
       396958.26   3767051.08       63.70873  (15013006)                396998.26
 3767051.08       82.06177  (12112007)
       397038.26   3767051.08      138.55953  (16110106)                397078.26
 3767051.08      168.69563  (16122108)
       397118.26   3767051.08      199.26784  (10123106)                397158.26
 3767051.08      162.49557  (10042206)
       397198.26   3767051.08      162.03089  (10020206)                397238.26
 3767051.08      148.98894  (11011017)
       397278.26   3767051.08      162.16657  (10032606)                397318.26
 3767051.08      119.36282  (15111018)
       397358.26   3767051.08       78.72366  (10032606)                397398.26
 3767051.08       70.15646  (10011407)
       397438.26   3767051.08       64.77316  (10011407)                397478.26
 3767051.08       60.16986  (10022418)
       397518.26   3767051.08       55.37375  (10022418)                397558.26
 3767051.08       50.84646  (12122718)
       397598.26   3767051.08       46.10465  (12122718)                397638.26
 3767051.08       41.03068  (12122718)
       397678.26   3767051.08       36.03949  (12122718)                397718.26
 3767051.08       31.35838  (12122718)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3767091.08	15.28789	(11121406)	396598.26	3767091.08	16.90331	(11111806)
396638.26	3767091.08	18.72297	(11111806)	396678.26	3767091.08	21.42914	(10100510)
396718.26	3767091.08	24.50387	(10100510)	396758.26	3767091.08	27.59099	(11031007)
396798.26	3767091.08	31.96123	(11040606)	396838.26	3767091.08	36.69121	(11040606)
396878.26	3767091.08	46.23503	(12112607)	396918.26	3767091.08	55.96694	(12112607)
396958.26	3767091.08	67.60093	(16111406)	396998.26	3767091.08	128.71588	(12021618)
397078.26	3767091.08	123.72324	(16122108)	397118.26	3767091.08	172.70667	(10123106)
397158.26	3767091.08	170.75306	(10010407)	397198.26	3767091.08	146.21438	(11011017)
397238.26	3767091.08	144.68873	(10111106)	397278.26	3767091.08	147.71949	(10112206)
397318.26	3767091.08	114.91921	(15122507)	397358.26	3767091.08	79.35366	(10022418)
397398.26	3767091.08	71.22040	(10022418)	397438.26	3767091.08	66.51424	(12122718)
397478.26	3767091.08	60.71961	(12122718)	397518.26	3767091.08	54.95842	(12122718)
397558.26	3767091.08	48.80177	(12122718)	397598.26	3767091.08	43.85755	(12091206)
397638.26	3767091.08	39.86858	(12091206)	397678.26	3767091.08	35.48075	(12091206)
397718.26	3767091.08	31.25052	(12091206)	396558.26	3767131.08	15.82348	(11121406)

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       396598.26   3767131.08       17.86351  (10122106)                396638.26
3767131.08       19.89469  (10111118)
       396678.26   3767131.08       21.66775  (10111118)                396718.26
3767131.08       24.39257  (10111118)
       396758.26   3767131.08       27.79446  (10111118)                396798.26
3767131.08       31.30732  (10111118)
       396838.26   3767131.08       35.73520  (11111806)                396878.26
3767131.08       42.47931  (11031007)
       396918.26   3767131.08       50.69670  (11040606)                396958.26
3767131.08       81.62800  (16111406)
       397238.26   3767131.08      106.39386  (10011407)                397278.26
3767131.08      149.94822  (11011308)
       397318.26   3767131.08      121.00904  (10010407)                397358.26
3767131.08       91.53563  (12091206)
       397398.26   3767131.08       72.25565  (12122718)                397438.26
3767131.08       65.10736  (12091206)
       397478.26   3767131.08       58.37804  (12091206)                397518.26
3767131.08       53.14782  (16022406)
       397558.26   3767131.08       48.20297  (16022406)                397598.26
3767131.08       43.80398  (16022406)
       397638.26   3767131.08       39.70467  (16022406)                397678.26
3767131.08       35.10028  (16022406)
       397718.26   3767131.08       30.69474  (16022406)                396558.26
3767171.08       18.14974  (11021818)
       396598.26   3767171.08       19.37738  (11121207)                396638.26
3767171.08       21.86392  (11121207)
       396678.26   3767171.08       23.62312  (11121207)                396718.26
3767171.08       25.54627  (11121207)
       396758.26   3767171.08       28.82134  (11121207)                396798.26
3767171.08       33.26321  (11121207)
       396838.26   3767171.08       38.78574  (11121207)                396878.26
3767171.08       45.60827  (11121207)
       396918.26   3767171.08       52.06963  (11121207)                397438.26
3767171.08       62.78485  (16022406)
       397478.26   3767171.08       55.99027  (16022406)                397518.26
3767171.08       50.37955  (12110707)
       397558.26   3767171.08       45.65340  (12110707)                397598.26
3767171.08       41.23054  (12110707)
       397638.26   3767171.08       36.94052  (12110707)                397678.26
3767171.08       32.77657  (12110707)
       397718.26   3767171.08       28.91594  (12110707)                396558.26
3767211.08       18.33601  (11021818)
       396598.26   3767211.08       20.48362  (15021118)                396638.26
3767211.08       23.05652  (15021118)
       396678.26   3767211.08       25.86388  (15021118)                396718.26
3767211.08       27.13839  (15021118)
       396758.26   3767211.08       29.82418  (15021118)                396798.26
3767211.08       34.14758  (15021118)
       396838.26   3767211.08       40.78733  (15021118)                396878.26
3767211.08       47.84171  (15021118)
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396918.26	3767211.08	55.03132	(15021118)	396958.26	3767211.08	62.38281	(15021118)
397438.26	3767211.08	58.32117	(16022418)	397478.26	3767211.08	53.47296	(16022418)
397518.26	3767211.08	49.65039	(16022418)	397558.26	3767211.08	45.38888	(16022418)
397598.26	3767211.08	41.22583	(16022418)	397638.26	3767211.08	36.96694	(16022418)
397678.26	3767211.08	32.89331	(16022418)	397718.26	3767211.08	29.11527	(16022418)
396558.26	3767251.08	18.02929	(11083006)	396598.26	3767251.08	20.45982	(11091906)
396638.26	3767251.08	23.22060	(11091906)	396678.26	3767251.08	26.16021	(11091906)
396718.26	3767251.08	28.28346	(11091906)	396758.26	3767251.08	29.25880	(11091906)
396798.26	3767251.08	32.91366	(15020607)	396838.26	3767251.08	38.58257	(15020607)
396878.26	3767251.08	46.30289	(10101406)	396918.26	3767251.08	49.74049	(10101406)
396958.26	3767251.08	53.55270	(16022407)	396998.26	3767251.08	78.16716	(16022407)
397038.26	3767251.08	63.50411	(15031809)	397078.26	3767251.08	51.10103	(11060107)
397118.26	3767251.08	81.61564	(10121311)	397318.26	3767251.08	93.71091	(16092318)
397358.26	3767251.08	62.80064	(12120407)	397398.26			

3767251.08 57.21624 (12120407)
397438.26 3767251.08 51.88012 (12120407) 397478.26
3767251.08 47.32813 (12120407)
397518.26 3767251.08 44.04644 (12120407) 397558.26
3767251.08 40.05478 (12120407)
397598.26 3767251.08 36.11442 (12120407) 397638.26
3767251.08 32.75411 (12020706)
397678.26 3767251.08 29.24228 (12020706) 397718.26
3767251.08 25.84831 (16022418)
396558.26 3767291.08 17.23719 (15020607) 396598.26
3767291.08 19.68823 (10101406)
396638.26 3767291.08 22.51732 (10101406) 396678.26
3767291.08 25.68394 (10101406)
396718.26 3767291.08 28.88657 (10101406) 396758.26
3767291.08 29.63206 (16022407)
396798.26 3767291.08 32.24674 (11011706) 396838.26
3767291.08 36.83325 (11011706)
396878.26 3767291.08 41.47374 (11011706) 396918.26
3767291.08 42.30576 (11011706)
396958.26 3767291.08 43.29739 (11011706) 396998.26
3767291.08 54.32862 (11011706)
397038.26 3767291.08 58.92786 (12022007) 397078.26
3767291.08 92.44775 (10083109)
397118.26 3767291.08 106.52229 (10121311) 397158.26
3767291.08 65.01137 (12120618)
397278.26 3767291.08 87.12262 (11111518) 397318.26
3767291.08 71.16347 (15012218)
397358.26 3767291.08 58.04244 (11101218) 397398.26
3767291.08 55.76861 (12022715)
397438.26 3767291.08 48.14542 (11110718) 397478.26
3767291.08 42.55537 (11102107)
397518.26 3767291.08 39.21948 (11102107) 397558.26
3767291.08 36.23348 (12120407)
397598.26 3767291.08 33.37335 (12120407) 397638.26
3767291.08 30.83581 (12120407)
397678.26 3767291.08 28.39331 (12120407) 397718.26
3767291.08 25.33360 (12120407)
396558.26 3767331.08 17.03876 (16022407) 396598.26
3767331.08 19.02294 (16022407)
396638.26 3767331.08 21.17440 (11011706) 396678.26
3767331.08 24.21004 (11011706)
396718.26 3767331.08 27.07146 (11011706) 396758.26
3767331.08 27.97715 (11011706)
396798.26 3767331.08 29.09307 (15022007) 396838.26
3767331.08 32.29443 (15022007)
396878.26 3767331.08 35.47680 (12022007) 396918.26
3767331.08 35.55927 (12080306)
396958.26 3767331.08 35.08401 (12022007) 396998.26
3767331.08 35.56362 (11081906)
397038.26 3767331.08 44.02734 (11081906) 397078.26

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397198.26	3767331.08	105.83235	(15121718)	397238.26	3767331.08	96.40135	(12101618)
397278.26	3767331.08	80.76367	(15100918)	397318.26	3767331.08	57.13650	(15012318)
397358.26	3767331.08	52.81310	(12091706)	397398.26	3767331.08	52.00332	(16092818)
397438.26	3767331.08	47.81648	(16092818)	397478.26	3767331.08	42.69266	(11101218)
397518.26	3767331.08	38.02062	(11101218)	397558.26	3767331.08	33.84845	(11110718)
397598.26	3767331.08	30.38167	(10021207)	397638.26	3767331.08	27.26666	(11102107)
397678.26	3767331.08	24.88331	(11102107)	397718.26	3767331.08	22.80166	(11102107)
396558.26	3767371.08	16.38922	(11011706)	396598.26	3767371.08	17.86508	(11011706)
396638.26	3767371.08	20.57579	(10101916)	396678.26	3767371.08	23.98687	(10101916)
396718.26	3767371.08	26.73134	(10101916)	396758.26	3767371.08	27.62108	(10101916)
396798.26	3767371.08	27.24864	(12080306)	396838.26	3767371.08	28.59699	(12080306)
396878.26	3767371.08	29.75104	(12080306)	396918.26	3767371.08	29.61502	(11081906)

396958.26 3767371.08 29.26657 (11081906) 396998.26 3767371.08 29.98947 (12032306)
397038.26 3767371.08 33.82283 (15070711) 397078.26 3767371.08 51.19772 (15101606)
397118.26 3767371.08 65.57475 (15121618) 397158.26 3767371.08 91.69979 (11120718)
397198.26 3767371.08 82.99347 (10112517) 397238.26 3767371.08 66.72593 (15120918)
397278.26 3767371.08 57.64619 (12101618) 397318.26 3767371.08 52.43960 (15100918)
397358.26 3767371.08 48.75121 (12091106) 397398.26 3767371.08 47.99035 (15012218)
397438.26 3767371.08 44.02347 (12091706) 397478.26 3767371.08 39.65363 (10102018)
397518.26 3767371.08 36.29161 (16092818) 397558.26 3767371.08 33.01229 (10112518)
397598.26 3767371.08 29.90365 (11101218) 397638.26 3767371.08 26.57346 (11101218)
397678.26 3767371.08 23.26219 (11110718) 397718.26 3767371.08 20.41145 (11110718)
396558.26 3767411.08 16.55009 (10101916) 396598.26 3767411.08 19.33014 (10101916)
396638.26 3767411.08 21.86590 (10101916) 396678.26 3767411.08 23.70613 (10101916)
396718.26 3767411.08 24.42885 (10101916) 396758.26 3767411.08 23.81939 (12111516)
396798.26 3767411.08 24.66974 (12111516) 396838.26 3767411.08 24.45757 (12111516)
396878.26 3767411.08 26.06962 (12032306) 396918.26 3767411.08 26.47217 (12032306)
396958.26 3767411.08 26.60111 (12032306) 396998.26 3767411.08 26.32179 (12032306)
397038.26 3767411.08 30.83917 (12052408) 397078.26 3767411.08 44.30514 (15101606)
397118.26 3767411.08 53.16120 (15121618) 397158.26 3767411.08 58.67930 (12012518)
397198.26 3767411.08 58.04327 (11120718) 397238.26 3767411.08 55.12718 (16101918)
397278.26 3767411.08 52.30212 (10093006) 397318.26 3767411.08 49.07000 (12101618)
397358.26 3767411.08 45.98816 (15100918) 397398.26 3767411.08 43.50545 (15012118)
397438.26 3767411.08 41.10878 (15012318) 397478.26 3767411.08 37.94557 (15012218)
397518.26 3767411.08 34.67391 (12091706) 397558.26 3767411.08 31.65232 (12101917)
397598.26 3767411.08 28.73042 (15101617) 397638.26 3767411.08 25.65580 (10112518)
397678.26 3767411.08 23.05407 (11101218) 397718.26 3767411.08 19.97918 (11101218)

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENERATO ***
                                    INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       396798.26   3767451.08   22.13357 (12111516)   396838.26
 3767451.08   22.78660 (12032306)
       396878.26   3767451.08   23.71471 (12032306)   396918.26
 3767451.08   23.65733 (12032306)
       396958.26   3767451.08   23.05520 (12032306)   396998.26
 3767451.08   23.57442 (16092206)
       397038.26   3767451.08   28.58940 (10020914)   397078.26
 3767451.08   35.52932 (15101606)
       397118.26   3767451.08   42.83589 (15121618)   397158.26
 3767451.08   50.10848 (15121618)
       397198.26   3767451.08   49.74900 (11120718)   397238.26
 3767451.08   49.74099 (16101918)
       397278.26   3767451.08   47.38196 (10112517)   397318.26
 3767451.08   45.36071 (10012818)
       397358.26   3767451.08   43.16051 (11011418)   397398.26
 3767451.08   41.01551 (15100918)
       397438.26   3767451.08   37.67694 (12120418)   397478.26
 3767451.08   35.25557 (12091106)
       397518.26   3767451.08   32.95205 (15012218)   397558.26
 3767451.08   30.06703 (15012218)
       397598.26   3767451.08   27.32535 (11112817)   397638.26

3767451.08 25.15610 (12101917)
397678.26 3767451.08 22.51571 (15101617) 397718.26
3767451.08 19.78604 (15101617)
396558.26 3767491.08 15.51419 (10101916) 396598.26
3767491.08 16.14435 (10122208)
396638.26 3767491.08 17.11702 (10122208) 396678.26
3767491.08 18.70575 (12111516)
396718.26 3767491.08 19.59632 (12111516) 396758.26
3767491.08 19.63498 (15051307)
396798.26 3767491.08 21.05384 (15051307) 396838.26
3767491.08 21.51542 (15051307)
396878.26 3767491.08 21.04611 (10051716) 396918.26
3767491.08 20.96622 (10051716)
396958.26 3767491.08 21.62965 (16092206) 396998.26
3767491.08 21.64988 (16092206)
397038.26 3767491.08 26.76987 (10020914) 397078.26
3767491.08 29.65377 (11032417)
397118.26 3767491.08 36.63109 (16110818) 397158.26
3767491.08 43.12780 (15121618)
397198.26 3767491.08 43.83411 (12012518) 397238.26
3767491.08 44.86344 (11120718)
397278.26 3767491.08 44.40971 (16101918) 397318.26
3767491.08 42.43206 (10093006)
397358.26 3767491.08 40.11380 (11011418) 397398.26
3767491.08 38.05578 (11011418)
397438.26 3767491.08 35.61432 (15100918) 397478.26
3767491.08 32.81517 (12120418)
397518.26 3767491.08 30.59302 (12091106) 397558.26
3767491.08 28.38528 (15012318)
397598.26 3767491.08 25.94189 (15012218) 397638.26
3767491.08 23.39984 (11112817)
397678.26 3767491.08 21.23086 (11112817) 397718.26
3767491.08 19.38879 (12101917)
396558.26 3767531.08 15.59584 (10122208) 396598.26
3767531.08 16.25343 (10122208)
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3767531.08 16.47635 (12111516)
396718.26 3767531.08 17.36298 (15051307) 396758.26
3767531.08 19.12354 (15051307)
396798.26 3767531.08 19.76910 (10100516) 396838.26
3767531.08 20.36704 (11021816)
396878.26 3767531.08 20.57154 (10051716) 396918.26
3767531.08 19.91292 (10051716)
396958.26 3767531.08 20.20967 (10061118) 396998.26
3767531.08 22.25340 (10020117)
397038.26 3767531.08 25.49885 (10020914) 397078.26
3767531.08 27.46775 (11032417)
397118.26 3767531.08 32.98462 (16110818) 397158.26
3767531.08 37.84920 (15121618)
397198.26 3767531.08 40.47393 (12012518) 397238.26

 3767531.08   40.18341 (11120718)
       397278.26   3767531.08   40.36437 (16110418)   397318.26
 3767531.08   38.79547 (16101918)
       397358.26   3767531.08   37.66742 (10093006)   397398.26
 3767531.08   35.23366 (11011418)
       397438.26   3767531.08   33.37577 (11011418)   397478.26
 3767531.08   31.36717 (15100918)
       397518.26   3767531.08   28.82804 (15100918)   397558.26
 3767531.08   26.38901 (12081406)

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

```
       397113.57   3767239.93       95.96870  (15082508)               397158.63
 3767280.29       69.58071  (12102418)
       397168.95   3767307.05       70.19145  (15100918)               397244.05
 3767296.72       92.41553  (12091106)
       397260.95   3767278.88       81.57498  (16092818)               397409.74
 3767205.66       64.77762  (16022418)
       397422.89   3767189.23       63.93718  (16022418)               397426.64
 3767180.78       62.70341  (16022418)
       397420.54   3767170.46       66.48666  (16022406)               397318.68
 3767160.13       92.05447  (15072206)
       397022.98   3767083.62      131.03453  (12102406)               396943.60
 3767192.73       59.85600  (11121207)
       396966.77   3767218.13       73.60582  (10100518)               397017.03
 3767233.75       87.00812  (10100518)
       397078.83   3767231.95       69.96567  (12041809)               397136.10
 3767260.11       77.85556  (12091808)
       397206.50   3767301.88       71.80669  (15012318)               397298.15
 3767260.58       96.21332  (15021906)
       397335.34   3767242.27       90.50611  (11102107)               397372.54
 3767223.96       67.81214  (16022418)
       397386.59   3767167.02       74.91175  (16022406)               397352.63
 3767163.57      128.90910  (15120217)
       397276.44   3767149.20      118.19938  (11011308)               397234.19
 3767138.27       98.37915  (10011407)
       397191.95   3767127.34      101.88421  (10111106)               397149.71
 3767116.41      162.12611  (10010407)
       397107.47   3767105.48      159.33104  (10123106)               397065.22
 3767094.55      109.98338  (16011808)
       396988.79   3767111.52      129.89783  (16111406)               396954.61
 3767139.42       71.36764  (16111406)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  39
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3766771.08	9.95581	(11032317)	396598.26	3766771.08	10.40037	(10020516)
396638.26	3766771.08	10.77616	(10020516)	396678.26	3766771.08	10.74986	(10020516)
396718.26	3766771.08	10.30308	(10020516)	396758.26	3766771.08	11.46370	(16050618)
396798.26	3766771.08	12.82680	(16050618)	396838.26	3766771.08	13.63822	(16050618)
396878.26	3766771.08	13.63767	(16050618)	396918.26	3766771.08	12.79717	(16050618)
396958.26	3766771.08	13.05534	(15101407)	396998.26	3766771.08	13.63778	(15101407)
397038.26	3766771.08	14.07723	(15101407)	397078.26	3766771.08	14.34456	(15101407)
397118.26	3766771.08	14.40690	(15101407)	397158.26	3766771.08	14.25832	(15101407)
397198.26	3766771.08	13.97894	(15101407)	397238.26	3766771.08	13.57255	(15101407)
397278.26	3766771.08	13.05035	(15101407)	397318.26	3766771.08	12.43598	(15101407)
397358.26	3766771.08	11.75240	(15101407)	397398.26	3766771.08	11.04041	(15101407)
397438.26	3766771.08	10.31230	(15101407)	397478.26	3766771.08	9.59687	(15101407)
397518.26	3766771.08	8.90707	(15101407)	397558.26	3766771.08	8.25235	(15101407)
397598.26	3766771.08	7.65265	(12101115)	397638.26	3766771.08	7.78659	(12101115)
397678.26	3766771.08	7.71586	(12101115)	397718.26	3766771.08	7.46165	(12101115)
396558.26	3766811.08	11.97152	(11032317)	396598.26	3766811.08	11.97604	(11032317)
396638.26	3766811.08	12.41185	(10020516)	396678.26	3766811.08	12.97391	(10020516)
396718.26	3766811.08	13.04753	(10020516)	396758.26	3766811.08	12.54237	(10020516)
396798.26	3766811.08	13.73761	(16050618)	396838.26	3766811.08	15.30936	(16050618)
396878.26	3766811.08	15.97474	(16050618)	396918.26	3766811.08	15.56060	(16050618)
396958.26	3766811.08	15.14646	(15101407)	396998.26			

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 3766811.08       15.95499  (15101407)
       397038.26   3766811.08       16.56190  (15101407)                397078.26
 3766811.08       16.92779  (15101407)
       397118.26   3766811.08       17.06545  (15101407)                397158.26
 3766811.08       16.91641  (15101407)
       397198.26   3766811.08       16.48496  (15101407)                397238.26
 3766811.08       15.85180  (15101407)
       397278.26   3766811.08       15.09385  (15101407)                397318.26
 3766811.08       14.25827  (15101407)
       397358.26   3766811.08       13.36172  (15101407)                397398.26
 3766811.08       12.43331  (15101407)
       397438.26   3766811.08       11.50503  (15101407)                397478.26
 3766811.08       10.60921  (15101407)
       397518.26   3766811.08        9.75881  (15101407)                397558.26
 3766811.08        8.96679  (15101407)
       397598.26   3766811.08        9.03127  (12101115)                397638.26
 3766811.08        8.87256  (12101115)
       397678.26   3766811.08        8.49353  (12101115)                397718.26
 3766811.08        7.94333  (12101115)
       396558.26   3766851.08       13.64985  (11032317)                396598.26
 3766851.08       14.22414  (11032317)
       396638.26   3766851.08       14.57300  (11032317)                396678.26
 3766851.08       14.93564  (10020516)
       396718.26   3766851.08       15.82770  (10020516)                396758.26
 3766851.08       16.05467  (10020516)
       396798.26   3766851.08       15.50083  (10020516)                396838.26
 3766851.08       16.81054  (16050618)
       396878.26   3766851.08       18.49807  (16050618)                396918.26
 3766851.08       18.79567  (16050618)
       396958.26   3766851.08       17.79371  (15101407)                396998.26
 3766851.08       18.94307  (15101407)
       397038.26   3766851.08       19.80329  (15101407)                397078.26
 3766851.08       20.35823  (15101407)
       397118.26   3766851.08       20.55469  (15101407)                397158.26
 3766851.08       20.33872  (15101407)
       397198.26   3766851.08       19.74115  (15101407)                397238.26
 3766851.08       18.87922  (15101407)
       397278.26   3766851.08       17.78927  (15101407)                397318.26
 3766851.08       16.54353  (15101407)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  40
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
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 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        397358.26   3766851.08       15.31437  (15101407)               397398.26
 3766851.08       14.08671  (15101407)
        397438.26   3766851.08       12.89324  (15101407)               397478.26
 3766851.08       11.75953  (15101407)
        397518.26   3766851.08       10.70710  (15101407)               397558.26
 3766851.08       10.58352  (12101115)
        397598.26   3766851.08       10.29626  (12101115)               397638.26
 3766851.08        9.73817  (12101115)
        397678.26   3766851.08        8.98120  (12101115)               397718.26
 3766851.08        8.43189  (12122216)
        396558.26   3766891.08       14.56528  (11032317)               396598.26
 3766891.08       15.87671  (11032317)
        396638.26   3766891.08       17.08472  (11032317)               396678.26
 3766891.08       17.99624  (11032317)
        396718.26   3766891.08       18.25084  (10020516)               396758.26
 3766891.08       19.65933  (10020516)
        396798.26   3766891.08       20.18635  (10020516)               396838.26
 3766891.08       19.56784  (10020516)
        396878.26   3766891.08       20.99432  (16050618)               396918.26
 3766891.08       22.46752  (16050618)
        396958.26   3766891.08       22.08694  (16050618)               396998.26
 3766891.08       22.90387  (15101407)
        397038.26   3766891.08       24.19387  (15101407)               397078.26
 3766891.08       25.08769  (15101407)
        397118.26   3766891.08       25.31287  (15101407)               397158.26
 3766891.08       24.87048  (15101407)
        397198.26   3766891.08       24.06864  (15101407)               397238.26
 3766891.08       22.78881  (15101407)
        397278.26   3766891.08       21.25696  (15101407)               397318.26
 3766891.08       19.57204  (15101407)
        397358.26   3766891.08       17.79105  (15101407)               397398.26
 3766891.08       16.07276  (15101407)
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       397438.26   3766891.08       14.50269  (15101407)                397478.26
 3766891.08       13.06010  (15101407)
       397518.26   3766891.08       12.56059  (12101115)                397558.26
 3766891.08       12.08567  (12101115)
       397598.26   3766891.08       11.27139  (12101115)                397638.26
 3766891.08       10.49397  (12122216)
       397678.26   3766891.08        9.86059  (12122216)                397718.26
 3766891.08        9.07929  (12122216)
       396558.26   3766931.08       14.45922  (11032317)                396598.26
 3766931.08       16.51392  (11032317)
       396638.26   3766931.08       18.74248  (11032317)                396678.26
 3766931.08       20.70042  (11032317)
       396718.26   3766931.08       22.31804  (11032317)                396758.26
 3766931.08       23.07764  (11032317)
       396798.26   3766931.08       25.02687  (10020516)                396838.26
 3766931.08       26.04833  (10020516)
       396878.26   3766931.08       25.34157  (10020516)                396918.26
 3766931.08       26.53862  (16050618)
       396958.26   3766931.08       27.54262  (16050618)                396998.26
 3766931.08       28.42858  (15101407)
       397038.26   3766931.08       30.53235  (15101407)                397078.26
 3766931.08       31.80368  (15101407)
       397118.26   3766931.08       32.08166  (15101407)                397158.26
 3766931.08       31.38699  (15101407)
       397198.26   3766931.08       30.00317  (15101407)                397238.26
 3766931.08       28.06863  (15101407)
       397278.26   3766931.08       25.76301  (15101407)                397318.26
 3766931.08       23.35197  (15101407)
       397358.26   3766931.08       20.97551  (15101407)                397398.26
 3766931.08       18.59586  (15101407)
       397438.26   3766931.08       16.41911  (15101407)                397478.26
 3766931.08       15.14190  (12101115)
       397518.26   3766931.08       14.40739  (12101115)                397558.26
 3766931.08       13.34227  (12122216)
       397598.26   3766931.08       12.58308  (12122216)                397638.26
 3766931.08       11.57191  (12122216)
       397678.26   3766931.08       10.41673  (12122216)                397718.26
 3766931.08        9.21081  (12122216)
       396558.26   3766971.08       13.17044  (11032317)                396598.26
 3766971.08       15.73356  (11032317)
       396638.26   3766971.08       18.69720  (11032317)                396678.26
 3766971.08       21.87311  (11032317)
       396718.26   3766971.08       25.13147  (11032317)                396758.26
 3766971.08       28.03007  (11032317)
       396798.26   3766971.08       29.99920  (11032317)                396838.26
 3766971.08       32.85028  (10020516)
       396878.26   3766971.08       34.75633  (10020516)                396918.26
 3766971.08       33.95267  (10020516)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                                L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                                L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                                L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF CO   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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3767011.08       20.82645  (11032317)
       396718.26   3767011.08       25.47461  (11032317)                396758.26
3767011.08       30.66686  (11032317)
       396798.26   3767011.08       35.87749  (11032317)                396838.26
3767011.08       40.26449  (11032317)
       396878.26   3767011.08       44.90293  (10020516)                396918.26
3767011.08       48.76510  (10020516)
       396958.26   3767011.08       47.91688  (10020516)                396998.26
3767011.08       49.87450  (15101407)
       397038.26   3767011.08       55.95620  (15101407)                397078.26
3767011.08       58.65751  (15101407)
       397118.26   3767011.08       58.14088  (15101407)                397158.26
3767011.08       55.24187  (15101407)
       397198.26   3767011.08       50.97797  (15101407)                397238.26
3767011.08       45.89566  (15101407)
       397278.26   3767011.08       40.46920  (15101407)                397318.26
3767011.08       34.98418  (15101407)
       397358.26   3767011.08       29.65428  (15101407)                397398.26
3767011.08       28.85196  (11021507)
       397438.26   3767011.08       23.30289  (12101115)                397478.26
3767011.08       20.92528  (12122216)
       397518.26   3767011.08       18.67527  (12122216)                397558.26
3767011.08       16.16281  (12122216)
       397598.26   3767011.08       14.12034  (11102516)                397638.26
3767011.08       12.95383  (11102516)
       397678.26   3767011.08       11.84891  (11102516)                397718.26
3767011.08       10.76964  (11102516)
       396558.26   3767051.08        8.62065  (15101407)                396598.26
3767051.08       10.37197  (11032317)
       396638.26   3767051.08       13.37488  (11032317)                396678.26
3767051.08       17.41444  (11032317)
       396718.26   3767051.08       22.64894  (11032317)                396758.26
3767051.08       29.32571  (11032317)
       396798.26   3767051.08       37.61180  (11032317)                396838.26
3767051.08       47.05191  (11032317)
       396878.26   3767051.08       56.38835  (11032317)                396918.26
3767051.08       65.79016  (10020516)
       396958.26   3767051.08       74.58925  (10020516)                396998.26
3767051.08       74.77461  (10020516)
       397038.26   3767051.08       87.60766  (15101407)                397078.26
3767051.08       90.43929  (15101407)
       397118.26   3767051.08       86.67595  (15101407)                397158.26
3767051.08       79.68669  (15101407)
       397198.26   3767051.08       71.37516  (15101407)                397238.26
3767051.08       62.42699  (15101407)
       397278.26   3767051.08       53.43453  (15101407)                397318.26
3767051.08       44.48325  (15101407)
       397358.26   3767051.08       36.23863  (15101407)                397398.26
3767051.08       33.55602  (10110324)
       397438.26   3767051.08       29.01890  (12122216)                397478.26
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 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        396558.26   3767091.08   8.89065 (11061908)   396598.26
 3767091.08   10.26570 (11061908)
        396638.26   3767091.08   11.92064 (11061908)   396678.26
 3767091.08   13.95590 (11061908)
        396718.26   3767091.08   17.05351 (11032317)   396758.26
 3767091.08   23.56712 (11032317)
        396798.26   3767091.08   32.86473 (11032317)   396838.26
 3767091.08   46.12038 (11032317)
        396878.26   3767091.08   63.78966 (11032317)   396918.26
 3767091.08   83.64421 (11032317)
        396958.26   3767091.08   105.00443 (10020516)   396998.26
 3767091.08   142.20036 (15101407)
        397078.26   3767091.08   170.68397 (15101407)   397118.26
 3767091.08   149.25667 (15101407)

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       397158.26   3767091.08      128.35978  (15101407)                397198.26
3767091.08      109.20268  (15101407)
       397238.26   3767091.08       91.72691  (15101407)                397278.26
3767091.08       75.51573  (15101407)
       397318.26   3767091.08       59.48117  (15101407)                397358.26
3767091.08       47.36305  (11102516)
       397398.26   3767091.08       42.72681  (11102516)                397438.26
3767091.08       37.56967  (11102516)
       397478.26   3767091.08       32.21977  (11102516)                397518.26
3767091.08       27.46146  (11102516)
       397558.26   3767091.08       23.44011  (11102516)                397598.26
3767091.08       20.00263  (11102516)
       397638.26   3767091.08       16.87461  (11102516)                397678.26
3767091.08       14.72764  (11102516)
       397718.26   3767091.08       12.97705  (11102516)                396558.26
3767131.08       10.49872  (15122816)
       396598.26   3767131.08       12.18858  (15122816)                396638.26
3767131.08       14.27785  (15122816)
       396678.26   3767131.08       16.80208  (15122816)                396718.26
3767131.08       20.22786  (15122816)
       396758.26   3767131.08       25.01205  (15122816)                396798.26
3767131.08       31.70705  (15122816)
       396838.26   3767131.08       41.51241  (15122816)                396878.26
3767131.08       56.93360  (15122816)
       396918.26   3767131.08       92.95096  (11032317)                396958.26
3767131.08      149.15346  (15101407)
       397238.26   3767131.08      161.80503  (15101407)                397278.26
3767131.08      125.89756  (15101407)
       397318.26   3767131.08       93.89084  (11102516)                397358.26
3767131.08       80.36474  (11102516)
       397398.26   3767131.08       63.60522  (11102516)                397438.26
3767131.08       49.34906  (11102516)
       397478.26   3767131.08       38.95903  (11102516)                397518.26
3767131.08       31.35963  (11102516)
       397558.26   3767131.08       25.69822  (11102516)                397598.26
3767131.08       21.36655  (11102516)
       397638.26   3767131.08       17.73248  (11102516)                397678.26
3767131.08       15.05399  (11102516)
       397718.26   3767131.08       13.07480  (11102516)                396558.26
3767171.08       14.09808  (15122816)
       396598.26   3767171.08       16.54435  (15122816)                396638.26
3767171.08       19.64601  (15122816)
       396678.26   3767171.08       23.55206  (15122816)                396718.26
3767171.08       28.57942  (15122816)
       396758.26   3767171.08       35.82241  (15122816)                396798.26
3767171.08       46.67211  (15122816)
       396838.26   3767171.08       63.35218  (15122816)                396878.26
3767171.08       92.19765  (15122816)
       396918.26   3767171.08      150.24785  (15122816)                397438.26
3767171.08       53.93628  (11102516)
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       397478.26   3767171.08       41.34752  (16020517)               397518.26
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       397558.26   3767171.08       27.17909  (16020517)               397598.26
 3767171.08       22.68114  (16020517)
       397638.26   3767171.08       19.19569  (16020517)               397678.26
 3767171.08       16.63851  (16020517)
       397718.26   3767171.08       14.51490  (16020517)               396558.26
 3767211.08       17.27644  (15122816)
       396598.26   3767211.08       20.27198  (15122816)               396638.26
 3767211.08       24.05082  (15122816)
       396678.26   3767211.08       28.89052  (15122816)               396718.26
 3767211.08       34.91990  (15122816)
       396758.26   3767211.08       43.01394  (15122816)               396798.26
 3767211.08       54.74708  (15122816)
       396838.26   3767211.08       72.18873  (15122816)               396878.26
 3767211.08       97.61242  (15122816)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:18:19

                                  PAGE  43
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF CO       IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396918.26   3767211.08      135.59296  (15122816)               396958.26
 3767211.08      194.43495  (15122816)
       397438.26   3767211.08       56.82986  (16020517)               397478.26
 3767211.08       44.69061  (16020517)
       397518.26   3767211.08       35.73228  (16020517)               397558.26
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3767211.08 29.07773 (16020517)
397598.26 3767211.08 24.06686 (16020517) 397638.26
3767211.08 20.44181 (16020517)
397678.26 3767211.08 17.64653 (16020517) 397718.26
3767211.08 15.33639 (16020517)
396558.26 3767251.08 19.39768 (15122816) 396598.26
3767251.08 22.57394 (15122816)
396638.26 3767251.08 26.46980 (15122816) 396678.26
3767251.08 31.30522 (15122816)
396718.26 3767251.08 37.36222 (15122816) 396758.26
3767251.08 44.47639 (15122816)
396798.26 3767251.08 53.84052 (15122816) 396838.26
3767251.08 65.95217 (15122816)
396878.26 3767251.08 81.04510 (15122816) 396918.26
3767251.08 101.34975 (15122816)
396958.26 3767251.08 116.02040 (15122816) 396998.26
3767251.08 124.14464 (15122816)
397038.26 3767251.08 140.08053 (10011716) 397078.26
3767251.08 168.63530 (15101407)
397118.26 3767251.08 260.07535 (15101407) 397318.26
3767251.08 123.10546 (11091107)
397358.26 3767251.08 86.51267 (12101116) 397398.26
3767251.08 72.89313 (15060901)
397438.26 3767251.08 65.48804 (15101722) 397478.26
3767251.08 53.66083 (16081922)
397518.26 3767251.08 40.81648 (16020618) 397558.26
3767251.08 32.28465 (16020618)
397598.26 3767251.08 25.44413 (16102818) 397638.26
3767251.08 19.75324 (16020517)
397678.26 3767251.08 17.11836 (16020517) 397718.26
3767251.08 14.97028 (16020517)
396558.26 3767291.08 22.74599 (10110120) 396598.26
3767291.08 24.56469 (15122816)
396638.26 3767291.08 28.21628 (15122816) 396678.26
3767291.08 32.13307 (15122816)
396718.26 3767291.08 35.49531 (15122816) 396758.26
3767291.08 40.73932 (15122816)
396798.26 3767291.08 46.62809 (15122816) 396838.26
3767291.08 53.24244 (15122816)
396878.26 3767291.08 66.12553 (11112015) 396918.26
3767291.08 77.97381 (11112015)
396958.26 3767291.08 83.47277 (11112015) 396998.26
3767291.08 79.63007 (10011716)
397038.26 3767291.08 86.13860 (10011716) 397078.26
3767291.08 95.62871 (10011716)
397118.26 3767291.08 130.94124 (10011716) 397158.26
3767291.08 257.59691 (10011716)
397278.26 3767291.08 154.91345 (11091107) 397318.26
3767291.08 112.89283 (11091107)
397358.26 3767291.08 76.38997 (12081201) 397398.26

 3767291.08   70.31620 (12081323)
       397438.26   3767291.08   64.64429 (15021218)   397478.26
 3767291.08   59.29504 (15021218)
       397518.26   3767291.08   52.73279 (15060901)   397558.26
 3767291.08   48.83504 (15060901)
       397598.26   3767291.08   43.69168 (15101722)   397638.26
 3767291.08   30.81481 (16081922)
       397678.26   3767291.08   18.83871 (11070705)   397718.26
 3767291.08   14.71943 (11070705)
       396558.26   3767331.08   29.98417 (15091504)   396598.26
 3767331.08   29.71930 (11092103)
       396638.26   3767331.08   29.87545 (15072005)   396678.26
 3767331.08   28.98041 (15122816)
       396718.26   3767331.08   31.69457 (15122816)   396758.26
 3767331.08   33.95082 (15122816)
       396798.26   3767331.08   37.16146 (11112015)   396838.26
 3767331.08   46.25553 (11112015)
       396878.26   3767331.08   58.53534 (11112015)   396918.26
 3767331.08   63.23790 (11112015)
       396958.26   3767331.08   64.72049 (11112015)   396998.26
 3767331.08   67.22956 (11112015)
       397038.26   3767331.08   76.26868 (10011716)   397078.26
 3767331.08   79.66176 (10011716)
       397118.26   3767331.08   94.04740 (10011716)   397158.26
 3767331.08   139.64153 (10011716)

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: AREA   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF CO   IN MICROGRAMS/M**3
                    **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397198.26	3767331.08	153.94251	(10011716)	397238.26	3767331.08	129.53739	(10011716)
397278.26	3767331.08	118.48038	(11091107)	397318.26	3767331.08	96.62662	(11091107)
397358.26	3767331.08	71.68113	(11091107)	397398.26	3767331.08	64.83555	(16072603)
397438.26	3767331.08	59.87948	(12081201)	397478.26	3767331.08	55.69478	(12081323)
397518.26	3767331.08	51.66348	(15072824)	397558.26	3767331.08	48.70922	(15021218)
397598.26	3767331.08	45.40480	(15021218)	397638.26	3767331.08	40.72748	(15021218)
397678.26	3767331.08	27.93582	(10071704)	397718.26	3767331.08	18.13640	(12062720)
396558.26	3767371.08	29.74154	(10092802)	396598.26	3767371.08	27.72519	(15072005)
396638.26	3767371.08	25.67150	(15072005)	396678.26	3767371.08	23.81442	(15122816)
396718.26	3767371.08	25.87872	(11112015)	396758.26	3767371.08	31.36769	(11112015)
396798.26	3767371.08	37.30026	(11112015)	396838.26	3767371.08	42.70611	(11112015)
396878.26	3767371.08	49.15439	(11112015)	396918.26	3767371.08	52.58239	(11112015)
396958.26	3767371.08	54.14809	(11112015)	396998.26	3767371.08	56.16399	(11112015)
397038.26	3767371.08	64.88491	(10011716)	397078.26	3767371.08	66.37095	(10011716)
397118.26	3767371.08	77.20118	(10011716)	397158.26	3767371.08	95.42335	(10011716)
397198.26	3767371.08	107.82338	(10011716)	397238.26	3767371.08	91.48063	(10011716)
397278.26	3767371.08	73.83726	(11091107)	397318.26	3767371.08	77.07478	(11091107)
397358.26	3767371.08	69.56083	(11091107)	397398.26	3767371.08	59.38397	(15073001)
397438.26	3767371.08	55.55425	(16080924)	397478.26	3767371.08	52.32060	(16072603)
397518.26	3767371.08	49.03333	(16062905)	397558.26	3767371.08	46.42261	(12081201)
397598.26	3767371.08	43.58726	(12081323)	397638.26	3767371.08	40.78385	(15072824)
397678.26	3767371.08	37.78180	(15021218)	397718.26	3767371.08	26.02043	(15072204)
396558.26	3767411.08	28.87150	(15031220)	396598.26	3767411.08	25.21592	(15060920)

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       396638.26   3767411.08       18.94633  (11112015)                396678.26
 3767411.08       23.57827  (11112015)
       396718.26   3767411.08       27.54290  (11112015)                396758.26
 3767411.08       31.31489  (11112015)
       396798.26   3767411.08       34.98030  (11112015)                396838.26
 3767411.08       37.84936  (11112015)
       396878.26   3767411.08       41.32201  (11112015)                396918.26
 3767411.08       43.38751  (11112015)
       396958.26   3767411.08       43.82854  (11112015)                396998.26
 3767411.08       46.36679  (15100921)
       397038.26   3767411.08       52.62019  (10011716)                397078.26
 3767411.08       55.74200  (10011716)
       397118.26   3767411.08       63.19780  (10011716)                397158.26
 3767411.08       79.57171  (10011716)
       397198.26   3767411.08       88.84333  (10011716)                397238.26
 3767411.08       74.62148  (10011716)
       397278.26   3767411.08       58.08812  (10121217)                397318.26
 3767411.08       59.09900  (16092420)
       397358.26   3767411.08       58.23998  (15082721)                397398.26
 3767411.08       54.76459  (12082822)
       397438.26   3767411.08       51.59684  (12100223)                397478.26
 3767411.08       48.98400  (12083102)
       397518.26   3767411.08       46.23916  (16080924)                397558.26
 3767411.08       44.12617  (16072603)
       397598.26   3767411.08       41.72782  (16062905)                397638.26
 3767411.08       39.71129  (12081201)
       397678.26   3767411.08       37.40410  (12081323)                397718.26
 3767411.08       33.65115  (12081323)
       396558.26   3767451.08       26.54224  (15101101)                396598.26
 3767451.08       23.80415  (16020818)
       396638.26   3767451.08       21.54922  (11112015)                396678.26
 3767451.08       25.21260  (11112015)
       396718.26   3767451.08       28.38322  (11112015)                396758.26
 3767451.08       29.42962  (11112015)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  45
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF CO IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396798.26	3767451.08	31.27950	(11112015)	396838.26	3767451.08	32.41242	(11112015)
396878.26	3767451.08	33.69946	(11112015)	396918.26	3767451.08	34.16254	(11112015)
396958.26	3767451.08	36.53806	(15070805)	396998.26	3767451.08	41.76695	(11090622)
397038.26	3767451.08	47.38349	(10011716)	397078.26	3767451.08	51.71819	(10011716)
397118.26	3767451.08	57.36768	(10011716)	397158.26	3767451.08	68.85227	(10011716)
397198.26	3767451.08	74.54799	(10011716)	397238.26	3767451.08	62.94441	(10011716)
397278.26	3767451.08	51.70284	(15081423)	397318.26	3767451.08	51.99349	(15081324)
397358.26	3767451.08	52.11933	(15101622)	397398.26	3767451.08	50.42651	(15082721)
397438.26	3767451.08	48.19178	(12082822)	397478.26	3767451.08	45.89684	(12100223)
397518.26	3767451.08	43.81777	(15073001)	397558.26	3767451.08	41.77160	(12083102)
397598.26	3767451.08	39.98197	(12090503)	397638.26	3767451.08	38.10561	(16072603)
397678.26	3767451.08	36.06326	(16062905)	397718.26	3767451.08	34.19910	(12081201)
396558.26	3767491.08	24.19167	(16020818)	396598.26	3767491.08	22.46077	(16020818)
396638.26	3767491.08	22.90761	(10110320)	396678.26	3767491.08	25.57032	(11112015)
396718.26	3767491.08	27.42225	(11112015)	396758.26	3767491.08	26.69276	(11112015)
396798.26	3767491.08	26.88133	(11112015)	396838.26	3767491.08	26.68540	(11112015)
396878.26	3767491.08	26.20501	(11112015)	396918.26	3767491.08	24.95011	(11112015)
396958.26	3767491.08	31.16170	(10092803)	396998.26	3767491.08	37.56278	(12082102)
397038.26	3767491.08	42.10509	(10011716)	397078.26			

3767491.08 47.38383 (10011716)
  397118.26 3767491.08 52.77298 (10011716) 397158.26
3767491.08 60.74981 (10011716)
  397198.26 3767491.08 63.97713 (10011716) 397238.26
3767491.08 54.36026 (10011716)
  397278.26 3767491.08 47.14703 (15031219) 397318.26
3767491.08 46.55447 (10121217)
  397358.26 3767491.08 46.77661 (15072523) 397398.26
3767491.08 46.90517 (15101622)
  397438.26 3767491.08 45.19444 (15082721) 397478.26
3767491.08 43.03017 (12082822)
  397518.26 3767491.08 41.32213 (15101402) 397558.26
3767491.08 39.71323 (15073001)
  397598.26 3767491.08 38.29011 (12083102) 397638.26
3767491.08 36.47592 (16080924)
  397678.26 3767491.08 34.87583 (12090503) 397718.26
3767491.08 33.11282 (16072603)
  396558.26 3767531.08 24.03810 (12093023) 396598.26
3767531.08 24.37717 (10110320)
  396638.26 3767531.08 27.74488 (10110419) 396678.26
3767531.08 28.20801 (15100920)
  396718.26 3767531.08 24.59087 (11112015) 396758.26
3767531.08 22.69901 (11112015)
  396798.26 3767531.08 22.21257 (11112015) 396838.26
3767531.08 21.25854 (11112015)
  396878.26 3767531.08 19.62409 (11112015) 396918.26
3767531.08 22.33164 (16121116)
  396958.26 3767531.08 25.57599 (16121116) 396998.26
3767531.08 32.93078 (16110919)
  397038.26 3767531.08 38.44839 (15082722) 397078.26
3767531.08 43.87224 (10011716)
  397118.26 3767531.08 48.56978 (10011716) 397158.26
3767531.08 54.01018 (10011716)
  397198.26 3767531.08 55.41471 (10011716) 397238.26
3767531.08 47.31609 (10011716)
  397278.26 3767531.08 43.63077 (15082623) 397318.26
3767531.08 42.46652 (15081423)
  397358.26 3767531.08 41.94645 (10121217) 397398.26
3767531.08 43.31552 (16092420)
  397438.26 3767531.08 41.86464 (15101622) 397478.26
3767531.08 40.42518 (15082721)
  397518.26 3767531.08 38.83055 (15072223) 397558.26
3767531.08 37.76689 (12082822)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397598.26	3767531.08	36.49775	(12100223)	397638.26	3767531.08	34.98609	(15032623)
397678.26	3767531.08	33.53235	(12083102)	397718.26	3767531.08	32.02579	(16080924)
397320.82	3767219.11	136.99932	(16020517)	397330.82	3767209.11	133.70579	(16020517)
397340.82	3767189.11	132.69369	(11102516)	397340.82	3767199.11	126.22016	(16020517)
397340.82	3767209.11	122.06241	(16020517)	397350.82	3767189.11	117.68163	(11102516)
397350.82	3767199.11	115.17312	(16020517)	397360.82	3767189.11	105.29306	(11102516)
397360.82	3767199.11	105.39862	(16020517)	397370.82	3767189.11	95.11899	(16020517)
397380.82	3767189.11	87.14525	(16020517)	396920.42	3767167.32	151.30059	(15122816)
396989.95	3767243.54	142.48172	(15122816)	397044.10	3767223.97	257.52367	(15101407)
397113.57	3767239.93	273.86581	(15101407)	397158.63	3767280.29	247.45065	(10011716)
397168.95	3767307.05	222.02158	(10011716)	397244.05	3767296.72	191.76945	(11091107)
397260.95	3767278.88	191.98880	(11091107)	397409.74	3767205.66	70.72018	(16020517)
397422.89	3767189.23	63.74280	(16020517)	397426.64	3767180.78	60.37987	(16020517)
397420.54	3767170.46	62.27276	(11102516)	397318.68	3767160.13	164.27762	(11102516)

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       397022.98   3767083.62      150.16198  (15101407)               396943.60
 3767192.73      190.04237  (15122816)
       396966.77   3767218.13      190.16573  (15122816)               397017.03
 3767233.75      229.42216  (10011716)
       397078.83   3767231.95      266.95296  (15101407)               397136.10
 3767260.11      257.06904  (10011716)
       397206.50   3767301.88      199.14283  (10011716)               397298.15
 3767260.58      147.85869  (11091107)
       397335.34   3767242.27      107.64130  (12101116)               397372.54
 3767223.96       85.46437  (16020517)
       397386.59   3767167.02       84.84763  (11102516)               397352.63
 3767163.57      123.60080  (11102516)
       397276.44   3767149.20      189.45600  (15101407)               397234.19
 3767138.27      192.49051  (15101407)
       397191.95   3767127.34      202.07714  (15101407)               397149.71
 3767116.41      209.86609  (15101407)
       397107.47   3767105.48      207.30927  (15101407)               397065.22
 3767094.55      190.66244  (15101407)
       396988.79   3767111.52      162.10912  (15101407)               396954.61
 3767139.42      160.50444  (15101407)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:18:19

                                   PAGE  47
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396558.26   3766771.08       19.62008  (11032317)               396598.26
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3766771.08       18.98525  (10020515)
       396638.26   3766771.08       22.24159  (10020515)                396678.26
3766771.08       25.90515  (15013006)
       396718.26   3766771.08       30.21197  (15013006)                396758.26
3766771.08       32.61673  (15090706)
       396798.26   3766771.08       34.29640  (16050618)                396838.26
3766771.08       37.55407  (12112007)
       396878.26   3766771.08       39.54510  (16101006)                396918.26
3766771.08       43.53234  (16110106)
       396958.26   3766771.08       45.47748  (16091506)                396998.26
3766771.08       46.68694  (16011808)
       397038.26   3766771.08       47.97698  (16092906)                397078.26
3766771.08       47.97867  (16092906)
       397118.26   3766771.08       45.11118  (16122907)                397158.26
3766771.08       41.30514  (16122907)
       397198.26   3766771.08       44.74186  (10123106)                397238.26
3766771.08       42.92630  (10123106)
       397278.26   3766771.08       47.95844  (10042206)                397318.26
3766771.08       48.91863  (12122608)
       397358.26   3766771.08       50.29855  (10012706)                397398.26
3766771.08       52.78949  (10012706)
       397438.26   3766771.08       49.36581  (10012706)                397478.26
3766771.08       45.57120  (12020606)
       397518.26   3766771.08       43.83057  (12020606)                397558.26
3766771.08       39.20959  (12020606)
       397598.26   3766771.08       37.45170  (10111106)                397638.26
3766771.08       34.16296  (10111106)
       397678.26   3766771.08       29.69302  (10111106)                397718.26
3766771.08       25.81021  (10040206)
       396558.26   3766811.08       24.30268  (11032317)                396598.26
3766811.08       24.36164  (11032317)
       396638.26   3766811.08       24.09121  (11032317)                396678.26
3766811.08       26.83252  (12103106)
       396718.26   3766811.08       30.90315  (15013006)                396758.26
3766811.08       33.94684  (15013006)
       396798.26   3766811.08       36.79281  (15090706)                396838.26
3766811.08       39.81395  (12112007)
       396878.26   3766811.08       43.54326  (12112007)                396918.26
3766811.08       46.04842  (16110106)
       396958.26   3766811.08       50.50822  (16110106)                396998.26
3766811.08       50.97102  (16092306)
       397038.26   3766811.08       52.22134  (16092906)                397078.26
3766811.08       53.12176  (16092906)
       397118.26   3766811.08       50.74473  (16122907)                397158.26
3766811.08       48.22396  (10112206)
       397198.26   3766811.08       51.02471  (10123106)                397238.26
3766811.08       49.93776  (10042206)
       397278.26   3766811.08       54.15267  (10042206)                397318.26
3766811.08       54.24747  (10012706)
       397358.26   3766811.08       58.95853  (10012706)                397398.26
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 3766811.08       56.96247  (10012706)
       397438.26   3766811.08       52.51007  (12020606)                397478.26
 3766811.08       50.93283  (12020606)
       397518.26   3766811.08       46.08242  (10111106)                397558.26
 3766811.08       44.30032  (10111106)
       397598.26   3766811.08       40.15234  (10111106)                397638.26
 3766811.08       34.68281  (10111106)
       397678.26   3766811.08       31.76910  (10040206)                397718.26
 3766811.08       28.63585  (10040206)
       396558.26   3766851.08       28.38467  (11032317)                396598.26
 3766851.08       29.66361  (11032317)
       396638.26   3766851.08       30.28625  (11032317)                396678.26
 3766851.08       29.83893  (11032317)
       396718.26   3766851.08       30.73259  (15100706)                396758.26
 3766851.08       34.64969  (15013006)
       396798.26   3766851.08       39.60280  (15013006)                396838.26
 3766851.08       43.00598  (15090706)
       396878.26   3766851.08       47.29515  (12112007)                396918.26
 3766851.08       50.45068  (16101006)
       396958.26   3766851.08       54.71959  (16110106)                396998.26
 3766851.08       56.44928  (16092306)
       397038.26   3766851.08       57.09429  (16011808)                397078.26
 3766851.08       59.06059  (16092906)
       397118.26   3766851.08       56.64033  (16122907)                397158.26
 3766851.08       55.72698  (10112206)
       397198.26   3766851.08       57.16492  (10123106)                397238.26
 3766851.08       62.01237  (10042206)
       397278.26   3766851.08       61.59654  (12122608)                397318.26
 3766851.08       65.44030  (10012706)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  48
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397358.26	3766851.08	64.75566	(10012706)	397398.26	3766851.08	59.89588	(12020606)
397438.26	3766851.08	58.47751	(12020606)	397478.26	3766851.08	54.00540	(10111106)
397518.26	3766851.08	51.63316	(10111106)	397558.26	3766851.08	46.40648	(10111106)
397598.26	3766851.08	41.11856	(10040206)	397638.26	3766851.08	38.08020	(10040206)
397678.26	3766851.08	34.68317	(16091906)	397718.26	3766851.08	30.88362	(15122506)
396558.26	3766891.08	30.68555	(11032317)	396598.26	3766891.08	33.61158	(11032317)
396638.26	3766891.08	36.11561	(11032317)	396678.26	3766891.08	37.68239	(11032317)
396718.26	3766891.08	36.95174	(11032317)	396758.26	3766891.08	36.41111	(15100706)
396798.26	3766891.08	40.77550	(15013006)	396838.26	3766891.08	46.60319	(15013006)
396878.26	3766891.08	50.66307	(15090706)	396918.26	3766891.08	54.68371	(12112007)
396958.26	3766891.08	57.71511	(16101006)	396998.26	3766891.08	62.43777	(16110106)
397038.26	3766891.08	62.97003	(16011808)	397078.26	3766891.08	66.75908	(16092906)
397118.26	3766891.08	63.60363	(16122907)	397158.26	3766891.08	63.60803	(10123106)
397198.26	3766891.08	66.85577	(10042206)	397238.26	3766891.08	72.54931	(10042206)
397278.26	3766891.08	77.07583	(10012706)	397318.26	3766891.08	78.02225	(10012706)
397358.26	3766891.08	69.95275	(12020606)	397398.26	3766891.08	66.65581	(12020606)
397438.26	3766891.08	62.38184	(10111106)	397478.26	3766891.08	59.15636	(10111106)
397518.26	3766891.08	52.77013	(10111106)	397558.26	3766891.08	48.87935	(10040206)
397598.26	3766891.08	45.14988	(16091906)	397638.26	3766891.08	40.94405	(16091906)
397678.26	3766891.08	36.90711	(10032606)	397718.26	3766891.08	33.04530	(10011407)
396558.26	3766931.08	30.49813	(11032317)	396598.26	3766931.08	35.04170	(11032317)

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       396638.26   3766931.08       39.84491  (11032317)                396678.26
 3766931.08       43.44187  (11032317)
       396718.26   3766931.08       45.81227  (11032317)                396758.26
 3766931.08       45.67181  (11032317)
       396798.26   3766931.08       43.41635  (15100706)                396838.26
 3766931.08       47.96434  (15013006)
       396878.26   3766931.08       54.81060  (15013006)                396918.26
 3766931.08       58.87060  (15090706)
       396958.26   3766931.08       64.19167  (12112007)                396998.26
 3766931.08       69.71506  (16110106)
       397038.26   3766931.08       72.64620  (16011808)                397078.26
 3766931.08       77.50217  (16092906)
       397118.26   3766931.08       73.87396  (15122508)                397158.26
 3766931.08       78.52127  (10123106)
       397198.26   3766931.08       84.10651  (10042206)                397238.26
 3766931.08       87.65884  (10012706)
       397278.26   3766931.08       90.60701  (10012706)                397318.26
 3766931.08       83.45925  (12020606)
       397358.26   3766931.08       81.08287  (12020606)                397398.26
 3766931.08       75.31997  (10111106)
       397438.26   3766931.08       68.01562  (10111106)                397478.26
 3766931.08       60.85371  (10040206)
       397518.26   3766931.08       57.35901  (16091906)                397558.26
 3766931.08       52.77297  (16091906)
       397598.26   3766931.08       47.99532  (10032606)                397638.26
 3766931.08       43.46052  (10011407)
       397678.26   3766931.08       38.56138  (10011407)                397718.26
 3766931.08       33.57743  (10011407)
       396558.26   3766971.08       26.55003  (11032317)                396598.26
 3766971.08       32.00617  (11032317)
       396638.26   3766971.08       39.05172  (11032317)                396678.26
 3766971.08       45.17305  (11032317)
       396718.26   3766971.08       50.79971  (11032317)                396758.26
 3766971.08       54.81899  (11032317)
       396798.26   3766971.08       56.23688  (11032317)                396838.26
 3766971.08       54.69440  (11032317)
       396878.26   3766971.08       57.03866  (15013006)                396918.26
 3766971.08       65.75526  (15013006)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

                                   PAGE  49
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
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                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        396958.26   3766971.08       71.57374  (12112007)               396998.26
 3766971.08       79.26187  (16110106)
        397038.26   3766971.08       86.38685  (16091506)               397078.26
 3766971.08       91.86367  (16092906)
        397118.26   3766971.08       90.29027  (15122508)               397158.26
 3766971.08       98.38813  (16122307)
        397198.26   3766971.08      119.98205  (12020606)               397238.26
 3766971.08      108.59848  (10012706)
        397278.26   3766971.08       98.95858  (10012706)               397318.26
 3766971.08       93.46316  (12020606)
        397358.26   3766971.08       85.31719  (10111106)               397398.26
 3766971.08       78.25938  (10111106)
        397438.26   3766971.08       73.11381  (10040206)               397478.26
 3766971.08       67.36205  (16091906)
        397518.26   3766971.08       61.36557  (10032606)               397558.26
 3766971.08       55.81288  (10011407)
        397598.26   3766971.08       49.81196  (10011407)               397638.26
 3766971.08       43.31416  (10011407)
        397678.26   3766971.08       38.11279  (10022418)               397718.26
 3766971.08       34.60692  (10022418)
        396558.26   3767011.08       22.63433  (10100510)               396598.26
 3767011.08       25.93631  (11032317)
        396638.26   3767011.08       32.71672  (11032317)               396678.26
 3767011.08       40.81252  (11032317)
        396718.26   3767011.08       49.50815  (11032317)               396758.26
 3767011.08       57.76570  (11032317)
        396798.26   3767011.08       64.99616  (11032317)               396838.26
 3767011.08       70.15440  (11032317)
        396878.26   3767011.08       70.98477  (11032317)               396918.26
 3767011.08       71.32486  (15100706)
        396958.26   3767011.08       83.09439  (15013006)               396998.26
 3767011.08       93.83240  (12112007)
        397038.26   3767011.08      104.58879  (16110106)               397078.26
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 3767011.08      123.13115  (16122017)
       397118.26   3767011.08      162.87753  (10042206)                397158.26
 3767011.08      185.52073  (10020206)
       397198.26   3767011.08      200.77038  (10012706)                397238.26
 3767011.08      194.18733  (12020606)
       397278.26   3767011.08      129.63009  (10040206)                397318.26
 3767011.08      103.31977  (10111106)
       397358.26   3767011.08       89.41567  (10020806)                397398.26
 3767011.08       86.16922  (16091906)
       397438.26   3767011.08       77.63505  (10032606)                397478.26
 3767011.08       71.17304  (10011407)
       397518.26   3767011.08       63.17569  (10011407)                397558.26
 3767011.08       55.18044  (11020807)
       397598.26   3767011.08       50.25612  (10022418)                397638.26
 3767011.08       45.17737  (10022418)
       397678.26   3767011.08       40.36172  (12122718)                397718.26
 3767011.08       36.41783  (12122718)
       396558.26   3767051.08       22.88793  (10100510)                396598.26
 3767051.08       26.09307  (10100510)
       396638.26   3767051.08       29.56147  (10100510)                396678.26
 3767051.08       33.49450  (10100510)
       396718.26   3767051.08       39.90280  (11032317)                396758.26
 3767051.08       51.77552  (11032317)
       396798.26   3767051.08       64.30476  (11032317)                396838.26
 3767051.08       77.50074  (11032317)
       396878.26   3767051.08       89.91808  (11032317)                396918.26
 3767051.08       98.01868  (11032317)
       396958.26   3767051.08       98.02197  (11032317)                396998.26
 3767051.08      123.53029  (12112007)
       397038.26   3767051.08      187.52799  (16110106)                397078.26
 3767051.08      206.69648  (16122108)
       397118.26   3767051.08      230.46341  (10123106)                397158.26
 3767051.08      196.48998  (10042206)
       397198.26   3767051.08      202.52497  (10020206)                397238.26
 3767051.08      182.55751  (12020606)
       397278.26   3767051.08      192.55643  (10032606)                397318.26
 3767051.08      144.67855  (15111018)
       397358.26   3767051.08       98.95821  (10032606)                397398.26
 3767051.08       90.01099  (11030907)
       397438.26   3767051.08       78.07798  (10011407)                397478.26
 3767051.08       71.35270  (10022418)
       397518.26   3767051.08       64.82937  (10022418)                397558.26
 3767051.08       58.95216  (12122718)
       397598.26   3767051.08       53.09303  (12122718)                397638.26
 3767051.08       47.12609  (12122718)
       397678.26   3767051.08       41.41325  (12122718)                397718.26
 3767051.08       36.13451  (12122718)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3767091.08	22.25094	(10112415)	396598.26	3767091.08	25.20266	(10021911)
396638.26	3767091.08	28.66272	(10021911)	396678.26	3767091.08	32.86612	(10100510)
396718.26	3767091.08	38.37389	(10100510)	396758.26	3767091.08	44.36056	(10100510)
396798.26	3767091.08	52.13103	(12031208)	396838.26	3767091.08	70.37408	(11032317)
396878.26	3767091.08	94.44405	(11032317)	396918.26	3767091.08	120.28362	(11032317)
396958.26	3767091.08	144.45820	(11032317)	396998.26	3767091.08	205.51075	(12021618)
397078.26	3767091.08	207.95914	(15122508)	397118.26	3767091.08	231.95255	(15122508)
397158.26	3767091.08	213.27093	(12122608)	397198.26	3767091.08	204.66551	(11011017)
397238.26	3767091.08	196.74782	(10111106)	397278.26	3767091.08	180.00887	(10112206)
397318.26	3767091.08	148.62632	(15122507)	397358.26	3767091.08	104.41390	(10022418)
397398.26	3767091.08	90.80704	(10010506)	397438.26	3767091.08	83.73225	(15121418)
397478.26	3767091.08	77.61957	(12122718)	397518.26	3767091.08	67.47558	(15121418)

397558.26 3767091.08 60.14943 (15121418) 397598.26 3767091.08 51.12832 (12091206)
397638.26 3767091.08 46.23309 (12091206) 397678.26 3767091.08 41.05589 (12091206)
397718.26 3767091.08 36.18036 (12091206) 396558.26 3767131.08 23.19114 (10112415)
396598.26 3767131.08 26.31170 (10112415) 396638.26 3767131.08 29.76368 (10112415)
396678.26 3767131.08 33.32848 (10112415) 396718.26 3767131.08 37.65183 (10112415)
396758.26 3767131.08 42.88380 (10112415) 396798.26 3767131.08 49.48954 (10021911)
396838.26 3767131.08 59.37995 (10021911) 396878.26 3767131.08 76.75598 (12031208)
396918.26 3767131.08 120.83161 (11032317) 396958.26 3767131.08 178.28394 (11032317)
397238.26 3767131.08 197.39176 (10011407) 397278.26 3767131.08 187.06605 (10123106)
397318.26 3767131.08 154.62848 (10010407) 397358.26 3767131.08 123.42660 (12091206)
397398.26 3767131.08 99.29047 (15121418) 397438.26 3767131.08 86.88342 (15121418)
397478.26 3767131.08 86.35993 (15120217) 397518.26 3767131.08 74.84893 (15120217)
397558.26 3767131.08 65.29232 (10012907) 397598.26 3767131.08 55.34772 (10012907)
397638.26 3767131.08 46.19933 (16022406) 397678.26 3767131.08 40.78169 (16022406)
397718.26 3767131.08 35.70240 (16022406) 396558.26 3767171.08 25.10818 (10100509)
396598.26 3767171.08 28.17680 (10100509) 396638.26 3767171.08 31.66775 (10100509)
396678.26 3767171.08 35.05563 (10100509) 396718.26 3767171.08 38.70769 (10100509)
396758.26 3767171.08 43.64868 (10100509) 396798.26 3767171.08 50.26331 (10100509)
396838.26 3767171.08 64.14321 (15122816) 396878.26 3767171.08 92.96542 (15122816)
396918.26 3767171.08 150.92554 (15122816) 397438.26 3767171.08 94.03023 (15030518)
397478.26 3767171.08 82.31611 (10012907) 397518.26 3767171.08 69.14449 (15030518)
397558.26 3767171.08 58.55264 (15030518) 397598.26 3767171.08 49.42330 (15030518)
397638.26 3767171.08 43.48543 (12110707) 397678.26 3767171.08 38.47501 (12110707)
397718.26 3767171.08 33.93867 (12110707) 396558.26 3767211.08 25.20558 (10100509)
396598.26 3767211.08 28.33626 (10100509) 396638.26 3767211.08 31.77445 (10100509)

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CO   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       396918.26   3767211.08   136.88499 (15122816)   396958.26
 3767211.08   195.56186 (15122816)
       397438.26   3767211.08   112.97832 (16022418)   397478.26
 3767211.08   96.90679 (16022418)
       397518.26   3767211.08   74.58786 (16022418)   397558.26
 3767211.08   59.29931 (11022806)
       397598.26   3767211.08   48.83493 (16022418)   397638.26
 3767211.08   43.51122 (16022418)
       397678.26   3767211.08   38.59070 (16022418)   397718.26
 3767211.08   34.13987 (16022418)
       396558.26   3767251.08   28.19119 (11022515)   396598.26
 3767251.08   31.72501 (11022515)
       396638.26   3767251.08   35.54614 (11022515)   396678.26
 3767251.08   39.70804 (11022515)
       396718.26   3767251.08   43.59930 (11022515)   396758.26

3767251.08 47.53813 (11022515)
396798.26 3767251.08 55.31005 (15122816) 396838.26
3767251.08 67.46338 (15122816)
396878.26 3767251.08 82.60826 (15122816) 396918.26
3767251.08 102.85627 (15122816)
396958.26 3767251.08 117.36048 (15122816) 396998.26
3767251.08 152.55974 (16022407)
397038.26 3767251.08 140.08053 (10011716) 397078.26
3767251.08 169.07172 (15101407)
397118.26 3767251.08 260.39096 (15101407) 397318.26
3767251.08 180.87715 (12101116)
397358.26 3767251.08 136.12438 (12120407) 397398.26
3767251.08 124.57021 (12120407)
397438.26 3767251.08 112.06201 (12120407) 397478.26
3767251.08 100.47578 (12120407)
397518.26 3767251.08 83.89821 (12120407) 397558.26
3767251.08 71.07687 (12120407)
397598.26 3767251.08 58.22236 (11120617) 397638.26
3767251.08 46.42454 (11022806)
397678.26 3767251.08 40.16254 (11022806) 397718.26
3767251.08 34.86981 (10110407)
396558.26 3767291.08 39.68323 (10101406) 396598.26
3767291.08 36.31794 (11112506)
396638.26 3767291.08 38.73380 (11022515) 396678.26
3767291.08 41.95538 (11022515)
396718.26 3767291.08 44.18527 (11022515) 396758.26
3767291.08 45.82292 (11022515)
396798.26 3767291.08 49.08496 (11022515) 396838.26
3767291.08 54.69683 (15122816)
396878.26 3767291.08 66.12553 (11112015) 396918.26
3767291.08 85.76487 (12080306)
396958.26 3767291.08 96.66713 (12022007) 396998.26
3767291.08 108.71862 (11081906)
397038.26 3767291.08 116.88215 (16020818) 397078.26
3767291.08 141.50954 (15101606)
397118.26 3767291.08 131.29376 (10121311) 397158.26
3767291.08 257.59691 (10011716)
397278.26 3767291.08 168.84362 (11112817) 397318.26
3767291.08 149.44678 (15012218)
397358.26 3767291.08 128.12370 (10112518) 397398.26
3767291.08 113.51015 (11101218)
397438.26 3767291.08 101.52667 (11110718) 397478.26
3767291.08 92.61122 (10021207)
397518.26 3767291.08 84.12721 (12120407) 397558.26
3767291.08 78.20936 (12120407)
397598.26 3767291.08 72.52814 (12120407) 397638.26
3767291.08 61.25497 (12120407)
397678.26 3767291.08 43.74652 (12120407) 397718.26
3767291.08 35.59496 (11020206)
396558.26 3767331.08 45.37213 (16022407) 396598.26

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 3767331.08       48.17775  (11011706)
       396638.26   3767331.08       50.19524  (11011706)                396678.26
 3767331.08       43.04754  (16010508)
       396718.26   3767331.08       39.26095  (11022515)                396758.26
 3767331.08       40.79524  (10101916)
       396798.26   3767331.08       44.23610  (10101916)                396838.26
 3767331.08       47.53630  (10101916)
       396878.26   3767331.08       61.07888  (12080306)                396918.26
 3767331.08       75.00323  (12080306)
       396958.26   3767331.08       82.22229  (16020818)                396998.26
 3767331.08       86.55731  (12032306)
       397038.26   3767331.08       94.71666  (11081906)                397078.26
 3767331.08      120.98807  (15101606)
       397118.26   3767331.08      157.33471  (15121618)                397158.26
 3767331.08      179.07201  (12082906)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  52
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       397198.26   3767331.08      186.65019  (12010518)                397238.26
 3767331.08      177.84481  (12101618)
       397278.26   3767331.08      159.64401  (15100918)                397318.26
 3767331.08      127.73039  (12091106)
       397358.26   3767331.08      114.24994  (12091706)                397398.26
 3767331.08      104.59548  (10102018)
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       397438.26   3767331.08       96.71592  (10112518)                397478.26
3767331.08       88.26366  (15021906)
       397518.26   3767331.08       79.72401  (11101218)                397558.26
3767331.08       73.49504  (11110718)
       397598.26   3767331.08       67.60989  (10021207)                397638.26
3767331.08       61.89591  (11022306)
       397678.26   3767331.08       51.10176  (12120407)                397718.26
3767331.08       39.01525  (11021506)
       396558.26   3767371.08       44.64509  (16091306)                396598.26
3767371.08       44.06037  (16011806)
       396638.26   3767371.08       43.91001  (15022007)                396678.26
3767371.08       36.56378  (15012607)
       396718.26   3767371.08       39.24059  (10101916)                396758.26
3767371.08       40.71150  (10101916)
       396798.26   3767371.08       40.55963  (10101916)                396838.26
3767371.08       43.58098  (12111516)
       396878.26   3767371.08       49.15439  (11112015)                396918.26
3767371.08       62.05810  (15102807)
       396958.26   3767371.08       71.44435  (12032306)                396998.26
3767371.08       73.94617  (12032306)
       397038.26   3767371.08       73.51869  (16092206)                397078.26
3767371.08       90.48094  (15101606)
       397118.26   3767371.08      108.29258  (15121618)                397158.26
3767371.08      137.71734  (11120718)
       397198.26   3767371.08      138.72539  (10093006)                397238.26
3767371.08      126.46126  (10112517)
       397278.26   3767371.08      123.20639  (12101618)                397318.26
3767371.08      114.40360  (11011418)
       397358.26   3767371.08      103.91576  (12091106)                397398.26
3767371.08       96.99676  (15012218)
       397438.26   3767371.08       89.86771  (12091706)                397478.26
3767371.08       82.44094  (10102018)
       397518.26   3767371.08       76.22700  (10112518)                397558.26
3767371.08       70.95583  (10112518)
       397598.26   3767371.08       65.33172  (15021906)                397638.26
3767371.08       59.66433  (11110718)
       397678.26   3767371.08       55.24593  (11110718)                397718.26
3767371.08       45.95465  (10021207)
       396558.26   3767411.08       41.88038  (15022007)                396598.26
3767411.08       40.96091  (15022007)
       396638.26   3767411.08       35.62099  (12080306)                396678.26
3767411.08       34.51153  (10101916)
       396718.26   3767411.08       35.27487  (10101916)                396758.26
3767411.08       36.93635  (12111516)
       396798.26   3767411.08       38.87756  (12111516)                396838.26
3767411.08       39.42452  (12111516)
       396878.26   3767411.08       41.85583  (15051307)                396918.26
3767411.08       50.42841  (15102807)
       396958.26   3767411.08       61.01486  (12032306)                396998.26
3767411.08       65.10571  (16092206)
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       397038.26   3767411.08       64.30287  (16092206)               397078.26
 3767411.08       77.90427  (15101606)
       397118.26   3767411.08       88.38324  (15101606)               397158.26
 3767411.08      101.39206  (15121618)
       397198.26   3767411.08      106.25420  (11120718)               397238.26
 3767411.08      110.66321  (16101918)
       397278.26   3767411.08      108.04395  (10093006)               397318.26
 3767411.08      107.21634  (11011418)
       397358.26   3767411.08       99.55301  (11011418)               397398.26
 3767411.08       88.01008  (12120418)
       397438.26   3767411.08       83.33463  (12091106)               397478.26
 3767411.08       78.11102  (15012218)
       397518.26   3767411.08       72.68220  (12091706)               397558.26
 3767411.08       67.29070  (10102018)
       397598.26   3767411.08       62.56322  (10102018)               397638.26
 3767411.08       58.21160  (10112518)
       397678.26   3767411.08       53.71431  (15021906)               397718.26
 3767411.08       48.74138  (15021906)
       396558.26   3767451.08       39.95303  (11081906)               396598.26
 3767451.08       37.85218  (12022007)
       396638.26   3767451.08       33.84001  (12080306)               396678.26
 3767451.08       31.40135  (12080306)
       396718.26   3767451.08       32.90852  (12111516)               396758.26
 3767451.08       34.32557  (12111516)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  53
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF CO       IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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 3767491.08       68.16045  (12111518)
       397518.26   3767491.08       63.96149  (12081406)                397558.26
 3767491.08       60.89096  (12101518)
       397598.26   3767491.08       57.39314  (15012218)                397638.26
 3767491.08       53.31822  (12091706)
       397678.26   3767491.08       49.90697  (12091706)                397718.26
 3767491.08       46.22469  (10102018)
       396558.26   3767531.08       35.10268  (16020818)                396598.26
 3767531.08       36.57445  (12121218)
       396638.26   3767531.08       39.44155  (12032306)                396678.26
 3767531.08       41.73930  (12032306)
       396718.26   3767531.08       37.70904  (12032306)                396758.26
 3767531.08       29.62368  (15051307)
       396798.26   3767531.08       30.78694  (15051307)                396838.26
 3767531.08       31.45189  (10040918)
       396878.26   3767531.08       36.17859  (10122316)                396918.26
 3767531.08       39.27359  (10122316)
       396958.26   3767531.08       39.69954  (10122316)                396998.26
 3767531.08       44.47559  (15031906)
       397038.26   3767531.08       44.97061  (15031906)                397078.26
 3767531.08       54.02771  (15101606)
       397118.26   3767531.08       63.92318  (15101606)                397158.26
 3767531.08       67.58408  (15121618)
       397198.26   3767531.08       75.64288  (15121618)                397238.26
 3767531.08       76.53174  (12121018)
       397278.26   3767531.08       78.37023  (11120718)                397318.26
 3767531.08       78.82518  (16101918)
       397358.26   3767531.08       77.55255  (10093006)                397398.26
 3767531.08       77.47135  (10093006)
       397438.26   3767531.08       75.21867  (11011418)                397478.26
 3767531.08       68.68044  (11011418)
       397518.26   3767531.08       61.02747  (12111518)                397558.26
 3767531.08       56.66124  (12081406)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  54
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                      INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
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, L0000024 , L0000025 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397598.26	3767531.08	54.14242	(12101518)	397638.26	3767531.08	50.60603	(15012218)
397678.26	3767531.08	47.63099	(15012218)	397718.26	3767531.08	44.47349	(12091706)
397320.82	3767219.11	191.24825	(16022418)	397330.82	3767209.11	179.09937	(12110707)
397340.82	3767189.11	197.77626	(16022406)	397340.82	3767199.11	182.86421	(16022406)
397340.82	3767209.11	176.54419	(16022418)	397350.82	3767189.11	183.21776	(16022406)
397350.82	3767199.11	179.57142	(16022418)	397360.82	3767189.11	156.39442	(16022406)
397360.82	3767199.11	148.33950	(16022406)	397370.82	3767189.11	115.43551	(16022406)
397380.82	3767189.11	104.37453	(16022418)	396920.42	3767167.32	151.90816	(15122816)
396989.95	3767243.54	151.54568	(10101406)	397044.10	3767223.97	257.91946	(15101407)
397113.57	3767239.93	274.17148	(15101407)	397158.63	3767280.29	247.45065	(10011716)
397168.95	3767307.05	222.02158	(10011716)	397244.05	3767296.72	191.76945	(11091107)
397260.95	3767278.88	191.98880	(11091107)	397409.74	3767205.66	109.32285	(16022418)
397422.89	3767189.23	98.63045	(15030518)	397426.64	3767180.78	98.05584	(15030518)
397420.54	3767170.46	98.24011	(15030518)	397318.68	3767160.13	167.12402	(11102516)
397022.98	3767083.62	211.84549	(12102406)	396943.60	3767192.73	190.99735	(15122816)
396966.77	3767218.13	191.31376	(15122816)	397017.03	3767233.75	229.42216	(10011716)
397078.83	3767231.95	267.32503	(15101407)	397136.10	3767260.11	257.06904	(10011716)
397206.50	3767301.88	199.14283	(10011716)	397298.15	3767260.58	186.31086	(12101116)
397335.34	3767242.27	162.59789	(11021506)	397372.54	3767223.96	123.21762	(11022806)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3766771.08	12.27193	(16012807)	396598.26	3766771.08	14.09738	(16012807)
396638.26	3766771.08	17.06214	(15100706)	396678.26	3766771.08	21.03225	(12021618)
396718.26	3766771.08	25.00535	(16010806)	396758.26	3766771.08	26.89804	(12111406)
396798.26	3766771.08	27.72483	(16122017)	396838.26	3766771.08	30.54188	(16040106)
396878.26	3766771.08	32.61541	(12013107)	396918.26	3766771.08	34.05754	(16122306)
396958.26	3766771.08	37.75863	(12111407)	396998.26	3766771.08	37.46064	(12022906)
397038.26	3766771.08	36.56093	(15031106)	397078.26	3766771.08	35.72163	(16091406)
397118.26	3766771.08	33.03892	(15122508)	397158.26	3766771.08	32.00271	(16030107)
397198.26	3766771.08	28.06318	(16092906)	397238.26	3766771.08	25.47126	(10011407)
397276.44	3766771.08	20.45981	(12122718)	397234.19	3766771.08	22.34611	(10020206)
397191.95	3766771.08	21.14222	(10111106)	397149.71	3766771.08	26.19738	(15122508)
397107.47	3766771.08	21.08837	(16111406)	397065.22	3766771.08	19.12685	(16102606)
396988.79	3766771.08	17.65787	(11032317)	396954.61	3766771.08	16.75174	(15030518)
397386.59	3766771.08	17.34558	(12091206)	397352.63	3766771.08	14.45981	(12122718)
397320.74	3766771.08	13.14222	(10111106)	397287.30	3766771.08	12.08837	(16111406)
397254.85	3766771.08	11.65787	(11032317)	397221.41	3766771.08	11.34558	(12091206)
397189.41	3766771.08	10.25174	(15030518)	397155.52	3766771.08	9.19738	(16102606)
397123.63	3766771.08	8.14222	(10111106)	397089.74	3766771.08	7.08837	(16111406)
397057.85	3766771.08	6.34558	(12091206)	397025.96	3766771.08	5.45981	(12122718)
396992.07	3766771.08	4.65787	(11032317)	396958.18	3766771.08	4.25174	(15030518)
396924.29	3766771.08	3.74483	(16122017)	396890.40	3766771.08	3.34222	(10111106)
396856.51	3766771.08	2.94804	(12111406)	396822.62	3766771.08	2.65787	(11032317)
396788.73	3766771.08	2.34558	(12091206)	396754.84	3766771.08	2.05174	(15030518)
396720.95	3766771.08	1.74483	(16122017)	396687.06	3766771.08	1.54222	(10111106)
396653.17	3766771.08	1.34804	(12111406)	396619.28	3766771.08	1.25787	(11032317)
396585.39	3766771.08	1.14558	(12091206)	396551.50	3766771.08	1.05174	(15030518)
396517.61	3766771.08	.94483	(16122017)	396483.72	3766771.08	.84222	(10111106)
396449.83	3766771.08	.74804	(12111406)	396415.94	3766771.08	.65787	(11032317)
396382.05	3766771.08	.64558	(12091206)	396348.16	3766771.08	.55174	(15030518)
396314.27	3766771.08	.54483	(16122017)	396280.38	3766771.08	.54222	(10111106)
396246.49	3766771.08	.54804	(12111406)	396212.60	3766771.08	.55787	(11032317)
396178.71	3766771.08	.64558	(12091206)	396144.82	3766771.08	.65174	(15030518)
396110.93	3766771.08	.74483	(16122017)	396077.04	3766771.08	.84222	(10111106)
396043.15	3766771.08	.94804	(12111406)	396009.26	3766771.08	1.05787	(11032317)
395975.37	3766771.08	1.14558	(12091206)	395941.48	3766771.08	1.25174	(15030518)
395907.59	3766771.08	1.34483	(16122017)	395873.70	3766771.08	1.54222	(10111106)
395839.81	3766771.08	1.74804	(12111406)	395805.92	3766771.08	1.95787	(11032317)
395772.03	3766771.08	2.14558	(12091206)	395738.14	3766771.08	2.45174	(15030518)
395704.25	3766771.08	2.74483	(16122017)	395670.36	3766771.08	3.14222	(10111106)
395636.47	3766771.08	3.54804	(12111406)	395602.58	3766771.08	3.95787	(11032317)
395568.69	3766771.08	4.34558	(12091206)	395534.80	3766771.08	4.85174	(15030518)
395500.91	3766771.08	5.34483	(16122017)	395467.02	3766771.08	5.94222	(10111106)
395433.13	3766771.08	6.54804	(12111406)	395399.24	3766771.08	7.25787	(11032317)
395365.35	3766771.08	7.94558	(12091206)	395331.46	3766771.08	8.75174	(15030518)
395297.57	3766771.08	9.64483	(16122017)	395263.68	3766771.08	10.64222	(10111106)
395229.79	3766771.08	11.74804	(12111406)	395195.90	3766771.08	12.95787	(11032317)
395162.01	3766771.08	14.24558	(12091206)	395128.12	3766771.08	15.65174	(15030518)
395094.23	3766771.08	17.14483	(16122017)	395060.34	3766771.08	18.74222	(10111106)
395026.45	3766771.08	20.44804	(12111406)	394992.56	3766771.08	22.25787	(11032317)
394958.67	3766771.08	24.14558	(12091206)	394924.78	3766771.08	26.15174	(15030518)
394890.89	3766771.08	28.24483	(16122017)	394857.00	3766771.08	30.44222	(10111106)
394823.11	3766771.08	32.74804	(12111406)	394789.22	3766771.08	35.15787	(11032317)
394755.33	3766771.08	37.64558	(12091206)	394721.44	3766771.08	40.25174	(15030518)
394687.55	3766771.08	42.94483	(16122017)	394653.66	3766771.08	45.74222	(10111106)
394619.77	3766771.08	48.64804	(12111406)	394585.88	3766771.08	51.65787	(11032317)
394551.99	3766771.08	54.74558	(12091206)	394518.10	3766771.08	57.95174	(15030518)
394484.21	3766771.08	61.24483	(16122017)	394450.32	3766771.08	64.64222	(10111106)
394416.43	3766771.08	68.14804	(12111406)	394382.54	3766771.08	71.75787	(11032317)
394348.65	3766771.08	75.44558	(12091206)	394314.76	3766771.08	79.25174	(15030518)
394280.87	3766771.08	83.14483	(16122017)	394246.98	3766771.08	87.14222	(10111106)
394213.09	3766771.08	91.24804	(12111406)	394179.20	3766771.08	95.45787	(11032317)
394145.31	3766771.08	99.74558	(12091206)	394111.42	3766771.08	104.15174	(15030518)
394077.53	3766771.08	108.64483	(16122017)	394043.64	3766771.08	113.24222	(10111106)
394009.75	3766771.08	117.94804	(12111406)	393975.86	3766771.08	122.75787	(11032317)
393941.97	3766771.08	127.64558	(12091206)	393908.08	3766771.08	132.65174	(15030518)
393874.19	3766771.08	137.74483	(16122017)	393840.30	3766771.08	142.94222	(10111106)
393806.41	3766771.08	148.24804	(12111406)	393772.52	3766771.08	153.65787	(11032317)
393738.63	3766771.08	159.14558	(12091206)	393704.74	3766771.08	164.75174	(15030518)
393670.85	3766771.08	170.44483	(16122017)	393636.96	3766771.08	176.24222	(10111106)
393603.07	3766771.08	182.14804	(12111406)	393569.18	3766771.08	188.15787	(11032317)
393535.29	3766771.08	194.24558	(12091206)	393501.40	3766771.08	200.45174	(15030518)
393467.51	3766771.08	206.74483	(16122017)	393433.62	3766771.08	213.14222	(10111106)
393399.73	3766771.08	219.64804	(12111406)	393365.84	3766771.08	226.25787	(11032317)
393331.95	3766771.08	232.94558	(12091206)	393298.06	3766771.08	239.75174	(15030518)
393264.17	3766771.08	246.64483	(16122017)	393230.28	3766771.08	253.64222	(10111106)
393196.39	3766771.08	260.74804	(12111406)	393162.50	3766771.08	267.95787	(11032317)
393128.61	3766771.08	275.24558	(12091206)	393094.72	3766771.08	282.65174	(15030518)
393060.83	3766771.08	290.14483	(16122017)	393026.94	3766771.08	297.74222	(10111106)
392993.05	3766771.08	305.44804	(12111406)	392959.16	3766771.08	313.25787	(11032317)
392925.27	3766771.08	321.14558	(12091206)	392891.38	3766771.08	329.15174	(15030518)
392857.49	3766771.08	337.24483	(16122017)	392823.60	3766771.08	345.44222	(10111106)
392789.71	3766771.08	353.74804	(12111406)	392755.82	3766771.08	362.15787	(11032317)
392721.93	3766771.08	370.64558	(12091206)	392688.04	3766771.08	379.25174	(15030518)
392654.15	3766771.08	388.04483	(16122017)	392620.26	3766771.08	396.94222	(10111106)
392586.37	3766771.08	405.94804	(12111406)	392552.48	3766771.08	415.05787	(11032317)
392518.59	3766771.08	424.24558	(12091206)	392484.70	3766771.08	433.55174	(15030518)
392450.81	3766771.08	443.04483	(16122017)	392416.92	3766771.08	452.64222	(10111106)
392383.03	3766771.08	462.34804	(12111406)	392349.14	3766771.08	472.15787	(11032317)
392315.25	3766771.08	482.04558	(12091206)	392281.36	3766771.08	492.05174	(15030518)
392247.47	3766771.08	502.14483	(16122017)	392213.58	3766771.08	512.34222	(10111106)
392179.69	3766771.08	522.64804	(12111406)	392145.80	3766771.08	533.05787	(11032317)
392111.91	3766771.08	543.64558	(12091206)	392078.02	3766771.08	554.35174	(15030518)
392044.13	3766771.08	565.24483	(16122017)	392010.24	3766771.08	576.24222	(10111106)
391976.35	3766771.08	587.34804	(12111406)	391942.46	3766771.08	598.55787	(11032317)
391908.57	3766771.08	609.84558	(12091206)	391874.68	3766771.08	621.25174	(15030518)
391840.79	3766771.08	632.74483	(16122017)	391806.90	3766771.08	644.34222	(10111106)
391773.01	3766771.08	656.04804	(12111406)	391739.12	3766771.08	667.85787	(11032317)
391705.23	3766771.08	679.74558	(12091206)	391671.34	3766771.08	691.75174	(15030518)
391637.45	3766771.08	704.04483	(16122017)	391603.56	3766771.08	716.44222	(10111106)
391569.67	3766771.08	728.94804	(12111406)	391535.78	3766771.08	741.55787	(11032317)
391501.89	3766771.08	754.24558	(12091206)	391468.00	3766771.08	767.05174	(15030518)
391434.11	3766771.08	780.04483	(16122017)	391400.22	3766771.08	793.14222	(10111106)
391366.33	3766771.08	806.34804	(12111406)	391332.44	3766771.08	819.65787	(11032317)
391298.55	3766771.08	833.04558	(12091206)	391264.66	3766771.08	846.55174	(15030518)
391230.77	3766771.08	860.24483	(16122017)	391196.88	3766771.08	874.04222	(10111106)
391162.99	3766771.08	888.04804	(12111406)	391129.10	3766771.08	902.15787	(11032317)
391095.21	3766771.08	916.44558	(12091206)	391061.32	3766771.08	931.05174	(15030518)
391027.43	3766771.08	946.04483	(16122017)	390993.54	3766771.08	961.14222	(10111106)
390959.65	3766771.08	976.34804	(12111406)	390925.76	3766771.08	991.75787	(11032317)
390891.87	3766771.08	1007.24558	(12091206)	390857.98	3766771.08	1023.05174	(15030518)
390824.09	3766771.08	1039.04483	(16122017)	390790.20	3766771.08	1055.14222	(10111106)
390756.31	3766771.08	1071.44804	(12111406)	390722.42	3766771.08	1087.95787	(11032317)
390688.53	3766771.08	1104.64558	(12091206)	390654.64	3766771.08	1121.45174	(15030518)
390620.75	3766771.08	1138.44483	(16122017)	390586.86	3766771.08	1155.54222	(10111106)
390552.97	3766771.08	1172.84804	(12111406)	390519.08	3766771.08	1190.25787	(11032317)
390485.19	3766771.08	1207.84558	(12091206)	390451.30	3766771.08	1225.55174	(15030518)
390417.41	3766771.08	1243.44483	(16122017)	390383.52	3766771.08	1261.44222	(10111106)
390349.63	3766771.08	1279.54804	(12111406)	390315.74	3766771.08	1297.75787	(11032317)
390281.85	3766771.08	1316.04558	(12091206)	390247.96	3766771.08	1334.45174	(15030518)
390214.07	3766771.08	1353.04483	(16122017)	390180.18	3766771.08	1372.04222	(10111106)
390146.29	3766771.08	1391.14804	(12111406)	390112.40	3766771.08	1410.35787	(11032317)
390078.51	3766771.08	1429.74558	(12091206)	390044.62	3766771.08	1449.25174	(15030518)
390010.73	3766771.08	1469.04483	(16122017)	389976.84	3766771.08	1489.14222	(10111106)
389942.95	3766771.08	1509.44804	(12111406)	389909.06	3766771.08	1529.85787	(11032317)
389875.17	3766771.08	1550.44558	(12091206)	389841.28	3766771.08	1571.15174	(15030518)
389807.39	3766771.08	1592.04483	(16122017)	389773.50	3766771.08	1613.04222	(10111106)
389739.61	3766771.08	1634.14804	(12111406)	389705.72	3766771.08	1655.35787	(11032317)
389671.83	3766771.08	1676.74558	(12091206)	389637.94	3766771.08	1698.25174	(15030518)
389604.05	3766771.08	1720.04483	(16122017)	389570.16	3766771.08	1742.14222	(10111106)
389536.27	3766771.08	1764.44804	(12111406)	389502.38	3766771.08	1786.85787	(11032317)
389468.49	3766771.08	1809.44558	(12091206)	389434.60	3766771.08	1832.15174	(15030518)
389400.71	3766771.08	1855.04483	(16122017)	389366.82	3766771.08	1878.04222	(10111106)
389332.93	3766771.08	1901.14804	(12111406)	389299.04	3766771.08	1924.35787	(11032317)
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389197.37	3766771.08	1995.04483	(16122017)	389163.48	3766771.08	2019.14222	(10111106)
389129.59	3766771.08	2043.44804	(12111406)	389095.70	3766771.08	2067.85787	(11032317)
389061.81	3766771.08	2092.44558	(12091206)	389027.92	3766771.08	2117.15174	(15030518)
388994.03	3766771.08	2142.04483	(16122017)	388960.14	3766771.08	2167.04222	(10111106)
388926.25	3766771.08	2192.14804	(12111406)	388892.36	3766771.08	2217.35787	(11032317)
388858.47	3766771.08	2242.74558	(12091206)	388824.58	3766771.08	2268.25174	(15030518)
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388722.91	3766771.08	2346.44804	(12111406)	388689.02	3766771.08	2372.85787	(11032317)
388655.13	3766771.08	2399.44558	(12091206)	388621.24	3766771.08	2426.15174	(15030518)
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388112.89	3766771.08	2846.14804	(12111406)	388079.00	3766771.08	2875.35787	(11032317)
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386757.29	3766771.08	4181.04483	(16122017)	386723.40	3766771.08	4218.14222	(10111106)
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383436.07	3766771.08	8521.44804	(12111406)	383402.18	3766771.08	8574.85787	(11032317)
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382893.83	3766771.08	9395.04483	(16122017)	382859.94	3766771.08	9451.04222	(10111106)
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382690.49	3766771.08	9733.04483	(16122017)	382656.60	3766771.08	9790.14222	(10111106)
382622.71	3766771.08	9847.44804	(12111406)	382588.82	3766771.08	9904.85787	(11032317)
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382419.37	3766771.08	10193.14804	(12111406)	382385.48	3766771.08	10251.35787	(11032317)
382351.59	3766771.08	10309.74558	(12091206)	382317.70	3766771.08	10368.25174	(15030518)
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382216.03	3766771.08	10545.44804	(12111406)	382182.14	3766771.08	10604.85787	(11032317)
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381944.91	3766771.08	11018.74558	(12091206)	381911.02	3766771.08	11078.25174	(15030518)
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381809.35	3766771.08	11258.44804	(12111406)	381775.46	3766771.08	11318.85787	(11032317)
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380589.31	3766771.08	13567.44804	(12111406)	380555.42	3766771.08	13634.85787	(11032317)
380521.53	3766771.08	13701.44558	(12091206)	380487.64	3766771.08	13769.15174	(15030518)
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3766811.08 41.64655 (12022906)
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3766811.08 39.18859 (16091406)
397118.26 3766811.08 36.89826 (16122908) 397158.26
3766811.08 35.78368 (16111107)
397198.26 3766811.08 31.80210 (16092906) 397238.26
3766811.08 33.15010 (10112308)
397278.26 3766811.08 36.66798 (10020206) 397318.26
3766811.08 37.78364 (10051206)
397358.26 3766811.08 36.52315 (10120107) 397398.26
3766811.08 34.32072 (10030507)
397438.26 3766811.08 34.65633 (10111106) 397478.26
3766811.08 34.68908 (10050306)
397518.26 3766811.08 31.85237 (10011108) 397558.26
3766811.08 31.70706 (10021807)
397598.26 3766811.08 28.06959 (11021507) 397638.26
3766811.08 27.45382 (10080606)
397678.26 3766811.08 24.24533 (15122506) 397718.26
3766811.08 21.03165 (10020806)
396558.26 3766851.08 13.02559 (15100906) 396598.26
3766851.08 15.30660 (15031307)
396638.26 3766851.08 18.43977 (15112607) 396678.26
3766851.08 21.79590 (10020307)
396718.26 3766851.08 24.40226 (12120406) 396758.26
3766851.08 27.95458 (12021618)
396798.26 3766851.08 32.20382 (16010806) 396838.26

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397358.26	3766851.08	39.80527	(10112607)	397398.26	3766851.08	40.15992	(10111106)
397438.26	3766851.08	40.52163	(12101207)	397478.26	3766851.08	37.67452	(12101207)
397518.26	3766851.08	36.27442	(10021807)	397558.26	3766851.08	34.10469	(16091906)
397598.26	3766851.08	31.85630	(10011108)	397638.26	3766851.08	28.58307	(10050306)
397678.26	3766851.08	24.99956	(12122707)	397718.26	3766851.08	21.23338	(11020807)
396558.26	3766891.08	13.86649	(12022306)	396598.26	3766891.08	15.35394	(15100906)
396638.26	3766891.08	17.93040	(15031307)	396678.26	3766891.08	22.43132	(15102707)

396718.26 3766891.08 26.04360 (10042106) 396758.26
3766891.08 28.81122 (11122707)
396798.26 3766891.08 32.54589 (16010806) 396838.26
3766891.08 37.40367 (12021618)
396878.26 3766891.08 40.24692 (16110406) 396918.26
3766891.08 42.53021 (16040106)
396958.26 3766891.08 45.38228 (12102406) 396998.26
3766891.08 48.50522 (16121606)
397038.26 3766891.08 48.10933 (10111507) 397078.26
3766891.08 47.70684 (16122208)
397118.26 3766891.08 45.11560 (16120607) 397158.26
3766891.08 41.30429 (10010407)
397198.26 3766891.08 42.82340 (10112308) 397238.26
3766891.08 48.19292 (10112308)
397278.26 3766891.08 50.89679 (10120107) 397318.26
3766891.08 47.04991 (10112607)
397358.26 3766891.08 46.39386 (12101207) 397398.26
3766891.08 45.68178 (12101207)
397438.26 3766891.08 44.02149 (10011108) 397478.26
3766891.08 42.76163 (12020606)
397518.26 3766891.08 40.93604 (10011108) 397558.26
3766891.08 37.53588 (10020806)
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3766891.08 28.75029 (12122008)
397678.26 3766891.08 27.62852 (11020807) 397718.26
3766891.08 24.10900 (12072606)
396558.26 3766931.08 14.26147 (10102906) 396598.26
3766931.08 16.22517 (15010908)
396638.26 3766931.08 18.95292 (12121106) 396678.26
3766931.08 21.33454 (11111607)
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3766931.08 30.53229 (15102707)
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3766931.08 37.48800 (16010806)
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3766931.08 45.43588 (11090606)
396958.26 3766931.08 48.90816 (12020207) 396998.26
3766931.08 51.28286 (16092306)
397038.26 3766931.08 55.09051 (16091506) 397078.26
3766931.08 54.31644 (16091406)
397118.26 3766931.08 54.17723 (16092906) 397158.26
3766931.08 48.83838 (16122907)
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3766931.08 58.01356 (10041306)
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3766931.08 54.96506 (10041306)
397358.26 3766931.08 55.05155 (10012706) 397398.26
3766931.08 53.42304 (10011108)
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3766931.08 47.24060 (15122506)

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 3766931.08       32.17843  (12072606)
       397678.26   3766931.08       28.28293  (10022418)                397718.26
 3766931.08       24.79287  (11030907)
       396558.26   3766971.08       13.29719  (10122308)                396598.26
 3766971.08       15.73826  (16011306)
       396638.26   3766971.08       18.80192  (15010908)                396678.26
 3766971.08       22.14686  (15010908)
       396718.26   3766971.08       25.66823  (11032317)                396758.26
 3766971.08       29.05352  (15112607)
       396798.26   3766971.08       34.92406  (15102707)                396838.26
 3766971.08       39.99989  (15112607)
       396878.26   3766971.08       43.23405  (12103106)                396918.26
 3766971.08       49.63282  (12100906)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:18:19

                                  PAGE  57
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                   INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396958.26   3766971.08       52.79849  (11090606)                396998.26
 3766971.08       58.03502  (15111006)
       397038.26   3766971.08       63.45694  (10020106)                397078.26
 3766971.08       62.07960  (16122208)
       397118.26   3766971.08       63.15141  (15032406)                397158.26
 3766971.08       73.37092  (11011806)
       397198.26   3766971.08       80.42701  (10020206)                397238.26
 3766971.08       71.47975  (10041306)
       397278.26   3766971.08       64.54507  (10041306)                397318.26
 3766971.08       63.51100  (10012706)
       397358.26   3766971.08       60.59290  (10011108)                397398.26
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397438.26 3766971.08 55.55701 (10011407) 397478.26
3766971.08 49.34576 (12122008)
397518.26 3766971.08 47.23111 (11020807) 397558.26
3766971.08 41.66360 (10080606)
397598.26 3766971.08 38.10170 (16091906) 397638.26
3766971.08 32.16907 (11030907)
397678.26 3766971.08 28.55704 (15122506) 397718.26
3766971.08 24.07018 (11030907)
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3767011.08 20.05125 (12011306)
396718.26 3767011.08 24.56426 (12022306) 396758.26
3767011.08 29.08081 (10122308)
396798.26 3767011.08 33.46941 (15010908) 396838.26
3767011.08 39.43736 (15102707)
396878.26 3767011.08 46.22483 (11123007) 396918.26
3767011.08 51.53716 (10120907)
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3767011.08 64.46453 (16040106)
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3767011.08 89.35772 (11122906)
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3767011.08 108.08357 (11030908)
397198.26 3767011.08 133.13990 (10112607) 397238.26
3767011.08 130.89546 (10062106)
397278.26 3767011.08 93.07796 (15111018) 397318.26
3767011.08 71.60881 (10011108)
397358.26 3767011.08 66.15775 (10032606) 397398.26
3767011.08 60.19361 (12122008)
397438.26 3767011.08 59.47878 (11020807) 397478.26
3767011.08 52.46028 (10080606)
397518.26 3767011.08 47.92062 (16091906) 397558.26
3767011.08 43.65786 (15122506)
397598.26 3767011.08 35.99649 (15122506) 397638.26
3767011.08 30.76677 (10010506)
397678.26 3767011.08 27.06106 (10011407) 397718.26
3767011.08 24.72345 (15120217)
396558.26 3767051.08 13.83270 (12011806) 396598.26
3767051.08 15.85576 (11031007)
396638.26 3767051.08 17.62744 (11010518) 396678.26
3767051.08 19.97882 (10100506)
396718.26 3767051.08 23.05876 (15040706) 396758.26
3767051.08 26.87792 (11040606)
396798.26 3767051.08 32.05022 (12022306) 396838.26
3767051.08 37.92520 (10122308)
396878.26 3767051.08 45.51031 (12120606) 396918.26
3767051.08 55.66776 (15102707)
396958.26 3767051.08 63.37782 (16011507) 396998.26

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       397038.26   3767051.08   133.65865 (16092306)   397078.26
 3767051.08   145.62330 (16122908)
       397118.26   3767051.08   131.00984 (12072506)   397158.26
 3767051.08   140.05196 (10012706)
       397198.26   3767051.08   135.43559 (10041306)   397238.26
 3767051.08   133.67935 (12101207)
       397278.26   3767051.08   133.95607 (10021606)   397318.26
 3767051.08   98.91860 (12122718)
       397358.26   3767051.08   72.85050 (11020807)   397398.26
 3767051.08   63.17788 (12072606)
       397438.26   3767051.08   58.92239 (12122718)   397478.26
 3767051.08   53.22793 (15122506)
       397518.26   3767051.08   44.37230 (15122507)   397558.26
 3767051.08   40.66128 (10011407)
       397598.26   3767051.08   37.11141 (11020807)   397638.26
 3767051.08   32.38576 (15121418)
       397678.26   3767051.08   29.80842 (16022406)   397718.26
 3767051.08   27.25045 (10022418)

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
                                    INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF CO   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

396878.26 3767091.08 42.85457 (12022306) 396918.26
3767091.08 52.51871 (12121106)
396958.26 3767091.08 65.88931 (15102707) 396998.26
3767091.08 127.90289 (10120907)
397078.26 3767091.08 111.40151 (16092906) 397118.26
3767091.08 125.31308 (16111107)
397158.26 3767091.08 149.74214 (10051206) 397198.26
3767091.08 120.77143 (11011307)
397238.26 3767091.08 125.08371 (16091906) 397278.26
3767091.08 117.75901 (15111018)
397318.26 3767091.08 105.34859 (10022418) 397358.26
3767091.08 73.27642 (12072606)
397398.26 3767091.08 61.51707 (15122506) 397438.26
3767091.08 56.46491 (12041106)
397478.26 3767091.08 51.06900 (16022406) 397518.26
3767091.08 48.37377 (16022406)
397558.26 3767091.08 44.76101 (12120507) 397598.26
3767091.08 41.85674 (12120507)
397638.26 3767091.08 37.95111 (12122718) 397678.26
3767091.08 32.32304 (12122718)
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3767131.08 18.06264 (12080906)
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3767131.08 21.93853 (12021514)
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3767131.08 28.64077 (10100506)
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3767131.08 40.86418 (10100506)
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397558.26 3767131.08 43.71849 (15101918) 397598.26
3767131.08 39.82883 (15101918)
397638.26 3767131.08 36.21953 (15101918) 397678.26
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3767171.08 29.98729 (10100509)
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3767171.08 41.23075 (11020918)
396918.26 3767171.08 47.94793 (11111806) 397438.26
3767171.08 59.47415 (16022418)
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3767171.08 48.33709 (11110107)
397558.26 3767171.08 43.63142 (15101918) 397598.26
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3767171.08 30.43280 (12120507)
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396758.26 3767211.08 27.34172 (15010517) 396798.26
3767211.08 31.43062 (15010517)
396838.26 3767211.08 37.74795 (12112807) 396878.26
3767211.08 44.55679 (10111006)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396918.26	3767211.08	51.90976	(10111006)	396958.26	3767211.08	59.49174	(11121207)
397438.26	3767211.08	53.33764	(12020706)	397478.26	3767211.08	48.68058	(12020706)
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3767211.08 31.82862 (12111217)
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3767211.08 24.83947 (11022806)
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3767251.08 37.55703 (16022418)
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3767291.08 33.51772 (10102706)
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3767291.08 40.16375 (16010508)
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3767291.08 46.96100 (10011107)
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3767291.08 85.04785 (12102518)
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3767291.08 64.43076 (12112817)
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3767291.08 67.26521 (12121318)
397358.26 3767291.08 55.43091 (16092318) 397398.26

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3767291.08   33.56385 (11022306)
       397598.26   3767291.08   30.40947 (11021506)   397638.26
3767291.08   27.92868 (15072206)
       397678.26   3767291.08   25.64975 (15072206)   397718.26
3767291.08   22.80077 (12030707)
       396558.26   3767331.08   16.03054 (10112506)   396598.26
3767331.08   17.45917 (10112506)
       396638.26   3767331.08   19.22378 (16011806)   396678.26
3767331.08   21.83952 (12122507)
       396718.26   3767331.08   24.60346 (10102706)   396758.26
3767331.08   26.35729 (11111817)
       396798.26   3767331.08   27.97912 (10101916)   396838.26
3767331.08   30.90851 (11021706)
       396878.26   3767331.08   33.90920 (11011207)   396918.26
3767331.08   34.25517 (11111817)
       396958.26   3767331.08   33.89734 (11081506)   396998.26
3767331.08   33.51321 (15022007)
       397038.26   3767331.08   40.92183 (12102518)   397078.26
3767331.08   71.38491 (11021407)
       397118.26   3767331.08   101.00791 (16120918)   397158.26
3767331.08   109.02496 (11120818)

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
                                    INCLUDING SOURCE(S):   EG01   , EG08   , EG24   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF CO   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

397278.26 3767331.08 78.29872 (16111818) 397318.26 3767331.08 55.61186 (12091706)
397358.26 3767331.08 51.53301 (10102018) 397398.26 3767331.08 50.55635 (11112817)
397438.26 3767331.08 45.95656 (11102718) 397478.26 3767331.08 41.36547 (15030618)
397518.26 3767331.08 36.58015 (10112518) 397558.26 3767331.08 32.22083 (11112118)
397598.26 3767331.08 29.48355 (15011517) 397638.26 3767331.08 26.45651 (11110718)
397678.26 3767331.08 23.56521 (10101307) 397718.26 3767331.08 21.05733 (10010117)
396558.26 3767371.08 15.55026 (12112906) 396598.26 3767371.08 16.81840 (12122507)
396638.26 3767371.08 18.65914 (15022007) 396678.26 3767371.08 21.10251 (10020912)
396718.26 3767371.08 23.78835 (11021706) 396758.26 3767371.08 25.16691 (11011207)
396798.26 3767371.08 25.83358 (11081506) 396838.26 3767371.08 26.15022 (11081506)
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396958.26 3767371.08 28.19354 (10010706) 396998.26 3767371.08 28.37157 (10010706)
397038.26 3767371.08 32.84456 (11071307) 397078.26 3767371.08 49.77067 (11083106)
397118.26 3767371.08 63.28218 (11120718) 397158.26 3767371.08 87.94294 (12101206)
397198.26 3767371.08 75.39944 (11112417) 397238.26 3767371.08 61.95482 (16011818)
397278.26 3767371.08 56.95131 (15100918) 397318.26 3767371.08 51.77119 (16121417)
397358.26 3767371.08 48.14424 (16010818) 397398.26 3767371.08 46.35133 (12091106)
397438.26 3767371.08 42.59209 (11111518) 397478.26 3767371.08 39.10395 (10112518)
397518.26 3767371.08 35.52447 (11101218) 397558.26 3767371.08 32.00843 (11102718)
397598.26 3767371.08 28.89314 (15030618) 397638.26 3767371.08 25.43993 (10102207)
397678.26 3767371.08 22.23219 (12050318) 397718.26 3767371.08 19.25773 (11021506)
396558.26 3767411.08 14.91493 (11111817) 396598.26 3767411.08 16.25138 (11111818)
396638.26 3767411.08 18.01557 (11011207) 396678.26 3767411.08 20.15424 (11081506)
396718.26 3767411.08 21.41271 (11052406) 396758.26 3767411.08 22.58625 (11020307)
396798.26 3767411.08 22.35314 (10040606) 396838.26 3767411.08 23.59353 (11081906)

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       396878.26   3767411.08       24.62975  (10020107)                396918.26
 3767411.08       24.51461  (10020107)
       396958.26   3767411.08       24.37334  (15102807)                396998.26
 3767411.08       24.29072  (11090106)
       397038.26   3767411.08       29.23341  (10100107)                397078.26
 3767411.08       42.17805  (11021407)
       397118.26   3767411.08       49.98147  (16012518)                397158.26
 3767411.08       57.66339  (16012518)
       397198.26   3767411.08       57.28578  (12120706)                397238.26
 3767411.08       54.14498  (10122717)
       397278.26   3767411.08       51.24986  (15010118)                397318.26
 3767411.08       48.35006  (15100918)
       397358.26   3767411.08       44.96947  (16011318)                397398.26
 3767411.08       42.93381  (16111818)
       397438.26   3767411.08       39.90180  (16121318)                397478.26
 3767411.08       36.68744  (12122817)
       397518.26   3767411.08       33.19831  (12110815)                397558.26
 3767411.08       30.76993  (11092006)
       397598.26   3767411.08       27.98518  (12121318)                397638.26
 3767411.08       25.30661  (11101218)
       397678.26   3767411.08       22.32471  (12101116)                397718.26
 3767411.08       19.26079  (16092818)
       396558.26   3767451.08       14.16981  (15022007)                396598.26
 3767451.08       15.03495  (12020317)
       396638.26   3767451.08       16.81321  (10011406)                396678.26
 3767451.08       17.77126  (12022007)
       396718.26   3767451.08       18.80659  (15090206)                396758.26
 3767451.08       20.03763  (11021707)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  61
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                   INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396798.26   3767451.08       20.30304  (10020107)               396838.26
 3767451.08       20.70398  (10011810)
       396878.26   3767451.08       21.18290  (10040606)               396918.26
 3767451.08       21.37128  (16030406)
       396958.26   3767451.08       21.81777  (10081206)               396998.26
 3767451.08       21.96687  (10111918)
       397038.26   3767451.08       26.26288  (11092718)               397078.26
 3767451.08       34.44372  (12112118)
       397118.26   3767451.08       41.52035  (15112018)               397158.26
 3767451.08       48.05920  (12120718)
       397198.26   3767451.08       47.83161  (12121018)               397238.26
 3767451.08       49.11434  (12122118)
       397278.26   3767451.08       46.41810  (10122717)               397318.26
 3767451.08       44.52615  (12103018)
       397358.26   3767451.08       42.22456  (15100918)               397398.26
 3767451.08       39.58844  (16011318)
       397438.26   3767451.08       37.22055  (16121318)               397478.26
 3767451.08       34.67372  (16010818)
       397518.26   3767451.08       31.57847  (11032506)               397558.26
 3767451.08       29.28428  (12122817)
       397598.26   3767451.08       26.52921  (10102018)               397638.26
 3767451.08       24.01651  (10040906)
       397678.26   3767451.08       21.52561  (10112518)               397718.26
 3767451.08       19.20842  (11072906)
       396558.26   3767491.08       13.08401  (11020307)               396598.26
 3767491.08       14.09662  (10090810)
       396638.26   3767491.08       15.04467  (16020818)               396678.26
 3767491.08       16.08875  (16020818)
       396718.26   3767491.08       17.07866  (15051307)               396758.26
 3767491.08       18.01879  (10100516)
       396798.26   3767491.08       17.93410  (11021816)               396838.26
 3767491.08       19.27909  (10030812)
       396878.26   3767491.08       20.08096  (10100516)               396918.26
 3767491.08       20.07726  (12041307)
       396958.26   3767491.08       19.66766  (16030706)               396998.26
 3767491.08       20.05924  (12031615)
       397038.26   3767491.08       23.63168  (11092718)               397078.26
 3767491.08       29.17897  (16102406)
       397118.26   3767491.08       35.30301  (10110506)               397158.26
 3767491.08       40.63374  (15120118)
       397198.26   3767491.08       42.79296  (10102206)               397238.26
 3767491.08       44.04505  (12120706)
       397278.26   3767491.08       43.13487  (16122818)               397318.26
 3767491.08       40.77296  (11080306)
       397358.26   3767491.08       39.19986  (15010118)               397398.26
 3767491.08       36.82186  (15120918)
       397438.26   3767491.08       33.95214  (16011318)               397478.26
 3767491.08       32.16958  (16121417)
       397518.26   3767491.08       29.89452  (15012318)               397558.26
```

3767491.08 27.50518 (16121318)
397598.26 3767491.08 24.84221 (11111518) 397638.26
3767491.08 22.79733 (12110815)
397678.26 3767491.08 20.60683 (11032506) 397718.26
3767491.08 18.34340 (11092006)
396558.26 3767531.08 11.99918 (12080306) 396598.26
3767531.08 12.93728 (16020818)
396638.26 3767531.08 14.28489 (12121218) 396678.26
3767531.08 15.22395 (10101907)
396718.26 3767531.08 15.66969 (10100511) 396758.26
3767531.08 16.51492 (10021017)
396798.26 3767531.08 17.29268 (10030812) 396838.26
3767531.08 18.53901 (10021017)
396878.26 3767531.08 18.87397 (10020913) 396918.26
3767531.08 18.95714 (11060807)
396958.26 3767531.08 18.86319 (10061518) 396998.26
3767531.08 19.83678 (10030817)
397038.26 3767531.08 22.51089 (10111016) 397078.26
3767531.08 26.08980 (10111016)
397118.26 3767531.08 31.86197 (12112118) 397158.26
3767531.08 35.47005 (15042106)
397198.26 3767531.08 39.37497 (10122806) 397238.26
3767531.08 38.60454 (16102618)
397278.26 3767531.08 39.94196 (16101918) 397318.26
3767531.08 37.70696 (15121518)
397358.26 3767531.08 35.49808 (16081206) 397398.26
3767531.08 34.23696 (16122918)
397438.26 3767531.08 32.23246 (11030207) 397478.26
3767531.08 29.71260 (12101618)
397518.26 3767531.08 27.96734 (12081406) 397558.26
3767531.08 25.97035 (16010818)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397598.26	3767531.08	23.56606	(16010818)	397638.26	3767531.08	21.10652	(16112817)
397678.26	3767531.08	19.40772	(11111518)	397718.26	3767531.08	17.69260	(12122817)
397320.82	3767219.11	110.56626	(12110707)	397330.82	3767209.11	111.95253	(16020418)
397340.82	3767189.11	127.83051	(11032206)	397340.82	3767199.11	123.22794	(16020418)
397340.82	3767209.11	114.06705	(12110707)	397350.82	3767189.11	127.37740	(12091206)
397350.82	3767199.11	120.43020	(15030518)	397360.82	3767189.11	109.62399	(15122507)
397360.82	3767199.11	102.75303	(15030518)	397370.82	3767189.11	76.58439	(16022418)
397380.82	3767189.11	68.69428	(15101918)	396920.42	3767167.32	48.80381	(12080906)
396989.95	3767243.54	74.22422	(10111006)	397044.10	3767223.97	67.44331	(15022007)
397113.57	3767239.93	86.25416	(12061811)	397158.63	3767280.29	68.50015	(12011118)
397168.95	3767307.05	64.97696	(12120618)	397244.05	3767296.72	79.13250	(16101018)
397260.95	3767278.88	74.24279	(15110418)	397409.74	3767205.66	58.74237	(12020706)
397422.89	3767189.23	58.55466	(15101918)	397426.64	3767180.78	59.88274	(15101918)
397420.54	3767170.46	62.68491	(15101918)	397318.68	3767160.13	86.59225	(12091206)
397022.98	3767083.62	127.87093	(12013107)	396943.60	3767192.73	55.99307	(11011007)
396966.77	3767218.13	63.54987	(11121207)	397017.03	3767233.75	73.47504	(10111006)
397078.83	3767231.95	65.53065	(10111709)	397136.10	3767260.11	73.55205	(15081308)
397206.50	3767301.88	63.98954	(15020418)	397298.15	3767260.58	87.19865	(10012908)
397335.34	3767242.27	82.05964	(16112917)	397372.54	3767223.96	64.09053	(11102107)
397386.59	3767167.02	69.96081	(15101918)	397352.63	3767163.57	102.76637	(11102517)
397276.44	3767149.20	89.81354	(10011407)	397234.19	3767138.27	86.36243	(10040206)
397191.95	3767127.34	92.32356	(10012706)	397149.71	3767116.41	119.29220	(10030507)
397107.47	3767105.48	121.40158	(16111107)	397065.22	3767094.55	100.43550	(16091506)

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3766771.08	6.05427	(15062706)	396598.26	3766771.08	6.59205	(15062706)
396638.26	3766771.08	7.23961	(15062706)	396678.26	3766771.08	7.88501	(15062706)
396718.26	3766771.08	8.56729	(15062706)	396758.26	3766771.08	9.26817	(15100307)
396798.26	3766771.08	9.92724	(16062106)	396838.26	3766771.08	10.69015	(16062106)
396878.26	3766771.08	11.45470	(16062106)	396918.26	3766771.08	12.20480	(16062106)
396958.26	3766771.08	12.87177	(16062406)	396998.26	3766771.08	13.44619	(16062406)
397038.26	3766771.08	13.87970	(16062406)	397078.26	3766771.08	14.14358	(16062406)
397118.26	3766771.08	14.20588	(16062406)	397158.26	3766771.08	14.06081	(16062406)
397198.26	3766771.08	13.78556	(16062406)	397238.26	3766771.08	13.38432	(16062406)
397278.26	3766771.08	12.86862	(16062406)	397318.26			

3766771.08 12.26200 (16062406)
397358.26 3766771.08 11.58736 (16062406) 397398.26
3766771.08 10.88463 (16062406)
397438.26 3766771.08 10.16630 (16062406) 397478.26
3766771.08 9.46054 (16062406)
397518.26 3766771.08 8.78018 (16062406) 397558.26
3766771.08 8.13453 (16062406)
397598.26 3766771.08 7.54253 (16062106) 397638.26
3766771.08 6.98286 (16062106)
397678.26 3766771.08 6.46782 (16062106) 397718.26
3766771.08 6.01962 (15100307)
396558.26 3766811.08 6.40958 (15062706) 396598.26
3766811.08 6.99030 (15062706)
396638.26 3766811.08 7.74333 (15100307) 396678.26
3766811.08 8.52674 (15062706)
396718.26 3766811.08 9.32301 (15062306) 396758.26
3766811.08 10.14145 (15062706)
396798.26 3766811.08 11.07109 (15100307) 396838.26
3766811.08 12.01313 (16062106)
396878.26 3766811.08 13.01813 (16062106) 396918.26
3766811.08 14.02186 (16062106)
396958.26 3766811.08 14.93367 (16062406) 396998.26
3766811.08 15.73073 (16062406)
397038.26 3766811.08 16.32931 (16062406) 397078.26
3766811.08 16.69037 (16062406)
397118.26 3766811.08 16.82552 (16062406) 397158.26
3766811.08 16.67867 (16062406)
397198.26 3766811.08 16.25447 (16062406) 397238.26
3766811.08 15.63123 (16062406)
397278.26 3766811.08 14.88396 (16062406) 397318.26
3766811.08 14.05921 (16062406)
397358.26 3766811.08 13.17419 (16062406) 397398.26
3766811.08 12.25798 (16062406)
397438.26 3766811.08 11.34217 (16062406) 397478.26
3766811.08 10.45846 (16062406)
397518.26 3766811.08 9.61976 (16062406) 397558.26
3766811.08 8.85277 (16062106)
397598.26 3766811.08 8.13353 (16062106) 397638.26
3766811.08 7.47798 (16062106)
397678.26 3766811.08 6.91178 (15100307) 397718.26
3766811.08 6.37258 (15100307)
396558.26 3766851.08 6.79140 (15062706) 396598.26
3766851.08 7.42131 (15062706)
396638.26 3766851.08 8.20083 (15062706) 396678.26
3766851.08 9.12214 (15062706)
396718.26 3766851.08 10.09596 (15062706) 396758.26
3766851.08 11.14725 (15062306)
396798.26 3766851.08 12.32881 (15100307) 396838.26
3766851.08 13.61558 (15100307)
396878.26 3766851.08 14.93068 (16062106) 396918.26

 3766851.08   16.27592 (16062106)
       396958.26   3766851.08   17.57754 (16062106)   396998.26
 3766851.08   18.67746 (16062406)
       397038.26   3766851.08   19.52574 (16062406)   397078.26
 3766851.08   20.07201 (16062406)
       397118.26   3766851.08   20.26423 (16062406)   397158.26
 3766851.08   20.05081 (16062406)
       397198.26   3766851.08   19.46235 (16062406)   397238.26
 3766851.08   18.61285 (16062406)
       397278.26   3766851.08   17.53908 (16062406)   397318.26
 3766851.08   16.31229 (16062406)

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: AREA   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        397358.26   3766851.08   15.09963 (16062406)   397398.26
 3766851.08   13.88825 (16062406)
       397438.26   3766851.08   12.71073 (16062406)   397478.26
 3766851.08   11.59243 (16062406)
       397518.26   3766851.08   10.55452 (16062406)   397558.26
 3766851.08   9.62294 (16062106)
       397598.26   3766851.08   8.80145 (15100307)   397638.26
 3766851.08   8.03168 (15100307)
       397678.26   3766851.08   7.34443 (15100307)   397718.26
 3766851.08   6.73201 (15100307)

396558.26 3766891.08 7.16854 (15062706) 396598.26
3766891.08 7.87445 (15062706)
396638.26 3766891.08 8.75214 (15062706) 396678.26
3766891.08 9.81933 (15062706)
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3766931.08 23.01823 (16062406)

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 3766971.08        8.82030  (15062706)
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       396718.26   3766971.08       12.90050  (15062706)               396758.26
 3766971.08       14.89181  (15062706)
       396798.26   3766971.08       17.30857  (15062706)               396838.26
 3766971.08       20.25530  (15062706)
       396878.26   3766971.08       23.70703  (15062706)               396918.26
 3766971.08       27.70361  (15100307)
♠ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:18:19

                                  PAGE  65
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396958.26   3766971.08       31.95592  (16062106)               396998.26
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       397118.26   3767051.08       85.46585  (16062406)                397158.26
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 3767051.08       19.76971  (15062706)
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 3767051.08       10.65092  (16062106)
       397678.26   3767051.08        9.39311  (16062106)                397718.26
 3767051.08        8.36057  (16062106)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  66
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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396718.26	3767091.08	15.56173	(15100307)	396758.26	3767091.08	18.77161	(15062706)
396798.26	3767091.08	23.29285	(12122516)	396838.26	3767091.08	29.85297	(16012717)
396878.26	3767091.08	39.81486	(15062306)	396918.26	3767091.08	56.60298	(15062706)
396958.26	3767091.08	85.56737	(15100307)	396998.26	3767091.08	140.67206	(16062406)
397078.26	3767091.08	168.65657	(16062406)	397118.26	3767091.08	147.31255	(16062406)
397158.26	3767091.08	126.61983	(16062406)	397198.26	3767091.08	107.69120	(16062406)
397238.26	3767091.08	90.44659	(16062406)	397278.26	3767091.08	74.44836	(16062406)
397318.26	3767091.08	58.63502	(16062406)	397358.26	3767091.08	44.66539	(16062106)
397398.26	3767091.08	35.41558	(10031605)	397438.26	3767091.08	30.71624	(10031605)
397478.26	3767091.08	27.73873	(10110504)	397518.26	3767091.08	22.90523	(10010506)
397558.26	3767091.08	20.56099	(11012303)	397598.26	3767091.08	13.15498	(11110924)
397638.26	3767091.08	11.10871	(15100307)	397678.26	3767091.08	9.73762	(15100307)
397718.26	3767091.08	8.62251	(15100307)	396558.26	3767131.08	8.97150	(15100307)
396598.26	3767131.08	10.19434	(15100307)	396638.26	3767131.08	11.69461	(15100307)
396678.26	3767131.08	13.52673	(15062706)	396718.26	3767131.08	16.04084	(15062706)
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396838.26	3767131.08	32.23369	(15062706)	396878.26	3767131.08	45.46467	(15062306)
396918.26	3767131.08	72.49382	(15062306)	396958.26	3767131.08	147.62396	(16062406)
397238.26	3767131.08	159.66480	(16062406)	397278.26	3767131.08	124.20295	(16062406)

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       397478.26   3767131.08       33.64462  (15121202)                397518.26
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       397558.26   3767131.08       23.45713  (10042920)                397598.26
 3767131.08       17.96353  (10110504)
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       396598.26   3767211.08       10.30160  (15062706)                396638.26
 3767211.08       11.83890  (15062706)
       396678.26   3767211.08       13.79778  (15062306)                396718.26
 3767211.08       16.20405  (15062306)
       396758.26   3767211.08       19.56452  (15062706)                396798.26
 3767211.08       24.53895  (15062706)
       396838.26   3767211.08       32.26591  (15062706)                396878.26
 3767211.08       44.97772  (15062706)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

                                   PAGE  67
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
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                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 3767251.08       54.29296  (15100307)
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       397438.26   3767291.08       63.48126  (16081223)               397478.26
 3767291.08       58.12994  (11071503)
       397518.26   3767291.08       52.24357  (12061701)               397558.26
 3767291.08       47.95249  (12102221)
       397598.26   3767291.08       43.17118  (12100724)               397638.26
 3767291.08       30.49835  (16061322)
       397678.26   3767291.08       18.49993  (16102818)               397718.26
 3767291.08       14.48352  (11062103)
       396558.26   3767331.08       29.54344  (10081524)               396598.26
 3767331.08       29.45999  (16011806)
       396638.26   3767331.08       29.33473  (15112623)               396678.26
 3767331.08       20.87045  (11042124)
       396718.26   3767331.08       14.71153  (10031524)               396758.26
 3767331.08       16.78754  (15062706)
       396798.26   3767331.08       19.78423  (15062706)               396838.26
 3767331.08       23.81132  (15100307)
       396878.26   3767331.08       29.05719  (10102423)               396918.26
 3767331.08       43.17207  (12111621)
       396958.26   3767331.08       51.94578  (16092206)               396998.26
 3767331.08       55.06246  (11082103)
       397038.26   3767331.08       59.42217  (15080704)               397078.26
 3767331.08       62.00428  (12100623)
       397118.26   3767331.08       67.93576  (12110419)               397158.26
 3767331.08       94.47326  (12112916)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397198.26	3767331.08	93.09854	(12120216)	397238.26	3767331.08	87.47098	(10032918)
397278.26	3767331.08	78.17687	(12081222)	397318.26	3767331.08	73.05561	(15073001)
397358.26	3767331.08	70.08599	(15071704)	397398.26	3767331.08	64.38068	(12091301)
397438.26	3767331.08	59.44817	(15012921)	397478.26	3767331.08	55.32305	(15070602)
397518.26	3767331.08	51.31508	(15082004)	397558.26	3767331.08	47.60069	(16071524)
397598.26	3767331.08	44.46115	(12060622)	397638.26	3767331.08	40.18378	(11072301)
397678.26	3767331.08	27.49784	(15060101)	397718.26	3767331.08	17.88919	(15070522)
396558.26	3767371.08	29.12255	(15060201)	396598.26	3767371.08	27.14883	(11122319)
396638.26	3767371.08	25.24897	(11102105)	396678.26	3767371.08	17.09397	(12062203)
396718.26	3767371.08	13.48382	(15062706)	396758.26	3767371.08	15.50675	(15100307)
396798.26	3767371.08	17.94344	(15100307)	396838.26	3767371.08	21.03040	(15100307)
396878.26	3767371.08	24.91337	(15062706)	396918.26	3767371.08	36.27414	(10082805)

396958.26 3767371.08 45.66989 (15061205) 396998.26 3767371.08 49.04373 (10110521)
397038.26 3767371.08 52.99336 (10092824) 397078.26 3767371.08 53.83997 (15062801)
397118.26 3767371.08 57.85381 (16102219) 397158.26 3767371.08 62.35284 (15090923)
397198.26 3767371.08 68.32209 (16072224) 397238.26 3767371.08 68.16182 (16092419)
397278.26 3767371.08 66.69489 (12081803) 397318.26 3767371.08 66.73989 (12080901)
397358.26 3767371.08 63.68657 (16072602) 397398.26 3767371.08 59.17905 (12083102)
397438.26 3767371.08 55.15334 (12090503) 397478.26 3767371.08 51.93095 (12091301)
397518.26 3767371.08 48.83042 (15070502) 397558.26 3767371.08 45.94233 (11081422)
397598.26 3767371.08 43.18702 (11091523) 397638.26 3767371.08 40.36879 (12081323)
397678.26 3767371.08 36.72336 (12100202) 397718.26 3767371.08 25.93106 (16070424)
396558.26 3767411.08 28.43510 (11102502) 396598.26 3767411.08 24.51409 (11071203)
396638.26 3767411.08 18.19831 (11091524) 396678.26 3767411.08 12.65805 (12020222)
396718.26 3767411.08 12.50587 (15100307) 396758.26 3767411.08 14.20793 (15100307)
396798.26 3767411.08 16.18220 (15100307) 396838.26 3767411.08 18.58446 (15100307)
396878.26 3767411.08 21.43312 (15062306) 396918.26 3767411.08 29.52281 (10072224)
396958.26 3767411.08 40.81781 (12030420) 396998.26 3767411.08 45.83093 (10092824)
397038.26 3767411.08 47.13630 (16022421) 397078.26 3767411.08 47.71823 (15091622)
397118.26 3767411.08 50.17782 (15080223) 397158.26 3767411.08 54.34358 (10110418)
397198.26 3767411.08 58.69721 (11101219) 397238.26 3767411.08 58.84246 (12090524)
397278.26 3767411.08 57.49518 (12092221) 397318.26 3767411.08 58.73819 (10121117)
397358.26 3767411.08 57.76591 (12080901) 397398.26 3767411.08 54.13533 (16091103)
397438.26 3767411.08 51.39565 (15070605) 397478.26 3767411.08 48.53643 (12082623)
397518.26 3767411.08 45.83868 (11110324) 397558.26 3767411.08 43.82192 (12091301)
397598.26 3767411.08 41.48676 (15070502) 397638.26 3767411.08 39.27627 (16111919)
397678.26 3767411.08 37.11934 (12081201) 397718.26 3767411.08 33.28798 (12071102)

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: AREA   ***
                                    INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF CO   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       396798.26   3767451.08   14.49888 (16062106)   396838.26
 3767451.08   16.44508 (15062706)
       396878.26   3767451.08   18.63577 (16012717)   396918.26
 3767451.08   25.87594 (10110223)
       396958.26   3767451.08   36.51931 (11091506)   396998.26
 3767451.08   41.12841 (15082106)
       397038.26   3767451.08   44.47935 (15093024)   397078.26
 3767451.08   44.69787 (10081902)
       397118.26   3767451.08   45.90736 (15082203)   397158.26
 3767451.08   48.99370 (15093021)
       397198.26   3767451.08   52.10191 (15091023)   397238.26
 3767451.08   52.82486 (10082320)
       397278.26   3767451.08   51.20950 (11070504)   397318.26
 3767451.08   51.72964 (12102519)
       397358.26   3767451.08   51.87606 (12082801)   397398.26

3767451.08 50.08312 (16091723)
397438.26 3767451.08 47.66597 (15101402) 397478.26
3767451.08 45.59684 (11080103)
397518.26 3767451.08 43.62907 (12091224) 397558.26
3767451.08 41.36632 (12122218)
397598.26 3767451.08 39.58907 (10081804) 397638.26
3767451.08 37.82760 (12090503)
397678.26 3767451.08 35.83090 (10082406) 397718.26
3767451.08 33.74646 (15011518)
396558.26 3767491.08 23.61721 (15100824) 396598.26
3767491.08 22.10806 (10082824)
396638.26 3767491.08 22.47587 (10082824) 396678.26
3767491.08 23.06482 (12051004)
396718.26 3767491.08 19.50145 (12111702) 396758.26
3767491.08 11.75839 (16062106)
396798.26 3767491.08 13.08619 (15062706) 396838.26
3767491.08 14.56923 (16100107)
396878.26 3767491.08 16.23389 (16012717) 396918.26
3767491.08 22.01267 (16100322)
396958.26 3767491.08 30.90512 (10010918) 396998.26
3767491.08 37.44805 (12100622)
397038.26 3767491.08 41.55589 (15093024) 397078.26
3767491.08 42.16888 (15080223)
397118.26 3767491.08 42.91950 (10071705) 397158.26
3767491.08 45.03200 (15092624)
397198.26 3767491.08 47.21264 (15081503) 397238.26
3767491.08 47.83062 (11070704)
397278.26 3767491.08 46.83958 (16093023) 397318.26
3767491.08 46.11057 (15101806)
397358.26 3767491.08 46.58681 (16092420) 397398.26
3767491.08 46.53004 (16072704)
397438.26 3767491.08 44.87350 (16091723) 397478.26
3767491.08 42.76427 (16071601)
397518.26 3767491.08 41.08452 (16072602) 397558.26
3767491.08 39.58377 (16080502)
397598.26 3767491.08 37.96298 (16101720) 397638.26
3767491.08 36.11468 (12083102)
397678.26 3767491.08 34.49944 (16061305) 397718.26
3767491.08 32.83925 (11073102)
396558.26 3767531.08 23.63594 (11070105) 396598.26
3767531.08 23.98197 (10100420)
396638.26 3767531.08 27.09826 (15040323) 396678.26
3767531.08 27.62474 (15071005)
396718.26 3767531.08 22.39926 (15040106) 396758.26
3767531.08 10.74243 (15100307)
396798.26 3767531.08 11.79364 (16100107) 396838.26
3767531.08 13.00773 (16012717)
396878.26 3767531.08 14.22508 (16012717) 396918.26
3767531.08 17.68147 (15100322)
396958.26 3767531.08 24.91141 (10072123) 396998.26

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 3767531.08       32.40262  (15100124)
       397038.26   3767531.08       38.01877  (15092023)                397078.26
 3767531.08       40.04437  (15082203)
       397118.26   3767531.08       40.53078  (16111120)                397158.26
 3767531.08       41.81017  (15092624)
       397198.26   3767531.08       43.32065  (15102720)                397238.26
 3767531.08       43.89565  (15080501)
       397278.26   3767531.08       43.30592  (15112217)                397318.26
 3767531.08       42.13265  (11082703)
       397358.26   3767531.08       41.43685  (11080124)                397398.26
 3767531.08       43.05229  (10121117)
       397438.26   3767531.08       41.54544  (16070402)                397478.26
 3767531.08       40.16752  (16081501)
       397518.26   3767531.08       38.71429  (15071702)                397558.26
 3767531.08       37.43185  (12090103)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  70
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       397598.26   3767531.08       36.25082  (15070605)                397638.26
 3767531.08       34.85683  (12091224)
       397678.26   3767531.08       33.13639  (10090403)                397718.26
 3767531.08       31.70927  (11110324)
       397320.82   3767219.11      120.82313  (16100107)                397330.82
 3767209.11      108.86374  (15062306)
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       397340.82   3767189.11      100.15285  (15062306)                397340.82
 3767199.11       95.78218  (15062306)
       397340.82   3767209.11       91.61761  (15101407)                397350.82
 3767189.11       82.35969  (16012717)
       397350.82   3767199.11       82.74340  (12102717)                397360.82
 3767189.11       69.82533  (16012717)
       397360.82   3767199.11       71.71714  (12102717)                397370.82
 3767189.11       60.93048  (15101407)
       397380.82   3767189.11       53.84754  (15101407)                396920.42
 3767167.32       86.28946  (15100307)
       396989.95   3767243.54      109.38187  (15100307)                397044.10
 3767223.97      254.78332  (10071306)
       397113.57   3767239.93      270.77955  (10071306)                397158.63
 3767280.29      228.00705  (16062106)
       397168.95   3767307.05      149.53920  (15101407)                397244.05
 3767296.72      146.26644  (15062306)
       397260.95   3767278.88      158.14343  (15062306)                397409.74
 3767205.66       52.15821  (12081306)
       397422.89   3767189.23       43.34447  (10093021)                397426.64
 3767180.78       41.31667  (15111602)
       397420.54   3767170.46       39.28691  (15111602)                397318.68
 3767160.13      147.25271  (16062106)
       397022.98   3767083.62      148.55570  (16062406)                396943.60
 3767192.73      118.03637  (15100307)
       396966.77   3767218.13      125.25753  (15100307)                397017.03
 3767233.75      188.28217  (15100307)
       397078.83   3767231.95      264.04691  (10071306)                397136.10
 3767260.11      250.56273  (16062106)
       397206.50   3767301.88      161.04032  (15062306)                397298.15
 3767260.58      110.23618  (15062706)
       397335.34   3767242.27       80.40041  (12012517)                397372.54
 3767223.96       62.88807  (16102818)
       397386.59   3767167.02       48.78750  (16112016)                397352.63
 3767163.57       75.82837  (15062306)
       397276.44   3767149.20      187.31591  (10071306)                397234.19
 3767138.27      190.08040  (10071306)
       397191.95   3767127.34      199.55956  (16062406)                397149.71
 3767116.41      207.33889  (10071306)
       397107.47   3767105.48      204.93298  (16062406)                397065.22
 3767094.55      188.58273  (16062406)
       396988.79   3767111.52      160.39473  (16062406)                396954.61
 3767139.42      158.96880  (16062406)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:18:19

                                  PAGE  71
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): EG01 , EG08 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3766771.08	15.66340	(15100706)	396598.26	3766771.08	17.79163	(11123007)
396638.26	3766771.08	21.16991	(11121507)	396678.26	3766771.08	25.52051	(12021618)
396718.26	3766771.08	29.86282	(16010806)	396758.26	3766771.08	32.15596	(16112307)
396798.26	3766771.08	33.38477	(16042006)	396838.26	3766771.08	36.61183	(16040106)
396878.26	3766771.08	39.12060	(12013107)	396918.26	3766771.08	40.99703	(16122306)
396958.26	3766771.08	45.08094	(12111407)	396998.26	3766771.08	45.07813	(16120607)
397038.26	3766771.08	43.61051	(10120307)	397078.26	3766771.08	41.84384	(16122908)
397118.26	3766771.08	39.31375	(16120607)	397158.26	3766771.08	37.23256	(16111107)
397198.26	3766771.08	33.64993	(16122108)	397238.26	3766771.08	32.93267	(16122907)
397278.26	3766771.08	34.80881	(10120708)	397318.26	3766771.08	37.83114	(10112308)
397358.26	3766771.08	38.76753	(10041306)	397398.26	3766771.08	35.83166	(12122608)
397438.26	3766771.08	33.91018	(10112607)	397478.26	3766771.08	34.92459	(10111106)
397518.26	3766771.08	33.92017	(10012706)	397558.26	3766771.08	30.84943	(11011017)
397598.26	3766771.08	29.89479	(10011108)	397638.26	3766771.08	27.11984	(12020606)
397678.26	3766771.08	25.17076	(16091906)	397718.26			

3766771.08 23.11797 (12101115)
396558.26 3766811.08 16.41828 (10042106) 396598.26
3766811.08 18.97775 (10042106)
396638.26 3766811.08 22.71240 (16022607) 396678.26
3766811.08 26.47898 (15021007)
396718.26 3766811.08 30.49783 (12021618) 396758.26
3766811.08 33.56041 (16010806)
396798.26 3766811.08 36.28212 (16022206) 396838.26
3766811.08 39.12357 (15102806)
396878.26 3766811.08 43.00347 (12020207) 396918.26
3766811.08 45.29143 (16120807)
396958.26 3766811.08 49.16694 (16121606) 396998.26
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3766811.08 46.93346 (15031106)
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3766811.08 41.63508 (16111107)
397198.26 3766811.08 40.22798 (10010407) 397238.26
3766811.08 37.80914 (10112308)
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3766811.08 42.69628 (12072506)
397358.26 3766811.08 41.84799 (12072506) 397398.26
3766811.08 38.81487 (10112607)
397438.26 3766811.08 40.93262 (12101207) 397478.26
3766811.08 40.23755 (10050306)
397518.26 3766811.08 36.33605 (12122008) 397558.26
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397598.26 3766811.08 31.89247 (10080606) 397638.26
3766811.08 30.60073 (10011108)
397678.26 3766811.08 27.69305 (10020806) 397718.26
3766811.08 24.64755 (10011407)
396558.26 3766851.08 16.64264 (11111607) 396598.26
3766851.08 19.42755 (15112607)
396638.26 3766851.08 23.00693 (10042106) 396678.26
3766851.08 27.12908 (11123007)
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3766851.08 34.25237 (16010806)
396798.26 3766851.08 39.15537 (16010806) 396838.26
3766851.08 42.41788 (15011906)
396878.26 3766851.08 46.10794 (15092106) 396918.26
3766851.08 50.06004 (15111006)
396958.26 3766851.08 52.02035 (16122306) 396998.26
3766851.08 56.09371 (16030806)
397038.26 3766851.08 55.22772 (12031906) 397078.26
3766851.08 53.43333 (15031106)
397118.26 3766851.08 50.83613 (16122608) 397158.26
3766851.08 46.08439 (16011808)
397198.26 3766851.08 48.77895 (16122907) 397238.26
3766851.08 46.71707 (10112308)
397278.26 3766851.08 48.36700 (10051206) 397318.26

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF CO   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        397358.26   3766851.08   44.20312 (12101207)   397398.26   3766851.08   46.82589 (12101207)
        397438.26   3766851.08   46.40658 (10012706)   397478.26   3766851.08   43.01169 (12101207)
        397518.26   3766851.08   42.12621 (10040206)   397558.26   3766851.08   39.39422 (10080606)
        397598.26   3766851.08   35.99871 (15122506)   397638.26   3766851.08   32.82040 (10050306)
        397678.26   3766851.08   28.42603 (12101115)   397718.26   3766851.08   25.13950 (12101115)
        396558.26   3766891.08   17.81746 (16011306)   396598.26   3766891.08   19.77551 (15100906)
        396638.26   3766891.08   23.00466 (15100906)   396678.26   3766891.08   27.91400 (10042106)
        396718.26   3766891.08   32.25473 (11123007)   396758.26   3766891.08   35.77576 (16111406)
        396798.26   3766891.08   40.31071 (16010806)   396838.26   3766891.08   46.16021 (12021618)
        396878.26   3766891.08   50.04257 (16110406)   396918.26   3766891.08   53.35732 (16040106)

396958.26 3766891.08 57.28344 (12102406) 396998.26 3766891.08 61.38054 (16121606)
397038.26 3766891.08 61.69217 (10111507) 397078.26 3766891.08 61.13721 (16122108)
397118.26 3766891.08 58.06083 (16110107) 397158.26 3766891.08 53.02692 (11011308)
397198.26 3766891.08 55.09685 (11011308) 397238.26 3766891.08 55.06996 (10112308)
397278.26 3766891.08 57.99059 (12020606) 397318.26 3766891.08 52.64332 (10021807)
397358.26 3766891.08 54.53495 (12101207) 397398.26 3766891.08 53.82735 (10012706)
397438.26 3766891.08 49.91550 (10011108) 397478.26 3766891.08 48.60923 (11040406)
397518.26 3766891.08 45.71187 (10011108) 397558.26 3766891.08 43.12082 (10032606)
397598.26 3766891.08 37.13638 (15111018) 397638.26 3766891.08 33.54734 (11020807)
397678.26 3766891.08 32.05625 (11020807) 397718.26 3766891.08 27.82764 (12072606)
396558.26 3766931.08 18.33813 (16011306) 396598.26 3766931.08 20.93846 (12022306)
396638.26 3766931.08 24.40060 (15110507) 396678.26 3766931.08 27.46907 (10102906)
396718.26 3766931.08 32.56192 (10042106) 396758.26 3766931.08 38.03162 (16012807)
396798.26 3766931.08 42.98411 (15110506) 396838.26 3766931.08 47.42503 (16010806)
396878.26 3766931.08 54.34122 (12100906) 396918.26 3766931.08 58.37018 (16110406)
396958.26 3766931.08 63.37123 (12020207) 396998.26 3766931.08 67.21153 (16121606)
397038.26 3766931.08 72.29389 (16091506) 397078.26 3766931.08 71.45759 (16110107)
397118.26 3766931.08 68.09659 (10112206) 397158.26 3766931.08 65.85664 (10010406)
397198.26 3766931.08 67.04273 (10010406) 397238.26 3766931.08 67.21014 (10120107)
397278.26 3766931.08 66.25133 (12122608) 397318.26 3766931.08 64.81005 (12101207)
397358.26 3766931.08 66.90412 (10012706) 397398.26 3766931.08 62.32269 (10021807)
397438.26 3766931.08 57.28977 (10011108) 397478.26 3766931.08 53.31841 (10032606)
397518.26 3766931.08 49.69094 (10111106) 397558.26 3766931.08 44.14182 (12122008)
397598.26 3766931.08 42.36648 (11020807) 397638.26 3766931.08 37.00035 (10040206)
397678.26 3766931.08 32.94121 (10022418) 397718.26 3766931.08 28.35141 (16091906)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 , L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396958.26	3766971.08	70.86102	(15102806)	396998.26	3766971.08	78.60807	(16040606)
397038.26	3766971.08	86.01382	(16030806)	397078.26	3766971.08	84.67236	(10120307)
397118.26	3766971.08	86.95368	(16120707)	397158.26	3766971.08	95.61693	(10042206)
397198.26	3766971.08	97.11997	(10021807)	397238.26	3766971.08	85.49625	(10030507)
397278.26	3766971.08	77.87202	(10050306)	397318.26	3766971.08	79.53604	(10020206)
397358.26	3766971.08	78.02662	(11021507)	397398.26			

3766971.08 69.41959 (15122506)
397438.26 3766971.08 66.12428 (10011407) 397478.26
3766971.08 57.98745 (12122008)
397518.26 3766971.08 55.22314 (11020807) 397558.26
3766971.08 48.24320 (10040206)
397598.26 3766971.08 44.31586 (12072606) 397638.26
3766971.08 37.60589 (12122718)
397678.26 3766971.08 33.48364 (15122506) 397718.26
3766971.08 27.79503 (15122506)
396558.26 3767011.08 18.89370 (10102715) 396598.26
3767011.08 20.73207 (10102715)
396638.26 3767011.08 23.74486 (15110507) 396678.26
3767011.08 27.83724 (10102906)
396718.26 3767011.08 33.34455 (12021517) 396758.26
3767011.08 39.33636 (16011306)
396798.26 3767011.08 45.07568 (15110507) 396838.26
3767011.08 52.21724 (15031307)
396878.26 3767011.08 62.12162 (11123007) 396918.26
3767011.08 70.90933 (16011507)
396958.26 3767011.08 82.61194 (10122807) 396998.26
3767011.08 92.28982 (12020207)
397038.26 3767011.08 103.16904 (16121606) 397078.26
3767011.08 122.55480 (11122906)
397118.26 3767011.08 123.66466 (10012706) 397158.26
3767011.08 129.45124 (16121606)
397198.26 3767011.08 152.66731 (10021807) 397238.26
3767011.08 152.43132 (12122008)
397278.26 3767011.08 115.29326 (10011407) 397318.26
3767011.08 87.46892 (15122506)
397358.26 3767011.08 84.96231 (11021507) 397398.26
3767011.08 81.35841 (10011407)
397438.26 3767011.08 71.42581 (11020807) 397478.26
3767011.08 62.43632 (12072606)
397518.26 3767011.08 56.68429 (16091906) 397558.26
3767011.08 51.17456 (12072606)
397598.26 3767011.08 42.59478 (15122506) 397638.26
3767011.08 35.25072 (15122507)
397678.26 3767011.08 31.62049 (12091206) 397718.26
3767011.08 28.54828 (12041106)
396558.26 3767051.08 19.66745 (10041308) 396598.26
3767051.08 22.07804 (10041308)
396638.26 3767051.08 24.65791 (10041308) 396678.26
3767051.08 28.37789 (11040606)
396718.26 3767051.08 32.42144 (10032906) 396758.26
3767051.08 37.11776 (12020206)
396798.26 3767051.08 45.17418 (16011306) 396838.26
3767051.08 53.80352 (12022306)
396878.26 3767051.08 64.54666 (12120606) 396918.26
3767051.08 80.38442 (16012807)
396958.26 3767051.08 95.67553 (10120907) 396998.26

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 3767051.08      121.60845  (16123008)
       397038.26   3767051.08      182.65001  (16092306)                397078.26
 3767051.08      179.95855  (16122608)
       397118.26   3767051.08      163.02894  (10042206)                397158.26
 3767051.08      169.15735  (11011017)
       397198.26   3767051.08      163.54143  (10052706)                397238.26
 3767051.08      163.38540  (12101207)
       397278.26   3767051.08      157.13277  (10020806)                397318.26
 3767051.08      124.18287  (12122718)
       397358.26   3767051.08       92.80662  (10080606)                397398.26
 3767051.08       87.62527  (10122908)
       397438.26   3767051.08       76.14037  (10122908)                397478.26
 3767051.08       64.46412  (15122506)
       397518.26   3767051.08       53.87427  (15122507)                397558.26
 3767051.08       48.74992  (10011407)
       397598.26   3767051.08       44.09180  (11020807)                397638.26
 3767051.08       38.41160  (16022406)
       397678.26   3767051.08       35.18667  (16022406)                397718.26
 3767051.08       31.99844  (10022418)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

                                  PAGE  74
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396558.26   3767091.08       19.63525  (11111806)                396598.26
 3767091.08       22.39042  (12080906)
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396638.26 3767091.08 25.12336 (11111806) 396678.26 3767091.08 28.74597 (10102715)
396718.26 3767091.08 33.48843 (10102715) 396758.26 3767091.08 38.44268 (10041308)
396798.26 3767091.08 45.07173 (11040606) 396838.26 3767091.08 53.22605 (10021911)
396878.26 3767091.08 66.69492 (16011306) 396918.26 3767091.08 85.48694 (10032510)
396958.26 3767091.08 113.08241 (16012807) 396998.26 3767091.08 204.51481 (10120907)
397078.26 3767091.08 200.49836 (11011006) 397118.26 3767091.08 188.55510 (11011308)
397158.26 3767091.08 198.34457 (10030507) 397198.26 3767091.08 178.35453 (10020406)
397238.26 3767091.08 172.73911 (10080606) 397278.26 3767091.08 160.86157 (15111018)
397318.26 3767091.08 138.92644 (10022418) 397358.26 3767091.08 96.81417 (12072606)
397398.26 3767091.08 88.56336 (12122607) 397438.26 3767091.08 76.51194 (12122607)
397478.26 3767091.08 69.96731 (10040806) 397518.26 3767091.08 61.29310 (10040806)
397558.26 3767091.08 56.32829 (12041106) 397598.26 3767091.08 49.08769 (12120507)
397638.26 3767091.08 44.28921 (12122718) 397678.26 3767091.08 37.87521 (12122718)
397718.26 3767091.08 32.20698 (12122718) 396558.26 3767131.08 19.82328 (11031406)
396598.26 3767131.08 22.38097 (11121207) 396638.26 3767131.08 25.81215 (10021911)
396678.26 3767131.08 28.45508 (10100509) 396718.26 3767131.08 32.53077 (11121914)
396758.26 3767131.08 37.87158 (10041308) 396798.26 3767131.08 45.22821 (10111118)
396838.26 3767131.08 54.15680 (10032510) 396878.26 3767131.08 67.95099 (11040606)
396918.26 3767131.08 90.06255 (10100510) 396958.26 3767131.08 159.15589 (15031307)
397238.26 3767131.08 183.94764 (12122718) 397278.26 3767131.08 178.88725 (10032606)
397318.26 3767131.08 140.42754 (12091206) 397358.26 3767131.08 116.37023 (12122718)
397398.26 3767131.08 92.35073 (15030518) 397438.26 3767131.08 80.26999 (16022406)
397478.26 3767131.08 81.85666 (12041106) 397518.26 3767131.08 70.80029 (12041106)
397558.26 3767131.08 61.87580 (15122507) 397598.26 3767131.08 49.61533 (10122907)
397638.26 3767131.08 42.73054 (15101918) 397678.26 3767131.08 37.74055 (11032206)

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       397718.26   3767131.08       32.82189  (12041106)               396558.26
 3767171.08       21.03511  (15021118)
       396598.26   3767171.08       23.48430  (12112917)               396638.26
 3767171.08       26.58036  (15021117)
       396678.26   3767171.08       29.46490  (15021118)               396718.26
 3767171.08       32.59384  (10122106)
       396758.26   3767171.08       37.82643  (10122106)               396798.26
 3767171.08       45.43714  (11122216)
       396838.26   3767171.08       55.47147  (10122106)               396878.26
 3767171.08       70.43233  (10111118)
       396918.26   3767171.08       96.46005  (11031406)               397438.26
 3767171.08       84.22447  (16022406)
       397478.26   3767171.08       75.38020  (10122306)               397518.26
 3767171.08       61.09068  (12110707)
       397558.26   3767171.08       53.58543  (16022406)               397598.26
 3767171.08       47.05284  (11110107)
       397638.26   3767171.08       41.38113  (15101918)               397678.26
 3767171.08       36.14477  (12120507)
       397718.26   3767171.08       31.46108  (12120507)               396558.26
 3767211.08       22.49951  (11083006)
       396598.26   3767211.08       25.69204  (11083006)               396638.26
 3767211.08       29.12777  (11083006)
       396678.26   3767211.08       32.57349  (11020917)               396718.26
 3767211.08       35.95102  (12112917)
       396758.26   3767211.08       40.46271  (12112917)               396798.26
 3767211.08       47.41175  (11083006)
       396838.26   3767211.08       57.47856  (10100518)               396878.26
 3767211.08       71.68853  (11091906)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  75
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                               *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396918.26	3767211.08	93.12541	(10100518)	396958.26	3767211.08	126.88483	(12112917)
397438.26	3767211.08	105.13393	(12020706)	397478.26	3767211.08	89.24038	(12020706)
397518.26	3767211.08	70.05226	(16102818)	397558.26	3767211.08	55.12118	(10122907)
397598.26	3767211.08	45.78046	(16102818)	397638.26	3767211.08	40.30205	(16020418)
397678.26	3767211.08	35.74413	(10092806)	397718.26	3767211.08	31.43973	(10092806)
396558.26	3767251.08	22.24657	(10100509)	396598.26	3767251.08	24.88308	(10092112)
396638.26	3767251.08	28.50051	(10092112)	396678.26	3767251.08	32.78041	(15122816)
396718.26	3767251.08	36.39943	(11083006)	396758.26	3767251.08	39.84663	(15020607)
396798.26	3767251.08	45.69608	(11091906)	396838.26	3767251.08	54.42849	(11091906)
396878.26	3767251.08	67.21048	(10111006)	396918.26	3767251.08	89.48092	(10110207)
396958.26	3767251.08	110.19845	(10101406)	396998.26	3767251.08	144.20393	(15020607)
397038.26	3767251.08	127.97140	(15101407)	397078.26	3767251.08	167.54285	(15100307)
397118.26	3767251.08	257.38417	(10071306)	397318.26	3767251.08	161.52265	(12121017)
397358.26	3767251.08	132.73704	(10010117)	397398.26	3767251.08	118.39425	(11022306)
397438.26	3767251.08	104.19714	(15072206)	397478.26	3767251.08	93.27240	(10092806)
397518.26	3767251.08	78.85790	(16022418)	397558.26	3767251.08	67.38036	(16020418)
397598.26	3767251.08	56.48366	(11022806)	397638.26	3767251.08	44.55772	(11020206)
397678.26	3767251.08	38.43748	(10021106)	397718.26	3767251.08	32.75895	(10021106)
396558.26	3767291.08	36.40577	(10122706)	396598.26	3767291.08	35.13227	(10110207)
396638.26	3767291.08	37.05234	(16010707)	396678.26	3767291.08	35.38602	(10112506)
396718.26	3767291.08	35.24434	(10120807)	396758.26	3767291.08	37.62557	(15020607)
396798.26	3767291.08	41.64529	(10012606)	396838.26			

3767291.08   49.38251 (16011806)
       396878.26   3767291.08   62.69993 (11012806)   396918.26
3767291.08   82.04604 (11011207)
       396958.26   3767291.08   93.38634 (11021706)   396998.26
3767291.08   104.61887 (11052406)
       397038.26   3767291.08   114.84014 (10011406)   397078.26
3767291.08   137.82390 (15122118)
       397118.26   3767291.08   124.00024 (12012518)   397158.26
3767291.08   201.58869 (15100307)
       397278.26   3767291.08   163.80628 (11112217)   397318.26
3767291.08   143.95266 (11102718)
       397358.26   3767291.08   124.60145 (15030618)   397398.26
3767291.08   110.85895 (16092818)
       397438.26   3767291.08   98.01913 (11112118)   397478.26
3767291.08   89.21062 (12120407)
       397518.26   3767291.08   81.92114 (10102207)   397558.26
3767291.08   72.30442 (10102207)
       397598.26   3767291.08   66.46644 (11022306)   397638.26
3767291.08   55.36451 (15072206)
       397678.26   3767291.08   41.63871 (11012006)   397718.26
3767291.08   34.52781 (10021106)
       396558.26   3767331.08   41.96661 (15020607)   396598.26
3767331.08   43.85803 (16051106)
       396638.26   3767331.08   45.06251 (16010508)   396678.26
3767331.08   40.43349 (11021007)
       396718.26   3767331.08   36.17532 (11012806)   396758.26
3767331.08   36.73953 (16011806)
       396798.26   3767331.08   39.80445 (11021706)   396838.26
3767331.08   45.52950 (11081506)
       396878.26   3767331.08   55.55801 (10111917)   396918.26
3767331.08   71.96893 (11081506)
       396958.26   3767331.08   80.18039 (10010706)   396998.26
3767331.08   83.55308 (15090206)
       397038.26   3767331.08   83.27356 (15033006)   397078.26
3767331.08   116.34487 (11123018)
       397118.26   3767331.08   152.03047 (11121608)   397158.26
3767331.08   177.04673 (12112818)

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007

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 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CO       IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        397198.26   3767331.08      184.49141  (10022606)               397238.26
 3767331.08      174.12686  (15010117)
        397278.26   3767331.08      153.47649  (16011318)               397318.26
 3767331.08      125.67461  (12101918)
        397358.26   3767331.08      110.83132  (10102018)               397398.26
 3767331.08      102.71921  (16092818)
        397438.26   3767331.08       94.62030  (10102018)               397478.26
 3767331.08       84.79277  (16092318)
        397518.26   3767331.08       77.49221  (12121318)               397558.26
 3767331.08       70.07171  (11112118)
        397598.26   3767331.08       62.91579  (11101218)               397638.26
 3767331.08       59.09390  (15011517)
        397678.26   3767331.08       49.26316  (11110718)               397718.26
 3767331.08       36.45697  (16112917)
        396558.26   3767371.08       41.46843  (11011207)               396598.26
 3767371.08       42.39411  (11111817)
        396638.26   3767371.08       42.17809  (10012606)               396678.26
 3767371.08       34.71968  (10111206)
        396718.26   3767371.08       32.23757  (11081906)               396758.26
 3767371.08       34.93209  (15022007)
        396798.26   3767371.08       37.22947  (10011406)               396838.26
 3767371.08       39.62705  (10090810)
        396878.26   3767371.08       42.99245  (11020707)               396918.26
 3767371.08       58.48424  (10040606)
        396958.26   3767371.08       66.05599  (11090106)               396998.26
 3767371.08       70.26926  (16030406)
        397038.26   3767371.08       71.19327  (11030407)               397078.26
 3767371.08       86.71370  (15122118)
        397118.26   3767371.08      103.45829  (12120718)               397158.26
 3767371.08      132.46635  (12101206)
        397198.26   3767371.08      125.02877  (10092906)               397238.26
 3767371.08      124.90920  (12041006)
        397278.26   3767371.08      121.05108  (10012818)               397318.26
 3767371.08      111.95141  (12120418)
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       397358.26   3767371.08      102.00250  (12101918)               397398.26
 3767371.08       93.99099  (15012118)
       397438.26   3767371.08       86.87880  (10102018)               397478.26
 3767371.08       80.02854  (12122817)
       397518.26   3767371.08       75.04652  (16092818)               397558.26
 3767371.08       68.82689  (10040906)
       397598.26   3767371.08       63.28859  (16092818)               397638.26
 3767371.08       57.54544  (11022306)
       397678.26   3767371.08       52.21230  (11112118)               397718.26
 3767371.08       42.06872  (15021906)
       396558.26   3767411.08       40.58723  (10011406)               396598.26
 3767411.08       37.94314  (16011806)
       396638.26   3767411.08       33.50047  (10010708)               396678.26
 3767411.08       29.20124  (12020317)
       396718.26   3767411.08       29.57463  (12022007)               396758.26
 3767411.08       31.31489  (11112015)
       396798.26   3767411.08       32.13055  (10090810)               396838.26
 3767411.08       34.47482  (10061609)
       396878.26   3767411.08       37.35743  (15051308)               396918.26
 3767411.08       47.29289  (10112406)
       396958.26   3767411.08       58.74500  (11080906)               396998.26
 3767411.08       60.74853  (11030407)
       397038.26   3767411.08       58.61367  (11121917)               397078.26
 3767411.08       73.84505  (15122118)
       397118.26   3767411.08       87.17724  (15122118)               397158.26
 3767411.08       99.35913  (16012518)
       397198.26   3767411.08      104.33549  (16102618)               397238.26
 3767411.08      108.23781  (15102318)
       397278.26   3767411.08      104.77145  (11080306)               397318.26
 3767411.08      101.91220  (16011918)
       397358.26   3767411.08       94.64715  (12120618)               397398.26
 3767411.08       87.08465  (16111818)
       397438.26   3767411.08       81.91823  (16121318)               397478.26
 3767411.08       75.22016  (12091106)
       397518.26   3767411.08       69.13000  (15012318)               397558.26
 3767411.08       64.97238  (11072906)
       397598.26   3767411.08       61.00265  (11112118)               397638.26
 3767411.08       56.65044  (10102018)
       397678.26   3767411.08       51.26207  (10040906)               397718.26
 3767411.08       47.04764  (10021207)
       396558.26   3767451.08       37.14648  (15090206)               396598.26
 3767451.08       36.05828  (11111817)
       396638.26   3767451.08       31.00060  (10111206)               396678.26
 3767451.08       29.56563  (10111206)
       396718.26   3767451.08       28.48932  (16010618)               396758.26
 3767451.08       27.90783  (12121218)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       13:18:19
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): EG01 , EG08 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396798.26	3767451.08	29.49569	(12032306)	396838.26	3767451.08	30.96482	(10052607)
396878.26	3767451.08	32.57251	(12121218)	396918.26	3767451.08	41.83444	(10022306)
396958.26	3767451.08	50.78420	(10080406)	396998.26	3767451.08	52.55755	(11031418)
397038.26	3767451.08	53.09771	(11010507)	397078.26	3767451.08	62.74669	(15122118)
397118.26	3767451.08	75.61307	(11123018)	397158.26	3767451.08	83.76314	(12120718)
397198.26	3767451.08	90.75309	(10102206)	397238.26	3767451.08	95.43508	(16102618)
397278.26	3767451.08	93.88115	(12090506)	397318.26	3767451.08	90.94531	(11080306)
397358.26	3767451.08	88.28851	(11012518)	397398.26	3767451.08	82.46511	(15100918)
397438.26	3767451.08	75.66919	(16112318)	397478.26	3767451.08	70.99115	(15012318)
397518.26	3767451.08	66.03581	(12101918)	397558.26	3767451.08	61.36132	(12101518)
397598.26	3767451.08	57.09071	(11102718)	397638.26	3767451.08	53.75896	(11072906)
397678.26	3767451.08	49.73066	(11112118)	397718.26	3767451.08	46.54131	(16092818)
396558.26	3767491.08	34.58602	(10011406)	396598.26			

3767491.08 34.23518 (12121218)
396638.26 3767491.08 35.32824 (15010617) 396678.26
3767491.08 36.88788 (15090206)
396718.26 3767491.08 34.00500 (11030206) 396758.26
3767491.08 25.28602 (11081906)
396798.26 3767491.08 26.49174 (10121615) 396838.26
3767491.08 28.40102 (10121615)
396878.26 3767491.08 30.63225 (11021816) 396918.26
3767491.08 37.24054 (11021106)
396958.26 3767491.08 42.55020 (10122008) 396998.26
3767491.08 48.09808 (11010507)
397038.26 3767491.08 44.89329 (10020117) 397078.26
3767491.08 54.56759 (11123018)
397118.26 3767491.08 66.74554 (15122118) 397158.26
3767491.08 72.07279 (11121608)
397198.26 3767491.08 81.49001 (12121018) 397238.26
3767491.08 83.41941 (10102106)
397278.26 3767491.08 85.80637 (12122118) 397318.26
3767491.08 83.28958 (12090506)
397358.26 3767491.08 80.57419 (10112517) 397398.26
3767491.08 78.32074 (15080506)
397438.26 3767491.08 72.42874 (15100918) 397478.26
3767491.08 66.62341 (16111818)
397518.26 3767491.08 63.10619 (12120418) 397558.26
3767491.08 59.28984 (16121318)
397598.26 3767491.08 55.19695 (11032506) 397638.26
3767491.08 50.28042 (11111518)
397678.26 3767491.08 47.41893 (11102718) 397718.26
3767491.08 44.33163 (12122817)
396558.26 3767531.08 33.38515 (11081906) 396598.26
3767531.08 34.57322 (15090206)
396638.26 3767531.08 37.11647 (16020818) 396678.26
3767531.08 38.13322 (11030206)
396718.26 3767531.08 34.26523 (11030407) 396758.26
3767531.08 23.03622 (10121615)
396798.26 3767531.08 24.06204 (10040917) 396838.26
3767531.08 27.80154 (10011216)
396878.26 3767531.08 29.07829 (10100516) 396918.26
3767531.08 31.34127 (10111918)
396958.26 3767531.08 35.58605 (10100618) 396998.26
3767531.08 41.33953 (10092306)
397038.26 3767531.08 40.36701 (16102406) 397078.26
3767531.08 49.53997 (11123018)
397118.26 3767531.08 61.02067 (15122118) 397158.26
3767531.08 64.97417 (11112917)
397198.26 3767531.08 73.28871 (10100406) 397238.26
3767531.08 75.74941 (10100406)
397278.26 3767531.08 77.72919 (12120706) 397318.26
3767531.08 76.55161 (12110907)
397358.26 3767531.08 73.06664 (12090506) 397398.26

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   EG01   , EG08
, EG24   , L0000001   , L0000002   ,
                L0000003   , L0000004   , L0000005   , L0000006   , L0000007
, L0000008   , L0000009   , L0000010   ,
                L0000011   , L0000012   , L0000013   , L0000014   , L0000015
, L0000016   , L0000017   , L0000018   ,
                L0000019   , L0000020   , L0000021   , L0000022   , L0000023
, L0000024   , L0000025   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       397598.26   3767531.08   52.73202 (15012318)   397638.26
3767531.08   48.55720 (12101918)
       397678.26   3767531.08   45.35832 (12122817)   397718.26
3767531.08   42.05695 (10113017)
       397320.82   3767219.11   175.04290 (10073006)   397330.82
3767209.11   172.00936 (16020418)
       397340.82   3767189.11   184.37836 (10070506)   397340.82
3767199.11   172.96200 (12091206)
       397340.82   3767209.11   165.47872 (15072206)   397350.82
3767189.11   172.68482 (11032206)
       397350.82   3767199.11   160.20346 (11032206)   397360.82
3767189.11   144.29971 (10070506)
       397360.82   3767199.11   137.68417 (16022418)   397370.82
3767189.11   110.84277 (16022418)
       397380.82   3767189.11   98.94365 (15101918)   396920.42
3767167.32   99.17603 (11031406)

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       396989.95   3767243.54      143.61470  (15122816)                397044.10
 3767223.97      255.07186  (15093007)
       397113.57   3767239.93      271.01420  (10071306)                397158.63
 3767280.29      228.02179  (15100307)
       397168.95   3767307.05      149.86431  (15101407)                397244.05
 3767296.72      169.75494  (15100718)
       397260.95   3767278.88      160.77921  (16101118)                397409.74
 3767205.66      103.72612  (11012007)
       397422.89   3767189.23       92.69864  (11012007)                397426.64
 3767180.78       89.24444  (15111606)
       397420.54   3767170.46       86.11845  (16022406)                397318.68
 3767160.13      160.20370  (10040806)
       397022.98   3767083.62      207.78052  (16101907)                396943.60
 3767192.73      123.26089  (11083006)
       396966.77   3767218.13      133.49796  (12112917)                397017.03
 3767233.75      188.28232  (15062706)
       397078.83   3767231.95      264.30015  (15093007)                397136.10
 3767260.11      250.57254  (15100307)
       397206.50   3767301.88      161.09465  (15062706)                397298.15
 3767260.58      166.70743  (11112118)
       397335.34   3767242.27      149.18447  (11022806)                397372.54
 3767223.96      118.63268  (16022418)
       397386.59   3767167.02       99.69978  (15111606)                397352.63
 3767163.57      147.68457  (10022418)
       397276.44   3767149.20      188.30320  (15062306)                397234.19
 3767138.27      193.41642  (11020807)
       397191.95   3767127.34      203.43875  (15122506)                397149.71
 3767116.41      209.17043  (16012717)
       397107.47   3767105.48      209.10472  (16030107)                397065.22
 3767094.55      215.26055  (12031407)
       396988.79   3767111.52      213.62633  (15102707)                396954.61
 3767139.42      159.52697  (15100307)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  79
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                   INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                  **
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3766771.08	5.36456	(10121716)	396598.26	3766771.08	6.18778	(10020516)
396638.26	3766771.08	7.10728	(10020516)	396678.26	3766771.08	7.79345	(10020516)
396718.26	3766771.08	9.25668m	(16012908)	396758.26	3766771.08	10.10921m	(16012908)
396798.26	3766771.08	9.93735m	(16012908)	396838.26	3766771.08	10.34881	(16121408)
396878.26	3766771.08	11.06782	(16121408)	396918.26	3766771.08	12.75829	(16122308)
396958.26	3766771.08	13.14551	(16122308)	396998.26	3766771.08	12.38307	(16122308)
397038.26	3766771.08	12.65406	(16122908)	397078.26	3766771.08	13.42532	(16122908)
397118.26	3766771.08	12.32644	(16122908)	397158.26	3766771.08	10.92390	(16122908)
397198.26	3766771.08	9.76835	(16122908)	397238.26	3766771.08	9.08555	(10010408)
397278.26	3766771.08	9.22929	(10010408)	397318.26	3766771.08	8.02037	(10010408)
397358.26	3766771.08	6.63362	(10010408)	397398.26	3766771.08	6.69490	(11011308)
397438.26	3766771.08	6.76230	(11011308)	397478.26	3766771.08	5.96013	(11011308)
397518.26	3766771.08	5.97629	(11011308)	397558.26	3766771.08	5.57784	(10020808)
397598.26	3766771.08	5.60186	(10020808)	397638.26	3766771.08	5.37658	(10020808)
397678.26	3766771.08	4.95222	(10020808)	397718.26	3766771.08	4.39527	(10020808)
396558.26	3766811.08	5.46478	(10121716)	396598.26	3766811.08	6.30968	(10121716)
396638.26	3766811.08	7.42836	(10121716)	396678.26	3766811.08	8.54545	(10020516)
396718.26	3766811.08	9.31418	(10121716)	396758.26	3766811.08	10.30408m	(16012908)
396798.26	3766811.08	11.26741m	(16012908)	396838.26	3766811.08	11.42387m	(16012908)
396878.26	3766811.08	12.12330	(16121408)	396918.26	3766811.08	13.45244	(16122308)
396958.26	3766811.08	14.62150	(16122308)	396998.26	3766811.08	14.21874	(16122308)
397038.26	3766811.08	13.51245	(16122908)	397078.26	3766811.08	14.62083	(16122908)
397118.26	3766811.08	13.67059	(16122908)	397158.26			

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 3766811.08       12.26408  (16122908)
       397198.26   3766811.08       10.91069  (16122908)                397238.26
 3766811.08       10.26116  (10010408)
       397278.26   3766811.08        9.44913  (10010408)                397318.26
 3766811.08        7.67377  (10010408)
       397358.26   3766811.08        7.38753  (11011308)                397398.26
 3766811.08        7.83021  (11011308)
       397438.26   3766811.08        7.53623  (11011308)                397478.26
 3766811.08        7.05961  (11011308)
       397518.26   3766811.08        6.60618  (10020808)                397558.26
 3766811.08        6.61897  (10020808)
       397598.26   3766811.08        6.31485  (10020808)                397638.26
 3766811.08        5.77120  (10020808)
       397678.26   3766811.08        5.09679  (10020808)                397718.26
 3766811.08        4.55919  (15122524)
       396558.26   3766851.08        5.38525  (11021816)                396598.26
 3766851.08        6.31329  (10121716)
       396638.26   3766851.08        7.48978  (10121716)                396678.26
 3766851.08        8.84629  (10121716)
       396718.26   3766851.08       10.05762  (10121716)                396758.26
 3766851.08       11.03523  (10121716)
       396798.26   3766851.08       12.14007  (10121716)                396838.26
 3766851.08       13.03182m (16012908)
       396878.26   3766851.08       13.09109m (16012908)                396918.26
 3766851.08       14.71305  (16122816)
       396958.26   3766851.08       15.74384  (16122816)                396998.26
 3766851.08       15.92876  (16122308)
       397038.26   3766851.08       14.72184  (16122308)                397078.26
 3766851.08       15.91196  (16122908)
       397118.26   3766851.08       14.94188  (16122908)                397158.26
 3766851.08       13.38863  (16122908)
       397198.26   3766851.08       12.16227  (16122908)                397238.26
 3766851.08       11.56321  (10010408)
       397278.26   3766851.08        9.57142  (10010408)                397318.26
 3766851.08        7.98496  (10012708)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397358.26	3766851.08	8.76075	(11011308)	397398.26	3766851.08	9.40946	(11011308)
397438.26	3766851.08	8.28343	(11011308)	397478.26	3766851.08	7.79627	(11011308)
397518.26	3766851.08	7.73443	(10020808)	397558.26	3766851.08	7.31447	(10020808)
397598.26	3766851.08	6.61403	(10020808)	397638.26	3766851.08	5.77964	(10020808)
397678.26	3766851.08	5.56514	(11030908)	397718.26	3766851.08	5.28330	(11030908)
396558.26	3766891.08	5.93479	(11021816)	396598.26	3766891.08	6.50054	(11021816)
396638.26	3766891.08	7.40145	(10121716)	396678.26	3766891.08	8.97608	(10121716)
396718.26	3766891.08	10.61685	(10121716)	396758.26	3766891.08	12.12189	(10121716)
396798.26	3766891.08	13.69273	(10121716)	396838.26	3766891.08	14.61101	(10121716)
396878.26	3766891.08	15.10375m	(16012908)	396918.26	3766891.08	16.35541	(16122816)
396958.26	3766891.08	18.07329	(16122816)	396998.26	3766891.08	18.59242	(16122816)
397038.26	3766891.08	17.48688	(16122816)	397078.26	3766891.08	17.56913	(16122908)
397118.26	3766891.08	16.32779	(16122908)	397158.26	3766891.08	14.15864	(16122908)
397198.26	3766891.08	13.50389	(16122908)	397238.26	3766891.08	12.19802	(10010408)
397278.26	3766891.08	10.61410	(10012708)	397318.26	3766891.08	10.05075	(11011308)
397358.26	3766891.08	11.18045	(11011308)	397398.26	3766891.08	10.65467	(11011308)
397438.26	3766891.08	9.12155	(11011308)	397478.26	3766891.08	8.89209	(10020808)
397518.26	3766891.08	8.33887	(10020808)	397558.26	3766891.08	7.50101	(11030908)
397598.26	3766891.08	7.38632	(11030908)	397638.26	3766891.08	7.12638	(11030908)
397678.26	3766891.08	6.67570	(11030908)	397718.26	3766891.08	6.28776	(15121416)
396558.26	3766931.08	6.37876	(11021816)	396598.26	3766931.08	7.08805	(11021816)

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 3766931.08       12.78108  (10121716)
       396798.26   3766931.08       14.71763  (10121716)               396838.26
 3766931.08       16.68129  (10121716)
       396878.26   3766931.08       17.54362  (10121716)               396918.26
 3766931.08       18.61077  (15122216)
       396958.26   3766931.08       20.76846  (16122816)               396998.26
 3766931.08       22.09342  (16122816)
       397038.26   3766931.08       21.22867  (16122816)               397078.26
 3766931.08       19.92935  (16122908)
       397118.26   3766931.08       18.25399  (16122908)               397158.26
 3766931.08       15.69652  (16122908)
       397198.26   3766931.08       15.16915  (10010408)               397238.26
 3766931.08       13.68575  (10012708)
       397278.26   3766931.08       12.38842  (10012708)               397318.26
 3766931.08       13.21770  (11011308)
       397358.26   3766931.08       13.60887  (11011308)               397398.26
 3766931.08       12.13901  (11011308)
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       397518.26   3766931.08        9.70766  (11030908)               397558.26
 3766931.08        9.37863  (11030908)
       397598.26   3766931.08        8.88583  (11030908)               397638.26
 3766931.08        8.26000  (15121416)
       397678.26   3766931.08        7.91069  (15121416)               397718.26
 3766931.08        7.53941  (15121416)
       396558.26   3766971.08        6.38317  (11021816)               396598.26
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 3766971.08       12.54594  (10121716)
       396798.26   3766971.08       15.30601  (10121716)               396838.26
 3766971.08       17.91223  (10121716)
       396878.26   3766971.08       20.45230  (10121716)               396918.26
 3766971.08       21.49017  (15122216)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396958.26	3766971.08	23.41355	(16122816)	396998.26	3766971.08	26.21477	(16122816)
397038.26	3766971.08	25.76851	(16122816)	397078.26	3766971.08	22.84842	(16122908)
397118.26	3766971.08	21.46247	(16122816)	397158.26	3766971.08	27.08564	(16122816)
397198.26	3766971.08	20.88407	(10012708)	397238.26	3766971.08	17.05664	(11011308)
397278.26	3766971.08	15.20974	(11011308)	397318.26	3766971.08	15.98503	(11011308)
397358.26	3766971.08	14.82170	(11011308)	397398.26	3766971.08	12.35022	(11030908)
397438.26	3766971.08	12.70218	(11030908)	397478.26	3766971.08	12.36341	(11030908)
397518.26	3766971.08	11.63942	(11030908)	397558.26	3766971.08	10.92372	(15121416)
397598.26	3766971.08	10.59505	(15121416)	397638.26	3766971.08	10.07245	(15121416)
397678.26	3766971.08	9.42661	(15121416)	397718.26	3766971.08	8.77533	(15121416)
396558.26	3767011.08	6.10884	(11021816)	396598.26	3767011.08	7.07813	(11021816)
396638.26	3767011.08	8.31546	(11021816)	396678.26	3767011.08	9.88935	(11021816)
396718.26	3767011.08	11.40263	(11021816)	396758.26	3767011.08	13.00323	(11021816)
396798.26	3767011.08	14.93250	(12012316)	396838.26	3767011.08	18.44100	(10121716)
396878.26	3767011.08	22.25207	(10121716)	396918.26	3767011.08	25.33613	(10121716)
396958.26	3767011.08	27.27221	(15122216)	396998.26	3767011.08	30.30207	(16122816)
397038.26	3767011.08	30.98673	(16122816)	397078.26	3767011.08	37.80867	(16122816)
397118.26	3767011.08	37.13869	(16122816)	397158.26	3767011.08	38.15985	(10012708)
397198.26	3767011.08	36.91831	(10012708)	397238.26	3767011.08	34.24588	(16122908)
397278.26	3767011.08	26.35008	(16020116)	397318.26			

3767011.08 18.15886 (11011308)
397358.26 3767011.08 15.60085 (11030908) 397398.26
3767011.08 15.53638 (11030908)
397438.26 3767011.08 15.24893 (11030908) 397478.26
3767011.08 14.39647 (15111616)
397518.26 3767011.08 14.02058 (15121416) 397558.26
3767011.08 13.49231 (15121416)
397598.26 3767011.08 12.71746 (15121416) 397638.26
3767011.08 11.80217 (15121416)
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3767011.08 9.95359 (15121416)
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3767051.08 6.47708 (11021816)
396638.26 3767051.08 7.63728 (11021816) 396678.26
3767051.08 9.09489 (11021816)
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396798.26 3767051.08 15.35531 (12012316) 396838.26
3767051.08 18.46374 (12012316)
396878.26 3767051.08 22.07958 (10121716) 396918.26
3767051.08 27.90239 (10121716)
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3767051.08 46.62060 (16122816)
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3767051.08 60.72120 (16122816)
397118.26 3767051.08 45.58257 (16122816) 397158.26
3767051.08 33.13252 (10011516)
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3767051.08 19.18475 (15111616)
397438.26 3767051.08 18.99930 (15121416) 397478.26
3767051.08 18.47133 (15121416)
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3767051.08 16.43391 (15121416)
397598.26 3767051.08 15.02645 (15121416) 397638.26
3767051.08 13.59763 (15121416)
397678.26 3767051.08 12.23513 (15121416) 397718.26
3767051.08 11.00716 (15121416)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF CO   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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       396838.26   3767131.08       15.02045  (12012316)               396878.26
 3767131.08       18.83151  (12012316)
       396918.26   3767131.08       23.70222  (12012316)               396958.26
 3767131.08       35.37554  (12012316)
       397238.26   3767131.08       49.44603  (15121416)               397278.26
 3767131.08       56.38206  (15111616)
       397318.26   3767131.08       54.29821  (15111616)               397358.26
 3767131.08       40.85648  (15121416)
       397398.26   3767131.08       29.50414  (15121416)               397438.26
 3767131.08       27.18381  (15121416)
       397478.26   3767131.08       24.49846  (15121416)               397518.26
 3767131.08       21.70979  (15121416)
       397558.26   3767131.08       19.15196  (15121416)               397598.26
 3767131.08       16.83345  (15121416)
       397638.26   3767131.08       14.65119  (15121416)               397678.26
 3767131.08       12.74745  (15121416)
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 3767171.08        5.44647  (11110216)
       396598.26   3767171.08        6.27109  (11110216)               396638.26
 3767171.08        7.19999  (11110216)
       396678.26   3767171.08        8.11666  (11110216)               396718.26
 3767171.08        9.11885  (11110216)
       396758.26   3767171.08       10.44904  (11110216)               396798.26
 3767171.08       12.16326  (11110216)
       396838.26   3767171.08       14.12355  (11110216)               396878.26
 3767171.08       16.41979  (11110216)
       396918.26   3767171.08       18.78899  (11110216)               397438.26
 3767171.08       27.43795  (15121416)
       397478.26   3767171.08       23.88323  (15121416)               397518.26
 3767171.08       20.75055  (15121416)
       397558.26   3767171.08       17.60976  (15121416)               397598.26
 3767171.08       15.44263  (15121416)
       397638.26   3767171.08       13.57202  (15121416)               397678.26
 3767171.08       11.88543  (15121416)
       397718.26   3767171.08       10.32700  (15121416)               396558.26
 3767211.08        5.14621  (11110216)
       396598.26   3767211.08        5.87638  (11110216)               396638.26
 3767211.08        6.69785  (11110216)
       396678.26   3767211.08        7.63200  (11110216)               396718.26
 3767211.08        8.42011  (11110216)
       396758.26   3767211.08        9.50770  (11110216)               396798.26
 3767211.08       10.95836  (11110216)
       396838.26   3767211.08       12.83080  (11110216)               396878.26
 3767211.08       14.86849  (11110216)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                      ***       13:18:19

                                  PAGE  83
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396918.26	3767211.08	16.97453	(11110216)	396958.26	3767211.08	19.49092	(11110216)
397438.26	3767211.08	22.05024	(15121416)	397478.26	3767211.08	19.27162	(15121416)
397518.26	3767211.08	16.66781	(15121416)	397558.26	3767211.08	14.58988	(15121416)
397598.26	3767211.08	12.97673	(15121416)	397638.26	3767211.08	11.49341	(15121416)
397678.26	3767211.08	10.12089	(15121416)	397718.26	3767211.08	8.83360	(15121416)
396558.26	3767251.08	4.69042	(11110216)	396598.26	3767251.08	5.32153	(11110216)
396638.26	3767251.08	6.05672	(11110216)	396678.26	3767251.08	6.94572	(11110216)
396718.26	3767251.08	7.68968	(11110216)	396758.26	3767251.08	8.37194	(16122616)
396798.26	3767251.08	9.35752	(16122616)	396838.26	3767251.08	11.66445	(10100616)
396878.26	3767251.08	14.92770	(10100616)	396918.26	3767251.08	18.21005	(10100616)
396958.26	3767251.08	20.81772	(10100616)	396998.26	3767251.08	24.98585	(10100616)
397038.26	3767251.08	28.41138m	(10031816)	397078.26	3767251.08	35.26003	(11082616)
397118.26	3767251.08	50.54451	(11051316)	397318.26	3767251.08	37.21002	(10030916)
397358.26	3767251.08	26.21193	(10030916)	397398.26	3767251.08	22.78434	(15122516)
397438.26	3767251.08	19.87114	(15122516)	397478.26	3767251.08	17.11234	(15122516)
397518.26	3767251.08	14.77818	(15122516)	397558.26	3767251.08	12.78387	(15122516)
397598.26	3767251.08	11.16960	(15122516)	397638.26			

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 3767251.08         9.75219  (15122516)
       397678.26   3767251.08         8.50162  (15122516)                397718.26
 3767251.08         7.40721  (15122516)
       396558.26   3767291.08         4.11981  (16122616)                396598.26
 3767291.08         4.64331  (16122616)
       396638.26   3767291.08         5.22490  (16122616)                396678.26
 3767291.08         6.03300  (10100616)
       396718.26   3767291.08         7.30947  (10100616)                396758.26
 3767291.08         8.59329  (10100616)
       396798.26   3767291.08        10.35670  (10100616)                396838.26
 3767291.08        12.61955  (10100616)
       396878.26   3767291.08        15.38767  (10100616)                396918.26
 3767291.08        17.57639  (10100616)
       396958.26   3767291.08        19.00713  (10100616)                396998.26
 3767291.08        23.39925  (10033016)
       397038.26   3767291.08        34.57255m (10031816)                397078.26
 3767291.08        57.38596  (11051316)
       397118.26   3767291.08        45.41325  (10081716)                397158.26
 3767291.08        42.09078  (11060716)
       397278.26   3767291.08        40.08489  (11072916)                397318.26
 3767291.08        35.90120  (12110916)
       397358.26   3767291.08        31.44824  (10030916)                397398.26
 3767291.08        29.24558  (10030916)
       397438.26   3767291.08        23.67286  (10030916)                397478.26
 3767291.08        19.13126  (10030916)
       397518.26   3767291.08        15.69594  (10030916)                397558.26
 3767291.08        13.08674  (10030916)
       397598.26   3767291.08        11.07961  (10030916)                397638.26
 3767291.08         9.49541  (10030916)
       397678.26   3767291.08         8.00251  (10030916)                397718.26
 3767291.08         6.77202  (15122516)
       396558.26   3767331.08         3.99758  (10101408)                396598.26
 3767331.08         4.72558  (10100516)
       396638.26   3767331.08         5.80410  (10100516)                396678.26
 3767331.08         7.16554  (10100516)
       396718.26   3767331.08         8.75771  (10100516)                396758.26
 3767331.08        10.10106  (10100516)
       396798.26   3767331.08        11.60754  (10100516)                396838.26
 3767331.08        13.57291  (10100516)
       396878.26   3767331.08        15.80195  (10100516)                396918.26
 3767331.08        16.99727  (10100516)
       396958.26   3767331.08        17.59009  (10100516)                396998.26
 3767331.08        21.39246  (10102016)
       397038.26   3767331.08        27.49705  (10111616)                397078.26
 3767331.08        45.75889  (11051316)
       397118.26   3767331.08        59.74362  (15081716)                397158.26
 3767331.08        63.22186  (16070116)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397198.26	3767331.08	48.67053	(11082616)	397238.26	3767331.08	45.15416	(16061316)
397278.26	3767331.08	39.86091	(16121616)	397318.26	3767331.08	31.35540	(16121616)
397358.26	3767331.08	31.66309	(12110916)	397398.26	3767331.08	27.50562	(12110916)
397438.26	3767331.08	22.98716	(10030916)	397478.26	3767331.08	20.15026	(10030916)
397518.26	3767331.08	17.34524	(10030916)	397558.26	3767331.08	14.76416	(10030916)
397598.26	3767331.08	12.67514	(10030916)	397638.26	3767331.08	10.89712	(10030916)
397678.26	3767331.08	9.43253	(10030916)	397718.26	3767331.08	8.10461	(10030916)
396558.26	3767371.08	4.69017	(10100516)	396598.26	3767371.08	5.81273	(10100516)
396638.26	3767371.08	7.15726	(10100516)	396678.26	3767371.08	8.77094	(10100516)
396718.26	3767371.08	10.55892	(10100516)	396758.26	3767371.08	12.08500	(10100516)
396798.26	3767371.08	13.15738	(10100516)	396838.26	3767371.08	14.26553	(10100516)
396878.26	3767371.08	15.35911	(10100516)	396918.26	3767371.08	15.58229	(10100516)
396958.26	3767371.08	16.56380	(10011816)	396998.26	3767371.08	20.00454	(10102016)
397038.26	3767371.08	24.74489	(10061116)	397078.26	3767371.08	30.32669	(11041916)
397118.26	3767371.08	37.01945	(10102116)	397158.26	3767371.08	38.71872	(16051616)

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       397198.26   3767371.08       35.69445  (15052216)                397238.26
3767371.08       29.65833  (16121616)
       397278.26   3767371.08       27.34868  (16061316)                397318.26
3767371.08       27.60009  (16061316)
       397358.26   3767371.08       28.65264  (16121616)                397398.26
3767371.08       26.72945  (12110916)
       397438.26   3767371.08       22.98750  (12110916)                397478.26
3767371.08       18.50858  (16052516)
       397518.26   3767371.08       16.23734  (16052516)                397558.26
3767371.08       14.57826  (10030916)
       397598.26   3767371.08       12.90667  (10030916)                397638.26
3767371.08       11.33215  (10030916)
       397678.26   3767371.08        9.95933  (10030916)                397718.26
3767371.08        8.74409  (10030916)
       396558.26   3767411.08        5.58144  (10100516)                396598.26
3767411.08        6.84470  (10100516)
       396638.26   3767411.08        8.30365  (10100516)                396678.26
3767411.08        9.89076  (10100516)
       396718.26   3767411.08       11.47434  (10100516)                396758.26
3767411.08       12.70930  (10100516)
       396798.26   3767411.08       13.32396  (10100516)                396838.26
3767411.08       13.75971  (10100516)
       396878.26   3767411.08       14.01001  (10100516)                396918.26
3767411.08       14.02154  (10011816)
       396958.26   3767411.08       15.58285  (10011816)                396998.26
3767411.08       18.00138  (10102016)
       397038.26   3767411.08       23.20726  (10061116)                397078.26
3767411.08       26.30778  (10061116)
       397118.26   3767411.08       29.11491  (11041916)                397158.26
3767411.08       30.05430  (16050516)
       397198.26   3767411.08       27.42077  (16050516)                397238.26
3767411.08       24.81356  (12102216)
       397278.26   3767411.08       22.69691  (16061316)                397318.26
3767411.08       23.52450  (16061316)
       397358.26   3767411.08       24.02031  (16121616)                397398.26
3767411.08       23.54911  (16121616)
       397438.26   3767411.08       21.59131  (12110916)                397478.26
3767411.08       19.20671  (12110916)
       397518.26   3767411.08       16.18010  (12110916)                397558.26
3767411.08       13.64702  (16052516)
       397598.26   3767411.08       12.17055  (16052516)                397638.26
3767411.08       10.77793  (10030916)
       397678.26   3767411.08        9.70108  (10030916)                397718.26
3767411.08        8.70198  (10030916)
       396558.26   3767451.08        6.31779  (10100516)                396598.26
3767451.08        7.55183  (10100516)
       396638.26   3767451.08        8.88993  (10100516)                396678.26
3767451.08       10.20534  (10100516)
       396718.26   3767451.08       11.37455  (10100516)                396758.26
3767451.08       12.25855  (10100516)
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396798.26	3767451.08	12.47823	(10100516)	396838.26	3767451.08	12.66054	(10100516)
396878.26	3767451.08	12.46974	(10100516)	396918.26	3767451.08	13.35312	(10011816)
396958.26	3767451.08	14.24267	(10050416)	396998.26	3767451.08	16.07164	(10102016)
397038.26	3767451.08	20.75960	(10061116)	397078.26	3767451.08	22.80376	(10061116)
397118.26	3767451.08	24.05870	(11041916)	397158.26	3767451.08	25.56304	(11041916)
397198.26	3767451.08	25.14621	(16050516)	397238.26	3767451.08	22.34057	(16050516)
397278.26	3767451.08	21.35619	(12102216)	397318.26	3767451.08	19.89207	(12102216)
397358.26	3767451.08	19.91067	(16061316)	397398.26	3767451.08	19.89906	(16121616)
397438.26	3767451.08	18.82667	(16121616)	397478.26	3767451.08	17.66100	(12110916)
397518.26	3767451.08	16.11958	(12110916)	397558.26	3767451.08	14.09715	(12110916)
397598.26	3767451.08	11.90323	(12110916)	397638.26	3767451.08	10.18892	(16052516)
397678.26	3767451.08	9.09130	(16052516)	397718.26	3767451.08	8.07836	(10030916)
396558.26	3767491.08	6.72863	(10100516)	396598.26	3767491.08	7.79024	(10100516)
396638.26	3767491.08	8.82169	(10100516)	396678.26			

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3767491.08        9.76118  (10100516)
       396718.26   3767491.08       10.55464  (10100516)                396758.26
3767491.08       11.15351  (10100516)
       396798.26   3767491.08       11.20112  (10100516)                396838.26
3767491.08       11.09389  (10100516)
       396878.26   3767491.08       11.59280  (10011816)                396918.26
3767491.08       12.38268  (10011816)
       396958.26   3767491.08       13.25904  (10050416)                396998.26
3767491.08       14.54066  (10061116)
       397038.26   3767491.08       18.64880  (10061116)                397078.26
3767491.08       20.07349  (10061116)
       397118.26   3767491.08       20.20287  (11041916)                397158.26
3767491.08       22.23019  (11041916)
       397198.26   3767491.08       22.46444  (16050516)                397238.26
3767491.08       21.53715  (16050516)
       397278.26   3767491.08       19.38037  (16050516)                397318.26
3767491.08       18.68142  (12102216)
       397358.26   3767491.08       17.02486  (12102216)                397398.26
3767491.08       16.52768  (16061316)
       397438.26   3767491.08       16.22350  (16121616)                397478.26
3767491.08       15.23587  (16121616)
       397518.26   3767491.08       14.74129  (12110916)                397558.26
3767491.08       13.54777  (12110916)
       397598.26   3767491.08       12.06278  (12110916)                397638.26
3767491.08       10.41600  (12110916)
       397678.26   3767491.08        8.79363  (12110916)                397718.26
3767491.08        7.64252  (16052516)
       396558.26   3767531.08        6.73802  (10100516)                396598.26
3767531.08        7.54093  (10100516)
       396638.26   3767531.08        8.25277  (10100516)                396678.26
3767531.08        8.88584  (10100516)
       396718.26   3767531.08        9.43269  (10100516)                396758.26
3767531.08        9.78634  (10100516)
       396798.26   3767531.08        9.74191  (10100516)                396838.26
3767531.08        9.82436  (10011816)
       396878.26   3767531.08       10.71609  (10011816)                396918.26
3767531.08       11.43054  (10030816)
       396958.26   3767531.08       12.36566  (11032816)                396998.26
3767531.08       14.02776  (10061116)
       397038.26   3767531.08       17.20982  (10061116)                397078.26
3767531.08       18.27119  (10061116)
       397118.26   3767531.08       17.39661  (10061116)                397158.26
3767531.08       19.46777  (11041916)
       397198.26   3767531.08       19.90972  (11041916)                397238.26
3767531.08       19.99706  (16050516)
       397278.26   3767531.08       18.82340  (16050516)                397318.26
3767531.08       16.80873  (12102216)
       397358.26   3767531.08       15.98733  (12102216)                397398.26
3767531.08       14.28095  (12102216)
       397438.26   3767531.08       13.61954  (16061316)                397478.26
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397598.26	3767531.08	11.41712	(12110916)	397638.26	3767531.08	10.22158	(12110916)
397678.26	3767531.08	8.95617	(12110916)	397718.26	3767531.08	7.74202	(12110916)
397320.82	3767219.11	49.14274	(15122516)	397330.82	3767209.11	55.08557	(15111616)
397340.82	3767189.11	68.68759	(15111616)	397340.82	3767199.11	61.60152	(15111616)
397340.82	3767209.11	55.43604	(15122516)	397350.82	3767189.11	65.78111	(15111616)
397350.82	3767199.11	58.33914	(15121416)	397360.82	3767189.11	58.35908	(15111616)
397360.82	3767199.11	52.37322	(15111616)	397370.82	3767189.11	42.63665	(15111616)
397380.82	3767189.11	32.74767	(15121416)	396920.42	3767167.32	19.00376	(11110216)
396989.95	3767243.54	23.41482	(10100616)	397044.10	3767223.97	27.09762	(10100516)
397113.57	3767239.93	55.68374	(11082916)	397158.63	3767280.29	45.10172	(16082516)
397168.95	3767307.05	39.59808	(16121616)	397244.05	3767296.72	39.66081	(16070416)
397260.95	3767278.88	28.31201	(10030916)	397409.74	3767205.66	26.06868	(15121416)

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       397422.89   3767189.23       27.30825  (15121416)                397426.64
 3767180.78       27.83324  (15121416)
       397420.54   3767170.46       29.00890  (15121416)                397318.68
 3767160.13       48.52694  (15111616)
       397022.98   3767083.62       73.93700  (16122816)                396943.60
 3767192.73       19.99466  (11110216)
       396966.77   3767218.13       20.57720  (11110216)                397017.03
 3767233.75       25.01343  (10100516)
       397078.83   3767231.95       33.20784  (11051316)                397136.10
 3767260.11       53.39897  (16062116)
       397206.50   3767301.88       36.10490m (11072516)                397298.15
 3767260.58       43.05329  (10030916)
       397335.34   3767242.27       32.65761  (15122516)                397372.54
 3767223.96       27.85985  (15111616)
       397386.59   3767167.02       32.14035  (15121416)                397352.63
 3767163.57       67.32554  (15111616)
       397276.44   3767149.20       52.02302  (15111616)                397234.19
 3767138.27       47.65819  (15121416)
       397191.95   3767127.34       39.02682  (15121416)                397149.71
 3767116.41       40.37855  (10010408)
       397107.47   3767105.48       46.99975  (16122816)                397065.22
 3767094.55       57.01974  (16122816)
       396988.79   3767111.52       66.74599  (10121716)                396954.61
 3767139.42       31.36063  (12012316)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  87
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)         CONC     (YYMMDDHH)
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 3766811.08       13.74665m (15051008)
       397278.26   3766811.08       13.08940m (15051008)                397318.26
 3766811.08       12.35737m (15051008)
       397358.26   3766811.08       11.57145m (15051008)                397398.26
 3766811.08       10.75969m (15051008)
       397438.26   3766811.08        9.95039m (15051008)                397478.26
 3766811.08        9.17015m (15051008)
       397518.26   3766811.08        8.43110m (15051008)                397558.26
 3766811.08        7.74372m (15051008)
       397598.26   3766811.08        7.11248m (15051008)                397638.26
 3766811.08        6.53757m (15051008)
       397678.26   3766811.08        6.01683m (15051008)                397718.26
 3766811.08        5.54642m (15051008)
       396558.26   3766851.08        5.95166m (15051008)                396598.26
 3766851.08        6.50809m (15051008)
       396638.26   3766851.08        7.18359m (15051008)                396678.26
 3766851.08        7.97451m (15051008)
       396718.26   3766851.08        8.82254m (15051008)                396758.26
 3766851.08        9.74599m (15051008)
       396798.26   3766851.08       10.78020m (15051008)                396838.26
 3766851.08       11.90556m (15051008)
       396878.26   3766851.08       13.10007m (15051008)                396918.26
 3766851.08       14.28370m (15051008)
       396958.26   3766851.08       15.42387m (15051008)                396998.26
 3766851.08       16.41787m (15051008)
       397038.26   3766851.08       17.16550m (15051008)                397078.26
 3766851.08       17.64008m (15051008)
       397118.26   3766851.08       17.79877m (15051008)                397158.26
 3766851.08       17.60728m (15051008)
       397198.26   3766851.08       17.09397m (15051008)                397238.26
 3766851.08       16.34821m (15051008)
       397278.26   3766851.08       15.40907m (15051008)                397318.26
 3766851.08       14.33951m (15051008)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

                                   PAGE  88
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
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, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397358.26	3766851.08	13.26707m	(15051008)	397398.26	3766851.08	12.19451m	(15051008)
397438.26	3766851.08	11.15300m	(15051008)	397478.26	3766851.08	10.16599m	(15051008)
397518.26	3766851.08	9.25144m	(15051008)	397558.26	3766851.08	8.41785m	(15051008)
397598.26	3766851.08	7.66643m	(15051008)	397638.26	3766851.08	6.99374m	(15051008)
397678.26	3766851.08	6.39364m	(15051008)	397718.26	3766851.08	5.85926m	(15051008)
396558.26	3766891.08	6.28147m	(15051008)	396598.26	3766891.08	6.90698m	(15051008)
396638.26	3766891.08	7.67179m	(15051008)	396678.26	3766891.08	8.59136m	(15051008)
396718.26	3766891.08	9.60171m	(15051008)	396758.26	3766891.08	10.75283m	(15051008)
396798.26	3766891.08	12.06256m	(15051008)	396838.26	3766891.08	13.52887m	(15051008)
396878.26	3766891.08	15.14841m	(15051008)	396918.26	3766891.08	16.78666m	(15051008)
396958.26	3766891.08	18.42456m	(15051008)	396998.26	3766891.08	19.87624m	(15051008)
397038.26	3766891.08	20.99073m	(15051008)	397078.26	3766891.08	21.73376m	(15051008)
397118.26	3766891.08	21.91515m	(15051008)	397158.26	3766891.08	21.54091m	(15051008)
397198.26	3766891.08	20.82807m	(15051008)	397238.26	3766891.08	19.72210m	(15051008)
397278.26	3766891.08	18.39479m	(15051008)	397318.26	3766891.08	16.93494m	(15051008)
397358.26	3766891.08	15.40185m	(15051008)	397398.26	3766891.08	13.91701m	(15051008)
397438.26	3766891.08	12.54931m	(15051008)	397478.26	3766891.08	11.29310m	(15051008)
397518.26	3766891.08	10.15988m	(15051008)	397558.26	3766891.08	9.14690m	(15051008)
397598.26	3766891.08	8.25314m	(15051008)	397638.26	3766891.08	7.46782m	(15051008)

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       397678.26   3766891.08        6.77881m (15051008)                397718.26
 3766891.08        6.17480m (15051008)
       396558.26   3766931.08        6.61509m (15051008)                396598.26
 3766931.08        7.32433m (15051008)
       396638.26   3766931.08        8.20693m (15051008)                396678.26
 3766931.08        9.21948m (15051008)
       396718.26   3766931.08       10.44566m (15051008)                396758.26
 3766931.08       11.86672m (15051008)
       396798.26   3766931.08       13.53393m (15051008)                396838.26
 3766931.08       15.46078m (15051008)
       396878.26   3766931.08       17.64790m (15051008)                396918.26
 3766931.08       20.03623m (15051008)
       396958.26   3766931.08       22.46600m (15051008)                396998.26
 3766931.08       24.70942m (15051008)
       397038.26   3766931.08       26.50095m (15051008)                397078.26
 3766931.08       27.56208m (15051008)
       397118.26   3766931.08       27.77255m (15051008)                397158.26
 3766931.08       27.16437m (15051008)
       397198.26   3766931.08       25.95682m (15051008)                397238.26
 3766931.08       24.27996m (15051008)
       397278.26   3766931.08       22.29025m (15051008)                397318.26
 3766931.08       20.19757m (15051008)
       397358.26   3766931.08       18.12594m (15051008)                397398.26
 3766931.08       16.07757m (15051008)
       397438.26   3766931.08       14.20326m (15051008)                397478.26
 3766931.08       12.57272m (15051008)
       397518.26   3766931.08       11.16010m (15051008)                397558.26
 3766931.08        9.92540m (15051008)
       397598.26   3766931.08        8.86377m (15051008)                397638.26
 3766931.08        7.95095m (15051008)
       397678.26   3766931.08        7.16439m (15051008)                397718.26
 3766931.08        6.48779m (15051008)
       396558.26   3766971.08        6.93134m (15051008)                396598.26
 3766971.08        7.72734m (15051008)
       396638.26   3766971.08        8.70204m (15051008)                396678.26
 3766971.08        9.86886m (15051008)
       396718.26   3766971.08       11.30156m (15051008)                396758.26
 3766971.08       13.04561m (15051008)
       396798.26   3766971.08       15.16776m (15051008)                396838.26
 3766971.08       17.75736m (15051008)
       396878.26   3766971.08       20.80945m (15051008)                396918.26
 3766971.08       24.34282m (15051008)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:18:19

                                  PAGE  89
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396958.26	3766971.08	28.17372m	(15051008)	396998.26	3766971.08	31.92820m	(15051008)
397038.26	3766971.08	34.85731m	(15051008)	397078.26	3766971.08	36.39122m	(15051008)
397118.26	3766971.08	36.48406m	(15051008)	397158.26	3766971.08	35.30707m	(15051008)
397198.26	3766971.08	33.23702m	(15051008)	397238.26	3766971.08	30.58002m	(15051008)
397278.26	3766971.08	27.57455m	(15051008)	397318.26	3766971.08	24.48799m	(15051008)
397358.26	3766971.08	21.42900m	(15051008)	397398.26	3766971.08	18.64635m	(15051008)
397438.26	3766971.08	16.16272m	(15051008)	397478.26	3766971.08	14.02177m	(15051008)
397518.26	3766971.08	12.23563m	(15051008)	397558.26	3766971.08	10.73766m	(15051008)
397598.26	3766971.08	9.48452m	(15051008)	397638.26	3766971.08	8.43018m	(15051008)
397678.26	3766971.08	7.53840m	(15051008)	397718.26	3766971.08	6.78688m	(15051008)
396558.26	3767011.08	7.22333m	(15051008)	396598.26	3767011.08	8.08873m	(15051008)
396638.26	3767011.08	9.17323m	(15051008)	396678.26	3767011.08	10.50947m	(15051008)
396718.26	3767011.08	12.16249m	(15051008)	396758.26	3767011.08	14.26122m	(15051008)
396798.26	3767011.08	16.93628m	(15051008)	396838.26	3767011.08	20.38850m	(15051008)
396878.26	3767011.08	24.78161m	(15051008)	396918.26			

3767011.08 30.29439m (15051008)
396958.26 3767011.08 36.70746m (15051008) 396998.26
3767011.08 43.56403m (15051008)
397038.26 3767011.08 48.77599m (15051008) 397078.26
3767011.08 51.00557m (15051008)
397118.26 3767011.08 50.46060m (15051008) 397158.26
3767011.08 47.91210m (15051008)
397198.26 3767011.08 44.19218m (15051008) 397238.26
3767011.08 39.77127m (15051008)
397278.26 3767011.08 35.04277m (15051008) 397318.26
3767011.08 30.26959m (15051008)
397358.26 3767011.08 25.66550m (15051008) 397398.26
3767011.08 21.61335m (15051008)
397438.26 3767011.08 18.36029m (15051008) 397478.26
3767011.08 15.59324m (15051008)
397518.26 3767011.08 13.35791m (15051008) 397558.26
3767011.08 11.55851m (15051008)
397598.26 3767011.08 10.09300m (15051008) 397638.26
3767011.08 8.89057m (15051008)
397678.26 3767011.08 7.89187m (15051008) 397718.26
3767011.08 7.06358m (15051008)
396558.26 3767051.08 7.47235m (15051008) 396598.26
3767051.08 8.42435m (15051008)
396638.26 3767051.08 9.58593m (15051008) 396678.26
3767051.08 11.08069m (15051008)
396718.26 3767051.08 12.97553m (15051008) 396758.26
3767051.08 15.43763m (15051008)
396798.26 3767051.08 18.74114m (15051008) 396838.26
3767051.08 23.26520m (15051008)
396878.26 3767051.08 29.64454m (15051008) 396918.26
3767051.08 38.70591m (15051008)
396958.26 3767051.08 50.93473m (15051008) 396998.26
3767051.08 65.67805m (15051008)
397038.26 3767051.08 76.97188m (15051008) 397078.26
3767051.08 79.06972m (15051008)
397118.26 3767051.08 75.51605m (15051008) 397158.26
3767051.08 69.31848m (15051008)
397198.26 3767051.08 62.01926m (15051008) 397238.26
3767051.08 54.20631m (15051008)
397278.26 3767051.08 46.33489m (15051008) 397318.26
3767051.08 38.53595m (15051008)
397358.26 3767051.08 31.37715m (15051008) 397398.26
3767051.08 25.30810m (15051008)
397438.26 3767051.08 20.77281m (15051008) 397478.26
3767051.08 17.23468m (15051008)
397518.26 3767051.08 14.49637m (15051008) 397558.26
3767051.08 12.36171m (15051008)
397598.26 3767051.08 10.66847m (15051008) 397638.26
3767051.08 9.31187m (15051008)
397678.26 3767051.08 8.21084m (15051008) 397718.26

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF CO   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        396558.26   3767091.08   7.67974m (15051008)   396598.26   3767091.08   8.70983m (15051008)
        396638.26   3767091.08   9.94117m (15051008)   396678.26   3767091.08   11.52552m (15051008)
        396718.26   3767091.08   13.63635m (15051008)   396758.26   3767091.08   16.45440m (15051008)
        396798.26   3767091.08   20.36574m (15051008)   396838.26   3767091.08   26.11018m (15051008)
        396878.26   3767091.08   35.05790m (15051008)   396918.26   3767091.08   50.06727m (15051008)
        396958.26   3767091.08   76.32886m (15051008)   396998.26   3767091.08   128.14782m (15051008)
        397078.26   3767091.08   152.17228m (15051008)   397118.26   3767091.08   131.53343m (15051008)
        397158.26   3767091.08   112.45897m (15051008)   397198.26   3767091.08   95.34648m (15051008)
        397238.26   3767091.08   79.94926m (15051008)   397278.26   3767091.08   65.67758m (15051008)
        397318.26   3767091.08   51.65006m (15051008)   397358.26   3767091.08   39.18718m (15051008)

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       397398.26   3767091.08       29.77521m (15051008)                397438.26
3767091.08       23.28510m (15051008)
       397478.26   3767091.08       18.99055  (15111608)                397518.26
3767091.08       16.18385  (15111608)
       397558.26   3767091.08       14.47818  (15111608)                397598.26
3767091.08       11.15306m (15051008)
       397638.26   3767091.08        9.67238m (15051008)                397678.26
3767091.08        8.47734m (15051008)
       397718.26   3767091.08        7.50495m (15051008)                396558.26
3767131.08        7.82739m (15051008)
       396598.26   3767131.08        8.89820m (15051008)                396638.26
3767131.08       10.21785m (15051008)
       396678.26   3767131.08       11.84711m (15051008)                396718.26
3767131.08       14.06112m (15051008)
       396758.26   3767131.08       17.13984m (15051008)                396798.26
3767131.08       21.54258m (15051008)
       396838.26   3767131.08       28.30657m (15051008)                396878.26
3767131.08       40.03119m (15051008)
       396918.26   3767131.08       64.43366m (15051008)                396958.26
3767131.08      135.10858m (15051008)
       397238.26   3767131.08      142.48855m (15051008)                397278.26
3767131.08      110.54197m (15051008)
       397318.26   3767131.08       78.57369m (15051008)                397358.26
3767131.08       50.38330m (15051008)
       397398.26   3767131.08       34.52838m (15051008)                397438.26
3767131.08       25.82046  (15111608)
       397478.26   3767131.08       23.78054  (15111608)                397518.26
3767131.08       19.77466  (15111608)
       397558.26   3767131.08       16.68167  (15111608)                397598.26
3767131.08       13.09774  (15111608)
       397638.26   3767131.08        9.93223m (15051008)                397678.26
3767131.08        8.67017m (15051008)
       397718.26   3767131.08        7.64877m (15051008)                396558.26
3767171.08        7.90529m (15051008)
       396598.26   3767171.08        8.99073m (15051008)                396638.26
3767171.08       10.34957m (15051008)
       396678.26   3767171.08       12.03657m (15051008)                396718.26
3767171.08       14.23912m (15051008)
       396758.26   3767171.08       17.36650m (15051008)                396798.26
3767171.08       21.97833m (15051008)
       396838.26   3767171.08       29.16407m (15051008)                396878.26
3767171.08       42.07837m (15051008)
       396918.26   3767171.08       73.11508m (15051008)                397438.26
3767171.08       28.76429  (15111608)
       397478.26   3767171.08       23.54334  (15111608)                397518.26
3767171.08       17.86631  (15111608)
       397558.26   3767171.08       14.00049  (15111608)                397598.26
3767171.08       11.73371m (15051008)
       397638.26   3767171.08       10.07971m (15051008)                397678.26
3767171.08        8.77549m (15051008)
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       397718.26   3767171.08        7.72772m (15051008)                396558.26
 3767211.08        7.89247m (15051008)
       396598.26   3767211.08        8.97609m (15051008)                396638.26
 3767211.08       10.32146m (15051008)
       396678.26   3767211.08       12.03688m (15051008)                396718.26
 3767211.08       14.17828m (15051008)
       396758.26   3767211.08       17.14946m (15051008)                396798.26
 3767211.08       21.51165m (15051008)
       396838.26   3767211.08       28.26129m (15051008)                396878.26
 3767211.08       39.42510m (15051008)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

                                   PAGE  91
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396918.26   3767211.08       60.90084m (15051008)                396958.26
 3767211.08      107.82610m (15051008)
       397438.26   3767211.08       36.29505m (10042924)                397478.26
 3767211.08       28.59557m (10042924)
       397518.26   3767211.08       20.46803m (10042924)                397558.26
 3767211.08       15.23400  (16013124)
       397598.26   3767211.08       11.76555m (15051008)                397638.26
 3767211.08       10.09897m (15051008)
       397678.26   3767211.08        8.78830m (15051008)                397718.26
 3767211.08        7.73704m (15051008)
       396558.26   3767251.08        7.81306m (15051008)                396598.26
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3767251.08 8.86523m (15051008)
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3767251.08 11.81553m (15051008)
396718.26 3767251.08 13.89054m (15051008) 396758.26
3767251.08 16.56003m (15051008)
396798.26 3767251.08 20.39971m (15051008) 396838.26
3767251.08 26.02203m (15051008)
396878.26 3767251.08 34.66974m (15051008) 396918.26
3767251.08 47.62963m (15051008)
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3767251.08 91.79845m (15051008)
397038.26 3767251.08 115.25509m (15051008) 397078.26
3767251.08 151.57213m (15051008)
397118.26 3767251.08 232.97861m (15051008) 397318.26
3767251.08 81.26354m (15051008)
397358.26 3767251.08 53.99740 (15042424) 397398.26
3767251.08 38.99381 (15111524)
397438.26 3767251.08 32.42842 (15111524) 397478.26
3767251.08 28.99752 (15111524)
397518.26 3767251.08 24.65046 (15111524) 397558.26
3767251.08 20.41085 (15111524)
397598.26 3767251.08 16.65074 (16013124) 397638.26
3767251.08 12.86297 (16013124)
397678.26 3767251.08 10.70764 (16013124) 397718.26
3767251.08 8.98081 (16013124)
396558.26 3767291.08 11.38401 (12031108) 396598.26
3767291.08 9.76399 (12031108)
396638.26 3767291.08 9.83119m (15051008) 396678.26
3767291.08 11.39288m (15051008)
396718.26 3767291.08 13.34111m (15051008) 396758.26
3767291.08 15.69125m (15051008)
396798.26 3767291.08 18.92587m (15051008) 396838.26
3767291.08 23.42376m (15051008)
396878.26 3767291.08 29.74687m (15051008) 396918.26
3767291.08 42.26661 (11021608)
396958.26 3767291.08 48.74829 (10111924) 396998.26
3767291.08 54.77367m (15051008)
397038.26 3767291.08 57.72828m (15051008) 397078.26
3767291.08 70.20305m (15051008)
397118.26 3767291.08 101.72378m (15051008) 397158.26
3767291.08 181.91097m (15051008)
397278.26 3767291.08 88.35603m (15051008) 397318.26
3767291.08 65.49199m (12050224)
397358.26 3767291.08 53.62371 (15042424) 397398.26
3767291.08 39.22661 (15042424)
397438.26 3767291.08 31.46873 (15052324) 397478.26
3767291.08 28.25214 (15052324)
397518.26 3767291.08 24.66397 (15052324) 397558.26
3767291.08 21.63034 (15060108)
397598.26 3767291.08 19.54888 (15060108) 397638.26

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 3767291.08       16.67463  (16013124)
       397678.26   3767291.08       12.94870  (16013124)                397718.26
 3767291.08       10.68552  (16013124)
       396558.26   3767331.08       12.65796  (15032208)                396598.26
 3767331.08       13.39865  (15021708)
       396638.26   3767331.08       14.14166  (15021708)                396678.26
 3767331.08       12.64553  (10111924)
       396718.26   3767331.08       12.56994m (15051008)                396758.26
 3767331.08       14.65183m (15051008)
       396798.26   3767331.08       17.29584m (15051008)                396838.26
 3767331.08       20.81055m (15051008)
       396878.26   3767331.08       25.61891  (11021608)                396918.26
 3767331.08       37.91868  (11021608)
       396958.26   3767331.08       40.56474  (11021608)                396998.26
 3767331.08       45.19685  (10100424)
       397038.26   3767331.08       46.24269  (10100424)                397078.26
 3767331.08       48.36109m (15051008)
       397118.26   3767331.08       58.09602m (15051008)                397158.26
 3767331.08       73.76768m (16081408)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

                                   PAGE  92
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF CO       IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       397198.26   3767331.08       79.02892  (16123108)                397238.26
 3767331.08       70.92264m (15051008)
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       397278.26   3767331.08       63.61806  (15101424)                397318.26
3767331.08       55.08100  (15042424)
       397358.26   3767331.08       47.66456  (15042424)                397398.26
3767331.08       39.13343  (15042424)
       397438.26   3767331.08       33.41068  (15042424)                397478.26
3767331.08       28.22691  (16080124)
       397518.26   3767331.08       24.67212  (15052324)                397558.26
3767331.08       22.18514  (15052324)
       397598.26   3767331.08       19.76421  (15052324)                397638.26
3767331.08       17.97375  (15052324)
       397678.26   3767331.08       14.86673  (16013124)                397718.26
3767331.08       12.11472  (16013124)
       396558.26   3767371.08       12.45094  (15021708)                396598.26
3767371.08       13.02059  (15021708)
       396638.26   3767371.08       13.00822  (10072108)                396678.26
3767371.08       11.59403  (11021608)
       396718.26   3767371.08       11.74427m (15051008)                396758.26
3767371.08       13.51976m (15051008)
       396798.26   3767371.08       15.66744m (15051008)                396838.26
3767371.08       18.36630m (15051008)
       396878.26   3767371.08       21.73167m (15051008)                396918.26
3767371.08       31.95672  (11021608)
       396958.26   3767371.08       34.57196  (11021608)                396998.26
3767371.08       38.49177  (10100424)
       397038.26   3767371.08       39.91817  (10102824)                397078.26
3767371.08       39.04376  (15032308)
       397118.26   3767371.08       45.12803  (10120424)                397158.26
3767371.08       49.80921  (16123108)
       397198.26   3767371.08       56.90112  (16012224)                397238.26
3767371.08       56.08350m (10042424)
       397278.26   3767371.08       51.35065  (15101424)                397318.26
3767371.08       46.10443m (12081408)
       397358.26   3767371.08       41.11339  (16090924)                397398.26
3767371.08       35.72464  (15042424)
       397438.26   3767371.08       32.94668  (15042424)                397478.26
3767371.08       29.36328  (15042424)
       397518.26   3767371.08       25.48271  (15042424)                397558.26
3767371.08       22.56099  (16080124)
       397598.26   3767371.08       20.38117  (15052324)                397638.26
3767371.08       18.73572  (15052324)
       397678.26   3767371.08       17.32664  (15052324)                397718.26
3767371.08       13.85138  (15052324)
       396558.26   3767411.08       12.99496  (10072108)                396598.26
3767411.08       13.06171  (10072108)
       396638.26   3767411.08       11.91541  (11021608)                396678.26
3767411.08        9.61797m (15051008)
       396718.26   3767411.08       10.89084m (15051008)                396758.26
3767411.08       12.38000m (15051008)
       396798.26   3767411.08       14.11664m (15051008)                396838.26
3767411.08       16.21343m (15051008)
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       396878.26   3767411.08       18.68718m (15051008)                396918.26
 3767411.08       25.58438  (11021608)
       396958.26   3767411.08       30.68953  (10102008)                396998.26
 3767411.08       33.75452  (10100424)
       397038.26   3767411.08       32.53476m (10060508)                397078.26
 3767411.08       33.36004m (10060508)
       397118.26   3767411.08       37.12247  (10120424)                397158.26
 3767411.08       41.19502  (16012224)
       397198.26   3767411.08       47.08462  (16012224)                397238.26
 3767411.08       46.73922m (10042424)
       397278.26   3767411.08       43.99000m (10042424)                397318.26
 3767411.08       39.35460  (15101424)
       397358.26   3767411.08       38.35850m (12081408)                397398.26
 3767411.08       32.76168m (12081408)
       397438.26   3767411.08       29.52233  (15042424)                397478.26
 3767411.08       28.08936  (15042424)
       397518.26   3767411.08       25.80646  (15042424)                397558.26
 3767411.08       23.15277  (15042424)
       397598.26   3767411.08       20.60583  (16080124)                397638.26
 3767411.08       18.83253  (16080124)
       397678.26   3767411.08       17.14796  (15052324)                397718.26
 3767411.08       16.19502  (15052324)
       396558.26   3767451.08       13.76095  (10072108)                396598.26
 3767451.08       13.18777  (10072108)
       396638.26   3767451.08       12.51737  (11021608)                396678.26
 3767451.08       11.53585  (11021608)
       396718.26   3767451.08       10.53115  (11021608)                396758.26
 3767451.08       11.29200m (15051008)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  93
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396798.26	3767451.08	12.68773m	(15051008)	396838.26	3767451.08	14.33347m	(15051008)
396878.26	3767451.08	16.16908m	(15051008)	396918.26	3767451.08	21.16107	(10102008)
396958.26	3767451.08	27.18290	(10102008)	396998.26	3767451.08	30.66915m	(10060508)
397038.26	3767451.08	31.53836m	(10060508)	397078.26	3767451.08	31.64442m	(10060508)
397118.26	3767451.08	32.68218	(10121524)	397158.26	3767451.08	35.55024	(16012224)
397198.26	3767451.08	39.94361	(16012224)	397238.26	3767451.08	40.00912	(16012224)
397278.26	3767451.08	39.40320m	(10042424)	397318.26	3767451.08	35.23289	(10100324)
397358.26	3767451.08	33.84236m	(12081408)	397398.26	3767451.08	31.72148m	(12081408)
397438.26	3767451.08	28.35976m	(12081408)	397478.26	3767451.08	25.63385	(16070924)
397518.26	3767451.08	24.28997	(15042424)	397558.26	3767451.08	22.96105	(15042424)
397598.26	3767451.08	21.21571	(15042424)	397638.26	3767451.08	19.01936	(15042424)
397678.26	3767451.08	17.30191	(16080124)	397718.26	3767451.08	16.11724	(16080124)
396558.26	3767491.08	13.63436	(10072108)	396598.26	3767491.08	13.28209	(11021608)
396638.26	3767491.08	14.83330	(11021608)	396678.26	3767491.08	16.39083	(11021608)
396718.26	3767491.08	16.34765	(11021608)	396758.26	3767491.08	10.27807m	(15051008)
396798.26	3767491.08	11.40361m	(15051008)	396838.26	3767491.08	12.68572m	(15051008)
396878.26	3767491.08	14.08011m	(15051008)	396918.26	3767491.08	17.82162	(10102008)
396958.26	3767491.08	23.12330	(10102008)	396998.26	3767491.08	28.51032m	(10060508)
397038.26	3767491.08	30.08450m	(10060508)	397078.26	3767491.08	29.80887m	(10060508)
397118.26	3767491.08	29.62258	(10121524)	397158.26	3767491.08	31.33160	(16012224)
397198.26	3767491.08	34.86152	(16123108)	397238.26	3767491.08	35.24987	(16123108)
397278.26	3767491.08	35.17566m	(10042424)	397318.26			

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 3767491.08       32.62493m (10042424)
       397358.26   3767491.08       29.12136  (15101424)                397398.26
 3767491.08       29.38171m (12081408)
       397438.26   3767491.08       27.87428m (12081408)                397478.26
 3767491.08       25.00493m (12081408)
       397518.26   3767491.08       22.83905  (16070924)                397558.26
 3767491.08       21.24998  (15042424)
       397598.26   3767491.08       20.68643  (15042424)                397638.26
 3767491.08       19.27236  (15042424)
       397678.26   3767491.08       17.55142  (15042424)                397718.26
 3767491.08       15.93153  (15042424)
       396558.26   3767531.08       13.66395  (10072108)                396598.26
 3767531.08       14.12409  (10072108)
       396638.26   3767531.08       15.55069  (11021608)                396678.26
 3767531.08       16.78881  (11021608)
       396718.26   3767531.08       16.71794  (11021608)                396758.26
 3767531.08        9.35234m (15051008)
       396798.26   3767531.08       10.26557m (15051008)                396838.26
 3767531.08       11.27702m (15051008)
       396878.26   3767531.08       12.33526m (15051008)                396918.26
 3767531.08       13.52497  (10102008)
       396958.26   3767531.08       18.93119  (10122008)                396998.26
 3767531.08       25.41733m (10060508)
       397038.26   3767531.08       28.56472m (10060508)                397078.26
 3767531.08       28.53909m (10060508)
       397118.26   3767531.08       27.40721  (11020724)                397158.26
 3767531.08       27.95294  (15063008)
       397198.26   3767531.08       30.93231  (16123108)                397238.26
 3767531.08       31.53184  (16123108)
       397278.26   3767531.08       31.41521m (10042424)                397318.26
 3767531.08       30.31385m (10042424)
       397358.26   3767531.08       27.77431  (10100324)                397398.26
 3767531.08       25.51775m (12081408)
       397438.26   3767531.08       25.47785m (12081408)                397478.26
 3767531.08       24.29460m (12081408)
       397518.26   3767531.08       22.20237m (12081408)                397558.26
 3767531.08       20.60668  (16070924)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  94
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
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 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CO       IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        397598.26   3767531.08       19.55728  (16070924)               397638.26
 3767531.08       18.38541  (15042424)
        397678.26   3767531.08       17.34395  (15042424)               397718.26
 3767531.08       16.18627  (15042424)
        397320.82   3767219.11      107.20557m (15051008)               397330.82
 3767209.11       96.52102m (15051008)
        397340.82   3767189.11       88.87290m (15051008)               397340.82
 3767199.11       84.75424m (15051008)
        397340.82   3767209.11       80.20466m (15051008)               397350.82
 3767189.11       72.37778m (15051008)
        397350.82   3767199.11       70.62183m (15051008)               397360.82
 3767189.11       61.15676m (15051008)
        397360.82   3767199.11       60.36710m (15051008)               397370.82
 3767189.11       53.00797m (15051008)
        397380.82   3767189.11       46.78035m (15051008)               396920.42
 3767167.32       76.53040m (15051008)
        396989.95   3767243.54       97.76588m (15051008)               397044.10
 3767223.97      231.93013m (15051008)
        397113.57   3767239.93      245.20607m (15051008)               397158.63
 3767280.29      206.07655m (15051008)
        397168.95   3767307.05      134.18665m (15051008)               397244.05
 3767296.72      132.05399m (15051008)
        397260.95   3767278.88      142.58270m (15051008)               397409.74
 3767205.66       37.81360m (10042924)
        397422.89   3767189.23       31.76066m (10042924)               397426.64
 3767180.78       30.90824  (15111608)
        397420.54   3767170.46       31.19195m (15051008)               397318.68
 3767160.13      133.88823m (15051008)
        397022.98   3767083.62      135.39241m (15051008)               396943.60
 3767192.73      105.00808m (15051008)
        396966.77   3767218.13      111.34665m (15051008)               397017.03
 3767233.75      169.79041m (15051008)
        397078.83   3767231.95      239.98446m (15051008)               397136.10
 3767260.11      226.06777m (15051008)
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       397206.50   3767301.88      145.41929m (15051008)                397298.15
 3767260.58       98.31108m (15051008)
       397335.34   3767242.27       68.94891m (15051008)                397372.54
 3767223.96       49.80809  (16013124)
       397386.59   3767167.02       42.69324m (15051008)                397352.63
 3767163.57       66.93426m (15051008)
       397276.44   3767149.20      169.78884m (15051008)                397234.19
 3767138.27      170.73483m (15051008)
       397191.95   3767127.34      179.36424m (15051008)                397149.71
 3767116.41      186.96638m (15051008)
       397107.47   3767105.48      185.69887m (15051008)                397065.22
 3767094.55      171.64380m (15051008)
       396988.79   3767111.52      146.38933m (15051008)                396954.61
 3767139.42      146.40141m (15051008)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  95
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396558.26   3766771.08        8.72674  (10020516)               396598.26
 3766771.08       10.07384  (10020516)
       396638.26   3766771.08       11.37430  (10020516)               396678.26
 3766771.08       12.31135  (10020516)
       396718.26   3766771.08       13.96003m (16012908)               396758.26
 3766771.08       15.19626m (16012908)
       396798.26   3766771.08       15.41927  (16010808)               396838.26
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3766771.08 16.80155 (16121408)
396878.26 3766771.08 17.98179 (16121408) 396918.26
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396958.26 3766771.08 20.47966 (16122308) 396998.26
3766771.08 20.04421 (16122308)
397038.26 3766771.08 18.84594 (16122308) 397078.26
3766771.08 19.25470 (16122908)
397118.26 3766771.08 18.16781 (16122908) 397158.26
3766771.08 16.68116 (16122908)
397198.26 3766771.08 15.39754 (16122908) 397238.26
3766771.08 13.60307 (10010408)
397278.26 3766771.08 14.44799m (10042208) 397318.26
3766771.08 14.25132m (10042208)
397358.26 3766771.08 13.33143 (10012708) 397398.26
3766771.08 12.98277 (10012708)
397438.26 3766771.08 12.00270 (10012708) 397478.26
3766771.08 10.62561 (10012708)
397518.26 3766771.08 10.01956m (10020408) 397558.26
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397598.26 3766771.08 9.08260 (10020808) 397638.26
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3766771.08 7.15614 (10020808)
396558.26 3766811.08 8.65543 (10020516) 396598.26
3766811.08 10.12312 (10020516)
396638.26 3766811.08 12.00361 (10020516) 396678.26
3766811.08 13.61987 (10020516)
396718.26 3766811.08 14.70427 (10020516) 396758.26
3766811.08 15.86127m (16012908)
396798.26 3766811.08 17.33405m (16012908) 396838.26
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396878.26 3766811.08 19.98155 (16121408) 396918.26
3766811.08 21.42608 (16122308)
396958.26 3766811.08 23.13506 (16122308) 396998.26
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397118.26 3766811.08 20.62510 (16122908) 397158.26
3766811.08 19.14513 (16122908)
397198.26 3766811.08 17.58768 (16122908) 397238.26
3766811.08 16.16696m (10042208)
397278.26 3766811.08 16.49224m (10042208) 397318.26
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397358.26 3766811.08 15.31170 (10012708) 397398.26
3766811.08 14.26581 (10012708)
397438.26 3766811.08 12.64591 (10012708) 397478.26
3766811.08 11.81799m (10020408)
397518.26 3766811.08 11.17379m (10020408) 397558.26
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397598.26 3766811.08 10.07248 (10020808) 397638.26

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 3766811.08        7.68667  (15122508)
       396558.26   3766851.08        8.20351  (10020516)                396598.26
 3766851.08        9.88403  (10020516)
       396638.26   3766851.08       11.86405  (10020516)                396678.26
 3766851.08       14.17815  (10020516)
       396718.26   3766851.08       16.11629  (10020516)                396758.26
 3766851.08       17.46003  (10020516)
       396798.26   3766851.08       18.69893m (16012908)                396838.26
 3766851.08       20.49083m (16012908)
       396878.26   3766851.08       21.72317  (16010808)                396918.26
 3766851.08       23.79099  (16121408)
       396958.26   3766851.08       25.69071  (16122308)                396998.26
 3766851.08       26.58397  (16122308)
       397038.26   3766851.08       25.86204  (16122308)                397078.26
 3766851.08       24.37645  (16122308)
       397118.26   3766851.08       23.35860  (16122908)                397158.26
 3766851.08       21.70697  (16122908)
       397198.26   3766851.08       20.22768  (10012708)                397238.26
 3766851.08       20.06522  (10012708)
       397278.26   3766851.08       19.58905  (10012708)                397318.26
 3766851.08       18.35769  (10012708)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

                                   PAGE  96
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF CO       IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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       396878.26   3766931.08       27.07296m (16012908)                396918.26
 3766931.08       29.56719  (16010808)
       396958.26   3766931.08       32.34684  (16121408)                396998.26
 3766931.08       34.92031  (16122308)
       397038.26   3766931.08       36.60792  (16122308)                397078.26
 3766931.08       36.10544  (16122308)
       397118.26   3766931.08       33.98375  (16122308)                397158.26
 3766931.08       33.32290  (10012708)
       397198.26   3766931.08       32.38506  (10012708)                397238.26
 3766931.08       31.37946  (10012708)
       397278.26   3766931.08       28.61533  (10012708)                397318.26
 3766931.08       24.47604  (10012708)
       397358.26   3766931.08       21.53557m (10020408)                397398.26
 3766931.08       19.65182  (10050308)
       397438.26   3766931.08       17.86977  (10050308)                397478.26
 3766931.08       16.87784  (15122508)
       397518.26   3766931.08       16.05182  (15122508)                397558.26
 3766931.08       14.96629  (15122508)
       397598.26   3766931.08       13.76467  (15122508)                397638.26
 3766931.08       12.48952  (15122508)
       397678.26   3766931.08       11.19536  (15122508)                397718.26
 3766931.08       10.30457  (15121416)
       396558.26   3766971.08        9.02778  (11021816)                396598.26
 3766971.08       10.49787  (11021816)
       396638.26   3766971.08       12.06193  (11021816)                396678.26
 3766971.08       13.73614  (11021816)
       396718.26   3766971.08       15.47388  (11021816)                396758.26
 3766971.08       19.63744  (10020516)
       396798.26   3766971.08       24.54310  (10020516)                396838.26
 3766971.08       29.09255  (10020516)
       396878.26   3766971.08       32.11906  (10020516)                396918.26
 3766971.08       33.89542m (16012908)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE  97
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396958.26	3766971.08	37.80314	(16010808)	396998.26	3766971.08	42.04060	(16121408)
397038.26	3766971.08	45.08348	(16122308)	397078.26	3766971.08	44.83112	(16122308)
397118.26	3766971.08	45.62616	(10012708)	397158.26	3766971.08	49.18557	(10012708)
397198.26	3766971.08	45.13913	(10012708)	397238.26	3766971.08	39.09892	(10012708)
397278.26	3766971.08	33.72960	(10012708)	397318.26	3766971.08	27.50343m	(10020408)
397358.26	3766971.08	28.93563	(11011308)	397398.26	3766971.08	23.20289	(15122508)
397438.26	3766971.08	21.86811	(15122508)	397478.26	3766971.08	20.12583	(15122508)
397518.26	3766971.08	18.35704	(15122508)	397558.26	3766971.08	17.17335	(15122508)
397598.26	3766971.08	15.43087	(15122508)	397638.26	3766971.08	13.85149	(15121416)
397678.26	3766971.08	12.92681	(15121416)	397718.26	3766971.08	11.99351	(15121416)
396558.26	3767011.08	8.64095	(11021816)	396598.26	3767011.08	10.06934	(11021816)
396638.26	3767011.08	11.88171	(11021816)	396678.26	3767011.08	14.15516	(11021816)
396718.26	3767011.08	16.49605	(11021816)	396758.26	3767011.08	19.05676	(11021816)
396798.26	3767011.08	23.32009	(10020516)	396838.26	3767011.08	30.29419	(10020516)
396878.26	3767011.08	36.85182	(10020516)	396918.26	3767011.08	41.22027	(10020516)
396958.26	3767011.08	45.48770m	(16012908)	396998.26	3767011.08	52.85696c	(16012008)
397038.26	3767011.08	58.00598c	(16012008)	397078.26	3767011.08	61.57016	(15021008)
397118.26	3767011.08	64.21404	(10012708)	397158.26	3767011.08	73.14930	(10012708)
397198.26	3767011.08	69.18846	(10012708)	397238.26	3767011.08	55.51057	(10012708)
397278.26	3767011.08	42.54250	(10012708)	397318.26			

3767011.08 34.07288 (15122508)
  397358.26 3767011.08 32.17113 (11011308) 397398.26
3767011.08 29.09881 (15122508)
  397438.26 3767011.08 26.47788 (15122508) 397478.26
3767011.08 23.77583 (15122508)
  397518.26 3767011.08 21.07406 (15122508) 397558.26
3767011.08 18.90291 (15121416)
  397598.26 3767011.08 17.64418 (15121416) 397638.26
3767011.08 16.26584 (15121416)
  397678.26 3767011.08 14.84963 (15121416) 397718.26
3767011.08 13.58735 (15121416)
  396558.26 3767051.08 8.21285 (12012308) 396598.26
3767051.08 9.22458 (11021816)
  396638.26 3767051.08 10.96945 (11021816) 396678.26
3767051.08 13.19768 (11021816)
  396718.26 3767051.08 15.89283 (11021816) 396758.26
3767051.08 19.27958 (11021816)
  396798.26 3767051.08 23.18004 (11021816) 396838.26
3767051.08 28.10829 (10020516)
  396878.26 3767051.08 38.47695 (10020516) 396918.26
3767051.08 48.83713 (10020516)
  396958.26 3767051.08 56.02851 (15013008) 396998.26
3767051.08 75.92586c (16012008)
  397038.26 3767051.08 97.84049 (16122816) 397078.26
3767051.08 92.19808 (16122908)
  397118.26 3767051.08 85.03320 (10012708) 397158.26
3767051.08 83.62458 (10012708)
  397198.26 3767051.08 78.93761 (10012708) 397238.26
3767051.08 67.30354 (10012708)
  397278.26 3767051.08 60.01695 (15122508) 397318.26
3767051.08 55.85230 (15111616)
  397358.26 3767051.08 39.95626 (15122508) 397398.26
3767051.08 34.38772 (15122508)
  397438.26 3767051.08 29.73384 (15122508) 397478.26
3767051.08 26.87588 (15121416)
  397518.26 3767051.08 24.97184 (15121416) 397558.26
3767051.08 22.92906 (15121416)
  397598.26 3767051.08 20.75966 (15121416) 397638.26
3767051.08 18.65758 (15121416)
  397678.26 3767051.08 16.70696 (15121416) 397718.26
3767051.08 14.99503 (15121416)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        396558.26   3767091.08   8.43643 (12012308)   396598.26
 3767091.08   9.56243 (12012308)
        396638.26   3767091.08   10.91010 (12012308)   396678.26
 3767091.08   12.50071 (12012308)
        396718.26   3767091.08   14.62851 (12012308)   396758.26
 3767091.08   17.30536 (12012308)
        396798.26   3767091.08   21.46609 (11021816)   396838.26
 3767091.08   27.48988 (11021816)
        396878.26   3767091.08   36.37394 (15021608)   396918.26
 3767091.08   51.96850 (15021608)
        396958.26   3767091.08   77.85765 (15122308)   396998.26
 3767091.08   133.02194 (15013008)
        397078.26   3767091.08   152.17228m (15051008)   397118.26
 3767091.08   131.53343m (15051008)
        397158.26   3767091.08   112.45897m (15051008)   397198.26
 3767091.08   99.42898 (10012708)
        397238.26   3767091.08   85.78558 (15122508)   397278.26
 3767091.08   77.58072 (15122508)
        397318.26   3767091.08   72.12831 (15121416)   397358.26
 3767091.08   48.41285 (15122508)
        397398.26   3767091.08   39.54525 (15121424)   397438.26
 3767091.08   36.50754 (15121416)
        397478.26   3767091.08   33.04357 (15121416)   397518.26
 3767091.08   29.43961 (15121416)
        397558.26   3767091.08   26.13123 (15121416)   397598.26
 3767091.08   23.06918 (15121416)
        397638.26   3767091.08   20.16545 (15121416)   397678.26
 3767091.08   17.66081 (15121416)
        397718.26   3767091.08   15.59158 (15121416)   396558.26
 3767131.08   9.09282 (11020924)

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       396598.26   3767131.08       10.21155  (11020924)                396638.26
3767131.08       11.45474  (11020924)
       396678.26   3767131.08       12.76027  (11020924)                396718.26
3767131.08       14.69362  (12012308)
       396758.26   3767131.08       17.86524  (12012308)                396798.26
3767131.08       21.98895  (12012308)
       396838.26   3767131.08       28.57409  (15122308)                396878.26
3767131.08       40.41571  (15122308)
       396918.26   3767131.08       65.10153  (15122308)                396958.26
3767131.08      135.10858m (15051008)
       397238.26   3767131.08      142.48855m (15051008)                397278.26
3767131.08      111.53790  (15122508)
       397318.26   3767131.08       83.58534  (15121416)                397358.26
3767131.08       67.10185  (15121416)
       397398.26   3767131.08       50.24663  (15121416)                397438.26
3767131.08       43.22562  (15121416)
       397478.26   3767131.08       37.13030  (15121416)                397518.26
3767131.08       31.82313  (15121416)
       397558.26   3767131.08       27.39710  (15121416)                397598.26
3767131.08       23.64359  (15121416)
       397638.26   3767131.08       20.23042  (15121416)                397678.26
3767131.08       17.45565  (15121416)
       397718.26   3767131.08       15.26408  (15121416)                396558.26
3767171.08        9.48226  (11020924)
       396598.26   3767171.08       10.68341  (11020924)                396638.26
3767171.08       12.11950  (11020924)
       396678.26   3767171.08       13.63160  (11020924)                396718.26
3767171.08       15.48284  (11020924)
       396758.26   3767171.08       18.21114  (11020924)                396798.26
3767171.08       22.19742  (11020924)
       396838.26   3767171.08       29.16407m (15051008)                396878.26
3767171.08       42.07837m (15051008)
       396918.26   3767171.08       73.11508m (15051008)                397438.26
3767171.08       44.20913  (15121416)
       397478.26   3767171.08       36.44043  (15121416)                397518.26
3767171.08       30.49179  (15121416)
       397558.26   3767171.08       25.38083  (15121416)                397598.26
3767171.08       21.77455  (15121416)
       397638.26   3767171.08       18.82010  (15121416)                397678.26
3767171.08       16.33286  (15121416)
       397718.26   3767171.08       14.13271  (15121416)                396558.26
3767211.08        9.78553  (15021124)
       396598.26   3767211.08       11.08597  (15021124)                396638.26
3767211.08       12.57223  (15021124)
       396678.26   3767211.08       14.34185  (15021124)                396718.26
3767211.08       16.06290  (15021124)
       396758.26   3767211.08       18.59780  (15021124)                396798.26
3767211.08       22.44138  (15021124)
       396838.26   3767211.08       28.40181  (15021124)                396878.26
3767211.08       39.42510m (15051008)
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396918.26	3767211.08	60.90084m	(15051008)	396958.26	3767211.08	107.82610m	(15051008)
397438.26	3767211.08	43.39775	(15111608)	397478.26	3767211.08	35.47550	(15111608)
397518.26	3767211.08	27.65014	(15111608)	397558.26	3767211.08	21.29512	(15111608)
397598.26	3767211.08	18.32254	(15121416)	397638.26	3767211.08	15.97445	(15121416)
397678.26	3767211.08	13.93287	(15121416)	397718.26	3767211.08	12.11293	(15121416)
396558.26	3767251.08	9.59516	(15021124)	396598.26	3767251.08	10.80822	(15021124)
396638.26	3767251.08	12.21783	(15021124)	396678.26	3767251.08	13.86654	(15021124)
396718.26	3767251.08	15.59557	(15021124)	396758.26	3767251.08	17.49936	(15021124)
396798.26	3767251.08	21.17547	(10101408)	396838.26	3767251.08	26.72291	(10101408)
396878.26	3767251.08	34.99710	(10101408)	396918.26	3767251.08	47.62963m	(15051008)
396958.26	3767251.08	66.54577m	(15051008)	396998.26			

3767251.08 91.79845m (15051008)
397038.26 3767251.08 115.25509m (15051008) 397078.26
3767251.08 151.57213m (15051008)
397118.26 3767251.08 232.97861m (15051008) 397318.26
3767251.08 86.39604 (16092324)
397358.26 3767251.08 64.22257 (11072908) 397398.26
3767251.08 50.06210 (11072908)
397438.26 3767251.08 41.01472 (11072908) 397478.26
3767251.08 34.92665 (11072908)
397518.26 3767251.08 28.25915 (11062908) 397558.26
3767251.08 23.29160 (11062908)
397598.26 3767251.08 18.59046 (11062908) 397638.26
3767251.08 15.54695 (11012008)
397678.26 3767251.08 13.55150 (11012008) 397718.26
3767251.08 11.77532 (11012008)
396558.26 3767291.08 12.59040 (15021708) 396598.26
3767291.08 12.61090 (10101408)
396638.26 3767291.08 13.41480 (10101408) 396678.26
3767291.08 13.65605 (11112408)
396718.26 3767291.08 15.93704 (10101408) 396758.26
3767291.08 17.78724 (10101408)
396798.26 3767291.08 20.69749 (10101408) 396838.26
3767291.08 24.86545 (10101408)
396878.26 3767291.08 30.15078 (10100516) 396918.26
3767291.08 45.20956 (10111924)
396958.26 3767291.08 54.55083 (10111924) 396998.26
3767291.08 63.30220 (15021708)
397038.26 3767291.08 62.82166 (15021708) 397078.26
3767291.08 77.63364 (15082608)
397118.26 3767291.08 101.72378m (15051008) 397158.26
3767291.08 181.91097m (15051008)
397278.26 3767291.08 96.53337m (11112224) 397318.26
3767291.08 75.52856 (15101624)
397358.26 3767291.08 59.33354 (15042424) 397398.26
3767291.08 46.82137 (12110924)
397438.26 3767291.08 40.58310 (12110924) 397478.26
3767291.08 35.59336 (12110924)
397518.26 3767291.08 30.80838 (12110924) 397558.26
3767291.08 26.43094 (11072908)
397598.26 3767291.08 23.20615 (11072908) 397638.26
3767291.08 19.45028 (11072908)
397678.26 3767291.08 14.46199 (11022308) 397718.26
3767291.08 12.04475 (11022308)
396558.26 3767331.08 15.49045 (15021708) 396598.26
3767331.08 16.91085 (15021708)
396638.26 3767331.08 17.88557 (15021708) 396678.26
3767331.08 15.31984 (10101408)
396718.26 3767331.08 14.80951 (10101408) 396758.26
3767331.08 17.23181 (10100516)
396798.26 3767331.08 20.43980 (10100516) 396838.26

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       397198.26   3767331.08   96.28244 (10111824)   397238.26
3767331.08   87.70430 (16011924)
       397278.26   3767331.08   79.04872 (15101424)   397318.26
3767331.08   63.85852 (15042424)
       397358.26   3767331.08   55.89104 (15042424)   397398.26
3767331.08   46.67651 (15042424)
       397438.26   3767331.08   38.83242 (15042424)   397478.26
3767331.08   34.74826 (12110924)
       397518.26   3767331.08   31.46452 (12110924)   397558.26
3767331.08   28.13474 (12110924)
       397598.26   3767331.08   24.99291 (12110924)   397638.26
3767331.08   22.45965 (12110924)

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       397678.26   3767331.08       18.42673  (12110924)                397718.26
3767331.08       13.65416  (12110924)
       396558.26   3767371.08       15.38462  (15021708)                396598.26
3767371.08       16.01408  (15021708)
       396638.26   3767371.08       16.20844  (11021708)                396678.26
3767371.08       13.65448  (10100516)
       396718.26   3767371.08       16.43044  (10100516)                396758.26
3767371.08       19.05876  (10100516)
       396798.26   3767371.08       21.37491  (10100516)                396838.26
3767371.08       23.76340  (10100516)
       396878.26   3767371.08       26.34959  (10100516)                396918.26
3767371.08       36.91954  (11021608)
       396958.26   3767371.08       40.88828  (11021608)                396998.26
3767371.08       42.78760  (10051808)
       397038.26   3767371.08       42.81413  (10102824)                397078.26
3767371.08       48.55893  (10100408)
       397118.26   3767371.08       59.67111  (10100408)                397158.26
3767371.08       67.80694  (16012224)
       397198.26   3767371.08       72.52146  (16012224)                397238.26
3767371.08       69.27324  (10111824)
       397278.26   3767371.08       61.15973  (10111824)                397318.26
3767371.08       56.37566m (12081408)
       397358.26   3767371.08       49.78428m (12081408)                397398.26
3767371.08       44.05829  (15042424)
       397438.26   3767371.08       40.08649  (15042424)                397478.26
3767371.08       34.99510  (15042424)
       397518.26   3767371.08       29.95711  (16080124)                397558.26
3767371.08       27.54577  (12110924)
       397598.26   3767371.08       25.78081  (12110924)                397638.26
3767371.08       23.61289  (12110924)
       397678.26   3767371.08       21.58459  (12110924)                397718.26
3767371.08       17.80746  (12110924)
       396558.26   3767411.08       14.80405  (15021708)                396598.26
3767411.08       14.87547  (11021708)
       396638.26   3767411.08       13.98362  (10111924)                396678.26
3767411.08       14.83998  (10100516)
       396718.26   3767411.08       17.18357  (10100516)                396758.26
3767411.08       19.22380  (10100516)
       396798.26   3767411.08       20.67732  (10100516)                396838.26
3767411.08       21.88074  (10100516)
       396878.26   3767411.08       22.95109  (10100516)                396918.26
3767411.08       31.33157  (11021608)
       396958.26   3767411.08       35.37180  (11021608)                396998.26
3767411.08       36.03318  (10122008)
       397038.26   3767411.08       36.58736  (10122008)                397078.26
3767411.08       38.26480  (10061116)
       397118.26   3767411.08       47.69120  (10100408)                397158.26
3767411.08       53.10205  (10100408)
       397198.26   3767411.08       59.88629  (16012224)                397238.26
3767411.08       59.50422  (16012224)
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       397278.26   3767411.08       54.76472  (10111824)                397318.26
 3767411.08       47.70532m (12081408)
       397358.26   3767411.08       46.78191m (12081408)                397398.26
 3767411.08       40.84859m (12081408)
       397438.26   3767411.08       36.88850  (15042424)                397478.26
 3767411.08       34.62318  (15042424)
       397518.26   3767411.08       31.29597  (15042424)                397558.26
 3767411.08       27.60950  (15042424)
       397598.26   3767411.08       24.43436  (16080124)                397638.26
 3767411.08       22.79661  (12110924)
       397678.26   3767411.08       21.48227  (12110924)                397718.26
 3767411.08       20.06445  (12110924)
       396558.26   3767451.08       14.43874  (10072108)                396598.26
 3767451.08       14.40953  (10111924)
       396638.26   3767451.08       14.09548  (10111924)                396678.26
 3767451.08       15.03210  (10100516)
       396718.26   3767451.08       16.81169  (10100516)                396758.26
 3767451.08       18.12976  (10100516)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:18:19

                                  PAGE 101
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF CO       IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396798.26   3767451.08       18.86298  (10100516)                396838.26
 3767451.08       19.45309  (10100516)
       396878.26   3767451.08       19.76780  (15051308)                396918.26
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3767451.08 27.18147 (11021608)
396958.26 3767451.08 30.71060 (15051308) 396998.26
3767451.08 33.13105 (10122008)
397038.26 3767451.08 33.40653 (10122008) 397078.26
3767451.08 35.45036 (11020724)
397118.26 3767451.08 40.13855 (11020724) 397158.26
3767451.08 44.03818 (10100408)
397198.26 3767451.08 50.00353 (16012224) 397238.26
3767451.08 51.36408 (16012224)
397278.26 3767451.08 47.74842 (10111824) 397318.26
3767451.08 43.81431 (10111824)
397358.26 3767451.08 40.82411m (12081408) 397398.26
3767451.08 38.82765m (12081408)
397438.26 3767451.08 35.16905m (12081408) 397478.26
3767451.08 31.31825 (15042424)
397518.26 3767451.08 30.21115 (15042424) 397558.26
3767451.08 28.13952 (15042424)
397598.26 3767451.08 25.54653 (15042424) 397638.26
3767451.08 22.50832 (15042424)
397678.26 3767451.08 20.21214 (16080124) 397718.26
3767451.08 19.12006 (12110924)
396558.26 3767491.08 14.44424 (10072108) 396598.26
3767491.08 15.09533 (11021608)
396638.26 3767491.08 17.02145 (11021608) 396678.26
3767491.08 19.06167 (11021608)
396718.26 3767491.08 19.51168 (11021608) 396758.26
3767491.08 16.32469 (10100516)
396798.26 3767491.08 16.61097 (10100516) 396838.26
3767491.08 16.65504 (10100516)
396878.26 3767491.08 16.37443 (10100516) 396918.26
3767491.08 23.04672 (11021608)
396958.26 3767491.08 26.62992 (10102008) 396998.26
3767491.08 29.93466 (10122008)
397038.26 3767491.08 30.08450m (10060508) 397078.26
3767491.08 33.04267 (11020724)
397118.26 3767491.08 36.24843 (11020724) 397158.26
3767491.08 37.14764 (11020724)
397198.26 3767491.08 42.21520 (16012224) 397238.26
3767491.08 44.56804 (16012224)
397278.26 3767491.08 42.17226 (16012224) 397318.26
3767491.08 39.85738 (10111824)
397358.26 3767491.08 35.92377 (10111824) 397398.26
3767491.08 35.24896m (12081408)
397438.26 3767491.08 33.80922m (12081408) 397478.26
3767491.08 30.77085m (12081408)
397518.26 3767491.08 27.59409 (16090924) 397558.26
3767491.08 26.48884 (15042424)
397598.26 3767491.08 25.33730 (15042424) 397638.26
3767491.08 23.25287 (15042424)
397678.26 3767491.08 20.83290 (15042424) 397718.26

```
 3767491.08       18.56387  (15042424)
       396558.26   3767531.08       14.81797  (11021608)                396598.26
 3767531.08       16.64378  (11021608)
       396638.26   3767531.08       18.72653  (11021608)                396678.26
 3767531.08       20.54908  (11021608)
       396718.26   3767531.08       20.75261  (11021608)                396758.26
 3767531.08       14.18071  (10100516)
       396798.26   3767531.08       14.23205  (10100516)                396838.26
 3767531.08       14.03136  (10100516)
       396878.26   3767531.08       14.96668  (15051308)                396918.26
 3767531.08       18.48166  (11021608)
       396958.26   3767531.08       22.03400  (10102008)                396998.26
 3767531.08       25.84495  (10122008)
       397038.26   3767531.08       28.56472m (10060508)                397078.26
 3767531.08       31.46990  (11020724)
       397118.26   3767531.08       33.01803  (11020724)                397158.26
 3767531.08       33.15544  (11020724)
       397198.26   3767531.08       35.96754  (16012224)                397238.26
 3767531.08       38.56945  (16012224)
       397278.26   3767531.08       37.78152  (16012224)                397318.26
 3767531.08       35.17609  (10111824)
       397358.26   3767531.08       33.49511  (10111824)                397398.26
 3767531.08       29.89632m (12081408)
       397438.26   3767531.08       30.10854m (12081408)                397478.26
 3767531.08       29.33748m (12081408)
       397518.26   3767531.08       27.11487m (12081408)                397558.26
 3767531.08       24.68954  (16090924)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:18:19

                                   PAGE 102
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF CO       IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397598.26	3767531.08	23.45280	(15042424)	397638.26	3767531.08	22.43998	(15042424)
397678.26	3767531.08	20.86649	(15042424)	397718.26	3767531.08	19.14066	(15042424)
397320.82	3767219.11	107.20557m	(15051008)	397330.82	3767209.11	100.03651	(16092324)
397340.82	3767189.11	107.58718	(15121416)	397340.82	3767199.11	97.85472	(15121416)
397340.82	3767209.11	86.96274	(15122516)	397350.82	3767189.11	100.82174	(15121416)
397350.82	3767199.11	90.87224	(15121416)	397360.82	3767189.11	87.45010	(15121416)
397360.82	3767199.11	79.49660	(15121416)	397370.82	3767189.11	69.85043	(15121416)
397380.82	3767189.11	58.40661	(15121416)	396920.42	3767167.32	76.53040m	(15051008)
396989.95	3767243.54	97.76588m	(15051008)	397044.10	3767223.97	231.93013m	(15051008)
397113.57	3767239.93	245.20607m	(15051008)	397158.63	3767280.29	206.07655m	(15051008)
397168.95	3767307.05	134.18665m	(15051008)	397244.05	3767296.72	132.05399m	(15051008)
397260.95	3767278.88	142.58270m	(15051008)	397409.74	3767205.66	49.27123	(15111608)
397422.89	3767189.23	46.33020	(15111608)	397426.64	3767180.78	45.86898	(15111608)
397420.54	3767170.46	48.38226	(15121416)	397318.68	3767160.13	133.88823m	(15051008)
397022.98	3767083.62	146.01378c	(16012008)	396943.60	3767192.73	105.00808m	(15051008)
396966.77	3767218.13	111.34665m	(15051008)	397017.03	3767233.75	169.79041m	(15051008)
397078.83	3767231.95	239.98446m	(15051008)	397136.10	3767260.11	226.06777m	(15051008)
397206.50	3767301.88	145.41929m	(15051008)	397298.15	3767260.58	98.31108m	(15051008)
397335.34	3767242.27	73.01084	(16092324)	397372.54	3767223.96	55.10447	(16020108)
397386.59	3767167.02	58.65944	(15121416)	397352.63	3767163.57	101.46876	(15121416)
397276.44	3767149.20	169.78884m	(15051008)	397234.19	3767138.27	170.73483m	(15051008)
397191.95	3767127.34	179.36424m	(15051008)	397149.71	3767116.41	186.96638m	(15051008)

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                                *** THE SUMMARY OF HIGHEST 1-HR
RESULTS ***

                                   ** CONC OF CO   IN MICROGRAMS/M**3
             **

                                                        DATE
                                        NETWORK
GROUP ID   AVERAGE CONC   (YYMMDDHH)   RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE GRID-ID
- -
- -

GENERATO HIGH   1ST HIGH VALUE IS   199.26784 ON 10123106: AT (397118.26,
3767051.08,   109.09,   134.58,   2.00) DC
         HIGH   8TH HIGH VALUE IS   149.74214 ON 10051206: AT (397158.26,
3767091.08,   109.15,   149.01,   2.00) DC

AREA   HIGH   1ST HIGH VALUE IS   273.86581 ON 15101407: AT (397113.57,
3767239.93,   112.10,   187.57,   2.00) DC
         HIGH   8TH HIGH VALUE IS   270.77955 ON 10071306: AT (397113.57,
3767239.93,   112.10,   187.57,   2.00) DC

ALL   HIGH   1ST HIGH VALUE IS   274.17148 ON 15101407: AT (397113.57,
3767239.93,   112.10,   187.57,   2.00) DC
         HIGH   8TH HIGH VALUE IS   271.01420 ON 10071306: AT (397113.57,
3767239.93,   112.10,   187.57,   2.00) DC

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE	NETWORK CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)
GENERATO	HIGH 1ST HIGH VALUE IS	73.93700	ON 16122816:	AT (397022.98, 3767083.62, 105.68, 142.19, 2.00) DC
AREA	HIGH 1ST HIGH VALUE IS	245.20607m	ON 15051008:	AT (397113.57, 3767239.93, 112.10, 187.57, 2.00) DC
ALL	HIGH 1ST HIGH VALUE IS	245.20607m	ON 15051008:	AT (397113.57, 3767239.93, 112.10, 187.57, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 148 Warning Message(s)
A Total of 1277 Informational Message(s)

A Total of 43848 Hours Were Processed

```
 A Total of          152 Calm Hours Identified

 A Total of         1125 Missing Hours Identified (  2.57 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     905       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     905       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 CN W733     520         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010012216
 CN W733    1536         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010030524
 CN W733    1544         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010030608
 CN W733    1552         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010030616
 CN W733    1560         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010030624
 CN W733    1568         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010030708
 CN W733    1576         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010030716
 CN W733    2680         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010042216
 CN W733    2704         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010042316
 CN W733    2728         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010042416
 CN W733    2752         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010042516
 CN W733    2776         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010042616
 CN W733    2800         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010042716
 CN W733    2824         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010042816
 CN W733    2848         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010042916
 CN W733    2872         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010043016
 CN W733    2896         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010050116
 CN W733    2920         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010050216
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 CN W733    3360         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010052024
 CN W733    3368         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010052108
 CN W733    3736         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010060516
 CN W733    5968         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010090616
 CN W733    6000         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010090724
 CN W733    6008         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010090808
 CN W733    6536         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010093008
 CN W733    7032         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010102024
 CN W733    8168         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010120708
 CN W733    8344         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010121416
 CN W733    8624         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010122608
 CN W733    8760         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2010123124
 CN W733    8952         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011010824
 CN W733    8960         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011010908
 CN W733    9496         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011013116
 CN W733    9504         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011013124
 CN W733    9512         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011020108
 CN W733    9520         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011020116
 CN W733   10088         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011022508
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2011030108
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2011040716
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2011040724
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2011040808
 CN W733   11104         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011040816
 CN W733   11112         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011040824
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2011040916
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2011040924
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2011041008
 CN W733   11152   AVER: 8-hr avg, < 6 hours of data, calms policy used.
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 CN W733   11160   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011041024
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2011061208
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2011061216
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2011061224
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2011061308
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2011061516
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2011070324
 CN W733   13184   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011070408
 CN W733   13216   AVER: 8-hr avg, < 6 hours of data, calms policy used.
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2011072508

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2011100708
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2011100716
 CN W733   15496   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011100816
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2011110316
 CN W733   16408   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2011111516
 CN W733   16568   AVER: 8-hr avg, < 6 hours of data, calms policy used.
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2012012908
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2012050216
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2012052016
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2012052208

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2012052308
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2012052424
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2012052508
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2012090424
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2012092916
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2012092924
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 CN W733   24088   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2012093016
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2012113016
 CN W733   25560   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2012113024
 CN W733   25568   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2012120108
 CN W733   25576   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2012120116
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2012120308

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 CN W733   25624         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2012120316
 CN W733   26216         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2012122808
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  15010101
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
2 year gap
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 CN W733   27944         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015031008
 CN W733   29416         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015051016
 CN W733   30688         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015070216
 CN W733   30696         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015070224
 CN W733   30944         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015071308
 CN W733   31592         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015080908
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2015123124
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2016012908
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2016031316
 CN W733   36832         AVER: 8-hr avg, < 6 hours of data, calms policy used.
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 CN W733   37200         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016032924
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2016072108
 CN W733   40408         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081016
 CN W733   40504         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081416
 CN W733   40624         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016081916
 CN W733   40856         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016082908
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2016112608
 CN W733   43848         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016123124

    ************************************
    *** AERMOD Finishes Successfully ***
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** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 9/19/2025
** File: C:\Lakes\AERMOD View\Saturn_NOx\Saturn_NOx.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
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   MODELOPT CONC
   AVERTIME 1
   URBANOPT 9830000 Los_Angeles
   POLLUTID NO2
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL Saturn_NOx.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
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SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION EG01         POINT      397047.306  3767179.215      112.471
** DESCRSRC EG01
   LOCATION EG08         POINT      397112.728  3767196.954      109.310
** DESCRSRC EG08
   LOCATION EG24         POINT      397256.040  3767235.040      113.480
** DESCRSRC EG24
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 1.0
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** 396963.820, 3767177.650, 113.00, 5.10, 4.19
** 397043.760, 3767097.460, 113.00, 5.10, 4.19
** 397056.240, 3767105.780, 113.00, 5.10, 4.19
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** Source Parameters **
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** ------------------------------------------------------------------

** Building Downwash **
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG24           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDWID EG01          284.00   270.01   247.81   218.08   181.73   139.85
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BUILDWID	EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDLEN	EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73

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   XBADJ    EG08          -53.34   -38.33   -22.16    -5.31   -14.19   -45.21
   XBADJ    EG08          -74.86  -102.23  -126.50  -146.92  -162.88  -173.89
   XBADJ    EG08         -179.62  -189.02  -195.95  -196.93  -191.92  -181.08
   XBADJ    EG08         -164.74  -143.40  -117.69   -88.42   -89.68  -103.60

   XBADJ    EG24         -176.77  -206.48  -229.92  -246.37  -255.33  -256.54
   XBADJ    EG24         -249.95  -244.67  -236.73  -221.60  -199.73  -171.79
   XBADJ    EG24         -138.64  -101.27   -60.83   -18.53    -1.56    -7.12
   XBADJ    EG24          -12.46   -17.42   -21.86   -25.62   -28.62   -30.74
   XBADJ    EG24          -31.92   -41.27   -52.64   -62.41   -70.28   -76.02
   XBADJ    EG24          -79.44   -80.46   -79.03   -75.19  -102.30  -141.69

   YBADJ    EG01         -116.27  -112.33  -104.97   -94.42   -81.00   -65.12
   YBADJ    EG01          -47.27   -31.64   -11.46     9.06    29.31    48.68
   YBADJ    EG01           66.56    82.42    95.77   106.22   113.55   116.68
   YBADJ    EG01          116.27   112.33   104.97    94.42    81.00    65.12
   YBADJ    EG01           47.27    31.64    11.46    -9.06   -29.31   -48.68
   YBADJ    EG01          -66.56   -82.42   -95.77  -106.22  -113.55  -116.69

   YBADJ    EG08          -54.92   -56.92   -57.18   -55.70   -52.53   -47.77
   YBADJ    EG08          -41.55   -37.74   -29.19   -19.76    -9.72     0.61
   YBADJ    EG08           10.93    20.91    30.25    38.68    46.05    51.27
   YBADJ    EG08           54.92    56.92    57.18    55.70    52.53    47.77
   YBADJ    EG08           41.55    37.74    29.19    19.76     9.72    -0.61
   YBADJ    EG08          -10.93   -20.91   -30.25   -38.68   -46.05   -51.27

   YBADJ    EG24           79.59    64.72    47.89    29.60    10.41    -9.10
   YBADJ    EG24          -28.33   -50.37   -67.29   -82.16   -94.53  -104.03
   YBADJ    EG24         -110.37  -113.36  -112.90  -109.01  -101.70   -92.04
   YBADJ    EG24          -79.59   -64.72   -47.89   -29.60   -10.41     9.10
   YBADJ    EG24           28.33    50.37    67.29    82.16    94.53   104.03
   YBADJ    EG24          110.37   113.36   112.90   109.01   101.70    92.04

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Operations"
** WeekDays:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   SRCGROUP Area     L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
   SRCGROUP Area     L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
   SRCGROUP Area     L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
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   SRCGROUP Area     L0000097 L0000098 L0000099 L0000100 L0000101 L0000102
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   SRCGROUP Area     L0000283 L0000284 L0000285 L0000286 L0000287 L0000288
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Saturn_NOx.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
** Surface File Path: C:\Lakes\AERMOD View\Saturn_NOx\PICO_V9_ADJU\
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   SURFFILE PICO_V9_ADJU\PICO_v9.SFC
** Profile File Path: C:\Lakes\AERMOD View\Saturn_NOx\PICO_V9_ADJU\
   PROFFILE PICO_V9_ADJU\PICO_v9.PFL
   SURFDATA 3166 2010 Pico
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 1 1ST 8TH
** Auto-Generated Plotfiles
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31
   PLOTFILE 1 Generato 1ST "C:\Lakes\AERMOD
View\Saturn_NOx\SATURN_NOX.AD\01H1G001.PLT" 32
   PLOTFILE 1 Area 1ST "C:\Lakes\AERMOD View\Saturn_NOx\SATURN_NOX.AD\01H1G002.PLT"
33
   PLOTFILE 1 ALL 8TH "C:\Lakes\AERMOD View\Saturn_NOx\SATURN_NOX.AD\01H8GALL.PLT"
34
   PLOTFILE 1 Generato 8TH "C:\Lakes\AERMOD
View\Saturn_NOx\SATURN_NOX.AD\01H8G001.PLT" 35
   PLOTFILE 1 Area 8TH "C:\Lakes\AERMOD View\Saturn_NOx\SATURN_NOX.AD\01H8G002.PLT"
36
   MXDYBYYR ALL "C:\Lakes\AERMOD
View\Saturn_NOx\SATURN_NOX.AD\MXDYBYYR_ALL_NO2.DAT" 37
   MXDYBYYR GENERATO "C:\Lakes\AERMOD
View\Saturn_NOx\SATURN_NOX.AD\MXDYBYYR_Generato_NO2.DAT" 38
   MXDYBYYR AREA "C:\Lakes\AERMOD
View\Saturn_NOx\SATURN_NOX.AD\MXDYBYYR_Area_NO2.DAT" 39
   MAXDAILY ALL "C:\Lakes\AERMOD
View\Saturn_NOx\SATURN_NOX.AD\MAXDAILY_ALL_NO2.DAT" 40
   MAXDAILY GENERATO "C:\Lakes\AERMOD
View\Saturn_NOx\SATURN_NOX.AD\MAXDAILY_Generato_NO2.DAT" 41
   MAXDAILY AREA "C:\Lakes\AERMOD
View\Saturn_NOx\SATURN_NOX.AD\MAXDAILY_Area_NO2.DAT" 42
   SUMMFILE "C:\Lakes\AERMOD View\Saturn_NOx\Saturn_NOx.sum"
OU FINISHED
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** Project Parameters
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** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
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** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
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** Lakes Environmental AERMOD MPI
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** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 9/19/2025
** FILE: C:\LAKES\AERMOD VIEW\SATURN_NOX\SATURN_NOX.ADI
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**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
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CO STARTING
   TITLEONE C:\LAKES\AERMOD VIEW\SATURN DATA CENTER_CONS\SATURN DATA CENTER_CONS
   MODELOPT CONC
   AVERTIME 1
   URBANOPT 9830000 LOS_ANGELES
   POLLUTID NO2
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL SATURN_NOX.ERR
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
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**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
   LOCATION EG01         POINT      397047.306  3767179.215      112.471
** DESCRSRC EG01
   LOCATION EG08         POINT      397112.728  3767196.954      109.310
** DESCRSRC EG08
   LOCATION EG24         POINT      397256.040  3767235.040      113.480
** DESCRSRC EG24
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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 9.00
** CONFIGURATION = ADJACENT
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** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 10.20
** SZINIT = 4.74
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** 396948.070, 3767160.170, 113.00, 5.10, 4.19
** 396963.820, 3767177.650, 113.00, 5.10, 4.19
** 397043.760, 3767097.460, 113.00, 5.10, 4.19
** 397056.240, 3767105.780, 113.00, 5.10, 4.19
** 396975.980, 3767189.760, 113.00, 5.10, 4.19
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** 397077.470, 3767110.360, 113.00, 5.10, 4.19
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   LOCATION L0000003     VOLUME   397005.231 3767106.960 113.00
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   LOCATION L0000005     VOLUME   396992.056 3767119.225 113.00
   LOCATION L0000006     VOLUME   396985.468 3767125.357 113.00
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   LOCATION L0000009     VOLUME   396965.706 3767143.754 113.00
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LOCATION L0000013     VOLUME   396956.040 3767169.015 113.00
LOCATION L0000014     VOLUME   396962.064 3767175.702 113.00
LOCATION L0000015     VOLUME   396968.322 3767173.134 113.00
LOCATION L0000016     VOLUME   396974.676 3767166.760 113.00
LOCATION L0000017     VOLUME   396981.030 3767160.386 113.00
LOCATION L0000018     VOLUME   396987.384 3767154.012 113.00
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LOCATION L0000020     VOLUME   397000.092 3767141.264 113.00
LOCATION L0000021     VOLUME   397006.446 3767134.890 113.00
LOCATION L0000022     VOLUME   397012.800 3767128.516 113.00
LOCATION L0000023     VOLUME   397019.154 3767122.142 113.00
LOCATION L0000024     VOLUME   397025.509 3767115.769 113.00
LOCATION L0000025     VOLUME   397031.863 3767109.395 113.00
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LOCATION L0000027     VOLUME   397044.715 3767098.097 113.00
LOCATION L0000028     VOLUME   397052.204 3767103.089 113.00
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LOCATION L0000032     VOLUME   397034.719 3767128.299 113.00
LOCATION L0000033     VOLUME   397028.501 3767134.805 113.00
LOCATION L0000034     VOLUME   397022.282 3767141.312 113.00
LOCATION L0000035     VOLUME   397016.064 3767147.818 113.00
LOCATION L0000036     VOLUME   397009.846 3767154.325 113.00
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LOCATION L0000038     VOLUME   396997.409 3767167.337 113.00
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LOCATION L0000040     VOLUME   396984.973 3767180.350 113.00
LOCATION L0000041     VOLUME   396978.755 3767186.857 113.00
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LOCATION L0000043     VOLUME   396986.512 3767198.960 113.00
LOCATION L0000044     VOLUME   396993.099 3767201.243 113.00
LOCATION L0000045     VOLUME   396999.223 3767194.647 113.00
LOCATION L0000046     VOLUME   397005.346 3767188.051 113.00
LOCATION L0000047     VOLUME   397011.469 3767181.455 113.00
LOCATION L0000048     VOLUME   397017.592 3767174.860 113.00
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LOCATION L0000058     VOLUME   397079.404 3767110.833 113.00
LOCATION L0000059     VOLUME   397088.146 3767112.973 113.00
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LOCATION L0000068     VOLUME   397049.426 3767167.265 113.00
LOCATION L0000069     VOLUME   397043.287 3767173.846 113.00
LOCATION L0000070     VOLUME   397037.147 3767180.426 113.00
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LOCATION L0000072     VOLUME   397024.868 3767193.588 113.00
LOCATION L0000073     VOLUME   397018.729 3767200.169 113.00
LOCATION L0000074     VOLUME   397012.589 3767206.749 113.00
LOCATION L0000075     VOLUME   397006.450 3767213.330 113.00
LOCATION L0000076     VOLUME   397011.345 3767217.816 113.00
LOCATION L0000077     VOLUME   397019.469 3767221.690 113.00
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LOCATION L0000079     VOLUME   397032.616 3767213.470 113.00
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LOCATION L0000092     VOLUME   397111.705 3767127.250 113.00
LOCATION L0000093     VOLUME   397118.672 3767123.587 113.00
LOCATION L0000094     VOLUME   397127.391 3767125.816 113.00
LOCATION L0000095     VOLUME   397134.744 3767128.443 113.00
LOCATION L0000096     VOLUME   397128.584 3767135.004 113.00
LOCATION L0000097     VOLUME   397122.424 3767141.566 113.00
LOCATION L0000098     VOLUME   397116.264 3767148.127 113.00
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LOCATION L0000101     VOLUME   397097.783 3767167.811 113.00
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LOCATION L0000103     VOLUME   397085.463 3767180.934 113.00
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LOCATION L0000105     VOLUME   397073.143 3767194.057 113.00
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LOCATION L0000109     VOLUME   397048.502 3767220.303 113.00
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LOCATION L0000123     VOLUME   397135.551 3767150.650 113.00
LOCATION L0000124     VOLUME   397141.353 3767143.770 113.00
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LOCATION L0000126     VOLUME   397154.518 3767134.794 113.00
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LOCATION L0000138     VOLUME   397105.819 3767210.834 113.00
LOCATION L0000139     VOLUME   397100.041 3767217.734 113.00
LOCATION L0000140     VOLUME   397094.263 3767224.635 113.00
LOCATION L0000141     VOLUME   397090.714 3767230.780 113.00
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LOCATION L0000145     VOLUME   397121.189 3767226.116 113.00
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** SOURCE PARAMETERS **
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SRCPARAM L0000164     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000165     0.0034722222      5.10      4.19      4.74
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SRCPARAM L0000215     0.0034722222      5.10      4.19      4.74
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   SRCPARAM L0000288     0.0034722222      5.10      4.19      4.74
** ------------------------------------------------------------------

** BUILDING DOWNWASH **
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG08            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG24            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDWID EG01           284.00   270.01   247.81   218.08   181.73   139.85
   BUILDWID EG01            93.73   103.87   148.81   189.23   223.90   251.77
   BUILDWID EG01           271.99   283.95   287.27   281.87   285.94   289.37
```

BUILDWID	EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID	EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID	EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID	EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDLEN	EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73
XBADJ	EG08	-53.34	-38.33	-22.16	-5.31	-14.19	-45.21
XBADJ	EG08	-74.86	-102.23	-126.50	-146.92	-162.88	-173.89

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   XBADJ    EG08          -179.62  -189.02  -195.95  -196.93  -191.92  -181.08
   XBADJ    EG08          -164.74  -143.40  -117.69   -88.42   -89.68  -103.60

   XBADJ    EG24          -176.77  -206.48  -229.92  -246.37  -255.33  -256.54
   XBADJ    EG24          -249.95  -244.67  -236.73  -221.60  -199.73  -171.79
   XBADJ    EG24          -138.64  -101.27   -60.83   -18.53    -1.56    -7.12
   XBADJ    EG24           -12.46   -17.42   -21.86   -25.62   -28.62   -30.74
   XBADJ    EG24           -31.92   -41.27   -52.64   -62.41   -70.28   -76.02
   XBADJ    EG24           -79.44   -80.46   -79.03   -75.19  -102.30  -141.69

   YBADJ    EG01          -116.27  -112.33  -104.97   -94.42   -81.00   -65.12
   YBADJ    EG01           -47.27   -31.64   -11.46     9.06    29.31    48.68
   YBADJ    EG01            66.56    82.42    95.77   106.22   113.55   116.68
   YBADJ    EG01           116.27   112.33   104.97    94.42    81.00    65.12
   YBADJ    EG01            47.27    31.64    11.46    -9.06   -29.31   -48.68
   YBADJ    EG01           -66.56   -82.42   -95.77  -106.22  -113.55  -116.69

   YBADJ    EG08           -54.92   -56.92   -57.18   -55.70   -52.53   -47.77
   YBADJ    EG08           -41.55   -37.74   -29.19   -19.76    -9.72     0.61
   YBADJ    EG08            10.93    20.91    30.25    38.68    46.05    51.27
   YBADJ    EG08            54.92    56.92    57.18    55.70    52.53    47.77
   YBADJ    EG08            41.55    37.74    29.19    19.76     9.72    -0.61
   YBADJ    EG08           -10.93   -20.91   -30.25   -38.68   -46.05   -51.27

   YBADJ    EG24            79.59    64.72    47.89    29.60    10.41    -9.10
   YBADJ    EG24           -28.33   -50.37   -67.29   -82.16   -94.53  -104.03
   YBADJ    EG24          -110.37  -113.36  -112.90  -109.01  -101.70   -92.04
   YBADJ    EG24           -79.59   -64.72   -47.89   -29.60   -10.41     9.10
   YBADJ    EG24            28.33    50.37    67.29    82.16    94.53   104.03
   YBADJ    EG24           110.37   113.36   112.90   109.01   101.70    92.04

   URBANSRC ALL

** VARIABLE EMISSIONS TYPE: "BY HOUR / DAY (HRDOW)"
** VARIABLE EMISSION SCENARIO: "OPERATIONS"
** WEEKDAYS:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WEEKDAYS:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP GENERATO EG01 EG08 EG24
   SRCGROUP AREA     L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
   SRCGROUP AREA     L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
   SRCGROUP AREA     L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
   SRCGROUP AREA     L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
   SRCGROUP AREA     L0000025 L0000026 L0000027 L0000028 L0000029 L0000030
   SRCGROUP AREA     L0000031 L0000032 L0000033 L0000034 L0000035 L0000036
   SRCGROUP AREA     L0000037 L0000038 L0000039 L0000040 L0000041 L0000042
   SRCGROUP AREA     L0000043 L0000044 L0000045 L0000046 L0000047 L0000048
   SRCGROUP AREA     L0000049 L0000050 L0000051 L0000052 L0000053 L0000054
   SRCGROUP AREA     L0000055 L0000056 L0000057 L0000058 L0000059 L0000060
   SRCGROUP AREA     L0000061 L0000062 L0000063 L0000064 L0000065 L0000066
   SRCGROUP AREA     L0000067 L0000068 L0000069 L0000070 L0000071 L0000072
   SRCGROUP AREA     L0000073 L0000074 L0000075 L0000076 L0000077 L0000078
   SRCGROUP AREA     L0000079 L0000080 L0000081 L0000082 L0000083 L0000084
   SRCGROUP AREA     L0000085 L0000086 L0000087 L0000088 L0000089 L0000090
   SRCGROUP AREA     L0000091 L0000092 L0000093 L0000094 L0000095 L0000096
   SRCGROUP AREA     L0000097 L0000098 L0000099 L0000100 L0000101 L0000102
   SRCGROUP AREA     L0000103 L0000104 L0000105 L0000106 L0000107 L0000108
   SRCGROUP AREA     L0000109 L0000110 L0000111 L0000112 L0000113 L0000114
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   SRCGROUP AREA     L0000115 L0000116 L0000117 L0000118 L0000119 L0000120
   SRCGROUP AREA     L0000121 L0000122 L0000123 L0000124 L0000125 L0000126
   SRCGROUP AREA     L0000127 L0000128 L0000129 L0000130 L0000131 L0000132
   SRCGROUP AREA     L0000133 L0000134 L0000135 L0000136 L0000137 L0000138
   SRCGROUP AREA     L0000139 L0000140 L0000141 L0000142 L0000143 L0000144
   SRCGROUP AREA     L0000145 L0000146 L0000147 L0000148 L0000149 L0000150
   SRCGROUP AREA     L0000151 L0000152 L0000153 L0000154 L0000155 L0000156
   SRCGROUP AREA     L0000157 L0000158 L0000159 L0000160 L0000161 L0000162
   SRCGROUP AREA     L0000163 L0000164 L0000165 L0000166 L0000167 L0000168
   SRCGROUP AREA     L0000169 L0000170 L0000171 L0000172 L0000173 L0000174
   SRCGROUP AREA     L0000175 L0000176 L0000177 L0000178 L0000179 L0000180
   SRCGROUP AREA     L0000181 L0000182 L0000183 L0000184 L0000185 L0000186
   SRCGROUP AREA     L0000187 L0000188 L0000189 L0000190 L0000191 L0000192
   SRCGROUP AREA     L0000193 L0000194 L0000195 L0000196 L0000197 L0000198
   SRCGROUP AREA     L0000199 L0000200 L0000201 L0000202 L0000203 L0000204
   SRCGROUP AREA     L0000205 L0000206 L0000207 L0000208 L0000209 L0000210
   SRCGROUP AREA     L0000211 L0000212 L0000213 L0000214 L0000215 L0000216
   SRCGROUP AREA     L0000217 L0000218 L0000219 L0000220 L0000221 L0000222
   SRCGROUP AREA     L0000223 L0000224 L0000225 L0000226 L0000227 L0000228
   SRCGROUP AREA     L0000229 L0000230 L0000231 L0000232 L0000233 L0000234
   SRCGROUP AREA     L0000235 L0000236 L0000237 L0000238 L0000239 L0000240
   SRCGROUP AREA     L0000241 L0000242 L0000243 L0000244 L0000245 L0000246
   SRCGROUP AREA     L0000247 L0000248 L0000249 L0000250 L0000251 L0000252
   SRCGROUP AREA     L0000253 L0000254 L0000255 L0000256 L0000257 L0000258
   SRCGROUP AREA     L0000259 L0000260 L0000261 L0000262 L0000263 L0000264
   SRCGROUP AREA     L0000265 L0000266 L0000267 L0000268 L0000269 L0000270
   SRCGROUP AREA     L0000271 L0000272 L0000273 L0000274 L0000275 L0000276
   SRCGROUP AREA     L0000277 L0000278 L0000279 L0000280 L0000281 L0000282
   SRCGROUP AREA     L0000283 L0000284 L0000285 L0000286 L0000287 L0000288
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   INCLUDED SATURN_NOX.ROU
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\SATURN_NOX\PICO_V9_ADJU\
   SURFFILE PICO_V9_ADJU\PICO_V9.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\SATURN_NOX\PICO_V9_ADJU\
```

```
   PROFFILE PICO_V9_ADJU\PICO_V9.PFL
   SURFDATA 3166 2010 PICO
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
**
************************************
** AERMOD OUTPUT PATHWAY
************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 1 1ST 8TH
** AUTO-GENERATED PLOTFILES
   PLOTFILE   1 ALL 1ST "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\01H1GALL.PLT" 31
   PLOTFILE   1 GENERATO 1ST "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\01H1G001.PLT" 32
   PLOTFILE   1 AREA 1ST "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\01H1G002.PLT" 33
   PLOTFILE   1 ALL 8TH "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\01H8GALL.PLT" 34
   PLOTFILE   1 GENERATO 8TH "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\01H8G001.PLT" 35
   PLOTFILE   1 AREA 8TH "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\01H8G002.PLT" 36
   MXDYBYYR ALL "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\MXDYBYYR_ALL_NO2.DAT" 37
   MXDYBYYR GENERATO "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\MXDYBYYR_GENERATO_NO2.DAT" 38
   MXDYBYYR AREA "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\MXDYBYYR_AREA_NO2.DAT" 39
   MAXDAILY ALL "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\MAXDAILY_ALL_NO2.DAT" 40
   MAXDAILY GENERATO "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\MAXDAILY_GENERATO_NO2.DAT" 41
   MAXDAILY AREA "C:\LAKES\AERMOD
VIEW\SATURN_NOX\SATURN_NOX.AD\MAXDAILY_AREA_NO2.DAT" 42
   SUMMFILE "C:\LAKES\AERMOD VIEW\SATURN_NOX\SATURN_NOX.SUM"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
```

```
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     905       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     905       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                         ***        13:52:36

                                    PAGE   1
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                              ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Allows User-Specified Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Full Conversion Assumed for NO2.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   291 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9830000.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
```

```
      * The User Specified a Pollutant Type of: NO2

 **Note that special processing requirements apply for the 1-hour NO2 NAAQS - check
available guidance.
   Model will process user-specified ranks of daily maximum 1-hour values averaged
across the number of years modeled.
   For annual NO2 NAAQS modeling, the multi-year maximum of PERIOD values can be
simulated using the MULTYEAR keyword.
   Multi-year PERIOD and 1-hour values should only be done in a single model run
using the MULTYEAR option with a
   single multi-year meteorological data file using STARTEND keyword.

 **Model Calculates  1 Short Term Average(s) of:   1-HR

 **This Run Includes:    291 Source(s);       3 Source Group(s); and     608
Receptor(s)

                with:      3 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    288 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)
          Model Outputs External File(s) of Maximum Daily 1-hr Values by Day
(MAXDAILY Keyword)
          Model Outputs External File(s) of Maximum Daily 1-hr Values by Year
(MXDYBYYR Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing
Hours
                                                                 b for Both Calm
and Missing Hours
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR
EG01	0	0.51220E+00	397047.3	3767179.2	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG08	0	0.51220E+00	397112.7	3767197.0	109.3	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG24	0	0.51220E+00	397256.0	3767235.0	113.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000001	0	0.34722E-02	397018.4	3767094.7	113.0	5.10	4.19	4.74	YES	NO	
L0000002	0	0.34722E-02	397011.8	3767100.8	113.0	5.10	4.19	4.74	YES	NO	
L0000003	0	0.34722E-02	397005.2	3767107.0	113.0	5.10	4.19	4.74	YES	NO	
L0000004	0	0.34722E-02	396998.6	3767113.1	113.0	5.10	4.19	4.74	YES	NO	
L0000005	0	0.34722E-02	396992.1	3767119.2	113.0	5.10	4.19	4.74	YES	NO	
L0000006	0	0.34722E-02	396985.5	3767125.4	113.0	5.10	4.19	4.74	YES	NO	
L0000007	0	0.34722E-02	396978.9	3767131.5	113.0	5.10	4.19	4.74	YES	NO	
L0000008	0	0.34722E-02	396972.3	3767137.6	113.0	5.10	4.19	4.74	YES	NO	
L0000009	0	0.34722E-02	396965.7	3767143.8	113.0	5.10	4.19	4.74	YES	NO	
L0000010	0	0.34722E-02	396959.1	3767149.9	113.0	5.10	4.19	4.74	YES	NO	
L0000011	0	0.34722E-02	396952.5	3767156.0	113.0	5.10	4.19	4.74	YES	NO	
L0000012	0	0.34722E-02	396950.0	3767162.3	113.0	5.10	4.19	4.74	YES	NO	
L0000013	0	0.34722E-02	396956.0	3767169.0	113.0	5.10	4.19	4.74	YES	NO	
L0000014	0	0.34722E-02	396962.1	3767175.7	113.0	5.10	4.19	4.74	YES	NO	
L0000015	0	0.34722E-02	396968.3	3767173.1	113.0	5.10	4.19	4.74	YES	NO	
L0000016	0	0.34722E-02	396974.7	3767166.8	113.0	5.10	4.19	4.74	YES	NO	
L0000017	0	0.34722E-02	396981.0	3767160.4	113.0	5.10	4.19	4.74	YES	NO	
L0000018	0	0.34722E-02	396987.4	3767154.0	113.0	5.10	4.19	4.74	YES	NO	
L0000019	0	0.34722E-02	396993.7	3767147.6	113.0	5.10	4.19				

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4.74     YES                    NO
 L0000020         0   0.34722E-02  397000.1 3767141.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000021         0   0.34722E-02  397006.4 3767134.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000022         0   0.34722E-02  397012.8 3767128.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000023         0   0.34722E-02  397019.2 3767122.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000024         0   0.34722E-02  397025.5 3767115.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000025         0   0.34722E-02  397031.9 3767109.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000026         0   0.34722E-02  397038.2 3767103.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000027         0   0.34722E-02  397044.7 3767098.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000028         0   0.34722E-02  397052.2 3767103.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000029         0   0.34722E-02  397053.4 3767108.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000030         0   0.34722E-02  397047.2 3767115.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000031         0   0.34722E-02  397040.9 3767121.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000032         0   0.34722E-02  397034.7 3767128.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000033         0   0.34722E-02  397028.5 3767134.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000034         0   0.34722E-02  397022.3 3767141.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000035         0   0.34722E-02  397016.1 3767147.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000036         0   0.34722E-02  397009.8 3767154.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000037         0   0.34722E-02  397003.6 3767160.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000038         0   0.34722E-02  396997.4 3767167.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000039         0   0.34722E-02  396991.2 3767173.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000040         0   0.34722E-02  396985.0 3767180.3   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                         ***       13:52:36

                                   PAGE   4
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY	AIRCRAFT
L0000041	0	0.34722E-02	396978.8	3767186.9	113.0	5.10	4.19	4.74	YES	NO	
L0000042	0	0.34722E-02	396979.7	3767193.0	113.0	5.10	4.19	4.74	YES	NO	
L0000043	0	0.34722E-02	396986.5	3767199.0	113.0	5.10	4.19	4.74	YES	NO	
L0000044	0	0.34722E-02	396993.1	3767201.2	113.0	5.10	4.19	4.74	YES	NO	
L0000045	0	0.34722E-02	396999.2	3767194.6	113.0	5.10	4.19	4.74	YES	NO	
L0000046	0	0.34722E-02	397005.3	3767188.1	113.0	5.10	4.19	4.74	YES	NO	
L0000047	0	0.34722E-02	397011.5	3767181.5	113.0	5.10	4.19	4.74	YES	NO	
L0000048	0	0.34722E-02	397017.6	3767174.9	113.0	5.10	4.19	4.74	YES	NO	
L0000049	0	0.34722E-02	397023.7	3767168.3	113.0	5.10	4.19	4.74	YES	NO	
L0000050	0	0.34722E-02	397029.8	3767161.7	113.0	5.10	4.19	4.74	YES	NO	
L0000051	0	0.34722E-02	397036.0	3767155.1	113.0	5.10	4.19	4.74	YES	NO	
L0000052	0	0.34722E-02	397042.1	3767148.5	113.0	5.10	4.19	4.74	YES	NO	
L0000053	0	0.34722E-02	397048.2	3767141.9	113.0	5.10	4.19	4.74	YES	NO	
L0000054	0	0.34722E-02	397054.3	3767135.3	113.0	5.10	4.19	4.74	YES	NO	
L0000055	0	0.34722E-02	397060.5	3767128.7	113.0	5.10	4.19	4.74	YES	NO	
L0000056	0	0.34722E-02	397066.6	3767122.1	113.0	5.10	4.19	4.74	YES	NO	
L0000057	0	0.34722E-02	397072.7	3767115.5	113.0	5.10	4.19	4.74	YES	NO	
L0000058	0	0.34722E-02	397079.4	3767110.8	113.0	5.10	4.19	4.74	YES	NO	
L0000059	0	0.34722E-02	397088.1	3767113.0	113.0	5.10	4.19				

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4.74     YES                    NO
 L0000060         0   0.34722E-02  397096.9 3767115.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000061         0   0.34722E-02  397092.4 3767121.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000062         0   0.34722E-02  397086.3 3767127.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000063         0   0.34722E-02  397080.1 3767134.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000064         0   0.34722E-02  397074.0 3767140.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000065         0   0.34722E-02  397067.8 3767147.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000066         0   0.34722E-02  397061.7 3767154.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000067         0   0.34722E-02  397055.6 3767160.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000068         0   0.34722E-02  397049.4 3767167.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000069         0   0.34722E-02  397043.3 3767173.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000070         0   0.34722E-02  397037.1 3767180.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000071         0   0.34722E-02  397031.0 3767187.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000072         0   0.34722E-02  397024.9 3767193.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000073         0   0.34722E-02  397018.7 3767200.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000074         0   0.34722E-02  397012.6 3767206.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000075         0   0.34722E-02  397006.5 3767213.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000076         0   0.34722E-02  397011.3 3767217.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000077         0   0.34722E-02  397019.5 3767221.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000078         0   0.34722E-02  397026.5 3767220.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000079         0   0.34722E-02  397032.6 3767213.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000080         0   0.34722E-02  397038.7 3767206.8   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                         ***       13:52:36

                                   PAGE   5
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000081	0	0.34722E-02	397044.8	3767200.2	113.0	5.10	4.19	4.74	YES	NO	
L0000082	0	0.34722E-02	397050.9	3767193.6	113.0	5.10	4.19	4.74	YES	NO	
L0000083	0	0.34722E-02	397057.0	3767186.9	113.0	5.10	4.19	4.74	YES	NO	
L0000084	0	0.34722E-02	397063.0	3767180.3	113.0	5.10	4.19	4.74	YES	NO	
L0000085	0	0.34722E-02	397069.1	3767173.7	113.0	5.10	4.19	4.74	YES	NO	
L0000086	0	0.34722E-02	397075.2	3767167.0	113.0	5.10	4.19	4.74	YES	NO	
L0000087	0	0.34722E-02	397081.3	3767160.4	113.0	5.10	4.19	4.74	YES	NO	
L0000088	0	0.34722E-02	397087.4	3767153.8	113.0	5.10	4.19	4.74	YES	NO	
L0000089	0	0.34722E-02	397093.5	3767147.1	113.0	5.10	4.19	4.74	YES	NO	
L0000090	0	0.34722E-02	397099.5	3767140.5	113.0	5.10	4.19	4.74	YES	NO	
L0000091	0	0.34722E-02	397105.6	3767133.9	113.0	5.10	4.19	4.74	YES	NO	
L0000092	0	0.34722E-02	397111.7	3767127.2	113.0	5.10	4.19	4.74	YES	NO	
L0000093	0	0.34722E-02	397118.7	3767123.6	113.0	5.10	4.19	4.74	YES	NO	
L0000094	0	0.34722E-02	397127.4	3767125.8	113.0	5.10	4.19	4.74	YES	NO	
L0000095	0	0.34722E-02	397134.7	3767128.4	113.0	5.10	4.19	4.74	YES	NO	
L0000096	0	0.34722E-02	397128.6	3767135.0	113.0	5.10	4.19	4.74	YES	NO	
L0000097	0	0.34722E-02	397122.4	3767141.6	113.0	5.10	4.19	4.74	YES	NO	
L0000098	0	0.34722E-02	397116.3	3767148.1	113.0	5.10	4.19	4.74	YES	NO	
L0000099	0	0.34722E-02	397110.1	3767154.7	113.0	5.10	4.19				

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4.74     YES                    NO
 L0000100         0   0.34722E-02  397103.9 3767161.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000101         0   0.34722E-02  397097.8 3767167.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000102         0   0.34722E-02  397091.6 3767174.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000103         0   0.34722E-02  397085.5 3767180.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000104         0   0.34722E-02  397079.3 3767187.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000105         0   0.34722E-02  397073.1 3767194.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000106         0   0.34722E-02  397067.0 3767200.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000107         0   0.34722E-02  397060.8 3767207.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000108         0   0.34722E-02  397054.7 3767213.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000109         0   0.34722E-02  397048.5 3767220.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000110         0   0.34722E-02  397055.1 3767223.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000111         0   0.34722E-02  397063.7 3767225.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000112         0   0.34722E-02  397071.7 3767226.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000113         0   0.34722E-02  397077.5 3767219.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000114         0   0.34722E-02  397083.3 3767212.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000115         0   0.34722E-02  397089.1 3767205.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000116         0   0.34722E-02  397094.9 3767198.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000117         0   0.34722E-02  397100.7 3767191.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000118         0   0.34722E-02  397106.5 3767185.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000119         0   0.34722E-02  397112.3 3767178.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000120         0   0.34722E-02  397118.1 3767171.3   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000121	0	0.34722E-02	397123.9	3767164.4	113.0	5.10	4.19	4.74	YES	NO	
L0000122	0	0.34722E-02	397129.7	3767157.5	113.0	5.10	4.19	4.74	YES	NO	
L0000123	0	0.34722E-02	397135.6	3767150.6	113.0	5.10	4.19	4.74	YES	NO	
L0000124	0	0.34722E-02	397141.4	3767143.8	113.0	5.10	4.19	4.74	YES	NO	
L0000125	0	0.34722E-02	397147.2	3767136.9	113.0	5.10	4.19	4.74	YES	NO	
L0000126	0	0.34722E-02	397154.5	3767134.8	113.0	5.10	4.19	4.74	YES	NO	
L0000127	0	0.34722E-02	397163.3	3767136.9	113.0	5.10	4.19	4.74	YES	NO	
L0000128	0	0.34722E-02	397163.6	3767141.8	113.0	5.10	4.19	4.74	YES	NO	
L0000129	0	0.34722E-02	397157.8	3767148.7	113.0	5.10	4.19	4.74	YES	NO	
L0000130	0	0.34722E-02	397152.0	3767155.6	113.0	5.10	4.19	4.74	YES	NO	
L0000131	0	0.34722E-02	397146.3	3767162.5	113.0	5.10	4.19	4.74	YES	NO	
L0000132	0	0.34722E-02	397140.5	3767169.4	113.0	5.10	4.19	4.74	YES	NO	
L0000133	0	0.34722E-02	397134.7	3767176.3	113.0	5.10	4.19	4.74	YES	NO	
L0000134	0	0.34722E-02	397128.9	3767183.2	113.0	5.10	4.19	4.74	YES	NO	
L0000135	0	0.34722E-02	397123.2	3767190.1	113.0	5.10	4.19	4.74	YES	NO	
L0000136	0	0.34722E-02	397117.4	3767197.0	113.0	5.10	4.19	4.74	YES	NO	
L0000137	0	0.34722E-02	397111.6	3767203.9	113.0	5.10	4.19	4.74	YES	NO	
L0000138	0	0.34722E-02	397105.8	3767210.8	113.0	5.10	4.19	4.74	YES	NO	
L0000139	0	0.34722E-02	397100.0	3767217.7	113.0	5.10	4.19				

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4.74     YES                    NO
 L0000140         0   0.34722E-02  397094.3 3767224.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000141         0   0.34722E-02  397090.7 3767230.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000142         0   0.34722E-02  397099.5 3767232.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000143         0   0.34722E-02  397108.3 3767234.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000144         0   0.34722E-02  397115.8 3767233.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000145         0   0.34722E-02  397121.2 3767226.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000146         0   0.34722E-02  397126.5 3767218.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000147         0   0.34722E-02  397131.9 3767211.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000148         0   0.34722E-02  397137.3 3767204.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000149         0   0.34722E-02  397142.6 3767197.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000150         0   0.34722E-02  397148.0 3767189.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000151         0   0.34722E-02  397153.3 3767182.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000152         0   0.34722E-02  397158.7 3767175.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000153         0   0.34722E-02  397164.0 3767168.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000154         0   0.34722E-02  397169.4 3767161.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000155         0   0.34722E-02  397174.7 3767153.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000156         0   0.34722E-02  397180.1 3767146.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000157         0   0.34722E-02  397187.7 3767145.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000158         0   0.34722E-02  397196.6 3767146.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000159         0   0.34722E-02  397199.6 3767150.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000160         0   0.34722E-02  397194.0 3767157.6   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000161	0	0.34722E-02	397188.3	3767164.6	113.0	5.10	4.19	4.74	YES	NO	
L0000162	0	0.34722E-02	397182.7	3767171.6	113.0	5.10	4.19	4.74	YES	NO	
L0000163	0	0.34722E-02	397177.0	3767178.6	113.0	5.10	4.19	4.74	YES	NO	
L0000164	0	0.34722E-02	397171.4	3767185.6	113.0	5.10	4.19	4.74	YES	NO	
L0000165	0	0.34722E-02	397165.7	3767192.6	113.0	5.10	4.19	4.74	YES	NO	
L0000166	0	0.34722E-02	397160.0	3767199.6	113.0	5.10	4.19	4.74	YES	NO	
L0000167	0	0.34722E-02	397154.4	3767206.6	113.0	5.10	4.19	4.74	YES	NO	
L0000168	0	0.34722E-02	397148.7	3767213.6	113.0	5.10	4.19	4.74	YES	NO	
L0000169	0	0.34722E-02	397143.1	3767220.6	113.0	5.10	4.19	4.74	YES	NO	
L0000170	0	0.34722E-02	397137.4	3767227.6	113.0	5.10	4.19	4.74	YES	NO	
L0000171	0	0.34722E-02	397131.8	3767234.6	113.0	5.10	4.19	4.74	YES	NO	
L0000172	0	0.34722E-02	397127.4	3767241.4	113.0	5.10	4.19	4.74	YES	NO	
L0000173	0	0.34722E-02	397134.6	3767246.9	113.0	5.10	4.19	4.74	YES	NO	
L0000174	0	0.34722E-02	397138.0	3767254.8	113.0	5.10	4.19	4.74	YES	NO	
L0000175	0	0.34722E-02	397142.2	3767254.1	113.0	5.10	4.19	4.74	YES	NO	
L0000176	0	0.34722E-02	397147.6	3767246.9	113.0	5.10	4.19	4.74	YES	NO	
L0000177	0	0.34722E-02	397153.0	3767239.7	113.0	5.10	4.19	4.74	YES	NO	
L0000178	0	0.34722E-02	397158.4	3767232.5	113.0	5.10	4.19	4.74	YES	NO	
L0000179	0	0.34722E-02	397163.8	3767225.3	113.0	5.10	4.19				

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4.74     YES                    NO
 L0000180         0   0.34722E-02  397169.2 3767218.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000181         0   0.34722E-02  397174.6 3767210.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000182         0   0.34722E-02  397180.0 3767203.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000183         0   0.34722E-02  397185.4 3767196.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000184         0   0.34722E-02  397190.8 3767189.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000185         0   0.34722E-02  397196.3 3767182.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000186         0   0.34722E-02  397201.7 3767175.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000187         0   0.34722E-02  397207.1 3767167.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000188         0   0.34722E-02  397212.5 3767160.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000189         0   0.34722E-02  397218.0 3767153.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000190         0   0.34722E-02  397226.8 3767155.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000191         0   0.34722E-02  397235.6 3767157.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000192         0   0.34722E-02  397237.4 3767161.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000193         0   0.34722E-02  397231.5 3767168.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000194         0   0.34722E-02  397225.7 3767175.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000195         0   0.34722E-02  397219.8 3767182.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000196         0   0.34722E-02  397214.0 3767189.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000197         0   0.34722E-02  397208.2 3767196.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000198         0   0.34722E-02  397202.3 3767202.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000199         0   0.34722E-02  397196.5 3767209.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000200         0   0.34722E-02  397190.6 3767216.6   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000201	0	0.34722E-02	397184.8	3767223.5	113.0	5.10	4.19	4.74	YES	NO	
L0000202	0	0.34722E-02	397178.9	3767230.3	113.0	5.10	4.19	4.74	YES	NO	
L0000203	0	0.34722E-02	397173.1	3767237.2	113.0	5.10	4.19	4.74	YES	NO	
L0000204	0	0.34722E-02	397167.2	3767244.0	113.0	5.10	4.19	4.74	YES	NO	
L0000205	0	0.34722E-02	397161.4	3767250.8	113.0	5.10	4.19	4.74	YES	NO	
L0000206	0	0.34722E-02	397155.5	3767257.7	113.0	5.10	4.19	4.74	YES	NO	
L0000207	0	0.34722E-02	397150.7	3767264.5	113.0	5.10	4.19	4.74	YES	NO	
L0000208	0	0.34722E-02	397157.1	3767270.9	113.0	5.10	4.19	4.74	YES	NO	
L0000209	0	0.34722E-02	397163.4	3767277.3	113.0	5.10	4.19	4.74	YES	NO	
L0000210	0	0.34722E-02	397169.2	3767275.4	113.0	5.10	4.19	4.74	YES	NO	
L0000211	0	0.34722E-02	397174.8	3767268.3	113.0	5.10	4.19	4.74	YES	NO	
L0000212	0	0.34722E-02	397180.3	3767261.2	113.0	5.10	4.19	4.74	YES	NO	
L0000213	0	0.34722E-02	397185.9	3767254.1	113.0	5.10	4.19	4.74	YES	NO	
L0000214	0	0.34722E-02	397191.4	3767247.0	113.0	5.10	4.19	4.74	YES	NO	
L0000215	0	0.34722E-02	397197.0	3767239.9	113.0	5.10	4.19	4.74	YES	NO	
L0000216	0	0.34722E-02	397202.5	3767232.9	113.0	5.10	4.19	4.74	YES	NO	
L0000217	0	0.34722E-02	397208.1	3767225.8	113.0	5.10	4.19	4.74	YES	NO	
L0000218	0	0.34722E-02	397213.6	3767218.7	113.0	5.10	4.19	4.74	YES	NO	
L0000219	0	0.34722E-02	397219.2	3767211.6	113.0	5.10	4.19				

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4.74     YES                    NO
 L0000220         0   0.34722E-02  397224.7 3767204.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000221         0   0.34722E-02  397230.3 3767197.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000222         0   0.34722E-02  397235.8 3767190.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000223         0   0.34722E-02  397241.4 3767183.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000224         0   0.34722E-02  397246.9 3767176.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000225         0   0.34722E-02  397252.5 3767169.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000226         0   0.34722E-02  397258.0 3767162.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000227         0   0.34722E-02  397265.0 3767159.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000228         0   0.34722E-02  397273.6 3767162.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000229         0   0.34722E-02  397279.4 3767165.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000230         0   0.34722E-02  397273.5 3767172.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000231         0   0.34722E-02  397267.7 3767179.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000232         0   0.34722E-02  397261.8 3767185.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000233         0   0.34722E-02  397256.0 3767192.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000234         0   0.34722E-02  397250.1 3767199.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000235         0   0.34722E-02  397244.3 3767206.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000236         0   0.34722E-02  397238.5 3767213.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000237         0   0.34722E-02  397232.6 3767220.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000238         0   0.34722E-02  397226.8 3767227.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000239         0   0.34722E-02  397220.9 3767233.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000240         0   0.34722E-02  397215.1 3767240.7   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                         ***       13:52:36

                                   PAGE   9
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000241	0	0.34722E-02	397209.2	3767247.5	113.0	5.10	4.19	4.74	YES	NO	
L0000242	0	0.34722E-02	397203.4	3767254.3	113.0	5.10	4.19	4.74	YES	NO	
L0000243	0	0.34722E-02	397197.5	3767261.2	113.0	5.10	4.19	4.74	YES	NO	
L0000244	0	0.34722E-02	397191.7	3767268.0	113.0	5.10	4.19	4.74	YES	NO	
L0000245	0	0.34722E-02	397185.8	3767274.9	113.0	5.10	4.19	4.74	YES	NO	
L0000246	0	0.34722E-02	397180.0	3767281.7	113.0	5.10	4.19	4.74	YES	NO	
L0000247	0	0.34722E-02	397174.1	3767288.5	113.0	5.10	4.19	4.74	YES	NO	
L0000248	0	0.34722E-02	397181.8	3767292.9	113.0	5.10	4.19	4.74	YES	NO	
L0000249	0	0.34722E-02	397189.6	3767297.3	113.0	5.10	4.19	4.74	YES	NO	
L0000250	0	0.34722E-02	397198.0	3767300.6	113.0	5.10	4.19	4.74	YES	NO	
L0000251	0	0.34722E-02	397203.8	3767294.6	113.0	5.10	4.19	4.74	YES	NO	
L0000252	0	0.34722E-02	397209.3	3767287.5	113.0	5.10	4.19	4.74	YES	NO	
L0000253	0	0.34722E-02	397214.8	3767280.4	113.0	5.10	4.19	4.74	YES	NO	
L0000254	0	0.34722E-02	397220.3	3767273.2	113.0	5.10	4.19	4.74	YES	NO	
L0000255	0	0.34722E-02	397225.8	3767266.1	113.0	5.10	4.19	4.74	YES	NO	
L0000256	0	0.34722E-02	397231.2	3767259.0	113.0	5.10	4.19	4.74	YES	NO	
L0000257	0	0.34722E-02	397236.7	3767251.8	113.0	5.10	4.19	4.74	YES	NO	
L0000258	0	0.34722E-02	397242.2	3767244.7	113.0	5.10	4.19	4.74	YES	NO	
L0000259	0	0.34722E-02	397247.7	3767237.6	113.0	5.10	4.19				

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4.74     YES                    NO
 L0000260         0   0.34722E-02  397253.2 3767230.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000261         0   0.34722E-02  397258.7 3767223.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000262         0   0.34722E-02  397264.1 3767216.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000263         0   0.34722E-02  397269.6 3767209.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000264         0   0.34722E-02  397275.1 3767201.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000265         0   0.34722E-02  397280.6 3767194.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000266         0   0.34722E-02  397286.1 3767187.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000267         0   0.34722E-02  397291.5 3767180.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000268         0   0.34722E-02  397297.0 3767173.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000269         0   0.34722E-02  397302.5 3767166.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000270         0   0.34722E-02  397310.5 3767166.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000271         0   0.34722E-02  397319.2 3767168.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000272         0   0.34722E-02  397319.4 3767173.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000273         0   0.34722E-02  397313.9 3767181.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000274         0   0.34722E-02  397308.4 3767188.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000275         0   0.34722E-02  397303.0 3767195.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000276         0   0.34722E-02  397297.5 3767202.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000277         0   0.34722E-02  397292.1 3767209.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000278         0   0.34722E-02  397286.6 3767216.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000279         0   0.34722E-02  397281.1 3767223.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000280         0   0.34722E-02  397275.7 3767231.0   113.0     5.10     4.19
4.74     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:52:36

                                  PAGE  10
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000281	0	0.34722E-02	397270.2	3767238.2	113.0	5.10	4.19	4.74	YES	NO	
L0000282	0	0.34722E-02	397264.8	3767245.4	113.0	5.10	4.19	4.74	YES	NO	
L0000283	0	0.34722E-02	397259.3	3767252.5	113.0	5.10	4.19	4.74	YES	NO	
L0000284	0	0.34722E-02	397253.9	3767259.7	113.0	5.10	4.19	4.74	YES	NO	
L0000285	0	0.34722E-02	397248.4	3767266.8	113.0	5.10	4.19	4.74	YES	NO	
L0000286	0	0.34722E-02	397242.9	3767274.0	113.0	5.10	4.19	4.74	YES	NO	
L0000287	0	0.34722E-02	397237.5	3767281.1	113.0	5.10	4.19	4.74	YES	NO	
L0000288	0	0.34722E-02	397232.0	3767288.3	113.0	5.10	4.19	4.74	YES	NO	

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
GENERATO	EG01 , EG08 , EG24 ,
AREA	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,

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L0000014    , L0000015    , L0000016    ,

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L0000022    , L0000023    , L0000024    ,

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L0000142    , L0000143    , L0000144    ,
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
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SRCGROUP ID	SOURCE IDs

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L0000161 , L0000162 , L0000163 , L0000164 , L0000165 ,
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 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID   SOURCE IDs
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
***

SRCGROUP ID	SOURCE IDs

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 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
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 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                   PAGE  16
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                    SOURCE IDs
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            L0000286    , L0000287    , L0000288    ,
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 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

 SOURCE ID: EG01
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    1   12.8, 284.0, 189.2, -85.5, -116.3,   2   12.8, 270.0, 223.9, -82.6, -112.3,
    3   12.8, 247.8, 251.8, -77.2, -105.0,   4   12.8, 218.1, 272.0, -69.4, -94.4,
    5   12.8, 181.7, 283.9, -59.5, -81.0,   6   12.8, 139.9, 287.3, -47.9, -65.1,
    7   12.8,   93.7, 281.9, -34.7, -47.3,   8   12.8, 103.9, 285.9, -29.4, -31.6,
    9   12.8, 148.8, 289.4, -28.0, -11.5,   10   12.8, 189.2, 284.0, -25.7,   9.1,
   11   12.8, 223.9, 270.0, -22.7,   29.3,   12   12.8, 251.8, 247.8, -18.9,   48.7,
   13   12.8, 272.0, 218.1, -14.6,   66.6,   14   12.8, 283.9, 181.7, -9.9,   82.4,
   15   12.8, 287.3, 139.9,   -4.8,   95.8,   16   12.8, 281.9,   93.7, 0.4, 106.2,
   17   12.8, 285.9, 103.9, -20.3, 113.5,   18   12.8, 289.4, 148.8, -62.9, 116.7,
   19   12.8, 284.0, 189.2, -103.7, 116.3,   20   12.8, 270.0, 223.9, -141.3, 112.3,
   21   12.8, 247.8, 251.8, -174.6, 105.0,   22   12.8, 218.1, 272.0, -202.6,   94.4,
   23   12.8, 181.7, 283.9, -224.4,   81.0,   24   12.8, 139.9, 287.3, -239.4,   65.1,
   25   12.8,   93.7, 281.9, -247.2,   47.3,   26   12.8, 103.9, 285.9, -256.5,   31.6,
   27   12.8, 148.8, 289.4, -261.4,   11.5,   28   12.8, 189.2, 284.0, -258.3,   -9.1,
   29   12.8, 223.9, 270.0, -247.3, -29.3,   30   12.8, 251.8, 247.8, -228.9, -48.7,
   31   12.8, 272.0, 218.1, -203.5, -66.6,   32   12.8, 283.9, 181.7, -171.9, -82.4,
   33   12.8, 287.3, 139.9, -135.1, -95.8,   34   12.8, 281.9,   93.7, -94.1, -106.2,
   35   12.8, 285.9, 103.9, -83.6, -113.5,   36   12.8, 289.4, 148.8,

-85.9, -116.7,

SOURCE ID: EG08

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-114.4,	-54.9,	2	12.8,	270.0,	223.9,	-121.7,	-56.9,
3	12.8,	247.8,	251.8,	-125.3,	-57.2,	4	12.8,	218.1,	272.0,	-125.1,	-55.7,
5	12.8,	181.7,	283.9,	-121.1,	-52.5,	6	12.8,	139.9,	287.3,	-113.4,	-47.8,
7	12.8,	93.7,	281.9,	-102.2,	-41.5,	8	12.8,	103.9,	285.9,	-96.9,	-37.7,
9	12.8,	148.8,	289.4,	-93.4,	-29.2,	10	12.8,	189.2,	284.0,	-87.1,	-19.8,
11	12.8,	223.9,	270.0,	-78.1,	-9.7,	12	12.8,	251.8,	247.8,	-66.7,	0.6,
13	12.8,	272.0,	218.1,	-53.3,	10.9,	14	12.8,	283.9,	181.7,	-38.3,	20.9,
15	12.8,	287.3,	139.9,	-22.2,	30.2,	16	12.8,	281.9,	93.7,	-5.3,	38.7,
17	12.8,	285.9,	103.9,	-14.2,	46.0,	18	12.8,	289.4,	148.8,	-45.2,	51.3,
19	12.8,	284.0,	189.2,	-74.9,	54.9,	20	12.8,	270.0,	223.9,	-102.2,	56.9,
21	12.8,	247.8,	251.8,	-126.5,	57.2,	22	12.8,	218.1,	272.0,	-146.9,	55.7,
23	12.8,	181.7,	283.9,	-162.9,	52.5,	24	12.8,	139.9,	287.3,	-173.9,	47.8,
25	12.8,	93.7,	281.9,	-179.6,	41.5,	26	12.8,	103.9,	285.9,	-189.0,	37.7,
27	12.8,	148.8,	289.4,	-196.0,	29.2,	28	12.8,	189.2,	284.0,	-196.9,	19.8,
29	12.8,	223.9,	270.0,	-191.9,	9.7,	30	12.8,	251.8,	247.8,	-181.1,	-0.6,
31	12.8,	272.0,	218.1,	-164.7,	-10.9,	32	12.8,	283.9,	181.7,	-143.4,	-20.9,
33	12.8,	287.3,	139.9,	-117.7,	-30.2,	34	12.8,	281.9,	93.7,	-88.4,	-38.7,
35	12.8,	285.9,	103.9,	-89.7,	-46.0,	36	12.8,	289.4,	148.8,	-103.6,	-51.3,

SOURCE ID: EG24

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-176.8,	79.6,	2	12.8,	270.0,	223.9,	-206.5,	64.7,
3	12.8,	247.8,	251.8,	-229.9,	47.9,	4	12.8,	218.1,	272.0,		

```
-246.4,   29.6,
    5   12.8,  181.7,  283.9, -255.3,   10.4,      6   12.8,  139.9,  287.3,
-256.5,   -9.1,
    7   12.8,   93.7,  281.9, -250.0,  -28.3,      8   12.8,  103.9,  285.9,
-244.7,  -50.4,
    9   12.8,  148.8,  289.4, -236.7,  -67.3,     10   12.8,  189.2,  284.0,
-221.6,  -82.2,
   11   12.8,  223.9,  270.0, -199.7,  -94.5,     12   12.8,  251.8,  247.8,
-171.8, -104.0,
   13   12.8,  272.0,  218.1, -138.6, -110.4,     14   12.8,  283.9,  181.7,
-101.3, -113.4,
   15   12.8,  287.3,  139.9,  -60.8, -112.9,     16   12.8,  281.9,   93.7,
-18.5, -109.0,
   17   12.8,  285.9,  103.9,   -1.6, -101.7,     18   12.8,  289.4,  148.8,
-7.1,  -92.0,
   19   12.8,  284.0,  189.2,  -12.5,  -79.6,     20   12.8,  270.0,  223.9,
-17.4,  -64.7,
   21   12.8,  247.8,  251.8,  -21.9,  -47.9,     22   12.8,  218.1,  272.0,
-25.6,  -29.6,
   23   12.8,  181.7,  283.9,  -28.6,  -10.4,     24   12.8,  139.9,  287.3,
-30.7,    9.1,
   25   12.8,   93.7,  281.9,  -31.9,   28.3,     26   12.8,  103.9,  285.9,
-41.3,   50.4,
   27   12.8,  148.8,  289.4,  -52.6,   67.3,     28   12.8,  189.2,  284.0,
-62.4,   82.2,
   29   12.8,  223.9,  270.0,  -70.3,   94.5,     30   12.8,  251.8,  247.8,
-76.0,  104.0,
   31   12.8,  272.0,  218.1,  -79.4,  110.4,     32   12.8,  283.9,  181.7,
-80.5,  113.4,
   33   12.8,  287.3,  139.9,  -79.0,  112.9,     34   12.8,  281.9,   93.7,
-75.2,  109.0,
   35   12.8,  285.9,  103.9, -102.3,  101.7,     36   12.8,  289.4,  148.8,
-141.7,   92.0,

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                   PAGE  18
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG01         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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```
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                   PAGE  19
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG08          ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
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22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG24   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396558.3, 3766771.1, 87.6, 105.5, 2.0); (396598.3, 3766771.1, 91.2, 105.5, 2.0);
(396638.3, 3766771.1, 99.2, 100.5, 2.0); (396678.3, 3766771.1, 103.0, 103.0, 2.0);
(396718.3, 3766771.1, 105.1, 105.1, 2.0); (396758.3, 3766771.1, 104.2, 105.0, 2.0);
(396798.3, 3766771.1, 100.8, 100.8, 2.0); (396838.3, 3766771.1, 100.7, 100.7, 2.0);
(396878.3, 3766771.1, 100.6, 100.6, 2.0); (396918.3, 3766771.1, 101.1, 101.1, 2.0);
(396958.3, 3766771.1, 101.5, 101.5, 2.0); (396998.3, 3766771.1, 101.5, 101.5, 2.0);
(397038.3, 3766771.1, 101.3, 101.3, 2.0); (397078.3, 3766771.1, 101.1, 185.1, 2.0);
(397118.3, 3766771.1, 100.2, 185.1, 2.0); (397158.3, 3766771.1, 98.7, 187.7, 2.0);
(397198.3, 3766771.1, 98.3, 188.4, 2.0); (397238.3, 3766771.1, 98.6, 188.6, 2.0);
(397278.3, 3766771.1, 99.2, 188.6, 2.0); (397318.3, 3766771.1, 99.9, 188.6, 2.0);
(397358.3, 3766771.1, 100.6, 188.6, 2.0); (397398.3, 3766771.1, 101.5, 189.8, 2.0);
(397438.3, 3766771.1, 102.2, 191.1, 2.0); (397478.3, 3766771.1, 103.1, 191.1, 2.0);
(397518.3, 3766771.1, 103.9, 191.1, 2.0); (397558.3, 3766771.1, 104.6, 191.1, 2.0);
(397598.3, 3766771.1, 105.3, 191.1, 2.0); (397638.3, 3766771.1, 106.0, 191.1, 2.0);
(397678.3, 3766771.1, 106.6, 191.1, 2.0); (397718.3, 3766771.1, 106.6, 191.1, 2.0);
(396558.3, 3766811.1, 87.7, 105.5, 2.0); (396598.3, 3766811.1, 89.4, 105.5, 2.0);
(396638.3, 3766811.1, 97.3, 104.7, 2.0); (396678.3, 3766811.1, 102.7, 104.1, 2.0);
(396718.3, 3766811.1, 102.9, 102.9, 2.0); (396758.3, 3766811.1, 100.1, 105.5, 2.0);
(396798.3, 3766811.1, 100.2, 100.2, 2.0); (396838.3, 3766811.1, 100.5, 100.5, 2.0);
(396878.3, 3766811.1, 100.7, 100.7, 2.0); (396918.3, 3766811.1, 101.4, 101.4, 2.0);
(396958.3, 3766811.1, 102.1, 102.1, 2.0); (396998.3, 3766811.1, 102.4, 102.4, 2.0);
(397038.3, 3766811.1, 102.3, 102.3, 2.0); (397078.3,

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     ( 397198.3, 3766811.1,     101.3,     185.2,       2.0);         ( 397238.3,
3766811.1,     100.1,     188.4,       2.0);
     ( 397278.3, 3766811.1,      99.7,     188.6,       2.0);         ( 397318.3,
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     ( 397358.3, 3766811.1,     101.1,     188.6,       2.0);         ( 397398.3,
3766811.1,     101.9,     189.2,       2.0);
     ( 397438.3, 3766811.1,     102.7,     190.2,       2.0);         ( 397478.3,
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     ( 397518.3, 3766811.1,     104.3,     191.1,       2.0);         ( 397558.3,
3766811.1,     105.0,     191.1,       2.0);
     ( 397598.3, 3766811.1,     105.7,     191.1,       2.0);         ( 397638.3,
3766811.1,     106.4,     191.1,       2.0);
     ( 397678.3, 3766811.1,     107.1,     191.1,       2.0);         ( 397718.3,
3766811.1,     107.6,     191.1,       2.0);
     ( 396558.3, 3766851.1,      89.1,     104.7,       2.0);         ( 396598.3,
3766851.1,      89.0,     105.5,       2.0);
     ( 396638.3, 3766851.1,      92.1,     105.5,       2.0);         ( 396678.3,
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     ( 396718.3, 3766851.1,      98.6,     104.7,       2.0);         ( 396758.3,
3766851.1,      98.5,      98.5,       2.0);
     ( 396798.3, 3766851.1,      99.2,      99.2,       2.0);         ( 396838.3,
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     ( 396878.3, 3766851.1,     101.2,     101.2,       2.0);         ( 396918.3,
3766851.1,     101.4,     101.4,       2.0);
     ( 396958.3, 3766851.1,     102.1,     102.1,       2.0);         ( 396998.3,
3766851.1,     102.7,     102.7,       2.0);
     ( 397038.3, 3766851.1,     102.8,     102.8,       2.0);         ( 397078.3,
3766851.1,     103.5,     103.5,       2.0);
     ( 397118.3, 3766851.1,     104.5,     104.5,       2.0);         ( 397158.3,
3766851.1,     104.8,     104.8,       2.0);
     ( 397198.3, 3766851.1,     104.2,     104.2,       2.0);         ( 397238.3,
3766851.1,     103.8,     184.7,       2.0);
     ( 397278.3, 3766851.1,     102.9,     187.0,       2.0);         ( 397318.3,
3766851.1,     101.3,     188.6,       2.0);
     ( 397358.3, 3766851.1,     101.6,     188.6,       2.0);         ( 397398.3,
3766851.1,     102.3,     188.6,       2.0);
     ( 397438.3, 3766851.1,     103.2,     189.8,       2.0);         ( 397478.3,
3766851.1,     104.0,     190.2,       2.0);
     ( 397518.3, 3766851.1,     104.7,     191.1,       2.0);         ( 397558.3,
3766851.1,     105.4,     191.1,       2.0);
     ( 397598.3, 3766851.1,     106.1,     191.1,       2.0);         ( 397638.3,
3766851.1,     106.8,     191.1,       2.0);
     ( 397678.3, 3766851.1,     107.5,     191.1,       2.0);         ( 397718.3,
3766851.1,     108.2,     191.1,       2.0);
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396558.3, 3766891.1, 89.9, 133.9, 2.0); (396598.3, 3766891.1, 89.3, 133.9, 2.0);
(396638.3, 3766891.1, 91.7, 104.7, 2.0); (396678.3, 3766891.1, 96.0, 96.0, 2.0);
(396718.3, 3766891.1, 97.4, 97.4, 2.0); (396758.3, 3766891.1, 98.2, 98.2, 2.0);
(396798.3, 3766891.1, 98.9, 98.9, 2.0); (396838.3, 3766891.1, 99.6, 99.6, 2.0);
(396878.3, 3766891.1, 100.9, 100.9, 2.0); (396918.3, 3766891.1, 100.8, 100.8, 2.0);
(396958.3, 3766891.1, 101.7, 101.7, 2.0); (396998.3, 3766891.1, 102.5, 102.5, 2.0);
(397038.3, 3766891.1, 103.1, 103.1, 2.0); (397078.3, 3766891.1, 105.4, 105.4, 2.0);
(397118.3, 3766891.1, 106.4, 106.4, 2.0); (397158.3, 3766891.1, 105.5, 105.5, 2.0);
(397198.3, 3766891.1, 106.8, 106.8, 2.0); (397238.3, 3766891.1, 106.2, 106.2, 2.0);
(397278.3, 3766891.1, 106.0, 106.0, 2.0); (397318.3, 3766891.1, 105.6, 184.0, 2.0);
(397358.3, 3766891.1, 104.0, 188.3, 2.0); (397398.3, 3766891.1, 102.9, 188.6, 2.0);
(397438.3, 3766891.1, 103.4, 188.6, 2.0); (397478.3, 3766891.1, 104.2, 189.8, 2.0);
(397518.3, 3766891.1, 105.2, 190.2, 2.0); (397558.3, 3766891.1, 105.8, 191.1, 2.0);
(397598.3, 3766891.1, 106.5, 191.1, 2.0); (397638.3, 3766891.1, 107.2, 191.1, 2.0);
(397678.3, 3766891.1, 107.9, 191.1, 2.0); (397718.3, 3766891.1, 108.8, 191.1, 2.0);
(396558.3, 3766931.1, 91.6, 135.0, 2.0); (396598.3, 3766931.1, 91.1, 135.0, 2.0);
(396638.3, 3766931.1, 93.8, 93.8, 2.0); (396678.3, 3766931.1, 94.9, 94.9, 2.0);
(396718.3, 3766931.1, 97.3, 97.3, 2.0); (396758.3, 3766931.1, 98.4, 98.4, 2.0);
(396798.3, 3766931.1, 99.1, 99.1, 2.0); (396838.3, 3766931.1, 99.5, 99.5, 2.0);
(396878.3, 3766931.1, 100.0, 100.0, 2.0); (396918.3, 3766931.1, 100.6, 100.6, 2.0);
(396958.3, 3766931.1, 101.3, 101.3, 2.0); (396998.3,

3766931.1,   102.5,   102.5,   2.0);
     (397038.3, 3766931.1,   104.5,   104.5,   2.0);   (397078.3,
3766931.1,   106.6,   106.6,   2.0);
     (397118.3, 3766931.1,   108.4,   108.4,   2.0);   (397158.3,
3766931.1,   108.6,   108.6,   2.0);
     (397198.3, 3766931.1,   109.1,   109.1,   2.0);   (397238.3,
3766931.1,   108.9,   108.9,   2.0);
     (397278.3, 3766931.1,   107.8,   107.8,   2.0);   (397318.3,
3766931.1,   107.8,   147.6,   2.0);
     (397358.3, 3766931.1,   109.6,   118.5,   2.0);   (397398.3,
3766931.1,   107.2,   184.7,   2.0);
     (397438.3, 3766931.1,   105.1,   188.4,   2.0);   (397478.3,
3766931.1,   105.0,   188.6,   2.0);
     (397518.3, 3766931.1,   106.2,   188.6,   2.0);   (397558.3,
3766931.1,   106.4,   190.2,   2.0);
     (397598.3, 3766931.1,   106.9,   191.1,   2.0);   (397638.3,
3766931.1,   107.5,   191.1,   2.0);
     (397678.3, 3766931.1,   108.1,   191.1,   2.0);   (397718.3,
3766931.1,   110.0,   191.1,   2.0);
     (396558.3, 3766971.1,   93.1,   135.5,   2.0);   (396598.3,
3766971.1,   92.7,   135.5,   2.0);
     (396638.3, 3766971.1,   94.0,   135.0,   2.0);   (396678.3,
3766971.1,   95.0,   133.9,   2.0);
     (396718.3, 3766971.1,   96.8,   96.8,   2.0);   (396758.3,
3766971.1,   98.2,   98.2,   2.0);
     (396798.3, 3766971.1,   99.2,   99.2,   2.0);   (396838.3,
3766971.1,   100.1,   100.1,   2.0);
     (396878.3, 3766971.1,   100.1,   100.1,   2.0);   (396918.3,
3766971.1,   100.5,   100.5,   2.0);
     (396958.3, 3766971.1,   101.3,   134.6,   2.0);   (396998.3,
3766971.1,   103.3,   103.3,   2.0);
     (397038.3, 3766971.1,   105.5,   105.5,   2.0);   (397078.3,
3766971.1,   107.4,   107.4,   2.0);
     (397118.3, 3766971.1,   109.2,   109.2,   2.0);   (397158.3,
3766971.1,   109.7,   109.7,   2.0);
     (397198.3, 3766971.1,   109.7,   109.7,   2.0);   (397238.3,
3766971.1,   109.6,   109.6,   2.0);
     (397278.3, 3766971.1,   109.3,   149.0,   2.0);   (397318.3,
3766971.1,   110.3,   149.0,   2.0);
     (397358.3, 3766971.1,   115.5,   117.7,   2.0);   (397398.3,
3766971.1,   114.0,   118.2,   2.0);
     (397438.3, 3766971.1,   109.0,   149.0,   2.0);   (397478.3,
3766971.1,   107.3,   186.4,   2.0);
     (397518.3, 3766971.1,   107.2,   188.3,   2.0);   (397558.3,
3766971.1,   107.1,   188.6,   2.0);
     (397598.3, 3766971.1,   107.4,   190.2,   2.0);   (397638.3,
3766971.1,   107.7,   190.6,   2.0);
     (397678.3, 3766971.1,   107.8,   191.1,   2.0);   (397718.3,
3766971.1,   110.6,   191.1,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (396558.3, 3767011.1,   94.7,   135.7,   2.0);   (396598.3,
3767011.1,   93.5,   135.7,   2.0);
     (396638.3, 3767011.1,   94.6,   135.5,   2.0);   (396678.3,
3767011.1,   96.0,   135.0,   2.0);
     (396718.3, 3767011.1,   97.0,   133.9,   2.0);   (396758.3,
3767011.1,   98.4,   98.4,   2.0);
     (396798.3, 3767011.1,   99.5,   99.5,   2.0);   (396838.3,
3767011.1,   100.6,   100.6,   2.0);
     (396878.3, 3767011.1,   100.9,   134.6,   2.0);   (396918.3,
3767011.1,   101.3,   134.6,   2.0);
     (396958.3, 3767011.1,   101.5,   134.7,   2.0);   (396998.3,
3767011.1,   103.7,   134.6,   2.0);
     (397038.3, 3767011.1,   105.8,   134.6,   2.0);   (397078.3,
3767011.1,   107.7,   107.7,   2.0);
     (397118.3, 3767011.1,   109.4,   109.4,   2.0);   (397158.3,
3767011.1,   109.6,   109.6,   2.0);
     (397198.3, 3767011.1,   109.7,   147.6,   2.0);   (397238.3,
3767011.1,   109.5,   149.0,   2.0);
     (397278.3, 3767011.1,   110.1,   149.0,   2.0);   (397318.3,
3767011.1,   111.3,   149.0,   2.0);
     (397358.3, 3767011.1,   116.5,   147.6,   2.0);   (397398.3,
3767011.1,   118.0,   118.0,   2.0);
     (397438.3, 3767011.1,   113.2,   149.0,   2.0);   (397478.3,
3767011.1,   109.0,   149.0,   2.0);
     (397518.3, 3767011.1,   108.0,   149.0,   2.0);   (397558.3,
3767011.1,   107.9,   187.3,   2.0);
     (397598.3, 3767011.1,   107.9,   188.3,   2.0);   (397638.3,
3767011.1,   108.1,   189.8,   2.0);
     (397678.3, 3767011.1,   108.0,   190.6,   2.0);   (397718.3,
3767011.1,   111.5,   190.2,   2.0);
     (396558.3, 3767051.1,   96.1,   135.7,   2.0);   (396598.3,
3767051.1,   95.6,   135.7,   2.0);
     (396638.3, 3767051.1,   95.1,   135.7,   2.0);   (396678.3,
3767051.1,   96.7,   135.7,   2.0);
     (396718.3, 3767051.1,   97.9,   135.5,   2.0);   (396758.3,
3767051.1,   99.0,   133.9,   2.0);
     (396798.3, 3767051.1,   100.2,   134.6,   2.0);   (396838.3,
3767051.1,   101.2,   134.6,   2.0);
     (396878.3, 3767051.1,   102.1,   134.6,   2.0);   (396918.3,

```
3767051.1,     102.9,     142.2,       2.0);
     ( 396958.3, 3767051.1,     103.1,     142.2,       2.0);         ( 396998.3,
3767051.1,     104.0,     142.2,       2.0);
     ( 397038.3, 3767051.1,     105.9,     140.2,       2.0);         ( 397078.3,
3767051.1,     107.8,     134.6,       2.0);
     ( 397118.3, 3767051.1,     109.1,     134.6,       2.0);         ( 397158.3,
3767051.1,     109.4,     149.0,       2.0);
     ( 397198.3, 3767051.1,     109.5,     149.0,       2.0);         ( 397238.3,
3767051.1,     109.4,     149.0,       2.0);
     ( 397278.3, 3767051.1,     110.4,     149.0,       2.0);         ( 397318.3,
3767051.1,     111.8,     149.0,       2.0);
     ( 397358.3, 3767051.1,     114.0,     149.0,       2.0);         ( 397398.3,
3767051.1,     117.9,     149.0,       2.0);
     ( 397438.3, 3767051.1,     115.9,     149.0,       2.0);         ( 397478.3,
3767051.1,     112.9,     149.0,       2.0);
     ( 397518.3, 3767051.1,     111.4,     149.0,       2.0);         ( 397558.3,
3767051.1,     111.1,     149.0,       2.0);
     ( 397598.3, 3767051.1,     109.6,     149.0,       2.0);         ( 397638.3,
3767051.1,     108.8,     186.4,       2.0);
     ( 397678.3, 3767051.1,     108.9,     187.8,       2.0);         ( 397718.3,
3767051.1,     112.3,     184.8,       2.0);
     ( 396558.3, 3767091.1,      98.4,     135.7,       2.0);         ( 396598.3,
3767091.1,      98.8,     135.7,       2.0);
     ( 396638.3, 3767091.1,      96.8,     135.7,       2.0);         ( 396678.3,
3767091.1,      96.6,     135.7,       2.0);
     ( 396718.3, 3767091.1,      98.4,     135.7,       2.0);         ( 396758.3,
3767091.1,      99.8,     135.0,       2.0);
     ( 396798.3, 3767091.1,     100.9,     134.6,       2.0);         ( 396838.3,
3767091.1,     102.1,     142.2,       2.0);
     ( 396878.3, 3767091.1,     102.9,     142.2,       2.0);         ( 396918.3,
3767091.1,     103.6,     142.2,       2.0);
     ( 396958.3, 3767091.1,     104.0,     142.2,       2.0);         ( 396998.3,
3767091.1,     105.4,     142.2,       2.0);
     ( 397078.3, 3767091.1,     107.8,     147.6,       2.0);         ( 397118.3,
3767091.1,     108.7,     149.0,       2.0);
     ( 397158.3, 3767091.1,     109.1,     149.0,       2.0);         ( 397198.3,
3767091.1,     109.5,     149.0,       2.0);
     ( 397238.3, 3767091.1,     109.5,     149.0,       2.0);         ( 397278.3,
3767091.1,     110.5,     149.0,       2.0);
     ( 397318.3, 3767091.1,     111.9,     149.0,       2.0);         ( 397358.3,
3767091.1,     113.8,     149.0,       2.0);
     ( 397398.3, 3767091.1,     116.6,     149.0,       2.0);         ( 397438.3,
3767091.1,     117.2,     149.0,       2.0);
     ( 397478.3, 3767091.1,     118.2,     149.0,       2.0);         ( 397518.3,
3767091.1,     117.6,     149.0,       2.0);
     ( 397558.3, 3767091.1,     117.9,     149.0,       2.0);         ( 397598.3,
3767091.1,     114.8,     149.0,       2.0);
     ( 397638.3, 3767091.1,     110.9,     149.0,       2.0);         ( 397678.3,
3767091.1,     110.4,     149.0,       2.0);
     ( 397718.3, 3767091.1,     112.0,     147.2,       2.0);         ( 396558.3,
```

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (396598.3, 3767131.1,   101.2,   135.7,   2.0);   (396638.3, 3767131.1,   100.3,   135.7,   2.0);
     (396678.3, 3767131.1,   97.7,   135.7,   2.0);   (396718.3, 3767131.1,   98.2,   135.7,   2.0);
     (396758.3, 3767131.1,   100.1,   142.2,   2.0);   (396798.3, 3767131.1,   101.8,   142.2,   2.0);
     (396838.3, 3767131.1,   103.2,   142.2,   2.0);   (396878.3, 3767131.1,   104.6,   142.2,   2.0);
     (396918.3, 3767131.1,   104.8,   142.2,   2.0);   (396958.3, 3767131.1,   106.1,   142.2,   2.0);
     (397238.3, 3767131.1,   111.0,   149.0,   2.0);   (397278.3, 3767131.1,   111.3,   149.0,   2.0);
     (397318.3, 3767131.1,   112.3,   149.0,   2.0);   (397358.3, 3767131.1,   114.1,   149.0,   2.0);
     (397398.3, 3767131.1,   116.4,   149.0,   2.0);   (397438.3, 3767131.1,   117.3,   149.0,   2.0);
     (397478.3, 3767131.1,   119.7,   149.0,   2.0);   (397518.3, 3767131.1,   119.3,   149.0,   2.0);
     (397558.3, 3767131.1,   119.0,   149.0,   2.0);   (397598.3, 3767131.1,   117.4,   149.0,   2.0);
     (397638.3, 3767131.1,   112.6,   149.0,   2.0);   (397678.3, 3767131.1,   111.8,   149.0,   2.0);
     (397718.3, 3767131.1,   112.0,   148.5,   2.0);   (396558.3, 3767171.1,   104.7,   135.7,   2.0);
     (396598.3, 3767171.1,   103.9,   135.7,   2.0);   (396638.3, 3767171.1,   103.5,   135.7,   2.0);
     (396678.3, 3767171.1,   100.8,   135.7,   2.0);   (396718.3, 3767171.1,   98.7,   142.2,   2.0);
     (396758.3, 3767171.1,   99.9,   142.2,   2.0);   (396798.3, 3767171.1,   102.6,   142.2,   2.0);
     (396838.3, 3767171.1,   104.8,   142.2,   2.0);   (396878.3, 3767171.1,   107.3,   142.2,   2.0);
     (396918.3, 3767171.1,   109.2,   142.2,   2.0);   (397438.3, 3767171.1,   117.8,   149.0,   2.0);
     (397478.3, 3767171.1,   118.3,   149.0,   2.0);   (397518.3, 3767171.1,   117.1,   149.0,   2.0);
     (397558.3, 3767171.1,   116.0,   149.0,   2.0);   (397598.3,

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3767171.1,     114.8,     149.3,       2.0);
     ( 397638.3, 3767171.1,     113.6,     149.3,       2.0);         ( 397678.3,
3767171.1,     113.6,     149.0,       2.0);
     ( 397718.3, 3767171.1,     113.3,     148.8,       2.0);         ( 396558.3,
3767211.1,     106.5,     135.7,       2.0);
     ( 396598.3, 3767211.1,     106.3,     135.7,       2.0);         ( 396638.3,
3767211.1,     105.5,     135.7,       2.0);
     ( 396678.3, 3767211.1,     105.1,     135.7,       2.0);         ( 396718.3,
3767211.1,     100.8,     178.2,       2.0);
     ( 396758.3, 3767211.1,     100.1,     179.2,       2.0);         ( 396798.3,
3767211.1,     102.1,     178.2,       2.0);
     ( 396838.3, 3767211.1,     105.7,     142.2,       2.0);         ( 396878.3,
3767211.1,     108.1,     142.2,       2.0);
     ( 396918.3, 3767211.1,     111.7,     142.2,       2.0);         ( 396958.3,
3767211.1,     113.3,     142.2,       2.0);
     ( 397438.3, 3767211.1,     124.2,     149.0,       2.0);         ( 397478.3,
3767211.1,     123.3,     149.0,       2.0);
     ( 397518.3, 3767211.1,     119.6,     149.3,       2.0);         ( 397558.3,
3767211.1,     117.5,     149.3,       2.0);
     ( 397598.3, 3767211.1,     115.6,     149.6,       2.0);         ( 397638.3,
3767211.1,     115.3,     149.3,       2.0);
     ( 397678.3, 3767211.1,     115.4,     149.3,       2.0);         ( 397718.3,
3767211.1,     114.8,     148.9,       2.0);
     ( 396558.3, 3767251.1,     111.2,     135.7,       2.0);         ( 396598.3,
3767251.1,     110.0,     135.7,       2.0);
     ( 396638.3, 3767251.1,     109.5,     135.7,       2.0);         ( 396678.3,
3767251.1,     109.1,     135.7,       2.0);
     ( 396718.3, 3767251.1,     105.3,     136.3,       2.0);         ( 396758.3,
3767251.1,     101.1,     187.0,       2.0);
     ( 396798.3, 3767251.1,     102.0,     187.3,       2.0);         ( 396838.3,
3767251.1,     104.5,     187.3,       2.0);
     ( 396878.3, 3767251.1,     109.0,     142.2,       2.0);         ( 396918.3,
3767251.1,     117.0,     142.2,       2.0);
     ( 396958.3, 3767251.1,     119.7,     142.2,       2.0);         ( 396998.3,
3767251.1,     121.8,     142.2,       2.0);
     ( 397038.3, 3767251.1,     123.3,     142.2,       2.0);         ( 397078.3,
3767251.1,     120.5,     142.2,       2.0);
     ( 397118.3, 3767251.1,     113.7,     187.6,       2.0);         ( 397318.3,
3767251.1,     118.7,     149.0,       2.0);
     ( 397358.3, 3767251.1,     124.9,     149.0,       2.0);         ( 397398.3,
3767251.1,     133.5,     149.0,       2.0);
     ( 397438.3, 3767251.1,     134.6,     149.0,       2.0);         ( 397478.3,
3767251.1,     130.7,     149.0,       2.0);
     ( 397518.3, 3767251.1,     125.3,     149.0,       2.0);         ( 397558.3,
3767251.1,     123.5,     149.3,       2.0);
     ( 397598.3, 3767251.1,     121.4,     149.3,       2.0);         ( 397638.3,
3767251.1,     118.3,     149.6,       2.0);
     ( 397678.3, 3767251.1,     117.5,     149.3,       2.0);         ( 397718.3,
3767251.1,     116.6,     149.2,       2.0);
     ( 396558.3, 3767291.1,     125.5,     135.5,       2.0);         ( 396598.3,
```

3767291.1,   120.7,   135.7,   2.0);
     (396638.3, 3767291.1,   119.2,   135.7,   2.0);   (396678.3,
3767291.1,   115.6,   135.7,   2.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (396718.3, 3767291.1,   111.7,   135.7,   2.0);   (396758.3,
3767291.1,   102.9,   187.3,   2.0);
     (396798.3, 3767291.1,   102.6,   188.3,   2.0);   (396838.3,
3767291.1,   104.8,   188.3,   2.0);
     (396878.3, 3767291.1,   115.3,   142.2,   2.0);   (396918.3,
3767291.1,   120.6,   142.2,   2.0);
     (396958.3, 3767291.1,   122.8,   142.2,   2.0);   (396998.3,
3767291.1,   128.6,   140.2,   2.0);
     (397038.3, 3767291.1,   134.4,   134.4,   2.0);   (397078.3,
3767291.1,   132.8,   134.1,   2.0);
     (397118.3, 3767291.1,   125.5,   142.2,   2.0);   (397158.3,
3767291.1,   115.4,   188.9,   2.0);
     (397278.3, 3767291.1,   120.7,   149.0,   2.0);   (397318.3,
3767291.1,   124.3,   149.0,   2.0);
     (397358.3, 3767291.1,   133.3,   149.0,   2.0);   (397398.3,
3767291.1,   143.5,   147.8,   2.0);
     (397438.3, 3767291.1,   143.7,   147.8,   2.0);   (397478.3,
3767291.1,   139.6,   148.3,   2.0);
     (397518.3, 3767291.1,   137.4,   148.5,   2.0);   (397558.3,
3767291.1,   138.5,   145.4,   2.0);
     (397598.3, 3767291.1,   136.8,   144.6,   2.0);   (397638.3,
3767291.1,   127.3,   148.8,   2.0);
     (397678.3, 3767291.1,   120.5,   149.3,   2.0);   (397718.3,
3767291.1,   118.7,   150.4,   2.0);
     (396558.3, 3767331.1,   134.0,   134.0,   2.0);   (396598.3,
3767331.1,   131.8,   131.8,   2.0);
     (396638.3, 3767331.1,   128.4,   129.7,   2.0);   (396678.3,
3767331.1,   120.2,   135.7,   2.0);
     (396718.3, 3767331.1,   114.9,   135.7,   2.0);   (396758.3,
3767331.1,   105.4,   187.6,   2.0);
     (396798.3, 3767331.1,   103.5,   188.9,   2.0);   (396838.3,
3767331.1,   105.5,   188.9,   2.0);
     (396878.3, 3767331.1,   116.4,   178.2,   2.0);   (396918.3,
3767331.1,   122.3,   142.2,   2.0);
     (396958.3, 3767331.1,   125.5,   142.2,   2.0);   (396998.3,

```
3767331.1,     127.4,     142.2,       2.0);
     ( 397038.3, 3767331.1,     133.7,     140.2,       2.0);         ( 397078.3,
3767331.1,     135.0,     135.0,       2.0);
     ( 397118.3, 3767331.1,     132.2,     142.2,       2.0);         ( 397158.3,
3767331.1,     126.8,     142.2,       2.0);
     ( 397198.3, 3767331.1,     125.9,     149.0,       2.0);         ( 397238.3,
3767331.1,     124.0,     149.0,       2.0);
     ( 397278.3, 3767331.1,     125.5,     149.0,       2.0);         ( 397318.3,
3767331.1,     131.3,     149.0,       2.0);
     ( 397358.3, 3767331.1,     138.4,     149.0,       2.0);         ( 397398.3,
3767331.1,     147.7,     147.7,       2.0);
     ( 397438.3, 3767331.1,     147.6,     147.6,       2.0);         ( 397478.3,
3767331.1,     145.7,     145.7,       2.0);
     ( 397518.3, 3767331.1,     145.0,     145.0,       2.0);         ( 397558.3,
3767331.1,     144.4,     144.4,       2.0);
     ( 397598.3, 3767331.1,     143.6,     143.6,       2.0);         ( 397638.3,
3767331.1,     138.8,     144.5,       2.0);
     ( 397678.3, 3767331.1,     127.8,     148.8,       2.0);         ( 397718.3,
3767331.1,     121.9,     150.4,       2.0);
     ( 396558.3, 3767371.1,     134.8,     134.8,       2.0);         ( 396598.3,
3767371.1,     129.8,     135.5,       2.0);
     ( 396638.3, 3767371.1,     125.8,     135.7,       2.0);         ( 396678.3,
3767371.1,     118.3,     136.3,       2.0);
     ( 396718.3, 3767371.1,     112.6,     179.2,       2.0);         ( 396758.3,
3767371.1,     107.4,     187.6,       2.0);
     ( 396798.3, 3767371.1,     104.9,     188.9,       2.0);         ( 396838.3,
3767371.1,     105.7,     188.9,       2.0);
     ( 396878.3, 3767371.1,     114.0,     187.6,       2.0);         ( 396918.3,
3767371.1,     120.9,     178.2,       2.0);
     ( 396958.3, 3767371.1,     125.6,     142.2,       2.0);         ( 396998.3,
3767371.1,     127.5,     142.2,       2.0);
     ( 397038.3, 3767371.1,     134.4,     142.2,       2.0);         ( 397078.3,
3767371.1,     138.0,     140.2,       2.0);
     ( 397118.3, 3767371.1,     135.8,     141.9,       2.0);         ( 397158.3,
3767371.1,     135.4,     137.8,       2.0);
     ( 397198.3, 3767371.1,     132.5,     139.4,       2.0);         ( 397238.3,
3767371.1,     129.2,     149.0,       2.0);
     ( 397278.3, 3767371.1,     129.5,     149.0,       2.0);         ( 397318.3,
3767371.1,     134.3,     149.0,       2.0);
     ( 397358.3, 3767371.1,     138.9,     149.0,       2.0);         ( 397398.3,
3767371.1,     148.1,     148.1,       2.0);
     ( 397438.3, 3767371.1,     148.3,     148.3,       2.0);         ( 397478.3,
3767371.1,     147.7,     147.7,       2.0);
     ( 397518.3, 3767371.1,     146.8,     146.8,       2.0);         ( 397558.3,
3767371.1,     145.8,     145.8,       2.0);
     ( 397598.3, 3767371.1,     144.6,     144.6,       2.0);         ( 397638.3,
3767371.1,     144.0,     144.0,       2.0);
     ( 397678.3, 3767371.1,     139.7,     144.9,       2.0);         ( 397718.3,
3767371.1,     129.0,     149.1,       2.0);
     ( 396558.3, 3767411.1,     135.2,     135.2,       2.0);         ( 396598.3,
```

3767411.1,   128.0,   135.7,   2.0);
     (396638.3, 3767411.1,   121.1,   136.3,   2.0);   (396678.3,
3767411.1,   115.7,   179.2,   2.0);
     (396718.3, 3767411.1,   112.4,   186.6,   2.0);   (396758.3,
3767411.1,   108.8,   188.3,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (396798.3, 3767411.1,   106.0,   188.9,   2.0);   (396838.3,
3767411.1,   106.9,   188.9,   2.0);
     (396878.3, 3767411.1,   113.9,   188.9,   2.0);   (396918.3,
3767411.1,   119.2,   188.3,   2.0);
     (396958.3, 3767411.1,   125.5,   186.6,   2.0);   (396998.3,
3767411.1,   131.9,   142.2,   2.0);
     (397038.3, 3767411.1,   138.6,   142.2,   2.0);   (397078.3,
3767411.1,   141.9,   141.9,   2.0);
     (397118.3, 3767411.1,   140.9,   141.2,   2.0);   (397158.3,
3767411.1,   137.9,   139.4,   2.0);
     (397198.3, 3767411.1,   134.3,   134.3,   2.0);   (397238.3,
3767411.1,   131.6,   187.6,   2.0);
     (397278.3, 3767411.1,   130.9,   187.6,   2.0);   (397318.3,
3767411.1,   134.1,   149.0,   2.0);
     (397358.3, 3767411.1,   137.6,   149.0,   2.0);   (397398.3,
3767411.1,   146.7,   147.7,   2.0);
     (397438.3, 3767411.1,   148.4,   148.4,   2.0);   (397478.3,
3767411.1,   148.7,   148.7,   2.0);
     (397518.3, 3767411.1,   148.2,   148.2,   2.0);   (397558.3,
3767411.1,   147.1,   147.1,   2.0);
     (397598.3, 3767411.1,   145.6,   145.6,   2.0);   (397638.3,
3767411.1,   144.9,   144.9,   2.0);
     (397678.3, 3767411.1,   144.9,   144.9,   2.0);   (397718.3,
3767411.1,   139.1,   145.3,   2.0);
     (396558.3, 3767451.1,   133.6,   133.6,   2.0);   (396598.3,
3767451.1,   127.7,   135.7,   2.0);
     (396638.3, 3767451.1,   120.9,   136.8,   2.0);   (396678.3,
3767451.1,   117.4,   179.2,   2.0);
     (396718.3, 3767451.1,   115.4,   186.6,   2.0);   (396758.3,
3767451.1,   110.2,   188.9,   2.0);
     (396798.3, 3767451.1,   106.8,   188.9,   2.0);   (396838.3,
3767451.1,   108.8,   188.9,   2.0);
     (396878.3, 3767451.1,   113.5,   188.9,   2.0);   (396918.3,

```
3767451.1,     118.9,     188.9,       2.0);
     ( 396958.3, 3767451.1,     125.3,     187.6,       2.0);         ( 396998.3,
3767451.1,     131.1,     186.6,       2.0);
     ( 397038.3, 3767451.1,     136.7,     142.2,       2.0);         ( 397078.3,
3767451.1,     140.6,     140.6,       2.0);
     ( 397118.3, 3767451.1,     141.6,     141.6,       2.0);         ( 397158.3,
3767451.1,     139.4,     139.4,       2.0);
     ( 397198.3, 3767451.1,     136.1,     136.1,       2.0);         ( 397238.3,
3767451.1,     133.5,     188.9,       2.0);
     ( 397278.3, 3767451.1,     131.8,     188.9,       2.0);         ( 397318.3,
3767451.1,     133.4,     188.9,       2.0);
     ( 397358.3, 3767451.1,     136.6,     149.0,       2.0);         ( 397398.3,
3767451.1,     145.4,     147.2,       2.0);
     ( 397438.3, 3767451.1,     147.7,     147.7,       2.0);         ( 397478.3,
3767451.1,     148.5,     148.5,       2.0);
     ( 397518.3, 3767451.1,     148.6,     148.6,       2.0);         ( 397558.3,
3767451.1,     147.8,     147.8,       2.0);
     ( 397598.3, 3767451.1,     146.3,     146.3,       2.0);         ( 397638.3,
3767451.1,     145.6,     145.6,       2.0);
     ( 397678.3, 3767451.1,     145.4,     145.4,       2.0);         ( 397718.3,
3767451.1,     143.1,     143.1,       2.0);
     ( 396558.3, 3767491.1,     132.0,     132.0,       2.0);         ( 396598.3,
3767491.1,     127.6,     136.8,       2.0);
     ( 396638.3, 3767491.1,     126.6,     136.8,       2.0);         ( 396678.3,
3767491.1,     125.9,     136.8,       2.0);
     ( 396718.3, 3767491.1,     122.0,     179.2,       2.0);         ( 396758.3,
3767491.1,     112.0,     188.9,       2.0);
     ( 396798.3, 3767491.1,     107.5,     188.9,       2.0);         ( 396838.3,
3767491.1,     109.0,     188.9,       2.0);
     ( 396878.3, 3767491.1,     112.7,     188.9,       2.0);         ( 396918.3,
3767491.1,     118.4,     188.9,       2.0);
     ( 396958.3, 3767491.1,     123.7,     188.9,       2.0);         ( 396998.3,
3767491.1,     128.9,     188.9,       2.0);
     ( 397038.3, 3767491.1,     135.5,     187.0,       2.0);         ( 397078.3,
3767491.1,     139.6,     139.6,       2.0);
     ( 397118.3, 3767491.1,     141.3,     141.3,       2.0);         ( 397158.3,
3767491.1,     140.1,     140.1,       2.0);
     ( 397198.3, 3767491.1,     137.2,     187.6,       2.0);         ( 397238.3,
3767491.1,     134.8,     188.9,       2.0);
     ( 397278.3, 3767491.1,     133.2,     188.9,       2.0);         ( 397318.3,
3767491.1,     133.0,     188.9,       2.0);
     ( 397358.3, 3767491.1,     135.1,     188.9,       2.0);         ( 397398.3,
3767491.1,     141.3,     148.1,       2.0);
     ( 397438.3, 3767491.1,     145.7,     145.7,       2.0);         ( 397478.3,
3767491.1,     148.2,     148.2,       2.0);
     ( 397518.3, 3767491.1,     149.0,     149.0,       2.0);         ( 397558.3,
3767491.1,     148.5,     148.5,       2.0);
     ( 397598.3, 3767491.1,     146.5,     146.5,       2.0);         ( 397638.3,
3767491.1,     146.2,     146.2,       2.0);
     ( 397678.3, 3767491.1,     145.9,     145.9,       2.0);         ( 397718.3,
```

3767491.1,   144.1,   145.4,   2.0);
     (396558.3, 3767531.1,   133.5,   133.5,   2.0);   (396598.3,
3767531.1,   132.4,   136.8,   2.0);
     (396638.3, 3767531.1,   134.6,   136.3,   2.0);   (396678.3,
3767531.1,   133.6,   136.3,   2.0);
     (396718.3, 3767531.1,   125.4,   179.2,   2.0);   (396758.3,
3767531.1,   111.2,   188.9,   2.0);

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (396798.3, 3767531.1,   108.6,   188.9,   2.0);   (396838.3,
3767531.1,   112.0,   188.9,   2.0);
     (396878.3, 3767531.1,   113.6,   188.9,   2.0);   (396918.3,
3767531.1,   116.8,   188.9,   2.0);
     (396958.3, 3767531.1,   121.4,   188.9,   2.0);   (396998.3,
3767531.1,   126.2,   188.9,   2.0);
     (397038.3, 3767531.1,   133.5,   188.9,   2.0);   (397078.3,
3767531.1,   136.9,   188.9,   2.0);
     (397118.3, 3767531.1,   140.5,   187.6,   2.0);   (397158.3,
3767531.1,   140.7,   187.6,   2.0);
     (397198.3, 3767531.1,   138.5,   188.9,   2.0);   (397238.3,
3767531.1,   136.3,   188.9,   2.0);
     (397278.3, 3767531.1,   134.5,   188.9,   2.0);   (397318.3,
3767531.1,   133.7,   188.9,   2.0);
     (397358.3, 3767531.1,   134.0,   188.9,   2.0);   (397398.3,
3767531.1,   139.0,   188.9,   2.0);
     (397438.3, 3767531.1,   146.3,   146.3,   2.0);   (397478.3,
3767531.1,   148.9,   148.9,   2.0);
     (397518.3, 3767531.1,   149.4,   149.4,   2.0);   (397558.3,
3767531.1,   149.1,   149.1,   2.0);
     (397598.3, 3767531.1,   147.0,   147.0,   2.0);   (397638.3,
3767531.1,   147.3,   147.3,   2.0);
     (397678.3, 3767531.1,   147.5,   147.5,   2.0);   (397718.3,
3767531.1,   146.1,   147.0,   2.0);
     (397320.8, 3767219.1,   114.7,   149.3,   0.0);   (397330.8,
3767209.1,   114.5,   149.3,   0.0);
     (397340.8, 3767189.1,   113.5,   149.3,   0.0);   (397340.8,
3767199.1,   114.0,   149.3,   0.0);
     (397340.8, 3767209.1,   115.0,   149.3,   0.0);   (397350.8,
3767189.1,   113.7,   149.3,   0.0);
     (397350.8, 3767199.1,   114.3,   149.3,   0.0);   (397360.8,

3767189.1,   114.1,   149.3,   0.0);
     (397360.8, 3767199.1,   114.7,   149.3,   0.0);   (397370.8,
3767189.1,   114.4,   149.3,   0.0);
     (397380.8, 3767189.1,   114.9,   149.3,   0.0);   (396920.4,
3767167.3,   108.8,   142.2,   2.0);
     (396990.0, 3767243.5,   119.6,   142.2,   2.0);   (397044.1,
3767224.0,   112.6,   142.2,   2.0);
     (397113.6, 3767239.9,   112.1,   187.6,   2.0);   (397158.6,
3767280.3,   113.8,   188.9,   2.0);
     (397169.0, 3767307.0,   119.0,   187.6,   2.0);   (397244.0,
3767296.7,   118.1,   188.9,   2.0);
     (397261.0, 3767278.9,   117.5,   187.6,   2.0);   (397409.7,
3767205.7,   119.8,   149.0,   2.0);
     (397422.9, 3767189.2,   118.1,   149.0,   2.0);   (397426.6,
3767180.8,   117.9,   149.0,   2.0);
     (397420.5, 3767170.5,   116.8,   149.0,   2.0);   (397318.7,
3767160.1,   112.9,   149.0,   2.0);
     (397023.0, 3767083.6,   105.7,   142.2,   2.0);   (396943.6,
3767192.7,   110.6,   142.2,   2.0);
     (396966.8, 3767218.1,   114.7,   142.2,   2.0);   (397017.0,
3767233.8,   114.5,   142.2,   2.0);
     (397078.8, 3767231.9,   113.1,   149.0,   2.0);   (397136.1,
3767260.1,   112.9,   188.9,   2.0);
     (397206.5, 3767301.9,   117.8,   188.9,   2.0);   (397298.1,
3767260.6,   118.6,   149.0,   2.0);
     (397335.3, 3767242.3,   119.2,   149.0,   2.0);   (397372.5,
3767224.0,   119.2,   149.0,   2.0);
     (397386.6, 3767167.0,   114.8,   149.0,   2.0);   (397352.6,
3767163.6,   113.6,   149.0,   2.0);
     (397276.4, 3767149.2,   111.9,   149.0,   2.0);   (397234.2,
3767138.3,   111.3,   149.0,   2.0);
     (397192.0, 3767127.3,   110.4,   149.0,   2.0);   (397149.7,
3767116.4,   109.7,   149.0,   2.0);
     (397107.5, 3767105.5,   108.7,   149.0,   2.0);   (397065.2,
3767094.5,   107.4,   142.2,   2.0);
     (396988.8, 3767111.5,   106.3,   142.2,   2.0);   (396954.6,
3767139.4,   106.4,   142.2,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                     * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
BE PERFORMED *
                       LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000004	396988.8	3767111.5	0.97
L0000005	396988.8	3767111.5	-0.64
L0000109	397044.1	3767224.0	-3.28
L0000112	397078.8	3767231.9	0.05
L0000143	397113.6	3767239.9	-1.57
L0000144	397113.6	3767239.9	-2.05
L0000174	397136.1	3767260.1	-3.36
L0000175	397136.1	3767260.1	-0.47
L0000208	397158.6	3767280.3	0.54
L0000209	397158.6	3767280.3	-3.37
L0000250	397206.5	3767301.9	-0.42
L0000251	397206.5	3767301.9	-1.30
L0000271	397318.7	3767160.1	-0.54

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: PICO_V9_ADJU\PICO_V9.SFC
Met Version: 16216
Profile file: PICO_V9_ADJU\PICO_V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: PICO Name: UNKNOWN

Year: 2010 Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT

- - - -

*** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S):   EG01   , EG08   , EG24   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3766771.08	6.43449	396598.26	3766771.08	7.14576
396638.26	3766771.08	8.50553	396678.26	3766771.08	10.53067
396718.26	3766771.08	12.52844	396758.26	3766771.08	13.42226
396798.26	3766771.08	13.89992	396838.26	3766771.08	15.36855
396878.26	3766771.08	16.22638	396918.26	3766771.08	17.53265
396958.26	3766771.08	18.45300	396998.26	3766771.08	18.57451
397038.26	3766771.08	17.70291	397078.26	3766771.08	16.48913
397118.26	3766771.08	15.07555	397158.26	3766771.08	14.75823
397198.26	3766771.08	14.77694	397238.26	3766771.08	14.28534
397278.26	3766771.08	14.38461	397318.26		

```
3766771.08       13.91311
         397358.26    3766771.08       13.69920                       397398.26
3766771.08       14.35121
         397438.26    3766771.08       14.98264                       397478.26
3766771.08       14.76671
         397518.26    3766771.08       14.07815                       397558.26
3766771.08       13.55938
         397598.26    3766771.08       12.78148                       397638.26
3766771.08       11.99356
         397678.26    3766771.08       11.15351                       397718.26
3766771.08       10.22659
         396558.26    3766811.08        6.70266                       396598.26
3766811.08        7.65813
         396638.26    3766811.08        9.22292                       396678.26
3766811.08       10.83419
         396718.26    3766811.08       12.60038                       396758.26
3766811.08       13.94991
         396798.26    3766811.08       15.00171                       396838.26
3766811.08       16.31567
         396878.26    3766811.08       17.77202                       396918.26
3766811.08       18.71903
         396958.26    3766811.08       20.16254                       396998.26
3766811.08       20.47195
         397038.26    3766811.08       19.78646                       397078.26
3766811.08       18.36497
         397118.26    3766811.08       17.07680                       397158.26
3766811.08       17.24821
         397198.26    3766811.08       17.04710                       397238.26
3766811.08       15.98135
         397278.26    3766811.08       15.65131                       397318.26
3766811.08       15.38644
         397358.26    3766811.08       15.86479                       397398.26
3766811.08       16.93353
         397438.26    3766811.08       16.97956                       397478.26
3766811.08       16.26603
         397518.26    3766811.08       15.92526                       397558.26
3766811.08       15.27457
         397598.26    3766811.08       14.59237                       397638.26
3766811.08       13.64880
         397678.26    3766811.08       12.68347                       397718.26
3766811.08       11.53134
         396558.26    3766851.08        6.91953                       396598.26
3766851.08        7.75785
         396638.26    3766851.08        9.31446                       396678.26
3766851.08       11.04038
         396718.26    3766851.08       12.35922                       396758.26
3766851.08       13.97963
         396798.26    3766851.08       16.14242                       396838.26
3766851.08       17.39004
         396878.26    3766851.08       19.07145                       396918.26
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3766851.08   20.26655
         396958.26   3766851.08   21.54187   396998.26
3766851.08   22.33530
         397038.26   3766851.08   21.83873   397078.26
3766851.08   20.61105
         397118.26   3766851.08   19.06948   397158.26
3766851.08   19.67338
         397198.26   3766851.08   19.54465   397238.26
3766851.08   18.72575
         397278.26   3766851.08   18.13795   397318.26
3766851.08   17.69840

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF NO2   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397358.26   3766851.08   19.04721   397398.26
3766851.08   19.31352
         397438.26   3766851.08   18.60632   397478.26
3766851.08   18.80673
         397518.26   3766851.08   18.21605   397558.26
3766851.08   17.53378
         397598.26   3766851.08   16.51424   397638.26
3766851.08   15.36694
         397678.26   3766851.08   13.87402   397718.26
3766851.08   12.31751
         396558.26   3766891.08   7.29650   396598.26
3766891.08   7.98360
         396638.26   3766891.08   9.16509   396678.26
3766891.08   11.30880
         396718.26   3766891.08   13.18266   396758.26
3766891.08   14.54329

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         396798.26    3766891.08       16.29729                    396838.26
3766891.08       18.73424
         396878.26    3766891.08       20.18370                    396918.26
3766891.08       21.47196
         396958.26    3766891.08       22.59442                    396998.26
3766891.08       23.95860
         397038.26    3766891.08       23.94846                    397078.26
3766891.08       23.46763
         397118.26    3766891.08       21.73791                    397158.26
3766891.08       22.15194
         397198.26    3766891.08       22.89473                    397238.26
3766891.08       21.56740
         397278.26    3766891.08       21.66625                    397318.26
3766891.08       22.55553
         397358.26    3766891.08       22.45902                    397398.26
3766891.08       21.49254
         397438.26    3766891.08       21.98959                    397478.26
3766891.08       21.55292
         397518.26    3766891.08       20.74073                    397558.26
3766891.08       19.65581
         397598.26    3766891.08       18.19257                    397638.26
3766891.08       16.47429
         397678.26    3766891.08       14.97435                    397718.26
3766891.08       13.39202
         396558.26    3766931.08        7.39212                    396598.26
3766931.08        8.56083
         396638.26    3766931.08        9.85887                    396678.26
3766931.08       10.91210
         396718.26    3766931.08       13.03290                    396758.26
3766931.08       15.47242
         396798.26    3766931.08       17.21891                    396838.26
3766931.08       18.80530
         396878.26    3766931.08       21.50450                    396918.26
3766931.08       22.77940
         396958.26    3766931.08       24.45285                    396998.26
3766931.08       26.03909
         397038.26    3766931.08       27.25893                    397078.26
3766931.08       26.83835
         397118.26    3766931.08       26.45635                    397158.26
3766931.08       27.33332
         397198.26    3766931.08       27.42502                    397238.26
3766931.08       26.44384
         397278.26    3766931.08       25.89035                    397318.26
3766931.08       26.67050
         397358.26    3766931.08       26.89043                    397398.26
3766931.08       26.94412
         397438.26    3766931.08       25.54046                    397478.26
3766931.08       24.28379
         397518.26    3766931.08       23.11205                    397558.26
3766931.08       21.26196
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         396958.26   3766971.08   26.57924   396998.26
3766971.08   28.89233
         397038.26   3766971.08   31.20016   397078.26
3766971.08   30.70995
         397118.26   3766971.08   32.89778   397158.26
3766971.08   37.81661
         397198.26   3766971.08   36.57876   397238.26
3766971.08   34.52461
         397278.26   3766971.08   32.31128   397318.26
3766971.08   31.55395
         397358.26   3766971.08   30.78858   397398.26
3766971.08   30.20722
         397438.26   3766971.08   29.01666   397478.26

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3766971.08       26.92022
         397518.26    3766971.08       25.00248                       397558.26
3766971.08       22.84343
         397598.26    3766971.08       20.32956                       397638.26
3766971.08       17.66855
         397678.26    3766971.08       15.18604                       397718.26
3766971.08       13.37481
         396558.26    3767011.08        6.44032                       396598.26
3767011.08        7.32310
         396638.26    3767011.08        8.81978                       396678.26
3767011.08       10.63292
         396718.26    3767011.08       12.82138                       396758.26
3767011.08       15.09511
         396798.26    3767011.08       17.17434                       396838.26
3767011.08       19.91605
         396878.26    3767011.08       23.40187                       396918.26
3767011.08       25.79177
         396958.26    3767011.08       29.61414                       396998.26
3767011.08       32.41159
         397038.26    3767011.08       35.46635                       397078.26
3767011.08       44.80508
         397118.26    3767011.08       53.55116                       397158.26
3767011.08       56.81673
         397198.26    3767011.08       67.69962                       397238.26
3767011.08       66.65783
         397278.26    3767011.08       50.56660                       397318.26
3767011.08       37.04033
         397358.26    3767011.08       33.68579                       397398.26
3767011.08       31.88340
         397438.26    3767011.08       31.07427                       397478.26
3767011.08       28.76147
         397518.26    3767011.08       25.57956                       397558.26
3767011.08       22.36344
         397598.26    3767011.08       19.72913                       397638.26
3767011.08       17.37841
         397678.26    3767011.08       15.28635                       397718.26
3767011.08       13.63126
         396558.26    3767051.08        6.58826                       396598.26
3767051.08        7.42952
         396638.26    3767051.08        8.44969                       396678.26
3767051.08        9.74774
         396718.26    3767051.08       11.66982                       396758.26
3767051.08       13.79564
         396798.26    3767051.08       16.59738                       396838.26
3767051.08       19.74534
         396878.26    3767051.08       22.82470                       396918.26
3767051.08       28.27853
         396958.26    3767051.08       31.74867                       396998.26
3767051.08       40.40642
         397038.26    3767051.08       66.61078                       397078.26
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3767051.08   68.85866
         397118.26   3767051.08   78.69854   397158.26
3767051.08   59.83926
         397198.26   3767051.08   62.72921   397238.26
3767051.08   65.04288
         397278.26   3767051.08   69.45829   397318.26
3767051.08   54.80286
         397358.26   3767051.08   37.59986   397398.26
3767051.08   33.52538
         397438.26   3767051.08   30.77102   397478.26
3767051.08   28.03190
         397518.26   3767051.08   24.81793   397558.26
3767051.08   22.36952
         397598.26   3767051.08   20.11073   397638.26
3767051.08   17.79285
         397678.26   3767051.08   15.59092   397718.26
3767051.08   13.93371

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396558.26   3767091.08   6.74373   396598.26
3767091.08   7.53495
         396638.26   3767091.08   8.37448   396678.26
3767091.08   9.54861
         396718.26   3767091.08   10.97643   396758.26
3767091.08   12.61623
         396798.26   3767091.08   15.09149   396838.26
3767091.08   18.05913
         396878.26   3767091.08   22.24387   396918.26
3767091.08   27.24715

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         396958.26    3767091.08       33.40517                    396998.26
3767091.08       64.08568
         397078.26    3767091.08       56.61146                    397118.26
3767091.08       72.30138
         397158.26    3767091.08       62.39442                    397198.26
3767091.08       60.28370
         397238.26    3767091.08       64.32016                    397278.26
3767091.08       64.09768
         397318.26    3767091.08       54.35999                    397358.26
3767091.08       38.15117
         397398.26    3767091.08       33.04138                    397438.26
3767091.08       30.23611
         397478.26    3767091.08       27.43092                    397518.26
3767091.08       24.70349
         397558.26    3767091.08       22.32241                    397598.26
3767091.08       20.59628
         397638.26    3767091.08       18.80403                    397678.26
3767091.08       16.82014
         397718.26    3767091.08       14.89409                    396558.26
3767131.08        6.94605
         396598.26    3767131.08        7.75264                    396638.26
3767131.08        8.68756
         396678.26    3767131.08        9.51966                    396718.26
3767131.08       10.74060
         396758.26    3767131.08       12.24770                    396798.26
3767131.08       14.07192
         396838.26    3767131.08       16.38883                    396878.26
3767131.08       20.02045
         396918.26    3767131.08       24.54974                    396958.26
3767131.08       40.26711
         397238.26    3767131.08       49.43956                    397278.26
3767131.08       60.15244
         397318.26    3767131.08       51.06018                    397358.26
3767131.08       44.17228
         397398.26    3767131.08       34.29330                    397438.26
3767131.08       31.38349
         397478.26    3767131.08       28.28878                    397518.26
3767131.08       25.78542
         397558.26    3767131.08       23.32273                    397598.26
3767131.08       21.12519
         397638.26    3767131.08       19.08350                    397678.26
3767131.08       16.82691
         397718.26    3767131.08       14.68349                    396558.26
3767171.08        7.94010
         396598.26    3767171.08        8.80914                    396638.26
3767171.08        9.90344
         396678.26    3767171.08       10.75338                    396718.26
3767171.08       11.64832
         396758.26    3767171.08       13.01245                    396798.26
3767171.08       14.85884
```

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         396838.26    3767171.08       17.22030                       396878.26
3767171.08       20.45973
         396918.26    3767171.08       23.78144                       397438.26
3767171.08       30.38258
         397478.26    3767171.08       27.29440                       397518.26
3767171.08       24.71827
         397558.26    3767171.08       22.29217                       397598.26
3767171.08       20.08772
         397638.26    3767171.08       17.95909                       397678.26
3767171.08       15.90201
         397718.26    3767171.08       14.00095                       396558.26
3767211.08        8.52381
         396598.26    3767211.08        9.58984                       396638.26
3767211.08       10.80298
         396678.26    3767211.08       12.12906                       396718.26
3767211.08       12.80874
         396758.26    3767211.08       14.08400                       396798.26
3767211.08       16.22877
         396838.26    3767211.08       19.57190                       396878.26
3767211.08       23.09159
♠ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:52:36

                                   PAGE  35
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396918.26    3767211.08       26.67350                       396958.26
3767211.08       30.47208
         397438.26    3767211.08       27.66805                       397478.26
3767211.08       25.29589
         397518.26    3767211.08       23.38233                       397558.26
3767211.08       21.27072
         397598.26    3767211.08       19.26472                       397638.26
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3767211.08       17.25653
         397678.26    3767211.08       15.34378                       397718.26
3767211.08       13.57150
         396558.26    3767251.08        8.61685                       396598.26
3767251.08        9.75470
         396638.26    3767251.08       11.06956                       396678.26
3767251.08       12.51719
         396718.26    3767251.08       13.59085                       396758.26
3767251.08       14.14211
         396798.26    3767251.08       15.80614                       396838.26
3767251.08       18.50023
         396878.26    3767251.08       22.06817                       396918.26
3767251.08       23.96567
         396958.26    3767251.08       26.07716                       396998.26
3767251.08       37.62893
         397038.26    3767251.08       27.81033                       397078.26
3767251.08       24.63688
         397118.26    3767251.08       38.63065                       397318.26
3767251.08       44.67044
         397358.26    3767251.08       30.77272                       397398.26
3767251.08       27.40242
         397438.26    3767251.08       24.87866                       397478.26
3767251.08       22.62769
         397518.26    3767251.08       21.01348                       397558.26
3767251.08       19.16925
         397598.26    3767251.08       17.52889                       397638.26
3767251.08       15.97238
         397678.26    3767251.08       14.31166                       397718.26
3767251.08       12.69915
         396558.26    3767291.08        8.28225                       396598.26
3767291.08        9.35782
         396638.26    3767291.08       10.57654                       396678.26
3767291.08       11.98332
         396718.26    3767291.08       13.69300                       396758.26
3767291.08       14.09577
         396798.26    3767291.08       15.34693                       396838.26
3767291.08       17.27732
         396878.26    3767291.08       19.62091                       396918.26
3767291.08       20.25092
         396958.26    3767291.08       21.32750                       396998.26
3767291.08       24.64739
         397038.26    3767291.08       29.04222                       397078.26
3767291.08       43.68986
         397118.26    3767291.08       49.28497                       397158.26
3767291.08       32.01468
         397278.26    3767291.08       41.35805                       397318.26
3767291.08       34.27598
         397358.26    3767291.08       28.85307                       397398.26
3767291.08       27.11278
         397438.26    3767291.08       23.67800                       397478.26
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3767291.08   21.03039
         397518.26   3767291.08   19.04365   397558.26
3767291.08   17.36919
         397598.26   3767291.08   15.82453   397638.26
3767291.08   14.39449
         397678.26   3767291.08   13.07895   397718.26
3767291.08   11.68545
         396558.26   3767331.08   8.26376   396598.26
3767331.08   9.10177
         396638.26   3767331.08   10.04807   396678.26
3767331.08   11.22928
         396718.26   3767331.08   12.64417   396758.26
3767331.08   13.39306
         396798.26   3767331.08   14.18867   396838.26
3767331.08   15.83944
         396878.26   3767331.08   17.19364   396918.26
3767331.08   17.09482
         396958.26   3767331.08   17.16588   396998.26
3767331.08   17.23419
         397038.26   3767331.08   21.14746   397078.26
3767331.08   36.45778
         397118.26   3767331.08   51.45780   397158.26
3767331.08   54.02483

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397198.26   3767331.08   51.89680   397238.26
3767331.08   47.90490
         397278.26   3767331.08   38.96489   397318.26
3767331.08   27.73814

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         397358.26    3767331.08       25.93809                    397398.26
3767331.08       25.65987
         397438.26    3767331.08       23.74632                    397478.26
3767331.08       21.10306
         397518.26    3767331.08       18.58900                    397558.26
3767331.08       16.50471
         397598.26    3767331.08       14.87237                    397638.26
3767331.08       13.34640
         397678.26    3767331.08       11.95168                    397718.26
3767331.08       10.86364
         396558.26    3767371.08        7.72036                    396598.26
3767371.08        8.51064
         396638.26    3767371.08        9.60589                    396678.26
3767371.08       10.94826
         396718.26    3767371.08       12.31956                    396758.26
3767371.08       12.89261
         396798.26    3767371.08       12.96882                    396838.26
3767371.08       13.63060
         396878.26    3767371.08       14.53649                    396918.26
3767371.08       14.33359
         396958.26    3767371.08       14.32674                    396998.26
3767371.08       14.37283
         397038.26    3767371.08       16.54003                    397078.26
3767371.08       25.27866
         397118.26    3767371.08       32.26051                    397158.26
3767371.08       43.81492
         397198.26    3767371.08       39.04304                    397238.26
3767371.08       31.66364
         397278.26    3767371.08       28.46988                    397318.26
3767371.08       25.49997
         397358.26    3767371.08       23.55636                    397398.26
3767371.08       23.16578
         397438.26    3767371.08       21.51304                    397478.26
3767371.08       19.63615
         397518.26    3767371.08       18.03443                    397558.26
3767371.08       16.47768
         397598.26    3767371.08       14.69775                    397638.26
3767371.08       13.00890
         397678.26    3767371.08       11.37677                    397718.26
3767371.08        9.91971
         396558.26    3767411.08        7.64910                    396598.26
3767411.08        8.41596
         396638.26    3767411.08        9.39098                    396678.26
3767411.08       10.23467
         396718.26    3767411.08       11.04528                    396758.26
3767411.08       11.49200
         396798.26    3767411.08       11.70407                    396838.26
3767411.08       11.92528
         396878.26    3767411.08       12.56540                    396918.26
3767411.08       12.57747
```

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         396958.26    3767411.08       12.36688                      396998.26
3767411.08       12.43166
         397038.26    3767411.08       14.90525                      397078.26
3767411.08       21.53807
         397118.26    3767411.08       25.83171                      397158.26
3767411.08       29.10954
         397198.26    3767411.08       28.56030                      397238.26
3767411.08       27.26677
         397278.26    3767411.08       25.88953                      397318.26
3767411.08       24.18260
         397358.26    3767411.08       22.13369                      397398.26
3767411.08       21.13478
         397438.26    3767411.08       19.91295                      397478.26
3767411.08       18.37618
         397518.26    3767411.08       16.85142                      397558.26
3767411.08       15.55643
         397598.26    3767411.08       14.21850                      397638.26
3767411.08       12.76525
         397678.26    3767411.08       11.43630                      397718.26
3767411.08        9.85318
         396558.26    3767451.08        7.25650                      396598.26
3767451.08        7.81449
         396638.26    3767451.08        8.55883                      396678.26
3767451.08        9.35073
         396718.26    3767451.08       10.00608                      396758.26
3767451.08       10.44894
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                   PAGE  37
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396798.26    3767451.08       10.40525                      396838.26
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3767451.08       10.71311
         396878.26    3767451.08       10.96594                    396918.26
3767451.08       10.97174
         396958.26    3767451.08       11.10319                    396998.26
3767451.08       11.29301
         397038.26    3767451.08       13.72931                    397078.26
3767451.08       17.39983
         397118.26    3767451.08       21.06244                    397158.26
3767451.08       24.76258
         397198.26    3767451.08       24.00045                    397238.26
3767451.08       24.59124
         397278.26    3767451.08       23.35143                    397318.26
3767451.08       22.46205
         397358.26    3767451.08       21.22164                    397398.26
3767451.08       19.66486
         397438.26    3767451.08       18.25620                    397478.26
3767451.08       17.23001
         397518.26    3767451.08       15.86689                    397558.26
3767451.08       14.57571
         397598.26    3767451.08       13.27675                    397638.26
3767451.08       12.24841
         397678.26    3767451.08       11.09480                    397718.26
3767451.08        9.73159
         396558.26    3767491.08        6.71438                    396598.26
3767491.08        7.30197
         396638.26    3767491.08        7.95550                    396678.26
3767491.08        8.43595
         396718.26    3767491.08        8.92665                    396758.26
3767491.08        9.25231
         396798.26    3767491.08        9.53413                    396838.26
3767491.08       10.09622
         396878.26    3767491.08       10.19615                    396918.26
3767491.08       10.18889
         396958.26    3767491.08       10.23757                    396998.26
3767491.08       10.34689
         397038.26    3767491.08       12.69969                    397078.26
3767491.08       14.76779
         397118.26    3767491.08       17.86914                    397158.26
3767491.08       21.11364
         397198.26    3767491.08       21.54524                    397238.26
3767491.08       21.93823
         397278.26    3767491.08       21.73566                    397318.26
3767491.08       20.73398
         397358.26    3767491.08       19.79560                    397398.26
3767491.08       18.58584
         397438.26    3767491.08       16.99585                    397478.26
3767491.08       15.94674
         397518.26    3767491.08       15.01930                    397558.26
3767491.08       13.89255
         397598.26    3767491.08       12.42079                    397638.26
```

3767491.08   11.37538
         397678.26   3767491.08   10.34208   397718.26
3767491.08   9.41137
         396558.26   3767531.08   6.48939   396598.26
3767531.08   7.03305
         396638.26   3767531.08   7.58942   396678.26
3767531.08   7.87006
         396718.26   3767531.08   8.08046   396758.26
3767531.08   8.66034
         396798.26   3767531.08   9.15516   396838.26
3767531.08   9.39305
         396878.26   3767531.08   9.44649   396918.26
3767531.08   9.62642
         396958.26   3767531.08   9.74049   396998.26
3767531.08   10.20656
         397038.26   3767531.08   12.02816   397078.26
3767531.08   13.34529
         397118.26   3767531.08   16.07908   397158.26
3767531.08   18.35350
         397198.26   3767531.08   19.96044   397238.26
3767531.08   19.37896
         397278.26   3767531.08   19.88895   397318.26
3767531.08   19.07066
         397358.26   3767531.08   18.16344   397398.26
3767531.08   17.26118
         397438.26   3767531.08   16.29769   397478.26
3767531.08   14.95038
         397518.26   3767531.08   13.96992   397558.26
3767531.08   12.87908

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC

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 - - -
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3766771.08	7.60454	396598.26	3766771.08	7.95582
396638.26	3766771.08	8.30072	396678.26	3766771.08	8.49008
396718.26	3766771.08	9.12973	396758.26	3766771.08	9.73189
396798.26	3766771.08	10.50791	396838.26	3766771.08	11.28040
396878.26	3766771.08	11.89178	396918.26	3766771.08	12.32362
396958.26	3766771.08	12.91509	396998.26	3766771.08	13.49144
397038.26	3766771.08	13.92639	397078.26	3766771.08	14.19110
397118.26	3766771.08	14.25341	397158.26	3766771.08	14.10750
397198.26	3766771.08	13.83124	397238.26	3766771.08	13.42875
397278.26	3766771.08	12.91148	397318.26	3766771.08	12.30298
397358.26	3766771.08	11.62618	397398.26		

3766771.08 10.92122
397438.26 3766771.08 10.20054 397478.26
3766771.08 9.49246
397518.26 3766771.08 8.80984 397558.26
3766771.08 8.16203
397598.26 3766771.08 7.58519 397638.26
3766771.08 7.16285
397678.26 3766771.08 6.73537 397718.26
3766771.08 6.30502
396558.26 3766811.08 8.53093 396598.26
3766811.08 8.99651
396638.26 3766811.08 9.49736 396678.26
3766811.08 9.94370
396718.26 3766811.08 10.21104 396758.26
3766811.08 10.90709
396798.26 3766811.08 11.66978 396838.26
3766811.08 12.67272
396878.26 3766811.08 13.60957 396918.26
3766811.08 14.32947
396958.26 3766811.08 14.98409 396998.26
3766811.08 15.78394
397038.26 3766811.08 16.38454 397078.26
3766811.08 16.74678
397118.26 3766811.08 16.88253 397158.26
3766811.08 16.73513
397198.26 3766811.08 16.30917 397238.26
3766811.08 15.68352
397278.26 3766811.08 14.93365 397318.26
3766811.08 14.10626
397358.26 3766811.08 13.21844 397398.26
3766811.08 12.29928
397438.26 3766811.08 11.38046 397478.26
3766811.08 10.49384
397518.26 3766811.08 9.65234 397558.26
3766811.08 8.89331
397598.26 3766811.08 8.33521 397638.26
3766811.08 7.77741
397678.26 3766811.08 7.22476 397718.26
3766811.08 6.68358
396558.26 3766851.08 9.28309 396598.26
3766851.08 10.04078
396638.26 3766851.08 10.78687 396678.26
3766851.08 11.42463
396718.26 3766851.08 11.98891 396758.26
3766851.08 12.43500
396798.26 3766851.08 13.33512 396838.26
3766851.08 14.34113
396878.26 3766851.08 15.64370 396918.26
3766851.08 16.77899
396958.26 3766851.08 17.60400 396998.26

3766851.08   18.74083
         397038.26   3766851.08   19.59203   397078.26
3766851.08   20.14040
         397118.26   3766851.08   20.33364   397158.26
3766851.08   20.11957
         397198.26   3766851.08   19.52887   397238.26
3766851.08   18.67632
         397278.26   3766851.08   17.59859   397318.26
3766851.08   16.36718

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397358.26   3766851.08   15.15050   397398.26
3766851.08   13.93516
         397438.26   3766851.08   12.75377   397478.26
3766851.08   11.63175
         397518.26   3766851.08   10.59569   397558.26
3766851.08   9.84082
         397598.26   3766851.08   9.09632   397638.26
3766851.08   8.36917
         397678.26   3766851.08   7.66824   397718.26
3766851.08   7.06869
         396558.26   3766891.08   9.69609   396598.26
3766891.08   10.79710

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3766891.08       13.15280
         396718.26    3766891.08       14.07207                    396758.26
3766891.08       14.81255
         396798.26    3766891.08       15.59931                    396838.26
3766891.08       16.75318
         396878.26    3766891.08       18.11946                    396918.26
3766891.08       19.77554
         396958.26    3766891.08       21.19314                    396998.26
3766891.08       22.66153
         397038.26    3766891.08       23.93734                    397078.26
3766891.08       24.81850
         397118.26    3766891.08       25.03993                    397158.26
3766891.08       24.60321
         397198.26    3766891.08       23.80825                    397238.26
3766891.08       22.54250
         397278.26    3766891.08       21.02714                    397318.26
3766891.08       19.36035
         397358.26    3766891.08       17.59949                    397398.26
3766891.08       15.90004
         397438.26    3766891.08       14.34612                    397478.26
3766891.08       12.91839
         397518.26    3766891.08       11.83011                    397558.26
3766891.08       10.80962
         397598.26    3766891.08        9.82953                    397638.26
3766891.08        8.95541
         397678.26    3766891.08        8.19772                    397718.26
3766891.08        7.48810
         396558.26    3766931.08        9.69059                    396598.26
3766931.08       11.11796
         396638.26    3766931.08       12.77543                    396678.26
3766931.08       14.46953
         396718.26    3766931.08       16.20290                    396758.26
3766931.08       17.71625
         396798.26    3766931.08       18.85986                    396838.26
3766931.08       20.16126
         396878.26    3766931.08       21.74337                    396918.26
3766931.08       23.55490
         396958.26    3766931.08       25.92918                    396998.26
3766931.08       28.13107
         397038.26    3766931.08       30.20913                    397078.26
3766931.08       31.46285
         397118.26    3766931.08       31.73490                    397158.26
3766931.08       31.04715
         397198.26    3766931.08       29.67746                    397238.26
3766931.08       27.76374
         397278.26    3766931.08       25.48376                    397318.26
3766931.08       23.09834
         397358.26    3766931.08       20.74624                    397398.26
3766931.08       18.39352
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         397438.26    3766931.08       16.24131                       397478.26
3766931.08       14.55196
         397518.26    3766931.08       13.11758                       397558.26
3766931.08       11.77509
         397598.26    3766931.08       10.65199                       397638.26
3766931.08        9.62185
         397678.26    3766931.08        8.66278                       397718.26
3766931.08        7.80887
         396558.26    3766971.08        9.35692                       396598.26
3766971.08       10.85160
         396638.26    3766971.08       12.82599                       396678.26
3766971.08       15.08915
         396718.26    3766971.08       17.64366                       396758.26
3766971.08       20.32973
         396798.26    3766971.08       22.90002                       396838.26
3766971.08       25.04945
         396878.26    3766971.08       27.10172                       396918.26
3766971.08       29.52301
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA     ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396958.26    3766971.08       32.41893                       396998.26
3766971.08       36.29692
         397038.26    3766971.08       39.69416                       397078.26
```

3766971.08 41.50109
397118.26 3766971.08 41.65811 397158.26
3766971.08 40.33217
397198.26 3766971.08 37.97653 397238.26
3766971.08 34.94940
397278.26 3766971.08 31.52043 397318.26
3766971.08 28.01054
397358.26 3766971.08 24.51298 397398.26
3766971.08 21.34140
397438.26 3766971.08 18.57697 397478.26
3766971.08 16.36510
397518.26 3766971.08 14.53167 397558.26
3766971.08 12.90284
397598.26 3766971.08 11.46846 397638.26
3766971.08 10.28929
397678.26 3766971.08 9.21821 397718.26
3766971.08 8.25717
396558.26 3767011.08 8.91657 396598.26
3767011.08 10.38812
396638.26 3767011.08 12.23956 396678.26
3767011.08 14.76000
396718.26 3767011.08 17.97034 396758.26
3767011.08 21.82792
396798.26 3767011.08 26.18449 396838.26
3767011.08 30.76918
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3767011.08 38.73798
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3767011.08 49.37023
397038.26 3767011.08 55.38045 397078.26
3767011.08 58.04193
397118.26 3767011.08 57.52174 397158.26
3767011.08 54.65090
397198.26 3767011.08 50.43094 397238.26
3767011.08 45.40211
397278.26 3767011.08 40.03183 397318.26
3767011.08 34.60415
397358.26 3767011.08 29.33500 397398.26
3767011.08 28.48393
397438.26 3767011.08 21.49947 397478.26
3767011.08 18.48707
397518.26 3767011.08 16.22443 397558.26
3767011.08 14.26194
397598.26 3767011.08 12.51849 397638.26
3767011.08 10.99628
397678.26 3767011.08 9.68142 397718.26
3767011.08 8.64028
396558.26 3767051.08 8.54827 396598.26
3767051.08 9.76853
396638.26 3767051.08 11.51526 396678.26

3767051.08   13.92776
         396718.26   3767051.08   17.07039   396758.26
3767051.08   21.58707
         396798.26   3767051.08   27.62311   396838.26
3767051.08   35.10223
         396878.26   3767051.08   43.68570   396918.26
3767051.08   52.85870
         396958.26   3767051.08   62.70023   396998.26
3767051.08   74.15304
         397038.26   3767051.08   86.75767   397078.26
3767051.08   89.52584
         397118.26   3767051.08   85.77656   397158.26
3767051.08   78.85064
         397198.26   3767051.08   70.62063   397238.26
3767051.08   61.76422
         397278.26   3767051.08   52.86177   397318.26
3767051.08   44.00350
         397358.26   3767051.08   35.84680   397398.26
3767051.08   32.40833
         397438.26   3767051.08   25.87262   397478.26
3767051.08   21.55351
         397518.26   3767051.08   18.16806   397558.26
3767051.08   15.48483
         397598.26   3767051.08   13.26433   397638.26
3767051.08   11.59769
         397678.26   3767051.08   10.25601   397718.26
3767051.08   9.14621

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF NO2   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3767091.08	8.80530	396598.26	3767091.08	10.02008
396638.26	3767091.08	11.46147	396678.26	3767091.08	13.30397
396718.26	3767091.08	15.84923	396758.26	3767091.08	19.97747
396798.26	3767091.08	25.95914	396838.26	3767091.08	35.62500
396878.26	3767091.08	49.60496	396918.26	3767091.08	67.92863
396958.26	3767091.08	93.26647	396998.26	3767091.08	141.08937
397078.26	3767091.08	169.21155	397118.26	3767091.08	147.83549
397158.26	3767091.08	127.08010	397198.26	3767091.08	108.08563
397238.26	3767091.08	90.77720	397278.26	3767091.08	74.72144
397318.26	3767091.08	58.84896	397358.26	3767091.08	45.31051
397398.26	3767091.08	37.92698	397438.26	3767091.08	32.70106
397478.26	3767091.08	28.73540	397518.26	3767091.08	23.91535
397558.26	3767091.08	21.30494	397598.26	3767091.08	15.00726
397638.26	3767091.08	12.64472	397678.26	3767091.08	11.13055
397718.26	3767091.08	9.88803	396558.26	3767131.08	9.37523
396598.26	3767131.08	10.69264	396638.26	3767131.08	12.30466
396678.26	3767131.08	14.25202	396718.26	3767131.08	16.97990
396758.26	3767131.08	20.83357	396798.26	3767131.08	26.27628
396838.26	3767131.08	34.48490	396878.26	3767131.08	50.02935
396918.26	3767131.08	79.87684	396958.26	3767131.08	148.04553
397238.26	3767131.08	160.24892	397278.26	3767131.08	124.65955
397318.26	3767131.08	89.97604	397358.26	3767131.08	63.31708

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3767131.08       38.25339
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3767131.08       28.63625
         397558.26    3767131.08       24.08731                       397598.26
3767131.08       19.11195
         397638.26    3767131.08       13.67811                       397678.26
3767131.08       11.84599
         397718.26    3767131.08       10.43082                       396558.26
3767171.08       10.28361
         396598.26    3767171.08       11.79358                       396638.26
3767171.08       13.68533
         396678.26    3767171.08       16.09475                       396718.26
3767171.08       19.21040
         396758.26    3767171.08       23.69710                       396798.26
3767171.08       30.37919
         396838.26    3767171.08       40.68304                       396878.26
3767171.08       58.79566
         396918.26    3767171.08       98.31775                       397438.26
3767171.08       44.70566
         397478.26    3767171.08       35.91023                       397518.26
3767171.08       27.88899
         397558.26    3767171.08       21.99193                       397598.26
3767171.08       17.17774
         397638.26    3767171.08       14.18888                       397678.26
3767171.08       12.26432
         397718.26    3767171.08       10.70637                       396558.26
3767211.08       11.29593
         396598.26    3767211.08       13.02860                       396638.26
3767211.08       15.18997
         396678.26    3767211.08       17.95366                       396718.26
3767211.08       21.40590
         396758.26    3767211.08       26.08796                       396798.26
3767211.08       32.89831
         396838.26    3767211.08       43.10900                       396878.26
3767211.08       58.55286
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                   PAGE  43
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
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                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396918.26    3767211.08       88.27572                     396958.26
3767211.08      142.15830
         397438.26    3767211.08       54.48041                     397478.26
3767211.08       43.22130
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3767211.08       23.39968
         397598.26    3767211.08       18.00764                     397638.26
3767211.08       15.18654
         397678.26    3767211.08       13.33424                     397718.26
3767211.08       11.28795
         396558.26    3767251.08       11.97647                     396598.26
3767251.08       13.77335
         396638.26    3767251.08       15.97340                     396678.26
3767251.08       18.70294
         396718.26    3767251.08       22.08380                     396758.26
3767251.08       26.15456
         396798.26    3767251.08       31.63668                     396838.26
3767251.08       39.04218
         396878.26    3767251.08       52.49406                     396918.26
3767251.08       71.40687
         396958.26    3767251.08       90.54334                     396998.26
3767251.08      114.11186
         397038.26    3767251.08      130.53490                     397078.26
3767251.08      167.56718
         397118.26    3767251.08      257.90944                     397318.26
3767251.08      104.60778
         397358.26    3767251.08       78.11883                     397398.26
3767251.08       72.19003
         397438.26    3767251.08       65.04263                     397478.26
3767251.08       53.40989
         397518.26    3767251.08       40.48291                     397558.26
3767251.08       31.84607
         397598.26    3767251.08       25.10690                     397638.26
3767251.08       18.15535
         397678.26    3767251.08       15.23014                     397718.26
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         396798.26    3767291.08       28.90562                       396838.26
3767291.08       35.92259
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3767291.08       57.65717
         396958.26    3767291.08       65.05639                       396998.26
3767291.08       71.20866
         397038.26    3767291.08       72.60480                       397078.26
3767291.08       80.56662
         397118.26    3767291.08      115.31683                       397158.26
3767291.08      212.76078
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         397358.26    3767291.08       75.61010                       397398.26
3767291.08       69.76444
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3767291.08       58.46907
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3767291.08       30.66177
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3767291.08       14.56344
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3767331.08       29.57276
         396638.26    3767331.08       29.50284                       396678.26
3767331.08       22.51125
         396718.26    3767331.08       19.57147                       396758.26
3767331.08       22.57541
         396798.26    3767331.08       26.63183                       396838.26
3767331.08       31.42180
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3767331.08       47.31917
         396958.26    3767331.08       54.54213                       396998.26
3767331.08       59.84405
         397038.26    3767331.08       64.13026                       397078.26
3767331.08       66.66306
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3767331.08      102.78651
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       13:52:36
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397198.26	3767331.08	111.21237	397238.26	3767331.08	99.75096
397278.26	3767331.08	86.58091	397318.26	3767331.08	77.96353
397358.26	3767331.08	70.55102	397398.26	3767331.08	64.56867
397438.26	3767331.08	59.58074	397478.26	3767331.08	55.26787
397518.26	3767331.08	51.39040	397558.26	3767331.08	47.83195
397598.26	3767331.08	44.76706	397638.26	3767331.08	40.38226
397678.26	3767331.08	27.77224	397718.26	3767331.08	17.95703
396558.26	3767371.08	29.40763	396598.26	3767371.08	27.26264
396638.26	3767371.08	25.24991	396678.26	3767371.08	18.98817
396718.26	3767371.08	18.23761	396758.26	3767371.08	20.79910
396798.26	3767371.08	23.65251	396838.26	3767371.08	26.71604
396878.26	3767371.08	30.31709	396918.26	3767371.08	39.65018
396958.26	3767371.08	47.56348	396998.26	3767371.08	51.52949

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         397038.26    3767371.08       55.44765                    397078.26
3767371.08       56.54061
         397118.26    3767371.08       61.72717                    397158.26
3767371.08       70.65317
         397198.26    3767371.08       78.82387                    397238.26
3767371.08       74.10970
         397278.26    3767371.08       68.05266                    397318.26
3767371.08       68.96946
         397358.26    3767371.08       65.09233                    397398.26
3767371.08       59.10090
         397438.26    3767371.08       55.32229                    397478.26
3767371.08       52.08369
         397518.26    3767371.08       48.89750                    397558.26
3767371.08       45.93681
         397598.26    3767371.08       43.15218                    397638.26
3767371.08       40.48557
         397678.26    3767371.08       36.94129                    397718.26
3767371.08       25.92017
         396558.26    3767411.08       28.58702                    396598.26
3767411.08       24.65652
         396638.26    3767411.08       18.17874                    396678.26
3767411.08       16.03590
         396718.26    3767411.08       16.77400                    396758.26
3767411.08       18.60834
         396798.26    3767411.08       20.52173                    396838.26
3767411.08       22.46740
         396878.26    3767411.08       26.31999                    396918.26
3767411.08       32.42017
         396958.26    3767411.08       41.54247                    396998.26
3767411.08       46.05690
         397038.26    3767411.08       48.43516                    397078.26
3767411.08       49.33891
         397118.26    3767411.08       52.81331                    397158.26
3767411.08       59.84518
         397198.26    3767411.08       66.20504                    397238.26
3767411.08       62.99819
         397278.26    3767411.08       57.67770                    397318.26
3767411.08       58.77557
         397358.26    3767411.08       57.83543                    397398.26
3767411.08       54.30794
         397438.26    3767411.08       51.43038                    397478.26
3767411.08       48.68236
         397518.26    3767411.08       46.06964                    397558.26
3767411.08       43.92541
         397598.26    3767411.08       41.57751                    397638.26
3767411.08       39.25228
         397678.26    3767411.08       37.03470                    397718.26
3767411.08       33.36528
         396558.26    3767451.08       26.18028                    396598.26
3767451.08       23.40630
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	17.88739	396838.26	3767451.08	20.02632
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396958.26	3767451.08	36.52985	396998.26	3767451.08	41.42719
397038.26	3767451.08	45.09597	397078.26	3767451.08	46.12904
397118.26	3767451.08	48.30863	397158.26	3767451.08	53.06939
397198.26	3767451.08	57.28372	397238.26	3767451.08	55.33773
397278.26	3767451.08	51.41619	397318.26	3767451.08	51.76268
397358.26	3767451.08	51.97261	397398.26	3767451.08	50.07513
397438.26	3767451.08	47.86361	397478.26		

3767451.08 45.74463
397518.26 3767451.08 43.59904 397558.26
3767451.08 41.55209
397598.26 3767451.08 39.71816 397638.26
3767451.08 37.92851
397678.26 3767451.08 35.91908 397718.26
3767451.08 33.80412
396558.26 3767491.08 23.78684 396598.26
3767491.08 22.25976
396638.26 3767491.08 22.68573 396678.26
3767491.08 23.73656
396718.26 3767491.08 21.09494 396758.26
3767491.08 14.77245
396798.26 3767491.08 16.04393 396838.26
3767491.08 17.92203
396878.26 3767491.08 20.40502 396918.26
3767491.08 23.65706
396958.26 3767491.08 30.93886 396998.26
3767491.08 37.53318
397038.26 3767491.08 41.68892 397078.26
3767491.08 43.30165
397118.26 3767491.08 44.96257 397158.26
3767491.08 48.18310
397198.26 3767491.08 50.66604 397238.26
3767491.08 49.26358
397278.26 3767491.08 46.82300 397318.26
3767491.08 46.20759
397358.26 3767491.08 46.52606 397398.26
3767491.08 46.70730
397438.26 3767491.08 44.84467 397478.26
3767491.08 42.88722
397518.26 3767491.08 41.11151 397558.26
3767491.08 39.53231
397598.26 3767491.08 38.06520 397638.26
3767491.08 36.30350
397678.26 3767491.08 34.64228 397718.26
3767491.08 32.95432
396558.26 3767531.08 23.81669 396598.26
3767531.08 24.08560
396638.26 3767531.08 27.43330 396678.26
3767531.08 27.85444
396718.26 3767531.08 22.81911 396758.26
3767531.08 13.20995
396798.26 3767531.08 14.58645 396838.26
3767531.08 16.04478
396878.26 3767531.08 17.99745 396918.26
3767531.08 20.06200
396958.26 3767531.08 25.15032 396998.26
3767531.08 32.57480
397038.26 3767531.08 38.02692 397078.26

3767531.08   40.89215
         397118.26   3767531.08   42.11059   397158.26
3767531.08   44.28172
         397198.26   3767531.08   45.83150   397238.26
3767531.08   44.66309
         397278.26   3767531.08   43.26035   397318.26
3767531.08   42.18976
         397358.26   3767531.08   41.64155   397398.26
3767531.08   43.09058
         397438.26   3767531.08   41.75110   397478.26
3767531.08   40.13690
         397518.26   3767531.08   38.77170   397558.26
3767531.08   37.55354

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397598.26   3767531.08   36.32476   397638.26
3767531.08   34.80355
         397678.26   3767531.08   33.23047   397718.26
3767531.08   31.85026
         397320.82   3767219.11   128.52367   397330.82
3767209.11   120.56411
         397340.82   3767189.11   113.10354   397340.82
3767199.11   109.93360

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         397340.82    3767209.11      106.28835                      397350.82
3767189.11       96.98546
         397350.82    3767199.11       96.77285                      397360.82
3767189.11       84.60226
         397360.82    3767199.11       86.22525                      397370.82
3767189.11       74.66527
         397380.82    3767189.11       67.06767                      396920.42
3767167.32      100.86562
         396989.95    3767243.54      124.22603                      397044.10
3767223.97      255.48181
         397113.57    3767239.93      271.57362                      397158.63
3767280.29      231.87618
         397168.95    3767307.05      166.98208                      397244.05
3767296.72      163.87912
         397260.95    3767278.88      166.89693                      397409.74
3767205.66       57.79127
         397422.89    3767189.23       50.71052                      397426.64
3767180.78       48.94496
         397420.54    3767170.46       48.48477                      397318.68
3767160.13      150.70024
         397022.98    3767083.62      148.99413                      396943.60
3767192.73      136.68019
         396966.77    3767218.13      143.37325                      397017.03
3767233.75      197.78528
         397078.83    3767231.95      264.79878                      397136.10
3767260.11      251.83711
         397206.50    3767301.88      172.25281                      397298.15
3767260.58      120.87239
         397335.34    3767242.27       93.37883                      397372.54
3767223.96       73.83441
         397386.59    3767167.02       62.09095                      397352.63
3767163.57       90.63042
         397276.44    3767149.20      187.88399                      397234.19
3767138.27      190.74355
         397191.95    3767127.34      200.25620                      397149.71
3767116.41      208.03698
         397107.47    3767105.48      205.59101                      397065.22
3767094.55      189.15790
         396988.79    3767111.52      160.86833                      396954.61
3767139.42      159.39327
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                  PAGE  47
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
```

```
                                INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3766771.08       11.33119                      396598.26
3766771.08       12.03680
         396638.26    3766771.08       13.18467                      396678.26
3766771.08       15.27553
         396718.26    3766771.08       17.41737                      396758.26
3766771.08       19.15250
         396798.26    3766771.08       20.36020                      396838.26
3766771.08       22.03280
         396878.26    3766771.08       23.06792                      396918.26
3766771.08       24.46770
         396958.26    3766771.08       25.78518                      396998.26
3766771.08       26.18037
         397038.26    3766771.08       25.61331                      397078.26
3766771.08       24.21830
         397118.26    3766771.08       22.44863                      397158.26
3766771.08       21.30977
         397198.26    3766771.08       20.80256                      397238.26
3766771.08       20.20388
         397278.26    3766771.08       20.34058                      397318.26
3766771.08       20.02352
         397358.26    3766771.08       20.10007                      397398.26
3766771.08       20.16639
         397438.26    3766771.08       20.25047                      397478.26
3766771.08       19.21044
         397518.26    3766771.08       17.94179                      397558.26
3766771.08       17.32428
         397598.26    3766771.08       16.72937                      397638.26
3766771.08       15.67480
         397678.26    3766771.08       14.64139                      397718.26
3766771.08       13.59858
         396558.26    3766811.08       12.73529                      396598.26
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```
3766811.08       13.56262
         396638.26    3766811.08       14.84511                       396678.26
3766811.08       16.30044
         396718.26    3766811.08       18.18809                       396758.26
3766811.08       19.90762
         396798.26    3766811.08       21.92919                       396838.26
3766811.08       23.98487
         396878.26    3766811.08       25.71413                       396918.26
3766811.08       26.74909
         396958.26    3766811.08       28.67111                       396998.26
3766811.08       29.44140
         397038.26    3766811.08       29.10167                       397078.26
3766811.08       27.78629
         397118.26    3766811.08       26.05775                       397158.26
3766811.08       25.13268
         397198.26    3766811.08       24.10325                       397238.26
3766811.08       23.47343
         397278.26    3766811.08       23.12671                       397318.26
3766811.08       22.92094
         397358.26    3766811.08       23.02421                       397398.26
3766811.08       23.31057
         397438.26    3766811.08       22.30016                       397478.26
3766811.08       20.97529
         397518.26    3766811.08       20.60585                       397558.26
3766811.08       20.05643
         397598.26    3766811.08       18.93244                       397638.26
3766811.08       17.57738
         397678.26    3766811.08       16.48731                       397718.26
3766811.08       15.20939
         396558.26    3766851.08       13.74786                       396598.26
3766851.08       15.02657
         396638.26    3766851.08       16.30898                       396678.26
3766851.08       17.73513
         396718.26    3766851.08       19.10001                       396758.26
3766851.08       20.75750
         396798.26    3766851.08       23.44230                       396838.26
3766851.08       25.89372
         396878.26    3766851.08       28.39699                       396918.26
3766851.08       29.90284
         396958.26    3766851.08       31.53303                       396998.26
3766851.08       32.98494
         397038.26    3766851.08       32.89639                       397078.26
3766851.08       32.07554
         397118.26    3766851.08       30.34581                       397158.26
3766851.08       29.20439
         397198.26    3766851.08       28.10857                       397238.26
3766851.08       27.94899
         397278.26    3766851.08       27.59286                       397318.26
3766851.08       26.52572
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
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 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                 ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

```
         397038.26    3766891.08       37.45992                    397078.26
3766891.08       37.63046
         397118.26    3766891.08       35.81738                    397158.26
3766891.08       33.45842
         397198.26    3766891.08       33.77348                    397238.26
3766891.08       33.77145
         397278.26    3766891.08       33.37841                    397318.26
3766891.08       32.74921
         397358.26    3766891.08       31.48923                    397398.26
3766891.08       30.40442
         397438.26    3766891.08       29.72210                    397478.26
3766891.08       28.43708
         397518.26    3766891.08       26.90156                    397558.26
3766891.08       25.08684
         397598.26    3766891.08       23.60418                    397638.26
3766891.08       21.73790
         397678.26    3766891.08       19.65860                    397718.26
3766891.08       17.40126
         396558.26    3766931.08       14.23880                    396598.26
3766931.08       16.20787
         396638.26    3766931.08       18.67783                    396678.26
3766931.08       21.15064
         396718.26    3766931.08       23.72073                    396758.26
3766931.08       25.90968
         396798.26    3766931.08       27.97483                    396838.26
3766931.08       29.72089
         396878.26    3766931.08       33.46633                    396918.26
3766931.08       36.83252
         396958.26    3766931.08       39.55932                    396998.26
3766931.08       41.98538
         397038.26    3766931.08       44.39381                    397078.26
3766931.08       44.82664
         397118.26    3766931.08       43.20061                    397158.26
3766931.08       40.93091
         397198.26    3766931.08       41.72315                    397238.26
3766931.08       41.59923
         397278.26    3766931.08       40.33541                    397318.26
3766931.08       39.54107
         397358.26    3766931.08       38.59780                    397398.26
3766931.08       36.90439
         397438.26    3766931.08       34.20916                    397478.26
3766931.08       31.81250
         397518.26    3766931.08       30.14476                    397558.26
3766931.08       27.97385
         397598.26    3766931.08       25.57309                    397638.26
3766931.08       22.89617
         397678.26    3766931.08       20.28915                    397718.26
3766931.08       17.76998
         396558.26    3766971.08       13.92350                    396598.26
3766971.08       16.17165
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): EG01 , EG08 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396958.26	3766971.08	45.89902	396998.26	3766971.08	49.65016
397038.26	3766971.08	53.82016	397078.26	3766971.08	54.46761
397118.26	3766971.08	54.80499	397158.26	3766971.08	60.11744
397198.26	3766971.08	56.88554	397238.26	3766971.08	54.07202
397278.26	3766971.08	50.13676	397318.26	3766971.08	47.36775
397358.26	3766971.08	45.67324	397398.26	3766971.08	42.86074
397438.26	3766971.08	39.31205	397478.26		

3766971.08 36.02255
397518.26 3766971.08 33.01689 397558.26
3766971.08 29.75434
397598.26 3766971.08 26.43415 397638.26
3766971.08 23.09713
397678.26 3766971.08 20.09211 397718.26
3766971.08 17.72904
396558.26 3767011.08 13.01916 396598.26
3767011.08 15.14434
396638.26 3767011.08 18.24157 396678.26
3767011.08 21.71365
396718.26 3767011.08 25.50215 396758.26
3767011.08 29.49238
396798.26 3767011.08 34.27943 396838.26
3767011.08 39.63842
396878.26 3767011.08 44.75180 396918.26
3767011.08 48.66639
396958.26 3767011.08 54.27285 396998.26
3767011.08 61.26727
397038.26 3767011.08 67.36187 397078.26
3767011.08 77.96576
397118.26 3767011.08 82.37399 397158.26
3767011.08 86.72198
397198.26 3767011.08 96.08278 397238.26
3767011.08 89.96362
397278.26 3767011.08 72.47225 397318.26
3767011.08 55.88887
397358.26 3767011.08 54.45414 397398.26
3767011.08 53.62511
397438.26 3767011.08 43.09878 397478.26
3767011.08 38.82182
397518.26 3767011.08 34.18711 397558.26
3767011.08 29.89581
397598.26 3767011.08 26.32864 397638.26
3767011.08 23.04087
397678.26 3767011.08 20.26949 397718.26
3767011.08 18.10543
396558.26 3767051.08 12.66499 396598.26
3767051.08 14.43710
396638.26 3767051.08 16.70790 396678.26
3767051.08 20.03321
396718.26 3767051.08 24.41908 396758.26
3767051.08 29.74930
396798.26 3767051.08 35.87130 396838.26
3767051.08 42.69488
396878.26 3767051.08 51.64699 396918.26
3767051.08 62.15508
396958.26 3767051.08 71.21266 396998.26
3767051.08 85.48972
397038.26 3767051.08 117.02866 397078.26

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396558.26   3767091.08   13.00610   396598.26
3767091.08   14.67186
         396638.26   3767091.08   16.76912   396678.26
3767091.08   19.33469

396718.26 3767091.08 22.68882 396758.26
3767091.08 27.10981
396798.26 3767091.08 33.97299 396838.26
3767091.08 44.25762
396878.26 3767091.08 57.17451 396918.26
3767091.08 74.40535
396958.26 3767091.08 97.84743 396998.26
3767091.08 145.83829
397078.26 3767091.08 169.33647 397118.26
3767091.08 149.34146
397158.26 3767091.08 132.14818 397198.26
3767091.08 121.79477
397238.26 3767091.08 114.77266 397278.26
3767091.08 105.15111
397318.26 3767091.08 88.12247 397358.26
3767091.08 63.32603
397398.26 3767091.08 60.89031 397438.26
3767091.08 54.77322
397478.26 3767091.08 49.35685 397518.26
3767091.08 41.98375
397558.26 3767091.08 37.76955 397598.26
3767091.08 29.25493
397638.26 3767091.08 25.14428 397678.26
3767091.08 22.37408
397718.26 3767091.08 19.80526 396558.26
3767131.08 14.21032
396598.26 3767131.08 16.10054 396638.26
3767131.08 18.16810
396678.26 3767131.08 20.37062 396718.26
3767131.08 23.23561
396758.26 3767131.08 27.40597 396798.26
3767131.08 33.35201
396838.26 3767131.08 41.68158 396878.26
3767131.08 57.02566
396918.26 3767131.08 84.91308 396958.26
3767131.08 149.98467
397238.26 3767131.08 160.38226 397278.26
3767131.08 125.51330
397318.26 3767131.08 98.45437 397358.26
3767131.08 78.05569
397398.26 3767131.08 65.85905 397438.26
3767131.08 57.60883
397478.26 3767131.08 56.69403 397518.26
3767131.08 48.64205
397558.26 3767131.08 42.21596 397598.26
3767131.08 34.11262
397638.26 3767131.08 25.56767 397678.26
3767131.08 22.49906
397718.26 3767131.08 19.68298 396558.26
3767171.08 15.26136

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         396598.26    3767171.08       17.29809                      396638.26
3767171.08       19.82655
         396678.26    3767171.08       22.69264                      396718.26
3767171.08       26.15410
         396758.26    3767171.08       30.96726                      396798.26
3767171.08       37.93878
         396838.26    3767171.08       48.64105                      396878.26
3767171.08       66.29081
         396918.26    3767171.08      100.37842                      397438.26
3767171.08       62.46568
         397478.26    3767171.08       54.20562                      397518.26
3767171.08       43.82774
         397558.26    3767171.08       35.90152                      397598.26
3767171.08       29.68422
         397638.26    3767171.08       24.65929                      397678.26
3767171.08       21.78556
         397718.26    3767171.08       19.03800                      396558.26
3767211.08       16.16591
         396598.26    3767211.08       18.48566                      396638.26
3767211.08       21.24376
         396678.26    3767211.08       24.59267                      396718.26
3767211.08       28.31552
         396758.26    3767211.08       33.33306                      396798.26
3767211.08       40.44488
         396838.26    3767211.08       51.31318                      396878.26
3767211.08       66.89878
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                  PAGE  51
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3
                  **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	90.35556	396958.26	3767211.08	142.34564
397438.26	3767211.08	79.65298	397478.26	3767211.08	66.44320
397518.26	3767211.08	49.34423	397558.26	3767211.08	38.84453
397598.26	3767211.08	30.65887	397638.26	3767211.08	26.53617
397678.26	3767211.08	23.67553	397718.26	3767211.08	20.44064
396558.26	3767251.08	16.84133	396598.26	3767251.08	19.25396
396638.26	3767251.08	22.08888	396678.26	3767251.08	25.44266
396718.26	3767251.08	29.26373	396758.26	3767251.08	33.71659
396798.26	3767251.08	39.63435	396838.26	3767251.08	47.22410
396878.26	3767251.08	57.86649	396918.26	3767251.08	80.13217
396958.26	3767251.08	97.73854	396998.26	3767251.08	117.73213
397038.26	3767251.08	130.74160	397078.26	3767251.08	167.71217
397118.26	3767251.08	258.04801	397318.26	3767251.08	126.02604
397358.26	3767251.08	103.74355	397398.26	3767251.08	92.75451
397438.26	3767251.08	82.63675	397478.26	3767251.08	73.78838
397518.26	3767251.08	59.92158	397558.26	3767251.08	49.86051
397598.26	3767251.08	39.94617	397638.26	3767251.08	31.31343
397678.26	3767251.08	26.61251	397718.26	3767251.08	22.61802
396558.26	3767291.08	29.65681	396598.26	3767291.08	26.18330
396638.26	3767291.08	28.03462	396678.26	3767291.08	27.83799
396718.26	3767291.08	28.30247	396758.26	3767291.08	31.29991
396798.26	3767291.08	35.25491	396838.26	3767291.08	41.18711
396878.26	3767291.08	53.18234	396918.26		

3767291.08   67.23558
         396958.26   3767291.08   76.67698   396998.26
3767291.08   83.77149
         397038.26   3767291.08   87.78647   397078.26
3767291.08   97.30851
         397118.26   3767291.08   115.42763   397158.26
3767291.08   212.88054
         397278.26   3767291.08   130.09361   397318.26
3767291.08   112.25915
         397358.26   3767291.08   98.98750   397398.26
3767291.08   85.04426
         397438.26   3767291.08   76.75787   397478.26
3767291.08   70.32465
         397518.26   3767291.08   63.74501   397558.26
3767291.08   58.26731
         397598.26   3767291.08   53.06866   397638.26
3767291.08   42.98026
         397678.26   3767291.08   29.44098   397718.26
3767291.08   24.57809
         396558.26   3767331.08   35.86459   396598.26
3767331.08   36.84890
         396638.26   3767331.08   37.65494   396678.26
3767331.08   31.08375
         396718.26   3767331.08   27.56286   396758.26
3767331.08   28.33920
         396798.26   3767331.08   31.96528   396838.26
3767331.08   36.45456
         396878.26   3767331.08   45.49113   396918.26
3767331.08   58.28426
         396958.26   3767331.08   65.17885   396998.26
3767331.08   68.22034
         397038.26   3767331.08   70.76521   397078.26
3767331.08   82.28247
         397118.26   3767331.08   104.02079   397158.26
3767331.08   124.57233

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015

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 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397198.26    3767331.08      135.69921                      397238.26
3767331.08      128.88529
         397278.26    3767331.08      115.02066                      397318.26
3767331.08       96.88897
         397358.26    3767331.08       86.50658                      397398.26
3767331.08       77.91489
         397438.26    3767331.08       72.37501                      397478.26
3767331.08       66.67576
         397518.26    3767331.08       60.41739                      397558.26
3767331.08       56.59393
         397598.26    3767331.08       52.64602                      397638.26
3767331.08       47.83111
         397678.26    3767331.08       37.92888                      397718.26
3767331.08       27.24798
         396558.26    3767371.08       34.97756                      396598.26
3767371.08       34.70717
         396638.26    3767371.08       33.92854                      396678.26
3767371.08       25.87284
         396718.26    3767371.08       24.16228                      396758.26
3767371.08       26.41555
         396798.26    3767371.08       28.80660                      396838.26
3767371.08       31.22297
         396878.26    3767371.08       35.14003                      396918.26
3767371.08       47.91439
         396958.26    3767371.08       55.01181                      396998.26
3767371.08       58.80048
         397038.26    3767371.08       59.78234                      397078.26
3767371.08       64.65904
         397118.26    3767371.08       74.85256                      397158.26
3767371.08       89.75633
         397198.26    3767371.08       95.29402                      397238.26
3767371.08       95.62479
         397278.26    3767371.08       93.67023                      397318.26
3767371.08       87.86278
         397358.26    3767371.08       78.44088                      397398.26
3767371.08       72.61249
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         397438.26    3767371.08       66.54690                      397478.26
3767371.08       61.31401
         397518.26    3767371.08       58.06620                      397558.26
3767371.08       54.60836
         397598.26    3767371.08       50.38367                      397638.26
3767371.08       46.51948
         397678.26    3767371.08       43.33847                      397718.26
3767371.08       33.99662
         396558.26    3767411.08       34.01619                      396598.26
3767411.08       32.00497
         396638.26    3767411.08       25.36333                      396678.26
3767411.08       21.36768
         396718.26    3767411.08       22.10494                      396758.26
3767411.08       23.65195
         396798.26    3767411.08       26.05083                      396838.26
3767411.08       27.94865
         396878.26    3767411.08       30.10530                      396918.26
3767411.08       38.63889
         396958.26    3767411.08       48.61690                      396998.26
3767411.08       50.64077
         397038.26    3767411.08       49.74783                      397078.26
3767411.08       55.18241
         397118.26    3767411.08       63.34713                      397158.26
3767411.08       73.25934
         397198.26    3767411.08       79.25762                      397238.26
3767411.08       82.07849
         397278.26    3767411.08       80.62761                      397318.26
3767411.08       80.43019
         397358.26    3767411.08       76.01398                      397398.26
3767411.08       66.54822
         397438.26    3767411.08       62.81525                      397478.26
3767411.08       58.41239
         397518.26    3767411.08       53.93878                      397558.26
3767411.08       50.96061
         397598.26    3767411.08       48.62689                      397638.26
3767411.08       45.85520
         397678.26    3767411.08       42.66109                      397718.26
3767411.08       38.26743
         396558.26    3767451.08       31.82239                      396598.26
3767451.08       30.06707
         396638.26    3767451.08       24.24199                      396678.26
3767451.08       22.17051
         396718.26    3767451.08       21.87772                      396758.26
3767451.08       22.39339
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       13:52:36
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 , L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	23.53774	396838.26	3767451.08	24.81029
396878.26	3767451.08	26.16026	396918.26	3767451.08	33.53470
396958.26	3767451.08	41.88715	396998.26	3767451.08	45.89837
397038.26	3767451.08	45.79265	397078.26	3767451.08	49.01878
397118.26	3767451.08	56.47483	397158.26	3767451.08	63.00697
397198.26	3767451.08	69.33883	397238.26	3767451.08	70.51452
397278.26	3767451.08	71.99193	397318.26	3767451.08	70.69805
397358.26	3767451.08	71.06719	397398.26	3767451.08	66.66326
397438.26	3767451.08	58.83564	397478.26	3767451.08	55.22323
397518.26	3767451.08	52.18814	397558.26	3767451.08	48.56610
397598.26	3767451.08	45.33787	397638.26	3767451.08	43.26392
397678.26	3767451.08	41.30343	397718.26	3767451.08	38.72305
396558.26	3767491.08	29.44097	396598.26	3767491.08	28.47606
396638.26	3767491.08	29.36587	396678.26		

3767491.08 30.01751
396718.26 3767491.08 26.99330 396758.26
3767491.08 20.31631
396798.26 3767491.08 21.03838 396838.26
3767491.08 21.67927
396878.26 3767491.08 23.30359 396918.26
3767491.08 29.12366
396958.26 3767491.08 35.52146 396998.26
3767491.08 41.14203
397038.26 3767491.08 41.70063 397078.26
3767491.08 44.12852
397118.26 3767491.08 51.23636 397158.26
3767491.08 55.17829
397198.26 3767491.08 61.57802 397238.26
3767491.08 62.02208
397278.26 3767491.08 64.66538 397318.26
3767491.08 63.85793
397358.26 3767491.08 63.23404 397398.26
3767491.08 63.43336
397438.26 3767491.08 59.28701 397478.26
3767491.08 52.70241
397518.26 3767491.08 48.86232 397558.26
3767491.08 46.81671
397598.26 3767491.08 43.95627 397638.26
3767491.08 41.12873
397678.26 3767491.08 38.63278 397718.26
3767491.08 36.84126
396558.26 3767531.08 28.74848 396598.26
3767531.08 29.41116
396638.26 3767531.08 31.18365 396678.26
3767531.08 32.75140
396718.26 3767531.08 28.57449 396758.26
3767531.08 18.08928
396798.26 3767531.08 18.54884 396838.26
3767531.08 19.81709
396878.26 3767531.08 22.10713 396918.26
3767531.08 24.76072
396958.26 3767531.08 28.99932 396998.26
3767531.08 35.31590
397038.26 3767531.08 38.06167 397078.26
3767531.08 41.13680
397118.26 3767531.08 47.54386 397158.26
3767531.08 50.82312
397198.26 3767531.08 55.15704 397238.26
3767531.08 57.32103
397278.26 3767531.08 57.49811 397318.26
3767531.08 58.56922
397358.26 3767531.08 56.88300 397398.26
3767531.08 57.92103
397438.26 3767531.08 56.36433 397478.26

3767531.08   52.69186
         397518.26   3767531.08   47.35469   397558.26
3767531.08   43.53899

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397598.26   3767531.08   42.33219   397638.26
3767531.08   39.94625
         397678.26   3767531.08   37.10715   397718.26
3767531.08   35.25858
         397320.82   3767219.11   137.02349   397330.82
3767209.11   131.84617
         397340.82   3767189.11   127.37079   397340.82
3767199.11   123.73253
         397340.82   3767209.11   122.48639   397350.82
3767189.11   114.95936
         397350.82   3767199.11   113.11961   397360.82
3767189.11   100.65684
         397360.82   3767199.11   97.31978   397370.82
3767189.11   83.29723
         397380.82   3767189.11   76.38881   396920.42
3767167.32   102.40781
         396989.95   3767243.54   124.38627   397044.10
3767223.97   255.62388

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         397113.57    3767239.93      271.70713                      397158.63
3767280.29      231.99216
         397168.95    3767307.05      167.09960                      397244.05
3767296.72      163.97134
         397260.95    3767278.88      167.34265                      397409.74
3767205.66       77.76483
         397422.89    3767189.23       68.40494                      397426.64
3767180.78       66.50301
         397420.54    3767170.46       65.58975                      397318.68
3767160.13      151.11119
         397022.98    3767083.62      157.26186                      396943.60
3767192.73      136.85515
         396966.77    3767218.13      143.56108                      397017.03
3767233.75      197.95245
         397078.83    3767231.95      264.93878                      397136.10
3767260.11      251.94944
         397206.50    3767301.88      172.34433                      397298.15
3767260.58      136.58575
         397335.34    3767242.27      116.50198                      397372.54
3767223.96       91.42787
         397386.59    3767167.02       75.72999                      397352.63
3767163.57      109.08175
         397276.44    3767149.20      188.02171                      397234.19
3767138.27      190.87665
         397191.95    3767127.34      200.38300                      397149.71
3767116.41      208.15724
         397107.47    3767105.48      205.71247                      397065.22
3767094.55      189.28420
         396988.79    3767111.52      163.37598                      396954.61
3767139.42      159.54301
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:52:36

                                   PAGE  55
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
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Y-COORD (M)        CONC
 - - -
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3766811.08   7.16167
         397278.26   3766811.08   7.35555   397318.26
3766811.08   7.43120
         397358.26   3766811.08   7.31604   397398.26
3766811.08   7.57692
         397438.26   3766811.08   7.80093   397478.26
3766811.08   7.09751
         397518.26   3766811.08   6.93300   397558.26
3766811.08   6.73472
         397598.26   3766811.08   6.76523   397638.26
3766811.08   6.11718
         397678.26   3766811.08   6.05596   397718.26
3766811.08   5.56284
         396558.26   3766851.08   5.90898   396598.26
3766851.08   6.80724
         396638.26   3766851.08   8.07979   396678.26
3766851.08   9.66877
         396718.26   3766851.08   11.31663   396758.26
3766851.08   12.92191
         396798.26   3766851.08   14.79835   396838.26
3766851.08   16.57281
         396878.26   3766851.08   17.99124   396918.26
3766851.08   19.03537
         396958.26   3766851.08   19.72566   396998.26
3766851.08   19.68009
         397038.26   3766851.08   18.41336   397078.26
3766851.08   16.60377
         397118.26   3766851.08   14.37131   397158.26
3766851.08   11.31442
         397198.26   3766851.08   9.47687   397238.26
3766851.08   9.15409
         397278.26   3766851.08   9.32909   397318.26
3766851.08   8.40095

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF NO2   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397358.26	3766851.08	8.99597	397398.26	3766851.08	9.05608
397438.26	3766851.08	8.30260	397478.26	3766851.08	8.39411
397518.26	3766851.08	8.26272	397558.26	3766851.08	7.88475
397598.26	3766851.08	7.53714	397638.26	3766851.08	7.49461
397678.26	3766851.08	6.35102	397718.26	3766851.08	5.58981
396558.26	3766891.08	5.76831	396598.26	3766891.08	6.81830
396638.26	3766891.08	8.17023	396678.26	3766891.08	9.76181
396718.26	3766891.08	11.38373	396758.26	3766891.08	13.28773
396798.26	3766891.08	15.13898	396838.26	3766891.08	17.27024
396878.26	3766891.08	19.28691	396918.26	3766891.08	20.26175
396958.26	3766891.08	21.51366	396998.26	3766891.08	21.77350
397038.26	3766891.08	20.76475	397078.26	3766891.08	19.44978
397118.26	3766891.08	16.87355	397158.26	3766891.08	13.63012
397198.26	3766891.08	11.84995	397238.26	3766891.08	11.84237
397278.26	3766891.08	10.93612	397318.26	3766891.08	11.15941
397358.26	3766891.08	10.73098	397398.26	3766891.08	9.87026
397438.26	3766891.08	9.76109	397478.26	3766891.08	10.21818
397518.26	3766891.08	9.24445	397558.26	3766891.08	9.55973
397598.26	3766891.08	8.51837	397638.26	3766891.08	7.47744
397678.26	3766891.08	6.70856	397718.26	3766891.08	6.16834
396558.26	3766931.08	5.56749	396598.26	3766931.08	6.40646
396638.26	3766931.08	7.88166	396678.26	3766931.08	9.53524

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         396718.26    3766931.08       11.52640                       396758.26
3766931.08       13.27164
         396798.26    3766931.08       15.51338                       396838.26
3766931.08       17.64653
         396878.26    3766931.08       19.96404                       396918.26
3766931.08       21.81552
         396958.26    3766931.08       23.20159                       396998.26
3766931.08       24.31051
         397038.26    3766931.08       24.16865                       397078.26
3766931.08       22.70200
         397118.26    3766931.08       20.05933                       397158.26
3766931.08       17.34226
         397198.26    3766931.08       15.98570                       397238.26
3766931.08       14.21754
         397278.26    3766931.08       14.61286                       397318.26
3766931.08       13.02983
         397358.26    3766931.08       12.71490                       397398.26
3766931.08       12.24644
         397438.26    3766931.08       11.99312                       397478.26
3766931.08       11.82418
         397518.26    3766931.08       11.45333                       397558.26
3766931.08        9.79770
         397598.26    3766931.08        8.86608                       397638.26
3766931.08        8.30398
         397678.26    3766931.08        7.64172                       397718.26
3766931.08        6.77861
         396558.26    3766971.08        5.39325                       396598.26
3766971.08        6.20294
         396638.26    3766971.08        7.44822                       396678.26
3766971.08        8.82842
         396718.26    3766971.08       10.72683                       396758.26
3766971.08       13.13947
         396798.26    3766971.08       15.43308                       396838.26
3766971.08       17.86924
         396878.26    3766971.08       20.46547                       396918.26
3766971.08       23.29555
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                  PAGE  57
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396958.26	3766971.08	25.49518	396998.26	3766971.08	27.83537
397038.26	3766971.08	28.14046	397078.26	3766971.08	26.45416
397118.26	3766971.08	28.67380	397158.26	3766971.08	32.77600
397198.26	3766971.08	24.84019	397238.26	3766971.08	20.02924
397278.26	3766971.08	17.34678	397318.26	3766971.08	15.66285
397358.26	3766971.08	15.70195	397398.26	3766971.08	14.84187
397438.26	3766971.08	14.98375	397478.26	3766971.08	12.99085
397518.26	3766971.08	11.68792	397558.26	3766971.08	10.70342
397598.26	3766971.08	10.39904	397638.26	3766971.08	9.43722
397678.26	3766971.08	8.58141	397718.26	3766971.08	7.67726
396558.26	3767011.08	5.26543	396598.26	3767011.08	5.89258
396638.26	3767011.08	7.00499	396678.26	3767011.08	8.37826
396718.26	3767011.08	10.04385	396758.26	3767011.08	11.90353
396798.26	3767011.08	14.49132	396838.26	3767011.08	17.59213
396878.26	3767011.08	20.53348	396918.26	3767011.08	24.43795
396958.26	3767011.08	27.96780	396998.26	3767011.08	30.92664
397038.26	3767011.08	32.88306	397078.26	3767011.08	39.97730
397118.26	3767011.08	42.56628	397158.26	3767011.08	44.58858
397198.26	3767011.08	43.14395	397238.26	3767011.08	38.69204
397278.26	3767011.08	29.71473	397318.26	3767011.08	20.13754
397358.26	3767011.08	18.20459	397398.26		

3767011.08   17.45274
         397438.26   3767011.08   16.46383   397478.26
3767011.08   14.78565
         397518.26   3767011.08   13.67843   397558.26
3767011.08   12.30663
         397598.26   3767011.08   11.02541   397638.26
3767011.08   10.00029
         397678.26   3767011.08   8.73720   397718.26
3767011.08   7.70176
         396558.26   3767051.08   5.23169   396598.26
3767051.08   6.01541
         396638.26   3767051.08   6.82857   396678.26
3767051.08   8.02037
         396718.26   3767051.08   9.32090   396758.26
3767051.08   10.90919
         396798.26   3767051.08   13.57581   396838.26
3767051.08   15.90364
         396878.26   3767051.08   20.09418   396918.26
3767051.08   24.93209
         396958.26   3767051.08   30.20861   396998.26
3767051.08   38.58469
         397038.26   3767051.08   61.19627   397078.26
3767051.08   49.19891
         397118.26   3767051.08   41.81805   397158.26
3767051.08   41.79505
         397198.26   3767051.08   42.98088   397238.26
3767051.08   43.13222
         397278.26   3767051.08   42.74131   397318.26
3767051.08   29.28659
         397358.26   3767051.08   20.97732   397398.26
3767051.08   18.70232
         397438.26   3767051.08   17.16167   397478.26
3767051.08   15.68786
         397518.26   3767051.08   14.08086   397558.26
3767051.08   12.48461
         397598.26   3767051.08   10.98377   397638.26
3767051.08   9.68757
         397678.26   3767051.08   8.38311   397718.26
3767051.08   7.19535

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG08

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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396638.26	3767091.08	6.67426	396678.26	3767091.08	7.65300
396718.26	3767091.08	9.01520	396758.26	3767091.08	10.57012
396798.26	3767091.08	12.34695	396838.26	3767091.08	14.79130
396878.26	3767091.08	18.34425	396918.26	3767091.08	23.09305
396958.26	3767091.08	30.70539	396998.26	3767091.08	59.77828
397078.26	3767091.08	46.08337	397118.26	3767091.08	41.32020
397158.26	3767091.08	42.81677	397198.26	3767091.08	41.64380
397238.26	3767091.08	41.22721	397278.26	3767091.08	41.78935
397318.26	3767091.08	37.73423	397358.26	3767091.08	23.72930
397398.26	3767091.08	20.03823	397438.26	3767091.08	17.98436
397478.26	3767091.08	15.85475	397518.26	3767091.08	13.79146
397558.26	3767091.08	11.96930	397598.26	3767091.08	10.85416
397638.26	3767091.08	9.54608	397678.26	3767091.08	8.04347
397718.26	3767091.08	7.12987	396558.26	3767131.08	5.27440
396598.26	3767131.08	5.95474	396638.26	3767131.08	6.55192
396678.26	3767131.08	7.19408	396718.26	3767131.08	8.45749
396758.26	3767131.08	9.80151	396798.26	3767131.08	11.57491
396838.26	3767131.08	13.66547	396878.26	3767131.08	16.90275

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3767131.08       29.03340
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3767131.08       18.46105
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3767131.08       13.70551
         397558.26    3767131.08       12.34451                       397598.26
3767131.08       11.13170
         397638.26    3767131.08       10.13228                       397678.26
3767131.08        9.00646
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3767171.08        5.27318
         396598.26    3767171.08        5.94559                       396638.26
3767171.08        6.68881
         396678.26    3767171.08        7.41165                       396718.26
3767171.08        8.38638
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3767171.08       11.31274
         396838.26    3767171.08       13.52243                       396878.26
3767171.08       16.39816
         396918.26    3767171.08       19.51887                       397438.26
3767171.08       20.89907
         397478.26    3767171.08       18.49964                       397518.26
3767171.08       16.37891
         397558.26    3767171.08       14.61180                       397598.26
3767171.08       13.11953
         397638.26    3767171.08       11.69700                       397678.26
3767171.08       10.44240
         397718.26    3767171.08        9.32416                       396558.26
3767211.08        5.39428
         396598.26    3767211.08        6.03308                       396638.26
3767211.08        6.75117
         396678.26    3767211.08        7.72756                       396718.26
3767211.08        8.52411
         396758.26    3767211.08        9.56780                       396798.26
3767211.08       11.24105
         396838.26    3767211.08       13.62823                       396878.26
3767211.08       16.30677
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CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	19.27361	396958.26	3767211.08	22.43818
397438.26	3767211.08	21.17023	397478.26	3767211.08	19.11742
397518.26	3767211.08	17.42092	397558.26	3767211.08	15.62928
397598.26	3767211.08	13.88519	397638.26	3767211.08	12.12324
397678.26	3767211.08	10.51884	397718.26	3767211.08	9.35848
396558.26	3767251.08	5.75791	396598.26	3767251.08	6.53985
396638.26	3767251.08	7.37773	396678.26	3767251.08	8.34539
396718.26	3767251.08	9.34450	396758.26	3767251.08	10.24746
396798.26	3767251.08	11.62737	396838.26	3767251.08	13.85815
396878.26	3767251.08	17.00417	396918.26	3767251.08	18.72153
396958.26	3767251.08	20.77317	396998.26	3767251.08	27.94425
397038.26	3767251.08	24.66628	397078.26	3767251.08	22.77247
397118.26	3767251.08	31.51349	397318.26	3767251.08	36.88025
397358.26	3767251.08	26.74222	397398.26	3767251.08	23.55061
397438.26	3767251.08	20.84653	397478.26	3767251.08	18.56723
397518.26	3767251.08	16.78401	397558.26	3767251.08	15.14160
397598.26	3767251.08	13.52097	397638.26	3767251.08	12.13033
397678.26	3767251.08	10.90884	397718.26		

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3767291.08        8.92760
         396718.26    3767291.08       10.11484                    396758.26
3767291.08       10.38807
         396798.26    3767291.08       11.28249                    396838.26
3767291.08       12.68696
         396878.26    3767291.08       14.62755                    396918.26
3767291.08       16.27683
         396958.26    3767291.08       17.45626                    396998.26
3767291.08       20.09992
         397038.26    3767291.08       25.94900                    397078.26
3767291.08       39.50076
         397118.26    3767291.08       37.93858                    397158.26
3767291.08       30.09472
         397278.26    3767291.08       35.55375                    397318.26
3767291.08       30.06047
         397358.26    3767291.08       24.86616                    397398.26
3767291.08       24.46481
         397438.26    3767291.08       21.14106                    397478.26
3767291.08       17.95552
         397518.26    3767291.08       15.62179                    397558.26
3767291.08       14.11641
         397598.26    3767291.08       12.76370                    397638.26
3767291.08       11.38547
         397678.26    3767291.08       10.18372                    397718.26
3767291.08        9.13335
         396558.26    3767331.08        6.44276                    396598.26
3767331.08        7.10182
         396638.26    3767331.08        7.66140                    396678.26
3767331.08        8.23387
         396718.26    3767331.08        9.20010                    396758.26
3767331.08        9.84072
         396798.26    3767331.08       10.60054                    396838.26
3767331.08       11.88962
         396878.26    3767331.08       13.31594                    396918.26
3767331.08       13.54003
         396958.26    3767331.08       14.17109                    396998.26
3767331.08       14.79038
         397038.26    3767331.08       19.03140                    397078.26
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CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG08 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397198.26	3767331.08	45.95499	397238.26	3767331.08	41.36481
397278.26	3767331.08	34.17251	397318.26	3767331.08	24.66384
397358.26	3767331.08	23.23531	397398.26	3767331.08	23.78756
397438.26	3767331.08	21.10572	397478.26	3767331.08	18.30189
397518.26	3767331.08	16.33308	397558.26	3767331.08	14.38689
397598.26	3767331.08	12.75159	397638.26	3767331.08	11.05600
397678.26	3767331.08	9.47627	397718.26	3767331.08	8.46216
396558.26	3767371.08	5.94015	396598.26	3767371.08	6.52812
396638.26	3767371.08	7.30858	396678.26	3767371.08	8.20236
396718.26	3767371.08	8.79746	396758.26	3767371.08	9.51225
396798.26	3767371.08	9.65330	396838.26	3767371.08	10.05705
396878.26	3767371.08	11.11299	396918.26	3767371.08	11.78467
396958.26	3767371.08	12.09022	396998.26	3767371.08	12.53673
397038.26	3767371.08	15.13758	397078.26	3767371.08	22.27149
397118.26	3767371.08	27.79374	397158.26	3767371.08	37.61610
397198.26	3767371.08	33.26231	397238.26	3767371.08	29.07381

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         397278.26    3767371.08       25.57476                      397318.26
3767371.08       23.21715
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         397198.26    3767411.08       26.05081                      397238.26
3767411.08       25.44321
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3767411.08       19.01368
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3767411.08       16.66798
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3767451.08        5.71975
         396638.26    3767451.08        6.14181                      396678.26
3767451.08        6.46347
         396718.26    3767451.08        6.94867                      396758.26
3767451.08        7.46913
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
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*** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG08   , EG24   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF NO2   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	7.69413	396838.26	3767451.08	8.17712
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396958.26	3767451.08	9.49399	396998.26	3767451.08	9.79219
397038.26	3767451.08	11.65804	397078.26	3767451.08	15.02676
397118.26	3767451.08	19.63314	397158.26	3767451.08	20.84400
397198.26	3767451.08	22.75720	397238.26	3767451.08	22.12034
397278.26	3767451.08	21.51368	397318.26	3767451.08	20.06734
397358.26	3767451.08	18.72270	397398.26	3767451.08	17.70291
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397598.26	3767451.08	11.99382	397638.26	3767451.08	10.89052
397678.26	3767451.08	9.85757	397718.26	3767451.08	8.73418
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397678.26 3767491.08 9.38956 397718.26
3767491.08 8.52513
396558.26 3767531.08 4.48184 396598.26
3767531.08 5.01309
396638.26 3767531.08 5.54557 396678.26
3767531.08 5.70927
396718.26 3767531.08 5.69817 396758.26
3767531.08 6.25816
396798.26 3767531.08 6.59805 396838.26
3767531.08 7.03960
396878.26 3767531.08 7.65829 396918.26
3767531.08 7.81135
396958.26 3767531.08 8.07640 396998.26
3767531.08 8.41611
397038.26 3767531.08 9.68319 397078.26
3767531.08 11.82714
397118.26 3767531.08 14.62295 397158.26
3767531.08 16.05173
397198.26 3767531.08 17.10346 397238.26
3767531.08 18.09328
397278.26 3767531.08 17.51763 397318.26
3767531.08 17.39585
397358.26 3767531.08 16.26749 397398.26
3767531.08 15.14974
397438.26 3767531.08 14.40993 397478.26
3767531.08 13.61859
397518.26 3767531.08 12.49765 397558.26

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
         397420.54    3767170.46       21.94125                       397318.68
3767160.13       36.39721
         397022.98    3767083.62       60.06812                       396943.60
3767192.73       21.33886
         396966.77    3767218.13       25.26075                       397017.03
3767233.75       27.63439
         397078.83    3767231.95       26.44610                       397136.10
3767260.11       33.46014
         397206.50    3767301.88       29.30763                       397298.15
3767260.58       36.54879
         397335.34    3767242.27       35.08988                       397372.54
3767223.96       26.57695
         397386.59    3767167.02       24.49795                       397352.63
3767163.57       37.07993
         397276.44    3767149.20       33.64907                       397234.19
3767138.27       33.56744
         397191.95    3767127.34       34.25961                       397149.71
3767116.41       36.96896
         397107.47    3767105.48       40.44772                       397065.22
3767094.55       45.66112
         396988.79    3767111.52       56.94701                       396954.61
3767139.42       29.06378
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:52:36

                                   PAGE  63
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF NO2      IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - -

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3766811.08       13.45918
         397358.26    3766811.08       12.60896                      397398.26
3766811.08       11.72947
         397438.26    3766811.08       10.85117                      397478.26
3766811.08       10.02943
         397518.26    3766811.08        9.22391                      397558.26
3766811.08        8.45238
         397598.26    3766811.08        7.76508                      397638.26
3766811.08        7.15041
         397678.26    3766811.08        6.58194                      397718.26
3766811.08        6.06812
         396558.26    3766851.08        6.49895                      396598.26
3766851.08        7.10333
         396638.26    3766851.08        7.84619                      396678.26
3766851.08        8.72123
         396718.26    3766851.08        9.63759                      396758.26
3766851.08       10.65737
         396798.26    3766851.08       11.75785                      396838.26
3766851.08       12.98486
         396878.26    3766851.08       14.28722                      396918.26
3766851.08       15.57508
         396958.26    3766851.08       16.81916                      396998.26
3766851.08       17.87964
         397038.26    3766851.08       18.69231                      397078.26
3766851.08       19.21298
         397118.26    3766851.08       19.39298                      397158.26
3766851.08       19.18723
         397198.26    3766851.08       18.62560                      397238.26
3766851.08       17.81295
         397278.26    3766851.08       16.78709                      397318.26
3766851.08       15.61633
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                  PAGE  64
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA     ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397358.26	3766851.08	14.45312	397398.26	3766851.08	13.29062
397438.26	3766851.08	12.16100	397478.26	3766851.08	11.08901
397518.26	3766851.08	10.09463	397558.26	3766851.08	9.18757
397598.26	3766851.08	8.38301	397638.26	3766851.08	7.64905
397678.26	3766851.08	6.99491	397718.26	3766851.08	6.41121
396558.26	3766891.08	6.85952	396598.26	3766891.08	7.53757
396638.26	3766891.08	8.37561	396678.26	3766891.08	9.39051
396718.26	3766891.08	10.49568	396758.26	3766891.08	11.73655
396798.26	3766891.08	13.18191	396838.26	3766891.08	14.74539
396878.26	3766891.08	16.51277	396918.26	3766891.08	18.28837
396958.26	3766891.08	20.07421	396998.26	3766891.08	21.62833
397038.26	3766891.08	22.84376	397078.26	3766891.08	23.67230
397118.26	3766891.08	23.87839	397158.26	3766891.08	23.46545
397198.26	3766891.08	22.70065	397238.26	3766891.08	21.49476
397278.26	3766891.08	20.04966	397318.26	3766891.08	18.46013
397358.26	3766891.08	16.78459	397398.26	3766891.08	15.16526
397438.26	3766891.08	13.68044	397478.26	3766891.08	12.31632
397518.26	3766891.08	11.08496	397558.26	3766891.08	9.99879
397598.26	3766891.08	9.02413	397638.26	3766891.08	8.16837
397678.26	3766891.08	7.41609	397718.26	3766891.08	6.75645

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         396558.26    3766931.08        7.27117                      396598.26
3766931.08        7.99609
         396638.26    3766931.08        8.96442                      396678.26
3766931.08       10.06975
         396718.26    3766931.08       11.41400                      396758.26
3766931.08       12.96556
         396798.26    3766931.08       14.78384                      396838.26
3766931.08       16.88173
         396878.26    3766931.08       19.24125                      396918.26
3766931.08       21.80968
         396958.26    3766931.08       24.44853                      396998.26
3766931.08       26.86067
         397038.26    3766931.08       28.83041                      397078.26
3766931.08       30.01075
         397118.26    3766931.08       30.25890                      397158.26
3766931.08       29.60099
         397198.26    3766931.08       28.29193                      397238.26
3766931.08       26.46700
         397278.26    3766931.08       24.29600                      397318.26
3766931.08       22.01997
         397358.26    3766931.08       19.77224                      397398.26
3766931.08       17.53363
         397438.26    3766931.08       15.48548                      397478.26
3766931.08       13.71124
         397518.26    3766931.08       12.19615                      397558.26
3766931.08       10.85090
         397598.26    3766931.08        9.69266                      397638.26
3766931.08        8.69644
         397678.26    3766931.08        7.85780                      397718.26
3766931.08        7.11756
         396558.26    3766971.08        7.62040                      396598.26
3766971.08        8.49343
         396638.26    3766971.08        9.56452                      396678.26
3766971.08       10.77890
         396718.26    3766971.08       12.34197                      396758.26
3766971.08       14.24639
         396798.26    3766971.08       16.55969                      396838.26
3766971.08       19.38089
         396878.26    3766971.08       22.69261                      396918.26
3766971.08       26.48736
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                  PAGE  65
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA     ***
```

INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396958.26	3766971.08	30.61868	396998.26	3766971.08	34.67210
397038.26	3766971.08	37.89179	397078.26	3766971.08	39.59467
397118.26	3766971.08	39.72648	397158.26	3766971.08	38.45651
397198.26	3766971.08	36.20834	397238.26	3766971.08	33.32023
397278.26	3766971.08	30.05021	397318.26	3766971.08	26.69862
397358.26	3766971.08	23.42733	397398.26	3766971.08	20.33923
397438.26	3766971.08	17.63171	397478.26	3766971.08	15.32008
397518.26	3766971.08	13.37347	397558.26	3766971.08	11.76861
397598.26	3766971.08	10.39769	397638.26	3766971.08	9.24372
397678.26	3766971.08	8.26610	397718.26	3766971.08	7.44458
396558.26	3767011.08	7.94500	396598.26	3767011.08	8.90270
396638.26	3767011.08	10.09626	396678.26	3767011.08	11.57522
396718.26	3767011.08	13.39125	396758.26	3767011.08	15.69193
396798.26	3767011.08	18.51094	396838.26	3767011.08	22.23986
396878.26	3767011.08	27.00465	396918.26	3767011.08	32.97441
396958.26	3767011.08	39.80932	396998.26		

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3767011.08       47.20643
         397038.26    3767011.08       52.91332                       397078.26
3767011.08       55.40930
         397118.26    3767011.08       54.87832                       397158.26
3767011.08       52.12946
         397198.26    3767011.08       48.09825                       397238.26
3767011.08       43.29844
         397278.26    3767011.08       38.16911                       397318.26
3767011.08       32.98697
         397358.26    3767011.08       28.37832                       397398.26
3767011.08       26.35618
         397438.26    3767011.08       20.06021                       397478.26
3767011.08       17.08424
         397518.26    3767011.08       14.63692                       397558.26
3767011.08       12.66829
         397598.26    3767011.08       11.06286                       397638.26
3767011.08        9.74695
         397678.26    3767011.08        8.65336                       397718.26
3767011.08        7.73531
         396558.26    3767051.08        8.21061                       396598.26
3767051.08        9.25066
         396638.26    3767051.08       10.53292                       396678.26
3767051.08       12.19407
         396718.26    3767051.08       14.29106                       396758.26
3767051.08       16.99386
         396798.26    3767051.08       20.61979                       396838.26
3767051.08       25.56319
         396878.26    3767051.08       32.33291                       396918.26
3767051.08       42.08829
         396958.26    3767051.08       55.17325                       396998.26
3767051.08       70.84189
         397038.26    3767051.08       83.08920                       397078.26
3767051.08       85.59812
         397118.26    3767051.08       81.92108                       397158.26
3767051.08       75.27218
         397198.26    3767051.08       67.39486                       397238.26
3767051.08       58.93299
         397278.26    3767051.08       50.41835                       397318.26
3767051.08       41.95904
         397358.26    3767051.08       34.17834                       397398.26
3767051.08       30.68020
         397438.26    3767051.08       23.69722                       397478.26
3767051.08       18.88256
         397518.26    3767051.08       15.88606                       397558.26
3767051.08       13.55021
         397598.26    3767051.08       11.69520                       397638.26
3767051.08       10.19252
         397678.26    3767051.08        8.98887                       397718.26
3767051.08        8.01156
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
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 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

397478.26 3767091.08 24.94788 397518.26
3767091.08 20.65388
397558.26 3767091.08 18.38983 397598.26
3767091.08 12.60684
397638.26 3767091.08 10.60343 397678.26
3767091.08 9.29448
397718.26 3767091.08 8.22967 396558.26
3767131.08 8.60316
396598.26 3767131.08 9.79016 396638.26
3767131.08 11.23421
396678.26 3767131.08 13.00383 396718.26
3767131.08 15.42430
396758.26 3767131.08 18.80037 396798.26
3767131.08 23.62003
396838.26 3767131.08 31.00357 396878.26
3767131.08 43.88065
396918.26 3767131.08 69.66114 396958.26
3767131.08 143.19023
397238.26 3767131.08 153.52639 397278.26
3767131.08 119.32531
397318.26 3767131.08 85.18684 397358.26
3767131.08 54.99578
397398.26 3767131.08 38.89069 397438.26
3767131.08 31.31026
397478.26 3767131.08 30.16549 397518.26
3767131.08 24.97764
397558.26 3767131.08 21.15806 397598.26
3767131.08 16.05510
397638.26 3767131.08 10.91083 397678.26
3767131.08 9.51716
397718.26 3767131.08 8.39709 396558.26
3767171.08 8.70611
396598.26 3767171.08 9.89735 396638.26
3767171.08 11.38831
396678.26 3767171.08 13.22648 396718.26
3767171.08 15.62072
396758.26 3767171.08 19.06009 396798.26
3767171.08 24.12891
396838.26 3767171.08 31.96975 396878.26
3767171.08 46.07340
396918.26 3767171.08 79.14879 397438.26
3767171.08 35.43695
397478.26 3767171.08 29.92376 397518.26
3767171.08 22.22831
397558.26 3767171.08 16.85413 397598.26
3767171.08 13.37251
397638.26 3767171.08 11.10271 397678.26
3767171.08 9.66785
397718.26 3767171.08 8.51491 396558.26
3767211.08 8.69487

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED
OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF NO2 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	66.64865	396958.26	3767211.08	117.11773
397438.26	3767211.08	51.98393	397478.26	3767211.08	41.42214
397518.26	3767211.08	28.71333	397558.26	3767211.08	20.32071
397598.26	3767211.08	14.29492	397638.26	3767211.08	11.99994
397678.26	3767211.08	10.68582	397718.26	3767211.08	8.98518
396558.26	3767251.08	8.56825	396598.26	3767251.08	9.72011
396638.26	3767251.08	11.14690	396678.26		

3767251.08 12.94839
396718.26 3767251.08 15.20765 396758.26
3767251.08 18.09131
396798.26 3767251.08 22.41044 396838.26
3767251.08 28.58893
396878.26 3767251.08 38.06369 396918.26
3767251.08 52.19183
396958.26 3767251.08 72.02190 396998.26
3767251.08 98.44397
397038.26 3767251.08 122.59972 397078.26
3767251.08 161.50700
397118.26 3767251.08 248.45155 397318.26
3767251.08 88.37301
397358.26 3767251.08 74.73662 397398.26
3767251.08 70.70262
397438.26 3767251.08 62.93527 397478.26
3767251.08 51.90467
397518.26 3767251.08 39.01921 397558.26
3767251.08 31.00933
397598.26 3767251.08 23.96377 397638.26
3767251.08 17.09476
397678.26 3767251.08 13.81692 397718.26
3767251.08 11.17824
396558.26 3767291.08 21.22640 396598.26
3767291.08 16.93520
396638.26 3767291.08 16.14646 396678.26
3767291.08 13.76823
396718.26 3767291.08 14.71641 396758.26
3767291.08 17.26727
396798.26 3767291.08 20.77975 396838.26
3767291.08 25.71784
396878.26 3767291.08 32.69100 396918.26
3767291.08 46.73435
396958.26 3767291.08 56.28636 396998.26
3767291.08 63.81312
397038.26 3767291.08 67.61479 397078.26
3767291.08 73.62282
397118.26 3767291.08 107.90707 397158.26
3767291.08 194.04246
397278.26 3767291.08 95.63346 397318.26
3767291.08 78.16492
397358.26 3767291.08 74.43033 397398.26
3767291.08 68.37447
397438.26 3767291.08 62.00381 397478.26
3767291.08 56.56134
397518.26 3767291.08 50.80699 397558.26
3767291.08 46.80163
397598.26 3767291.08 41.59226 397638.26
3767291.08 29.46669
397678.26 3767291.08 17.95996 397718.26

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397198.26   3767331.08   84.80171   397238.26
3767331.08   82.20345
         397278.26   3767331.08   77.39440   397318.26
3767331.08   72.20458

```
         397358.26    3767331.08       69.42339                    397398.26
3767331.08       63.69609
         397438.26    3767331.08       58.43147                    397478.26
3767331.08       54.12803
         397518.26    3767331.08       49.80941                    397558.26
3767331.08       46.19244
         397598.26    3767331.08       42.84699                    397638.26
3767331.08       38.58631
         397678.26    3767331.08       26.83176                    397718.26
3767331.08       17.21527
         396558.26    3767371.08       28.27682                    396598.26
3767371.08       26.02419
         396638.26    3767371.08       23.83697                    396678.26
3767371.08       15.61109
         396718.26    3767371.08       12.93771                    396758.26
3767371.08       14.88306
         396798.26    3767371.08       17.12100                    396838.26
3767371.08       20.06694
         396878.26    3767371.08       23.78229                    396918.26
3767371.08       35.27744
         396958.26    3767371.08       44.89895                    396998.26
3767371.08       48.40102
         397038.26    3767371.08       52.41480                    397078.26
3767371.08       53.51068
         397118.26    3767371.08       57.37810                    397158.26
3767371.08       61.40235
         397198.26    3767371.08       67.45101                    397238.26
3767371.08       67.48152
         397278.26    3767371.08       66.14608                    397318.26
3767371.08       65.75460
         397358.26    3767371.08       63.00204                    397398.26
3767371.08       58.52741
         397438.26    3767371.08       54.50592                    397478.26
3767371.08       51.25191
         397518.26    3767371.08       47.79815                    397558.26
3767371.08       44.99166
         397598.26    3767371.08       41.63700                    397638.26
3767371.08       38.75128
         397678.26    3767371.08       35.51080                    397718.26
3767371.08       25.24894
         396558.26    3767411.08       27.77972                    396598.26
3767411.08       23.27769
         396638.26    3767411.08       16.75978                    396678.26
3767411.08       11.53302
         396718.26    3767411.08       11.92214                    396758.26
3767411.08       13.54715
         396798.26    3767411.08       15.43573                    396838.26
3767411.08       17.72699
         396878.26    3767411.08       20.57757                    396918.26
3767411.08       28.94290
```

```
         396958.26    3767411.08       40.29469                      396998.26
3767411.08       45.34280
         397038.26    3767411.08       46.83815                      397078.26
3767411.08       47.32631
         397118.26    3767411.08       49.81514                      397158.26
3767411.08       53.84290
         397198.26    3767411.08       58.05034                      397238.26
3767411.08       58.28038
         397278.26    3767411.08       57.11454                      397318.26
3767411.08       57.91441
         397358.26    3767411.08       56.84864                      397398.26
3767411.08       53.67113
         397438.26    3767411.08       50.81972                      397478.26
3767411.08       48.03115
         397518.26    3767411.08       45.40768                      397558.26
3767411.08       43.07844
         397598.26    3767411.08       40.58871                      397638.26
3767411.08       38.34864
         397678.26    3767411.08       35.68452                      397718.26
3767411.08       32.12068
         396558.26    3767451.08       25.45088                      396598.26
3767451.08       21.77292
         396638.26    3767451.08       15.83527                      396678.26
3767451.08       12.78036
         396718.26    3767451.08       11.88280                      396758.26
3767451.08       12.36032
```


 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3
                    **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	13.87731	396838.26	3767451.08	15.78819
396878.26	3767451.08	17.83527	396918.26	3767451.08	25.30840
396958.26	3767451.08	36.15950	396998.26	3767451.08	40.77383
397038.26	3767451.08	44.03874	397078.26	3767451.08	44.34082
397118.26	3767451.08	45.62627	397158.26	3767451.08	48.59054
397198.26	3767451.08	51.61389	397238.26	3767451.08	52.24467
397278.26	3767451.08	50.63184	397318.26	3767451.08	50.97290
397358.26	3767451.08	51.20757	397398.26	3767451.08	49.38129
397438.26	3767451.08	47.23404	397478.26	3767451.08	45.17128
397518.26	3767451.08	43.11112	397558.26	3767451.08	40.88369
397598.26	3767451.08	39.13571	397638.26	3767451.08	37.09081
397678.26	3767451.08	35.00985	397718.26	3767451.08	32.89811
396558.26	3767491.08	23.25322	396598.26	3767491.08	21.11296
396638.26	3767491.08	21.44940	396678.26	3767491.08	22.17471
396718.26	3767491.08	18.91866	396758.26	3767491.08	11.25116
396798.26	3767491.08	12.56008	396838.26	3767491.08	13.97680
396878.26	3767491.08	15.53534	396918.26	3767491.08	21.67542
396958.26	3767491.08	30.52584	396998.26	3767491.08	37.10073
397038.26	3767491.08	41.15471	397078.26	3767491.08	41.85889
397118.26	3767491.08	42.63166	397158.26	3767491.08	44.64588
397198.26	3767491.08	46.77628	397238.26	3767491.08	47.27003
397278.26	3767491.08	46.26627	397318.26	3767491.08	45.39146
397358.26	3767491.08	45.82712	397398.26		

3767491.08   45.95198
         397438.26   3767491.08   44.20886   397478.26
3767491.08   42.21524
         397518.26   3767491.08   40.63966   397558.26
3767491.08   39.02136
         397598.26   3767491.08   37.40024   397638.26
3767491.08   35.49105
         397678.26   3767491.08   34.04305   397718.26
3767491.08   32.17887
         396558.26   3767531.08   23.21263   396598.26
3767531.08   23.71345
         396638.26   3767531.08   26.60052   396678.26
3767531.08   27.14563
         396718.26   3767531.08   21.42527   396758.26
3767531.08   10.30663
         396798.26   3767531.08   11.31342   396838.26
3767531.08   12.44687
         396878.26   3767531.08   13.61383   396918.26
3767531.08   17.03479
         396958.26   3767531.08   24.56392   396998.26
3767531.08   32.08561
         397038.26   3767531.08   37.52393   397078.26
3767531.08   39.64171
         397118.26   3767531.08   40.28274   397158.26
3767531.08   41.44916
         397198.26   3767531.08   42.98233   397238.26
3767531.08   43.46194
         397278.26   3767531.08   42.65295   397318.26
3767531.08   41.58770
         397358.26   3767531.08   40.93763   397398.26
3767531.08   42.36603
         397438.26   3767531.08   40.98760   397478.26
3767531.08   39.55689
         397518.26   3767531.08   38.18137   397558.26
3767531.08   37.02429

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018

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 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397598.26    3767531.08       35.79170                      397638.26
3767531.08       34.32865
         397678.26    3767531.08       32.72177                      397718.26
3767531.08       31.20055
         397320.82    3767219.11      116.85576                      397330.82
3767209.11      105.31608
         397340.82    3767189.11       96.23694                      397340.82
3767199.11       92.12438
         397340.82    3767209.11       88.06302                      397350.82
3767189.11       78.92826
         397350.82    3767199.11       77.20210                      397360.82
3767189.11       66.95122
         397360.82    3767199.11       66.56454                      397370.82
3767189.11       58.12589
         397380.82    3767189.11       51.35006                      396920.42
3767167.32       82.72682
         396989.95    3767243.54      105.19810                      397044.10
3767223.97      246.67262
         397113.57    3767239.93      261.56169                      397158.63
3767280.29      219.59624
         397168.95    3767307.05      144.45855                      397244.05
3767296.72      141.86704
         397260.95    3767278.88      152.56419                      397409.74
3767205.66       50.11336
         397422.89    3767189.23       40.61143                      397426.64
3767180.78       38.55647
         397420.54    3767170.46       36.39115                      397318.68
3767160.13      142.38830
         397022.98    3767083.62      143.89231                      396943.60
3767192.73      113.90093
         396966.77    3767218.13      120.17614                      397017.03
3767233.75      181.58427
         397078.83    3767231.95      255.38507                      397136.10
3767260.11      241.15786
         397206.50    3767301.88      155.44420                      397298.15
3767260.58      106.15051
```

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396558.26   3766771.08   8.60650   396598.26
3766771.08   9.89711
         396638.26   3766771.08   11.91630   396678.26
3766771.08   14.02526
         396718.26   3766771.08   16.12066   396758.26
3766771.08   17.70759
         396798.26   3766771.08   18.51667   396838.26
3766771.08   20.03223
         396878.26   3766771.08   21.52117   396918.26

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3766771.08       22.15533
         396958.26    3766771.08       22.49167                       396998.26
3766771.08       21.75857
         397038.26    3766771.08       20.43025                       397078.26
3766771.08       18.57626
         397118.26    3766771.08       16.85820                       397158.26
3766771.08       15.37482
         397198.26    3766771.08       14.37206                       397238.26
3766771.08       14.00390
         397278.26    3766771.08       14.07789                       397318.26
3766771.08       13.89445
         397358.26    3766771.08       13.46419                       397398.26
3766771.08       12.91797
         397438.26    3766771.08       12.47924                       397478.26
3766771.08       12.52211
         397518.26    3766771.08       11.57905                       397558.26
3766771.08       10.68228
         397598.26    3766771.08        9.99652                       397638.26
3766771.08        9.50981
         397678.26    3766771.08        8.74892                       397718.26
3766771.08        8.02006
         396558.26    3766811.08        8.95258                       396598.26
3766811.08       10.14135
         396638.26    3766811.08       12.17863                       396678.26
3766811.08       14.73476
         396718.26    3766811.08       16.77836                       396758.26
3766811.08       18.37000
         396798.26    3766811.08       20.22696                       396838.26
3766811.08       21.90476
         396878.26    3766811.08       23.58596                       396918.26
3766811.08       25.28035
         396958.26    3766811.08       25.65911                       396998.26
3766811.08       25.33264
         397038.26    3766811.08       23.90565                       397078.26
3766811.08       21.77539
         397118.26    3766811.08       20.04554                       397158.26
3766811.08       18.37999
         397198.26    3766811.08       17.16653                       397238.26
3766811.08       16.66735
         397278.26    3766811.08       16.34622                       397318.26
3766811.08       15.70908
         397358.26    3766811.08       15.30567                       397398.26
3766811.08       14.94572
         397438.26    3766811.08       14.63982                       397478.26
3766811.08       13.71147
         397518.26    3766811.08       12.63114                       397558.26
3766811.08       12.01973
         397598.26    3766811.08       11.34123                       397638.26
3766811.08       10.42907
         397678.26    3766811.08       10.03047                       397718.26
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3766811.08   9.11963
         396558.26   3766851.08   9.43968   396598.26
3766851.08   10.63994
         396638.26   3766851.08   12.14313   396678.26
3766851.08   14.37440
         396718.26   3766851.08   16.87482   396758.26
3766851.08   19.12159
         396798.26   3766851.08   21.69813   396838.26
3766851.08   23.91962
         396878.26   3766851.08   26.06219   396918.26
3766851.08   28.04428
         396958.26   3766851.08   29.33180   396998.26
3766851.08   29.14111
         397038.26   3766851.08   27.97077   397078.26
3766851.08   25.98924
         397118.26   3766851.08   23.71800   397158.26
3766851.08   22.04975
         397198.26   3766851.08   20.65693   397238.26
3766851.08   19.94329
         397278.26   3766851.08   19.25597   397318.26
3766851.08   18.27607

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -

```
         397358.26    3766851.08       17.64087                    397398.26
3766851.08       17.17386
         397438.26    3766851.08       16.13556                    397478.26
3766851.08       14.99562
         397518.26    3766851.08       14.71833                    397558.26
3766851.08       13.56976
         397598.26    3766851.08       12.68963                    397638.26
3766851.08       11.90716
         397678.26    3766851.08       10.47918                    397718.26
3766851.08        9.41685
         396558.26    3766891.08        9.37358                    396598.26
3766891.08       10.87283
         396638.26    3766891.08       12.70560                    396678.26
3766891.08       14.83088
         396718.26    3766891.08       17.23188                    396758.26
3766891.08       20.05576
         396798.26    3766891.08       22.91044                    396838.26
3766891.08       25.96355
         396878.26    3766891.08       28.60193                    396918.26
3766891.08       30.80566
         396958.26    3766891.08       33.35508                    396998.26
3766891.08       33.91057
         397038.26    3766891.08       33.05253                    397078.26
3766891.08       31.77708
         397118.26    3766891.08       28.92675                    397158.26
3766891.08       26.75028
         397198.26    3766891.08       25.31414                    397238.26
3766891.08       24.17570
         397278.26    3766891.08       23.02974                    397318.26
3766891.08       21.85311
         397358.26    3766891.08       20.70673                    397398.26
3766891.08       19.45429
         397438.26    3766891.08       18.48330                    397478.26
3766891.08       17.51118
         397518.26    3766891.08       16.52272                    397558.26
3766891.08       15.59152
         397598.26    3766891.08       13.78350                    397638.26
3766891.08       12.23820
         397678.26    3766891.08       11.24510                    397718.26
3766891.08       10.49651
         396558.26    3766931.08        9.67179                    396598.26
3766931.08       10.88886
         396638.26    3766931.08       12.85725                    396678.26
3766931.08       15.29787
         396718.26    3766931.08       17.76335                    396758.26
3766931.08       20.42709
         396798.26    3766931.08       23.98523                    396838.26
3766931.08       27.49588
         396878.26    3766931.08       31.29515                    396918.26
3766931.08       34.18325
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         396958.26    3766931.08       37.46490                      396998.26
3766931.08       40.00297
         397038.26    3766931.08       40.47155                      397078.26
3766931.08       39.04950
         397118.26    3766931.08       36.22731                      397158.26
3766931.08       33.74736
         397198.26    3766931.08       31.24971                      397238.26
3766931.08       29.39178
         397278.26    3766931.08       27.84470                      397318.26
3766931.08       26.29827
         397358.26    3766931.08       24.55736                      397398.26
3766931.08       23.71105
         397438.26    3766931.08       21.76297                      397478.26
3766931.08       20.23698
         397518.26    3766931.08       18.49969                      397558.26
3766931.08       16.07201
         397598.26    3766931.08       14.54506                      397638.26
3766931.08       13.61983
         397678.26    3766931.08       12.36549                      397718.26
3766931.08       11.24078
         396558.26    3766971.08        9.78874                      396598.26
3766971.08       11.03866
         396638.26    3766971.08       13.01959                      396678.26
3766971.08       15.02837
         396718.26    3766971.08       17.87468                      396758.26
3766971.08       21.28846
         396798.26    3766971.08       24.61218                      396838.26
3766971.08       28.94599
         396878.26    3766971.08       33.75288                      396918.26
3766971.08       38.84865
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                  PAGE  73
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     EG01        , EG08
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396958.26	3766971.08	43.26674	396998.26	3766971.08	48.39179
397038.26	3766971.08	50.24538	397078.26	3766971.08	49.21540
397118.26	3766971.08	50.99541	397158.26	3766971.08	51.81245
397198.26	3766971.08	43.57326	397238.26	3766971.08	39.39699
397278.26	3766971.08	35.29732	397318.26	3766971.08	31.70961
397358.26	3766971.08	32.44875	397398.26	3766971.08	29.55298
397438.26	3766971.08	25.40164	397478.26	3766971.08	21.54372
397518.26	3766971.08	19.29715	397558.26	3766971.08	17.93024
397598.26	3766971.08	16.46852	397638.26	3766971.08	14.83837
397678.26	3766971.08	13.36051	397718.26	3766971.08	12.00334
396558.26	3767011.08	10.01182	396598.26	3767011.08	11.39925
396638.26	3767011.08	13.12075	396678.26	3767011.08	15.18078
396718.26	3767011.08	17.89200	396758.26	3767011.08	21.01662
396798.26	3767011.08	25.39626	396838.26	3767011.08	30.24876
396878.26	3767011.08	36.09806	396918.26	3767011.08	43.80698
396958.26	3767011.08	51.24288	396998.26	3767011.08	58.97290
397038.26	3767011.08	64.32831	397078.26	3767011.08	70.56277
397118.26	3767011.08	70.98664	397158.26	3767011.08	69.26653
397198.26	3767011.08	66.64824	397238.26	3767011.08	60.20504
397278.26	3767011.08	48.89783	397318.26	3767011.08	39.40995
397358.26	3767011.08	38.65621	397398.26		

3767011.08   37.00078
         397438.26   3767011.08   29.12594   397478.26
3767011.08   24.23094
         397518.26   3767011.08   21.91171   397558.26
3767011.08   19.64129
         397598.26   3767011.08   17.25278   397638.26
3767011.08   15.27249
         397678.26   3767011.08   13.37331   397718.26
3767011.08   11.96971
         396558.26   3767051.08   10.15455   396598.26
3767051.08   11.59739
         396638.26   3767051.08   13.21515   396678.26
3767051.08   15.37910
         396718.26   3767051.08   18.10063   396758.26
3767051.08   21.22701
         396798.26   3767051.08   25.64861   396838.26
3767051.08   30.68607
         396878.26   3767051.08   39.15743   396918.26
3767051.08   49.38333
         396958.26   3767051.08   62.28796   396998.26
3767051.08   81.19338
         397038.26   3767051.08   105.95061   397078.26
3767051.08   97.05154
         397118.26   3767051.08   86.87247   397158.26
3767051.08   80.27283
         397198.26   3767051.08   76.78536   397238.26
3767051.08   73.07695
         397278.26   3767051.08   68.70456   397318.26
3767051.08   51.45632
         397358.26   3767051.08   44.50180   397398.26
3767051.08   42.48647
         397438.26   3767051.08   35.18399   397478.26
3767051.08   28.29193
         397518.26   3767051.08   22.81494   397558.26
3767051.08   20.28459
         397598.26   3767051.08   17.89779   397638.26
3767051.08   15.76340
         397678.26   3767051.08   14.10199   397718.26
3767051.08   12.58533

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG08

```
 , EG24        , L0000001    , L0000002    ,
                 L0000003    , L0000004    , L0000005    , L0000006    , L0000007
 , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    , L0000014    , L0000015
 , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    , L0000022    , L0000023
 , L0000024    , L0000025    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3767091.08       10.39614                     396598.26
3767091.08       11.89727
         396638.26    3767091.08       13.43577                     396678.26
3767091.08       15.26152
         396718.26    3767091.08       17.91444                     396758.26
3767091.08       21.56525
         396798.26    3767091.08       26.05625                     396838.26
3767091.08       32.29243
         396878.26    3767091.08       42.01400                     396918.26
3767091.08       56.36563
         396958.26    3767091.08       83.03298                     396998.26
3767091.08      140.19739
         397078.26    3767091.08      163.19998                     397118.26
3767091.08      141.80422
         397158.26    3767091.08      123.18730                     397198.26
3767091.08      107.74443
         397238.26    3767091.08       92.91509                     397278.26
3767091.08       81.41730
         397318.26    3767091.08       66.36408                     397358.26
3767091.08       52.35787
         397398.26    3767091.08       46.39311                     397438.26
3767091.08       39.42373
         397478.26    3767091.08       35.29893                     397518.26
3767091.08       29.17446
         397558.26    3767091.08       25.37468                     397598.26
3767091.08       20.05283
         397638.26    3767091.08       16.17650                     397678.26
3767091.08       14.23469
         397718.26    3767091.08       12.34075                     396558.26
3767131.08       10.17176
         396598.26    3767131.08       11.59067                     396638.26
3767131.08       13.21687
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         396678.26    3767131.08       15.11113                       396718.26
3767131.08       17.89956
         396758.26    3767131.08       21.42481                       396798.26
3767131.08       26.27924
         396838.26    3767131.08       33.70247                       396878.26
3767131.08       45.57713
         396918.26    3767131.08       70.05733                       396958.26
3767131.08      143.51677
         397238.26    3767131.08      153.63795                       397278.26
3767131.08      120.60161
         397318.26    3767131.08       88.39898                       397358.26
3767131.08       64.43780
         397398.26    3767131.08       50.01671                       397438.26
3767131.08       41.30086
         397478.26    3767131.08       39.07782                       397518.26
3767131.08       33.05090
         397558.26    3767131.08       27.74228                       397598.26
3767131.08       22.70620
         397638.26    3767131.08       17.92094                       397678.26
3767131.08       15.36605
         397718.26    3767131.08       13.73502                       396558.26
3767171.08       10.23160
         396598.26    3767171.08       11.53368                       396638.26
3767171.08       13.16468
         396678.26    3767171.08       15.00819                       396718.26
3767171.08       17.39032
         396758.26    3767171.08       20.83879                       396798.26
3767171.08       25.90052
         396838.26    3767171.08       33.42765                       396878.26
3767171.08       47.14458
         396918.26    3767171.08       79.44005                       397438.26
3767171.08       47.71420
         397478.26    3767171.08       41.22255                       397518.26
3767171.08       32.42348
         397558.26    3767171.08       27.16450                       397598.26
3767171.08       22.97784
         397638.26    3767171.08       19.11063                       397678.26
3767171.08       16.80975
         397718.26    3767171.08       14.67683                       396558.26
3767211.08       10.53041
         396598.26    3767211.08       11.75309                       396638.26
3767211.08       13.38910
         396678.26    3767211.08       15.41116                       396718.26
3767211.08       17.55903
         396758.26    3767211.08       20.79325                       396798.26
3767211.08       25.61870
         396838.26    3767211.08       33.09049                       396878.26
3767211.08       44.82683
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                  ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

```
3767251.08      161.63021
         397118.26    3767251.08      248.56138                      397318.26
3767251.08      107.24989
         397358.26    3767251.08       93.78568                      397398.26
3767251.08       78.68318
         397438.26    3767251.08       68.94172                      397478.26
3767251.08       61.46759
         397518.26    3767251.08       49.19267                      397558.26
3767251.08       41.54596
         397598.26    3767251.08       33.25789                      397638.26
3767251.08       24.43155
         397678.26    3767251.08       19.88322                      397718.26
3767251.08       17.21139
         396558.26    3767291.08       23.24838                      396598.26
3767291.08       21.14689
         396638.26    3767291.08       20.54371                      396678.26
3767291.08       19.36027
         396718.26    3767291.08       18.57272                      396758.26
3767291.08       20.72374
         396798.26    3767291.08       23.90033                      396838.26
3767291.08       28.81595
         396878.26    3767291.08       38.67428                      396918.26
3767291.08       55.23307
         396958.26    3767291.08       65.39236                      396998.26
3767291.08       75.56442
         397038.26    3767291.08       77.87571                      397078.26
3767291.08       82.35775
         397118.26    3767291.08      107.99910                      397158.26
3767291.08      194.16857
         397278.26    3767291.08      115.31369                      397318.26
3767291.08      102.04223
         397358.26    3767291.08       86.31806                      397398.26
3767291.08       73.98651
         397438.26    3767291.08       65.81826                      397478.26
3767291.08       59.51646
         397518.26    3767291.08       53.32348                      397558.26
3767291.08       48.20705
         397598.26    3767291.08       43.17142                      397638.26
3767291.08       34.84922
         397678.26    3767291.08       25.14982                      397718.26
3767291.08       20.16353
         396558.26    3767331.08       29.72966                      396598.26
3767331.08       30.37608
         396638.26    3767331.08       29.93572                      396678.26
3767331.08       23.89740
         396718.26    3767331.08       20.01834                      396758.26
3767331.08       20.24938
         396798.26    3767331.08       22.83900                      396838.26
3767331.08       26.13006
         396878.26    3767331.08       33.81810                      396918.26
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3767331.08   48.74994
         396958.26   3767331.08   55.74467   396998.26
3767331.08   60.11937
         397038.26   3767331.08   62.69095   397078.26
3767331.08   72.34977
         397118.26   3767331.08   91.74317   397158.26
3767331.08   112.86276

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397198.26   3767331.08   118.85166   397238.26
3767331.08   115.12528
         397278.26   3767331.08   102.68727   397318.26
3767331.08   88.61824
         397358.26   3767331.08   78.73578   397398.26
3767331.08   71.06164
         397438.26   3767331.08   63.02409   397478.26
3767331.08   57.47094
         397518.26   3767331.08   52.64857   397558.26
3767331.08   47.78030
         397598.26   3767331.08   44.37951   397638.26
3767331.08   39.84507
         397678.26   3767331.08   30.41934   397718.26
3767331.08   23.56227

396558.26 3767371.08 29.28213 396598.26
3767371.08 28.30587
396638.26 3767371.08 26.46424 396678.26
3767371.08 19.89140
396718.26 3767371.08 17.04348 396758.26
3767371.08 18.57727
396798.26 3767371.08 20.43197 396838.26
3767371.08 23.24258
396878.26 3767371.08 26.94965 396918.26
3767371.08 39.65616
396958.26 3767371.08 47.52839 396998.26
3767371.08 51.10477
397038.26 3767371.08 53.51044 397078.26
3767371.08 55.85898
397118.26 3767371.08 68.81557 397158.26
3767371.08 81.88394
397198.26 3767371.08 88.78892 397238.26
3767371.08 90.93683
397278.26 3767371.08 84.98963 397318.26
3767371.08 80.65898
397358.26 3767371.08 73.00972 397398.26
3767371.08 64.45180
397438.26 3767371.08 60.17588 397478.26
3767371.08 55.21874
397518.26 3767371.08 50.27534 397558.26
3767371.08 47.16553
397598.26 3767371.08 43.62504 397638.26
3767371.08 40.28446
397678.26 3767371.08 36.48797 397718.26
3767371.08 28.11393
396558.26 3767411.08 29.06274 396598.26
3767411.08 25.61614
396638.26 3767411.08 19.73057 396678.26
3767411.08 16.09152
396718.26 3767411.08 15.44716 396758.26
3767411.08 16.98077
396798.26 3767411.08 18.52009 396838.26
3767411.08 20.22025
396878.26 3767411.08 23.05678 396918.26
3767411.08 31.31822
396958.26 3767411.08 42.04376 396998.26
3767411.08 46.44802
397038.26 3767411.08 47.10381 397078.26
3767411.08 47.61978
397118.26 3767411.08 56.58344 397158.26
3767411.08 64.97043
397198.26 3767411.08 73.43999 397238.26
3767411.08 76.03889
397278.26 3767411.08 75.29032 397318.26
3767411.08 70.69338

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396798.26   3767451.08   16.17857   396838.26
3767451.08   17.99181
         396878.26   3767451.08   19.96973   396918.26
3767451.08   27.48309
         396958.26   3767451.08   37.57486   396998.26

3767451.08 41.04736
397038.26 3767451.08 44.11814 397078.26
3767451.08 44.45395
397118.26 3767451.08 48.19189 397158.26
3767451.08 57.03485
397198.26 3767451.08 62.78266 397238.26
3767451.08 66.22113
397278.26 3767451.08 66.56234 397318.26
3767451.08 64.92428
397358.26 3767451.08 60.16687 397398.26
3767451.08 56.60262
397438.26 3767451.08 53.09599 397478.26
3767451.08 48.32564
397518.26 3767451.08 45.70204 397558.26
3767451.08 43.58678
397598.26 3767451.08 40.68980 397638.26
3767451.08 38.76054
397678.26 3767451.08 36.04769 397718.26
3767451.08 33.52053
396558.26 3767491.08 24.54114 396598.26
3767491.08 22.33348
396638.26 3767491.08 22.85730 396678.26
3767491.08 23.98867
396718.26 3767491.08 21.76029 396758.26
3767491.08 13.65466
396798.26 3767491.08 14.62211 396838.26
3767491.08 16.19426
396878.26 3767491.08 17.52758 396918.26
3767491.08 23.39708
396958.26 3767491.08 31.52036 396998.26
3767491.08 37.21775
397038.26 3767491.08 41.19384 397078.26
3767491.08 41.93271
397118.26 3767491.08 43.03603 397158.26
3767491.08 50.33370
397198.26 3767491.08 53.88276 397238.26
3767491.08 58.75811
397278.26 3767491.08 58.93968 397318.26
3767491.08 58.42794
397358.26 3767491.08 56.14335 397398.26
3767491.08 51.81221
397438.26 3767491.08 49.97559 397478.26
3767491.08 46.34202
397518.26 3767491.08 43.41840 397558.26
3767491.08 40.62637
397598.26 3767491.08 39.38086 397638.26
3767491.08 37.28736
397678.26 3767491.08 34.91275 397718.26
3767491.08 33.09026
396558.26 3767531.08 23.64622 396598.26

3767531.08   24.22383
         396638.26   3767531.08   27.33315   396678.26
3767531.08   28.04044
         396718.26   3767531.08   23.37939   396758.26
3767531.08   12.26698
         396798.26   3767531.08   13.29270   396838.26
3767531.08   14.52158
         396878.26   3767531.08   15.87745   396918.26
3767531.08   19.08482
         396958.26   3767531.08   25.45644   396998.26
3767531.08   32.16744
         397038.26   3767531.08   37.52393   397078.26
3767531.08   39.71778
         397118.26   3767531.08   40.41779   397158.26
3767531.08   44.61573
         397198.26   3767531.08   48.76732   397238.26
3767531.08   52.18870
         397278.26   3767531.08   53.71253   397318.26
3767531.08   53.06170
         397358.26   3767531.08   51.32481   397398.26
3767531.08   48.21588
         397438.26   3767531.08   45.41430   397478.26
3767531.08   44.00037
         397518.26   3767531.08   41.05153   397558.26
3767531.08   39.23137

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   EG01   , EG08
 , EG24   , L0000001   , L0000002   ,
                 L0000003   , L0000004   , L0000005   , L0000006   , L0000007
 , L0000008   , L0000009   , L0000010   ,
                 L0000011   , L0000012   , L0000013   , L0000014   , L0000015
 , L0000016   , L0000017   , L0000018   ,
                 L0000019   , L0000020   , L0000021   , L0000022   , L0000023
 , L0000024   , L0000025   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3
                    **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397598.26	3767531.08	36.88468	397638.26	3767531.08	35.47320
397678.26	3767531.08	33.77011	397718.26	3767531.08	31.68568
397320.82	3767219.11	118.51002	397330.82	3767209.11	108.98371
397340.82	3767189.11	103.54878	397340.82	3767199.11	100.39160
397340.82	3767209.11	98.41831	397350.82	3767189.11	92.57340
397350.82	3767199.11	89.82325	397360.82	3767189.11	78.96218
397360.82	3767199.11	78.39120	397370.82	3767189.11	65.63809
397380.82	3767189.11	58.87906	396920.42	3767167.32	82.97916
396989.95	3767243.54	106.91567	397044.10	3767223.97	246.74719
397113.57	3767239.93	261.66714	397158.63	3767280.29	219.72213
397168.95	3767307.05	144.53564	397244.05	3767296.72	142.02285
397260.95	3767278.88	152.68754	397409.74	3767205.66	66.27058
397422.89	3767189.23	54.84886	397426.64	3767180.78	53.03090
397420.54	3767170.46	50.01282	397318.68	3767160.13	142.51626
397022.98	3767083.62	147.85892	396943.60	3767192.73	113.98226
396966.77	3767218.13	120.91849	397017.03	3767233.75	181.63617
397078.83	3767231.95	255.49069	397136.10	3767260.11	241.27379
397206.50	3767301.88	155.54915	397298.15	3767260.58	113.91371
397335.34	3767242.27	101.96068	397372.54	3767223.96	79.99734
397386.59	3767167.02	57.99518	397352.63	3767163.57	82.87703
397276.44	3767149.20	181.15413	397234.19	3767138.27	183.27321
397191.95	3767127.34	192.44834	397149.71	3767116.41	200.16412
397107.47	3767105.48	198.18233	397065.22	3767094.55	182.98275

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST MAX DAILY 1-HR RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
GENERATO	1ST HIGHEST VALUE IS	78.69854	AT (397118.26, 3767051.08, 109.09, 134.58, 2.00)	DC	
	2ND HIGHEST VALUE IS	72.30138	AT (397118.26, 3767091.08, 108.72, 149.01, 2.00)	DC	
	3RD HIGHEST VALUE IS	69.45829	AT (397278.26, 3767051.08, 110.42, 149.01, 2.00)	DC	
	4TH HIGHEST VALUE IS	68.85866	AT (397078.26, 3767051.08, 107.76, 134.58, 2.00)	DC	
	5TH HIGHEST VALUE IS	67.69962	AT (397198.26, 3767011.08, 109.67, 147.56, 2.00)	DC	
	6TH HIGHEST VALUE IS	67.33812	AT (397340.82, 3767189.11, 113.51, 149.27, 0.00)	DC	
	7TH HIGHEST VALUE IS	67.08663	AT (397107.47, 3767105.48, 108.70, 149.01, 2.00)	DC	
	8TH HIGHEST VALUE IS	66.65783	AT (397238.26, 3767011.08, 109.51, 149.01, 2.00)	DC	
	9TH HIGHEST VALUE IS	66.61078	AT (397038.26, 3767051.08, 105.89, 140.23, 2.00)	DC	
	10TH HIGHEST VALUE IS	66.15794	AT (397350.82, 3767189.11, 113.73, 149.27, 0.00)	DC	
AREA	1ST HIGHEST VALUE IS	271.57362	AT (397113.57, 3767239.93, 112.10, 187.57, 2.00)	DC	
	2ND HIGHEST VALUE IS	264.79878	AT (397078.83, 3767231.95, 113.14, 149.01, 2.00)	DC	
	3RD HIGHEST VALUE IS	257.90944	AT (397118.26, 3767251.08,		

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113.68,   187.57,    2.00)  DC
         4TH HIGHEST VALUE IS     255.48181 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
         5TH HIGHEST VALUE IS     251.83711 AT (  397136.10,  3767260.11,
112.86,   188.90,    2.00)  DC
         6TH HIGHEST VALUE IS     231.87618 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
         7TH HIGHEST VALUE IS     212.76078 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
         8TH HIGHEST VALUE IS     208.03698 AT (  397149.71,  3767116.41,
109.66,   149.01,    2.00)  DC
         9TH HIGHEST VALUE IS     205.59101 AT (  397107.47,  3767105.48,
108.70,   149.01,    2.00)  DC
        10TH HIGHEST VALUE IS     200.25620 AT (  397191.95,  3767127.34,
110.39,   149.01,    2.00)  DC

ALL      1ST HIGHEST VALUE IS     271.70713 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
         2ND HIGHEST VALUE IS     264.93878 AT (  397078.83,  3767231.95,
113.14,   149.01,    2.00)  DC
         3RD HIGHEST VALUE IS     258.04801 AT (  397118.26,  3767251.08,
113.68,   187.57,    2.00)  DC
         4TH HIGHEST VALUE IS     255.62388 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
         5TH HIGHEST VALUE IS     251.94944 AT (  397136.10,  3767260.11,
112.86,   188.90,    2.00)  DC
         6TH HIGHEST VALUE IS     231.99216 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
         7TH HIGHEST VALUE IS     212.88054 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
         8TH HIGHEST VALUE IS     208.15724 AT (  397149.71,  3767116.41,
109.66,   149.01,    2.00)  DC
         9TH HIGHEST VALUE IS     205.71247 AT (  397107.47,  3767105.48,
108.70,   149.01,    2.00)  DC
        10TH HIGHEST VALUE IS     200.38300 AT (  397191.95,  3767127.34,
110.39,   149.01,    2.00)  DC

 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                     *** THE SUMMARY OF MAXIMUM   8TH-HIGHEST MAX DAILY  1-HR
RESULTS AVERAGED OVER   5 YEARS ***


                                  ** CONC OF NO2      IN MICROGRAMS/M**3
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                         NETWORK
GROUP ID                        AVERAGE CONC                RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

GENERATO  1ST HIGHEST VALUE IS      61.19627 AT (  397038.26,  3767051.08,
105.89,   140.23,    2.00)  DC
          2ND HIGHEST VALUE IS      60.06812 AT (  397022.98,  3767083.62,
105.68,   142.19,    2.00)  DC
          3RD HIGHEST VALUE IS      59.77828 AT (  396998.26,  3767091.08,
105.38,   142.19,    2.00)  DC
          4TH HIGHEST VALUE IS      56.94701 AT (  396988.79,  3767111.52,
106.28,   142.19,    2.00)  DC
          5TH HIGHEST VALUE IS      51.44104 AT (  397158.26,  3767331.08,
126.82,   142.19,    2.00)  DC
          6TH HIGHEST VALUE IS      49.19891 AT (  397078.26,  3767051.08,
107.76,   134.58,    2.00)  DC
          7TH HIGHEST VALUE IS      46.50970 AT (  397340.82,  3767209.11,
115.03,   149.27,    0.00)  DC
          8TH HIGHEST VALUE IS      46.21890 AT (  397350.82,  3767189.11,
113.73,   149.27,    0.00)  DC
          9TH HIGHEST VALUE IS      46.08337 AT (  397078.26,  3767091.08,
107.82,   147.56,    2.00)  DC
         10TH HIGHEST VALUE IS      45.95499 AT (  397198.26,  3767331.08,
125.94,   149.01,    2.00)  DC

AREA      1ST HIGHEST VALUE IS     261.56169 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          2ND HIGHEST VALUE IS     255.38507 AT (  397078.83,  3767231.95,
113.14,   149.01,    2.00)  DC
          3RD HIGHEST VALUE IS     248.45155 AT (  397118.26,  3767251.08,
113.68,   187.57,    2.00)  DC
          4TH HIGHEST VALUE IS     246.67262 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          5TH HIGHEST VALUE IS     241.15786 AT (  397136.10,  3767260.11,
112.86,   188.90,    2.00)  DC
          6TH HIGHEST VALUE IS     219.59624 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          7TH HIGHEST VALUE IS     200.07248 AT (  397149.71,  3767116.41,
109.66,   149.01,    2.00)  DC
          8TH HIGHEST VALUE IS     198.08992 AT (  397107.47,  3767105.48,
108.70,   149.01,    2.00)  DC
          9TH HIGHEST VALUE IS     194.04246 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
         10TH HIGHEST VALUE IS     192.34755 AT (  397191.95,  3767127.34,
110.39,   149.01,    2.00)  DC
```

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ALL       1ST HIGHEST VALUE IS     261.66714 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          2ND HIGHEST VALUE IS     255.49069 AT (  397078.83,  3767231.95,
113.14,   149.01,    2.00)  DC
          3RD HIGHEST VALUE IS     248.56138 AT (  397118.26,  3767251.08,
113.68,   187.57,    2.00)  DC
          4TH HIGHEST VALUE IS     246.74719 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          5TH HIGHEST VALUE IS     241.27379 AT (  397136.10,  3767260.11,
112.86,   188.90,    2.00)  DC
          6TH HIGHEST VALUE IS     219.72213 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          7TH HIGHEST VALUE IS     200.16412 AT (  397149.71,  3767116.41,
109.66,   149.01,    2.00)  DC
          8TH HIGHEST VALUE IS     198.18233 AT (  397107.47,  3767105.48,
108.70,   149.01,    2.00)  DC
          9TH HIGHEST VALUE IS     194.16857 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
         10TH HIGHEST VALUE IS     192.44834 AT (  397191.95,  3767127.34,
110.39,   149.01,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:52:36

                                  PAGE  81
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            4 Warning Message(s)
 A Total of         1277 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          152 Calm Hours Identified

 A Total of         1125 Missing Hours Identified (  2.57 Percent)


    ******** FATAL ERROR MESSAGES ********
```

```
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     905       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     905       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
  15010101
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
2 year gap

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

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**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 9/22/2025
** File: C:\Lakes\AERMOD View\Saturn\Saturn_NAAQS\Saturn_NAAQS.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Saturn Data Center_Cons\Saturn Data Center_Cons
   MODELOPT CONC
   AVERTIME 1 ANNUAL
   URBANOPT 9830000 Los_Angeles
   POLLUTID NO2
   RUNORNOT RUN
   ERRORFIL Saturn_NAAQS.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION EG01         POINT      397047.306  3767179.215      112.471
** DESCRSRC EG01
   LOCATION EG02         POINT      397058.994  3767182.562      112.471
** DESCRSRC EG02
   LOCATION EG03         POINT      397065.817  3767183.756      112.471
** DESCRSRC EG03
   LOCATION EG04         POINT      397077.261  3767187.083      112.471
** DESCRSRC EG04
   LOCATION EG05         POINT      397083.355  3767188.485      112.471
** DESCRSRC EG05
   LOCATION EG06         POINT      397095.396  3767191.888      112.471
** DESCRSRC EG06
   LOCATION EG07         POINT      397101.071  3767193.568      112.471
** DESCRSRC EG07
   LOCATION EG08         POINT      397112.728  3767196.954      112.471
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** DESCRSRC EG08
   LOCATION EG09         POINT      397117.682  3767198.038      112.471
** DESCRSRC EG09
   LOCATION EG10         POINT      397130.989  3767201.046      112.471
** DESCRSRC EG10
   LOCATION EG11         POINT      397137.409  3767203.301      112.471
** DESCRSRC EG11
   LOCATION EG12         POINT      397148.441  3767206.617      112.471
** DESCRSRC EG12
   LOCATION EG13         POINT      397154.731  3767208.051      112.471
** DESCRSRC EG13
   LOCATION EG14         POINT      397166.615  3767211.117      112.471
** DESCRSRC EG14
   LOCATION EG15         POINT      397172.700  3767212.670      112.471
** DESCRSRC EG15
   LOCATION EG16         POINT      397184.130  3767216.150      112.471
** DESCRSRC EG16
   LOCATION EG17         POINT      397190.740  3767217.240      112.471
** DESCRSRC EG17
   LOCATION EG18         POINT      397202.170  3767220.970      112.471
** DESCRSRC EG18
   LOCATION EG19         POINT      397208.300  3767222.530      112.471
** DESCRSRC EG19
   LOCATION EG20         POINT      397220.080  3767225.660      112.471
** DESCRSRC EG20
   LOCATION EG21         POINT      397225.980  3767227.340      112.471
** DESCRSRC EG21
   LOCATION EG22         POINT      397237.640  3767229.990      112.471
** DESCRSRC EG22
   LOCATION EG23         POINT      397244.020  3767232.150      112.471
** DESCRSRC EG23
   LOCATION EG24         POINT      397256.040  3767235.040      112.471
** DESCRSRC EG24
** Source Parameters **
   SRCPARAM EG01           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG02           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG03           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG04           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG05           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG06           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG07           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG08           0.0117    14.326   756.483 32.6741244228888      0.61
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   SRCPARAM EG09           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG10           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG11           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG12           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG13           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG14           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG15           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG16           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG17           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG18           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG19           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG20           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG21           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG22           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG23           0.0117    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG24           0.0117    14.326   756.483 32.6741244228888      0.61


** Building Downwash **
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02           12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG03           12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG03           12.80    12.80    12.80    12.80    12.80    12.80
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BUILDHGT EG03	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG03	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG03	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG03	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG04	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG04	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG04	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG04	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG04	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG04	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG05	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG05	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG05	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG05	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG05	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG05	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG21	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG21	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG21	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG21	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG21	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG21	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG22	284.00	270.01	247.81	218.08	181.73	139.85

BUILDWID EG22	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG22	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG22	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG22	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG22	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG23	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG23	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG23	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG23	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG23	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG23	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDLEN EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81

BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG11	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG11	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG12	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG12	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG12	218.08	181.73	139.85	93.73	103.87	148.81

BUILDLEN EG12	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG12	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG12	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG13	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG13	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG13	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG13	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG13	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG13	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG14	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG14	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG14	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG14	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG14	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG14	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG15	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG15	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG15	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG15	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG15	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG15	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG16	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG16	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG16	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG16	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG16	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG16	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG17	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG17	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG17	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG17	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG17	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG17	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG18	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG18	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG18	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG18	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG18	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG18	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG19	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG19	189.23	223.90	251.77	271.99	283.95	287.27

BUILDLEN	EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87
XBADJ	EG02	-90.87	-89.77	-85.94	-79.50	-70.65	-59.65
XBADJ	EG02	-46.83	-41.50	-39.68	-36.65	-32.51	-27.38
XBADJ	EG02	-21.42	-14.81	-7.75	-0.45	-19.03	-59.60
XBADJ	EG02	-98.36	-134.13	-165.83	-192.49	-213.30	-227.63
XBADJ	EG02	-235.04	-244.44	-249.69	-247.35	-237.50	-220.43

XBADJ	EG02	-196.66	-166.92	-132.10	-93.27	-84.84	-89.21
XBADJ	EG03	-93.24	-93.23	-90.40	-84.81	-76.65	-66.16
XBADJ	EG03	-53.66	-48.44	-46.51	-43.17	-38.52	-32.70
XBADJ	EG03	-25.88	-18.28	-10.13	-1.66	-19.03	-58.40
XBADJ	EG03	-95.99	-130.67	-161.38	-187.18	-207.29	-221.11
XBADJ	EG03	-228.21	-237.51	-242.86	-240.83	-231.49	-215.11
XBADJ	EG03	-192.20	-163.45	-129.73	-92.07	-84.83	-90.41
XBADJ	EG04	-98.49	-100.27	-98.99	-94.71	-87.55	-77.73
XBADJ	EG04	-65.55	-60.28	-57.95	-53.86	-48.13	-40.95
XBADJ	EG04	-32.51	-23.09	-12.97	-2.45	-17.75	-55.08
XBADJ	EG04	-90.74	-123.64	-152.78	-177.28	-196.40	-209.54
XBADJ	EG04	-216.32	-225.66	-231.42	-230.14	-221.88	-206.87
XBADJ	EG04	-185.57	-158.64	-126.88	-91.27	-86.12	-93.73
XBADJ	EG05	-100.93	-103.67	-103.25	-99.70	-93.12	-83.70
XBADJ	EG05	-71.75	-66.52	-64.04	-59.61	-53.38	-45.52
XBADJ	EG05	-36.28	-25.94	-14.80	-3.22	-17.43	-53.68
XBADJ	EG05	-88.30	-120.24	-148.52	-172.29	-190.83	-203.57
XBADJ	EG05	-210.12	-219.42	-225.33	-224.39	-216.63	-202.29
XBADJ	EG05	-181.80	-155.79	-125.05	-90.50	-86.44	-95.13
XBADJ	EG06	-106.38	-110.99	-112.23	-110.06	-104.54	-95.84
XBADJ	EG06	-84.24	-78.98	-76.09	-70.89	-63.54	-54.25
XBADJ	EG06	-43.32	-31.07	-17.88	-4.14	-16.16	-50.27
XBADJ	EG06	-82.85	-112.91	-139.55	-161.94	-179.41	-191.43
XBADJ	EG06	-197.63	-206.96	-213.28	-213.12	-206.47	-193.56
XBADJ	EG06	-174.77	-150.66	-121.98	-89.59	-87.70	-98.54
XBADJ	EG07	-109.02	-114.51	-116.52	-114.99	-109.96	-101.60
XBADJ	EG07	-90.14	-84.85	-81.76	-76.18	-68.29	-58.32
XBADJ	EG07	-46.58	-33.43	-19.26	-4.50	-15.49	-48.59
XBADJ	EG07	-80.21	-109.40	-135.26	-157.01	-173.99	-185.68
XBADJ	EG07	-191.73	-201.09	-207.61	-207.82	-201.72	-189.49
XBADJ	EG07	-171.50	-148.30	-120.60	-89.23	-88.37	-100.22
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73
XBADJ	EG08	-53.34	-38.33	-22.16	-5.31	-14.19	-45.21
XBADJ	EG08	-74.86	-102.23	-126.50	-146.92	-162.88	-173.89
XBADJ	EG08	-179.62	-189.02	-195.95	-196.93	-191.92	-181.08
XBADJ	EG08	-164.74	-143.40	-117.69	-88.42	-89.68	-103.60
XBADJ	EG09	-116.31	-124.39	-128.69	-129.09	-125.56	-118.21
XBADJ	EG09	-107.28	-101.99	-98.37	-91.76	-82.37	-70.47
XBADJ	EG09	-56.43	-40.68	-23.69	-5.98	-13.97	-44.12
XBADJ	EG09	-72.92	-99.51	-123.08	-142.90	-158.39	-169.06
XBADJ	EG09	-174.59	-183.96	-191.00	-192.24	-187.64	-177.34
XBADJ	EG09	-161.65	-141.05	-116.16	-87.75	-89.89	-104.69

XBADJ	EG10	-121.58	-131.77	-137.96	-139.95	-137.69	-131.25
XBADJ	EG10	-120.82	-115.62	-111.68	-104.35	-93.85	-80.49
XBADJ	EG10	-64.69	-46.93	-27.74	-7.70	-13.32	-41.11
XBADJ	EG10	-67.65	-92.13	-113.82	-132.04	-146.26	-156.03
XBADJ	EG10	-161.06	-170.32	-177.69	-179.66	-176.16	-167.32
XBADJ	EG10	-153.39	-134.80	-112.11	-86.02	-90.54	-107.70
XBADJ	EG11	-124.91	-136.08	-143.11	-145.80	-144.05	-137.93
XBADJ	EG11	-127.62	-122.33	-118.10	-110.28	-99.11	-84.93
XBADJ	EG11	-68.17	-49.33	-29.00	-7.79	-12.22	-38.86
XBADJ	EG11	-64.32	-87.82	-108.66	-126.19	-139.89	-149.34
XBADJ	EG11	-154.25	-163.61	-171.27	-173.72	-170.90	-162.88
XBADJ	EG11	-149.92	-132.40	-110.85	-85.94	-91.65	-109.95
XBADJ	EG12	-130.10	-142.97	-151.50	-155.43	-154.64	-149.14
XBADJ	EG12	-139.12	-133.77	-129.13	-120.57	-108.34	-92.82
XBADJ	EG12	-74.48	-53.88	-31.64	-8.44	-10.87	-35.54
XBADJ	EG12	-59.13	-80.93	-100.27	-116.56	-129.31	-138.13
XBADJ	EG12	-142.75	-152.17	-160.24	-163.44	-161.67	-154.99
XBADJ	EG12	-143.60	-127.85	-108.21	-85.29	-93.00	-113.27
XBADJ	EG13	-132.60	-146.47	-155.89	-160.57	-160.38	-155.31
XBADJ	EG13	-145.52	-140.21	-135.42	-126.51	-113.76	-97.55
XBADJ	EG13	-78.38	-56.83	-33.55	-9.25	-10.55	-34.11
XBADJ	EG13	-56.63	-77.44	-95.89	-111.42	-123.57	-131.97
XBADJ	EG13	-136.35	-145.73	-153.95	-157.49	-156.25	-150.26
XBADJ	EG13	-139.70	-124.90	-106.31	-84.48	-93.32	-114.70
XBADJ	EG14	-137.69	-153.42	-164.49	-170.57	-171.46	-167.14
XBADJ	EG14	-157.74	-152.46	-147.31	-137.69	-123.88	-106.31
XBADJ	EG14	-85.51	-62.12	-36.83	-10.43	-9.59	-31.04
XBADJ	EG14	-51.55	-70.48	-87.28	-101.43	-112.49	-120.14
XBADJ	EG14	-124.13	-133.49	-142.06	-146.32	-146.13	-141.50
XBADJ	EG14	-132.57	-119.61	-103.02	-83.30	-94.27	-117.77
XBADJ	EG15	-140.27	-156.96	-168.87	-175.66	-177.11	-173.18
XBADJ	EG15	-163.98	-158.71	-153.39	-143.41	-129.07	-110.80
XBADJ	EG15	-89.18	-64.84	-38.53	-11.05	-9.12	-29.49
XBADJ	EG15	-48.96	-66.95	-82.90	-96.33	-106.84	-114.10
XBADJ	EG15	-117.89	-127.23	-135.98	-140.60	-140.94	-137.01
XBADJ	EG15	-128.91	-116.89	-101.32	-82.68	-94.75	-119.32
XBADJ	EG16	-145.68	-164.14	-177.60	-185.67	-188.10	-184.82
XBADJ	EG16	-175.92	-170.57	-164.82	-154.06	-138.62	-118.96
XBADJ	EG16	-95.69	-69.52	-41.23	-11.69	-7.68	-26.01
XBADJ	EG16	-43.55	-59.77	-74.17	-86.32	-95.84	-102.46
XBADJ	EG16	-105.96	-115.37	-124.55	-129.95	-131.39	-128.85
XBADJ	EG16	-122.39	-112.21	-98.62	-82.04	-96.19	-122.80

XBADJ	EG17	-147.90	-167.42	-181.85	-190.76	-193.87	-191.09
XBADJ	EG17	-182.50	-177.27	-171.43	-160.38	-144.46	-124.14
XBADJ	EG17	-100.06	-72.93	-43.59	-12.93	-7.75	-24.92
XBADJ	EG17	-41.33	-56.48	-69.92	-81.23	-90.08	-96.19
XBADJ	EG17	-99.37	-108.67	-117.94	-123.63	-125.55	-123.67
XBADJ	EG17	-118.03	-108.80	-96.26	-80.80	-96.11	-123.89
XBADJ	EG18	-153.56	-174.83	-190.80	-200.96	-205.02	-202.85
XBADJ	EG18	-194.52	-189.18	-182.86	-170.99	-153.92	-132.18
XBADJ	EG18	-106.42	-77.42	-46.08	-13.33	-6.06	-21.19
XBADJ	EG18	-35.67	-49.07	-60.98	-71.03	-78.93	-84.42
XBADJ	EG18	-87.36	-96.77	-106.51	-113.02	-116.09	-115.64
XBADJ	EG18	-111.67	-104.31	-93.78	-80.40	-97.80	-127.62
XBADJ	EG19	-156.16	-178.40	-195.21	-206.10	-210.72	-208.94
XBADJ	EG19	-200.81	-195.48	-188.99	-176.75	-159.15	-136.71
XBADJ	EG19	-110.11	-80.17	-47.79	-13.96	-5.59	-19.63
XBADJ	EG19	-33.07	-45.51	-56.56	-65.89	-73.23	-78.33
XBADJ	EG19	-81.06	-90.46	-100.38	-107.25	-110.86	-111.11
XBADJ	EG19	-107.97	-101.56	-92.06	-79.77	-98.27	-129.18
XBADJ	EG20	-161.29	-185.37	-203.81	-216.07	-221.76	-220.71
XBADJ	EG20	-212.95	-207.63	-200.77	-187.81	-169.15	-145.34
XBADJ	EG20	-117.12	-85.34	-50.97	-15.05	-4.56	-16.50
XBADJ	EG20	-27.94	-38.54	-47.96	-55.93	-62.19	-66.57
XBADJ	EG20	-68.92	-78.31	-88.60	-96.19	-100.86	-102.47
XBADJ	EG20	-100.96	-96.39	-88.88	-78.68	-99.31	-132.31
XBADJ	EG21	-163.97	-188.96	-208.22	-221.15	-227.36	-226.66
XBADJ	EG21	-219.07	-213.73	-206.67	-193.33	-174.12	-149.61
XBADJ	EG21	-120.56	-87.85	-52.46	-15.49	-3.93	-14.82
XBADJ	EG21	-25.26	-34.94	-43.55	-50.85	-56.59	-60.62
XBADJ	EG21	-62.80	-72.21	-82.70	-90.67	-95.89	-98.20
XBADJ	EG21	-97.52	-93.88	-87.39	-78.24	-99.94	-133.99
XBADJ	EG22	-168.60	-195.44	-216.34	-230.67	-237.99	-238.08
XBADJ	EG22	-230.93	-225.67	-218.33	-204.35	-184.17	-158.38
XBADJ	EG22	-127.79	-93.31	-56.00	-16.99	-3.34	-12.17
XBADJ	EG22	-20.63	-28.46	-35.43	-41.32	-45.96	-49.20
XBADJ	EG22	-50.94	-60.27	-71.04	-79.65	-85.84	-89.43
XBADJ	EG22	-90.29	-88.42	-83.85	-76.74	-100.53	-136.64
XBADJ	EG23	-171.84	-199.65	-221.40	-236.43	-244.27	-244.68
XBADJ	EG23	-237.67	-232.33	-224.71	-210.26	-189.42	-162.83
XBADJ	EG23	-131.29	-95.76	-57.32	-17.14	-2.32	-10.01
XBADJ	EG23	-17.39	-24.25	-30.37	-35.57	-39.68	-42.59
XBADJ	EG23	-44.21	-53.61	-64.66	-73.74	-80.59	-84.98
XBADJ	EG23	-86.79	-85.97	-82.53	-76.59	-101.55	-138.80
XBADJ	EG24	-176.77	-206.48	-229.92	-246.37	-255.33	-256.54

XBADJ	EG24	-249.95	-244.67	-236.73	-221.60	-199.73	-171.79
XBADJ	EG24	-138.64	-101.27	-60.83	-18.53	-1.56	-7.12
XBADJ	EG24	-12.46	-17.42	-21.86	-25.62	-28.62	-30.74
XBADJ	EG24	-31.92	-41.27	-52.64	-62.41	-70.28	-76.02
XBADJ	EG24	-79.44	-80.46	-79.03	-75.19	-102.30	-141.69
YBADJ	EG01	-116.27	-112.33	-104.97	-94.42	-81.00	-65.12
YBADJ	EG01	-47.27	-31.64	-11.46	9.06	29.31	48.68
YBADJ	EG01	66.56	82.42	95.77	106.22	113.55	116.69
YBADJ	EG01	116.27	112.33	104.97	94.42	81.00	65.12
YBADJ	EG01	47.27	31.64	11.46	-9.06	-29.31	-48.68
YBADJ	EG01	-66.56	-82.42	-95.77	-106.22	-113.55	-116.69
YBADJ	EG02	-105.35	-102.49	-96.52	-87.62	-76.05	-62.18
YBADJ	EG02	-46.41	-32.91	-14.80	3.75	22.18	39.94
YBADJ	EG02	56.49	71.32	83.99	94.10	101.47	105.01
YBADJ	EG02	105.35	102.49	96.52	87.62	76.05	62.18
YBADJ	EG02	46.41	32.91	14.80	-3.75	-22.18	-39.94
YBADJ	EG02	-56.49	-71.32	-83.99	-94.10	-101.47	-105.01
YBADJ	EG03	-98.83	-96.49	-91.21	-83.16	-72.58	-59.80
YBADJ	EG03	-45.20	-32.90	-16.00	1.38	18.72	35.49
YBADJ	EG03	51.18	65.32	77.47	87.27	94.54	98.18
YBADJ	EG03	98.83	96.49	91.21	83.16	72.58	59.80
YBADJ	EG03	45.20	32.90	16.00	-1.38	-18.72	-35.49
YBADJ	EG03	-51.18	-65.32	-77.47	-87.27	-94.54	-98.18
YBADJ	EG04	-88.14	-86.87	-82.96	-76.53	-67.77	-56.96
YBADJ	EG04	-44.41	-34.18	-19.32	-3.88	11.69	26.89
YBADJ	EG04	41.29	54.42	65.91	75.39	82.69	86.74
YBADJ	EG04	88.14	86.87	82.96	76.53	67.77	56.96
YBADJ	EG04	44.41	34.18	19.32	3.88	-11.69	-26.89
YBADJ	EG04	-41.29	-54.42	-65.91	-75.39	-82.69	-86.74
YBADJ	EG05	-82.39	-81.63	-78.39	-72.76	-64.93	-55.12
YBADJ	EG05	-43.64	-34.51	-20.72	-6.32	8.29	22.64
YBADJ	EG05	36.30	48.86	59.93	69.19	76.45	80.65
YBADJ	EG05	82.39	81.63	78.39	72.76	64.93	55.12
YBADJ	EG05	43.64	34.51	20.72	6.32	-8.29	-22.64
YBADJ	EG05	-36.30	-48.86	-59.93	-69.19	-76.45	-80.65
YBADJ	EG06	-71.11	-71.47	-69.66	-65.72	-59.80	-52.05
YBADJ	EG06	-42.72	-35.77	-24.13	-11.77	0.96	13.66
YBADJ	EG06	25.94	37.44	47.79	56.70	63.99	68.60
YBADJ	EG06	71.11	71.47	69.66	65.72	59.80	52.05
YBADJ	EG06	42.72	35.77	24.13	11.77	-0.96	-13.66
YBADJ	EG06	-25.94	-37.44	-47.79	-56.70	-63.99	-68.60
YBADJ	EG07	-65.82	-66.72	-65.58	-62.46	-57.44	-50.67
YBADJ	EG07	-42.36	-36.44	-25.81	-14.40	-2.56	9.37

YBADJ	EG07	21.01	32.01	42.04	50.79	58.12	62.93
YBADJ	EG07	65.82	66.72	65.58	62.46	57.44	50.67
YBADJ	EG07	42.36	36.44	25.81	14.40	2.56	-9.37
YBADJ	EG07	-21.01	-32.01	-42.04	-50.79	-58.12	-62.93
YBADJ	EG08	-54.92	-56.92	-57.18	-55.70	-52.53	-47.77
YBADJ	EG08	-41.55	-37.74	-29.19	-19.76	-9.72	0.61
YBADJ	EG08	10.93	20.91	30.25	38.68	46.05	51.27
YBADJ	EG08	54.92	56.92	57.18	55.70	52.53	47.77
YBADJ	EG08	41.55	37.74	29.19	19.76	9.72	-0.61
YBADJ	EG08	-10.93	-20.91	-30.25	-38.68	-46.05	-51.27
YBADJ	EG09	-50.24	-52.64	-53.43	-52.61	-50.19	-46.24
YBADJ	EG09	-40.88	-37.96	-30.28	-21.69	-12.44	-2.81
YBADJ	EG09	6.91	16.41	25.42	33.66	40.98	46.32
YBADJ	EG09	50.24	52.64	53.43	52.61	50.19	46.24
YBADJ	EG09	40.88	37.96	30.28	21.69	12.44	2.81
YBADJ	EG09	-6.91	-16.41	-25.42	-33.66	-40.98	-46.32
YBADJ	EG10	-37.65	-41.16	-43.41	-44.35	-43.94	-42.19
YBADJ	EG10	-39.16	-38.61	-33.29	-26.97	-19.82	-12.07
YBADJ	EG10	-3.95	4.28	12.39	20.12	27.35	33.01
YBADJ	EG10	37.65	41.16	43.41	44.35	43.94	42.19
YBADJ	EG10	39.16	38.61	33.29	26.97	19.82	12.07
YBADJ	EG10	3.95	-4.28	-12.39	-20.12	-27.35	-33.01
YBADJ	EG11	-31.72	-35.90	-38.98	-40.88	-41.53	-40.93
YBADJ	EG11	-39.08	-39.71	-35.54	-30.30	-24.13	-17.23
YBADJ	EG11	-9.80	-2.08	5.71	13.32	20.64	26.59
YBADJ	EG11	31.72	35.90	38.98	40.88	41.53	40.93
YBADJ	EG11	39.08	39.71	35.54	30.30	24.13	17.23
YBADJ	EG11	9.80	2.08	-5.71	-13.32	-20.64	-26.59
YBADJ	EG12	-21.44	-26.67	-31.09	-34.56	-36.99	-38.29
YBADJ	EG12	-38.43	-41.07	-38.86	-35.48	-31.02	-25.62
YBADJ	EG12	-19.44	-12.66	-5.51	1.82	9.20	15.56
YBADJ	EG12	21.44	26.67	31.09	34.56	36.99	38.29
YBADJ	EG12	38.43	41.07	38.86	35.48	31.02	25.62
YBADJ	EG12	19.44	12.66	5.51	-1.82	-9.20	-15.56
YBADJ	EG13	-15.49	-21.24	-26.35	-30.66	-34.04	-36.38
YBADJ	EG13	-37.62	-41.38	-40.29	-37.98	-34.52	-30.00
YBADJ	EG13	-24.57	-18.40	-11.67	-4.58	2.76	9.27
YBADJ	EG13	15.49	21.24	26.35	30.66	34.04	36.38
YBADJ	EG13	37.62	41.38	40.29	37.98	34.52	30.00
YBADJ	EG13	24.57	18.40	11.67	4.58	-2.76	-9.27
YBADJ	EG14	-4.31	-11.12	-17.59	-23.53	-28.75	-33.09
YBADJ	EG14	-36.44	-42.34	-43.36	-43.07	-41.47	-38.61
YBADJ	EG14	-34.57	-29.48	-23.50	-16.81	-9.48	-2.62

YBADJ	EG14	4.31	11.12	17.59	23.53	28.75	33.09
YBADJ	EG14	36.44	42.34	43.36	43.07	41.47	38.61
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YBADJ	EG15	1.40	-5.94	-13.10	-19.87	-26.03	-31.40
YBADJ	EG15	-35.81	-42.81	-44.92	-45.65	-45.00	-42.99
YBADJ	EG15	-39.66	-35.14	-29.54	-23.05	-15.74	-8.70
YBADJ	EG15	-1.40	5.94	13.10	19.87	26.03	31.40
YBADJ	EG15	35.81	42.81	44.92	45.65	45.00	42.99
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YBADJ	EG16	12.06	3.61	-4.94	-13.35	-21.35	-28.70
YBADJ	EG16	-35.17	-44.25	-48.40	-51.07	-52.18	-51.72
YBADJ	EG16	-49.68	-46.13	-41.18	-34.98	-27.60	-20.13
YBADJ	EG16	-12.06	-3.61	4.94	13.35	21.35	28.70
YBADJ	EG16	35.17	44.25	48.40	51.07	52.18	51.72
YBADJ	EG16	49.68	46.13	41.18	34.98	27.60	20.13
YBADJ	EG17	18.38	9.45	0.24	-8.98	-17.93	-26.33
YBADJ	EG17	-33.94	-44.18	-49.49	-53.29	-55.47	-55.97
YBADJ	EG17	-54.76	-51.89	-47.45	-41.56	-34.30	-26.74
YBADJ	EG17	-18.38	-9.45	-0.24	8.98	17.93	26.33
YBADJ	EG17	33.94	44.18	49.49	53.29	55.47	55.97
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YBADJ	EG18	-33.53	-45.87	-53.22	-58.94	-62.88	-64.91
YBADJ	EG18	-64.97	-63.05	-59.21	-53.58	-46.20	-38.17
YBADJ	EG18	-28.99	-18.92	-8.27	2.63	13.44	23.85
YBADJ	EG18	33.53	45.87	53.22	58.94	62.88	64.91
YBADJ	EG18	64.97	63.05	59.21	53.58	46.20	38.17
YBADJ	EG19	34.75	24.14	12.80	1.07	-10.70	-22.14
YBADJ	EG19	-32.90	-46.34	-54.78	-61.55	-66.45	-69.33
YBADJ	EG19	-70.10	-68.75	-65.30	-59.87	-52.51	-44.30
YBADJ	EG19	-34.75	-24.14	-12.80	-1.07	10.70	22.14
YBADJ	EG19	32.90	46.34	54.78	61.55	66.45	69.33
YBADJ	EG19	70.10	68.75	65.30	59.87	52.51	44.30
YBADJ	EG20	45.81	34.14	21.44	8.08	-5.52	-18.96
YBADJ	EG20	-31.81	-47.38	-57.91	-66.67	-73.42	-77.93
YBADJ	EG20	-80.07	-79.78	-77.07	-72.01	-64.66	-56.08
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YBADJ	EG20	31.81	47.38	57.91	66.67	73.42	77.93
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YBADJ	EG21	51.33	39.11	25.71	11.52	-3.02	-17.46
YBADJ	EG21	-31.38	-48.01	-59.59	-69.35	-77.01	-82.33
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YBADJ	EG21	-51.33	-39.11	-25.71	-11.52	3.02	17.46

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   YBADJ    EG22            62.35    49.16    34.48    18.75     2.45   -13.93
   YBADJ    EG22           -29.88   -48.59   -62.24   -73.99   -83.49   -90.46
   YBADJ    EG22           -94.68   -96.02   -94.44   -90.00   -82.70   -73.64
   YBADJ    EG22           -62.35   -49.16   -34.48   -18.75    -2.45    13.93
   YBADJ    EG22            29.88    48.59    62.24    73.99    83.49    90.46
   YBADJ    EG22            94.68    96.02    94.44    90.00    82.70    73.64

   YBADJ    EG23            68.26    54.42    38.92    22.25     4.89   -12.61
   YBADJ    EG23           -29.73   -49.61   -64.40   -77.22   -87.70   -95.52
   YBADJ    EG23          -100.43  -102.29  -101.05   -96.73   -89.36   -80.02
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   YBADJ    EG23            29.73    49.61    64.40    77.22    87.70    95.52
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   YBADJ    EG24            79.59    64.72    47.89    29.60    10.41    -9.10
   YBADJ    EG24           -28.33   -50.37   -67.29   -82.16   -94.53  -104.03
   YBADJ    EG24          -110.37  -113.36  -112.90  -109.01  -101.70   -92.04
   YBADJ    EG24           -79.59   -64.72   -47.89   -29.60   -10.41     9.10
   YBADJ    EG24            28.33    50.37    67.29    82.16    94.53   104.03
   YBADJ    EG24           110.37   113.36   112.90   109.01   101.70    92.04

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   SRCGROUP Generato EG12 EG13 EG14 EG15 EG16 EG17 EG18 EG19 EG20 EG21 EG22
   SRCGROUP Generato EG23 EG24
   SRCGROUP ALL
SO FINISHED
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** AERMOD Receptor Pathway
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RE STARTING
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RE FINISHED
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** AERMOD Meteorology Pathway
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   PROFFILE PICO_V9_ADJU\PICO_v9.PFL
   SURFDATA 3166 2010 Pico
   UAIRDATA 3190 2010
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   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
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** AERMOD Output Pathway
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   RECTABLE 1 1ST 8TH
** Auto-Generated Plotfiles
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   PLOTFILE 1 Generato 1ST SATURN_NAAQS.AD\01H1G001.PLT 32
   PLOTFILE 1 ALL 8TH SATURN_NAAQS.AD\01H8GALL.PLT 33
   PLOTFILE 1 Generato 8TH SATURN_NAAQS.AD\01H8G000.PLT 34
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OU FINISHED
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** Project Parameters
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** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
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** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 9/22/2025
** File: C:\Lakes\AERMOD View\Saturn\Saturn_NAAQS\Saturn_NAAQS.ADI
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** AERMOD Control Pathway
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   AVERTIME 1 ANNUAL
   URBANOPT 9830000 Los_Angeles
   POLLUTID NO2
   RUNORNOT RUN
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CO FINISHED
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** AERMOD Source Pathway
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** Source ID - Type - X Coord. - Y Coord. **
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   LOCATION EG02         POINT      397058.994  3767182.562      112.471
** DESCRSRC EG02
   LOCATION EG03         POINT      397065.817  3767183.756      112.471
** DESCRSRC EG03
   LOCATION EG04         POINT      397077.261  3767187.083      112.471
** DESCRSRC EG04
   LOCATION EG05         POINT      397083.355  3767188.485      112.471
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   LOCATION EG06         POINT      397095.396  3767191.888      112.471
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   LOCATION EG07         POINT      397101.071  3767193.568      112.471
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   LOCATION EG11         POINT      397137.409  3767203.301      112.471
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   LOCATION EG12         POINT      397148.441  3767206.617      112.471
** DESCRSRC EG12
   LOCATION EG13         POINT      397154.731  3767208.051      112.471
** DESCRSRC EG13
   LOCATION EG14         POINT      397166.615  3767211.117      112.471
** DESCRSRC EG14
   LOCATION EG15         POINT      397172.700  3767212.670      112.471
** DESCRSRC EG15
   LOCATION EG16         POINT      397184.130  3767216.150      112.471
** DESCRSRC EG16
   LOCATION EG17         POINT      397190.740  3767217.240      112.471
** DESCRSRC EG17
   LOCATION EG18         POINT      397202.170  3767220.970      112.471
** DESCRSRC EG18
   LOCATION EG19         POINT      397208.300  3767222.530      112.471
** DESCRSRC EG19
   LOCATION EG20         POINT      397220.080  3767225.660      112.471
** DESCRSRC EG20
   LOCATION EG21         POINT      397225.980  3767227.340      112.471
** DESCRSRC EG21
   LOCATION EG22         POINT      397237.640  3767229.990      112.471
** DESCRSRC EG22
   LOCATION EG23         POINT      397244.020  3767232.150      112.471
** DESCRSRC EG23
   LOCATION EG24         POINT      397256.040  3767235.040      112.471
** DESCRSRC EG24
** Source Parameters **
   SRCPARAM EG01           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG02           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG03           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG04           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG05           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG06           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG07           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG08           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG09           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG10           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG11           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG12           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG13           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG14           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG15           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG16           0.0117    14.326   756.483 32.6741244228888      0.61
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   SRCPARAM EG17           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG18           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG19           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG20           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG21           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG22           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG23           0.0117    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG24           0.0117    14.326   756.483 32.6741244228888      0.61

** Building Downwash **
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   BUILDHGT EG01           12.80     12.80     12.80     12.80     12.80     12.80
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   BUILDHGT EG01           12.80     12.80     12.80     12.80     12.80     12.80

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   BUILDHGT EG03           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG03           12.80     12.80     12.80     12.80     12.80     12.80

   BUILDHGT EG04           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG04           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG04           12.80     12.80     12.80     12.80     12.80     12.80
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   BUILDHGT EG05           12.80     12.80     12.80     12.80     12.80     12.80

   BUILDHGT EG06           12.80     12.80     12.80     12.80     12.80     12.80
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   BUILDHGT EG06           12.80     12.80     12.80     12.80     12.80     12.80
   BUILDHGT EG06           12.80     12.80     12.80     12.80     12.80     12.80
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BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85

BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
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BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
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BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77

BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
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BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
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BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG21	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG21	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG21	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG21	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG21	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG21	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG22	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG22	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG22	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG22	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG22	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG22	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG23	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG23	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG23	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG23	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG23	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG23	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG24	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG24	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG24	271.99	283.95	287.27	281.87	285.94	289.37
BUILDLEN EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG01	189.23	223.90	251.77	271.99	283.95	287.27

BUILDLEN EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81

BUILDLEN EG08 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG09 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG09 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG09 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG09 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG09 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG09 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG10 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG10 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG10 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG10 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG10 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG10 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG11 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG11 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG11 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG11 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG11 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG11 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG12 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG12 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG12 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG12 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG12 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG12 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG13 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG13 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG13 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG13 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG13 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG13 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG14 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG14 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG14 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG14 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG14 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG14 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG15 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG15 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG15 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG15 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG15 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG15 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG16	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG16	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG16	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG16	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG16	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG16	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG17	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG17	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG17	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG17	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG17	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG17	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG18	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG18	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG18	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG18	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG18	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG18	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG19	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG19	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG22	218.08	181.73	139.85	93.73	103.87	148.81

BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87
XBADJ	EG02	-90.87	-89.77	-85.94	-79.50	-70.65	-59.65
XBADJ	EG02	-46.83	-41.50	-39.68	-36.65	-32.51	-27.38
XBADJ	EG02	-21.42	-14.81	-7.75	-0.45	-19.03	-59.60
XBADJ	EG02	-98.36	-134.13	-165.83	-192.49	-213.30	-227.63
XBADJ	EG02	-235.04	-244.44	-249.69	-247.35	-237.50	-220.43
XBADJ	EG02	-196.66	-166.92	-132.10	-93.27	-84.84	-89.21
XBADJ	EG03	-93.24	-93.23	-90.40	-84.81	-76.65	-66.16
XBADJ	EG03	-53.66	-48.44	-46.51	-43.17	-38.52	-32.70
XBADJ	EG03	-25.88	-18.28	-10.13	-1.66	-19.03	-58.40
XBADJ	EG03	-95.99	-130.67	-161.38	-187.18	-207.29	-221.11
XBADJ	EG03	-228.21	-237.51	-242.86	-240.83	-231.49	-215.11
XBADJ	EG03	-192.20	-163.45	-129.73	-92.07	-84.83	-90.41
XBADJ	EG04	-98.49	-100.27	-98.99	-94.71	-87.55	-77.73
XBADJ	EG04	-65.55	-60.28	-57.95	-53.86	-48.13	-40.95
XBADJ	EG04	-32.51	-23.09	-12.97	-2.45	-17.75	-55.08
XBADJ	EG04	-90.74	-123.64	-152.78	-177.28	-196.40	-209.54
XBADJ	EG04	-216.32	-225.66	-231.42	-230.14	-221.88	-206.87
XBADJ	EG04	-185.57	-158.64	-126.88	-91.27	-86.12	-93.73
XBADJ	EG05	-100.93	-103.67	-103.25	-99.70	-93.12	-83.70
XBADJ	EG05	-71.75	-66.52	-64.04	-59.61	-53.38	-45.52
XBADJ	EG05	-36.28	-25.94	-14.80	-3.22	-17.43	-53.68
XBADJ	EG05	-88.30	-120.24	-148.52	-172.29	-190.83	-203.57
XBADJ	EG05	-210.12	-219.42	-225.33	-224.39	-216.63	-202.29
XBADJ	EG05	-181.80	-155.79	-125.05	-90.50	-86.44	-95.13
XBADJ	EG06	-106.38	-110.99	-112.23	-110.06	-104.54	-95.84

XBADJ	EG06	-84.24	-78.98	-76.09	-70.89	-63.54	-54.25
XBADJ	EG06	-43.32	-31.07	-17.88	-4.14	-16.16	-50.27
XBADJ	EG06	-82.85	-112.91	-139.55	-161.94	-179.41	-191.43
XBADJ	EG06	-197.63	-206.96	-213.28	-213.12	-206.47	-193.56
XBADJ	EG06	-174.77	-150.66	-121.98	-89.59	-87.70	-98.54
XBADJ	EG07	-109.02	-114.51	-116.52	-114.99	-109.96	-101.60
XBADJ	EG07	-90.14	-84.85	-81.76	-76.18	-68.29	-58.32
XBADJ	EG07	-46.58	-33.43	-19.26	-4.50	-15.49	-48.59
XBADJ	EG07	-80.21	-109.40	-135.26	-157.01	-173.99	-185.68
XBADJ	EG07	-191.73	-201.09	-207.61	-207.82	-201.72	-189.49
XBADJ	EG07	-171.50	-148.30	-120.60	-89.23	-88.37	-100.22
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73
XBADJ	EG08	-53.34	-38.33	-22.16	-5.31	-14.19	-45.21
XBADJ	EG08	-74.86	-102.23	-126.50	-146.92	-162.88	-173.89
XBADJ	EG08	-179.62	-189.02	-195.95	-196.93	-191.92	-181.08
XBADJ	EG08	-164.74	-143.40	-117.69	-88.42	-89.68	-103.60
XBADJ	EG09	-116.31	-124.39	-128.69	-129.09	-125.56	-118.21
XBADJ	EG09	-107.28	-101.99	-98.37	-91.76	-82.37	-70.47
XBADJ	EG09	-56.43	-40.68	-23.69	-5.98	-13.97	-44.12
XBADJ	EG09	-72.92	-99.51	-123.08	-142.90	-158.39	-169.06
XBADJ	EG09	-174.59	-183.96	-191.00	-192.24	-187.64	-177.34
XBADJ	EG09	-161.65	-141.05	-116.16	-87.75	-89.89	-104.69
XBADJ	EG10	-121.58	-131.77	-137.96	-139.95	-137.69	-131.25
XBADJ	EG10	-120.82	-115.62	-111.68	-104.35	-93.85	-80.49
XBADJ	EG10	-64.69	-46.93	-27.74	-7.70	-13.32	-41.11
XBADJ	EG10	-67.65	-92.13	-113.82	-132.04	-146.26	-156.03
XBADJ	EG10	-161.06	-170.32	-177.69	-179.66	-176.16	-167.32
XBADJ	EG10	-153.39	-134.80	-112.11	-86.02	-90.54	-107.70
XBADJ	EG11	-124.91	-136.08	-143.11	-145.80	-144.05	-137.93
XBADJ	EG11	-127.62	-122.33	-118.10	-110.28	-99.11	-84.93
XBADJ	EG11	-68.17	-49.33	-29.00	-7.79	-12.22	-38.86
XBADJ	EG11	-64.32	-87.82	-108.66	-126.19	-139.89	-149.34
XBADJ	EG11	-154.25	-163.61	-171.27	-173.72	-170.90	-162.88
XBADJ	EG11	-149.92	-132.40	-110.85	-85.94	-91.65	-109.95
XBADJ	EG12	-130.10	-142.97	-151.50	-155.43	-154.64	-149.14
XBADJ	EG12	-139.12	-133.77	-129.13	-120.57	-108.34	-92.82
XBADJ	EG12	-74.48	-53.88	-31.64	-8.44	-10.87	-35.54
XBADJ	EG12	-59.13	-80.93	-100.27	-116.56	-129.31	-138.13
XBADJ	EG12	-142.75	-152.17	-160.24	-163.44	-161.67	-154.99
XBADJ	EG12	-143.60	-127.85	-108.21	-85.29	-93.00	-113.27
XBADJ	EG13	-132.60	-146.47	-155.89	-160.57	-160.38	-155.31
XBADJ	EG13	-145.52	-140.21	-135.42	-126.51	-113.76	-97.55

XBADJ	EG13	-78.38	-56.83	-33.55	-9.25	-10.55	-34.11
XBADJ	EG13	-56.63	-77.44	-95.89	-111.42	-123.57	-131.97
XBADJ	EG13	-136.35	-145.73	-153.95	-157.49	-156.25	-150.26
XBADJ	EG13	-139.70	-124.90	-106.31	-84.48	-93.32	-114.70
XBADJ	EG14	-137.69	-153.42	-164.49	-170.57	-171.46	-167.14
XBADJ	EG14	-157.74	-152.46	-147.31	-137.69	-123.88	-106.31
XBADJ	EG14	-85.51	-62.12	-36.83	-10.43	-9.59	-31.04
XBADJ	EG14	-51.55	-70.48	-87.28	-101.43	-112.49	-120.14
XBADJ	EG14	-124.13	-133.49	-142.06	-146.32	-146.13	-141.50
XBADJ	EG14	-132.57	-119.61	-103.02	-83.30	-94.27	-117.77
XBADJ	EG15	-140.27	-156.96	-168.87	-175.66	-177.11	-173.18
XBADJ	EG15	-163.98	-158.71	-153.39	-143.41	-129.07	-110.80
XBADJ	EG15	-89.18	-64.84	-38.53	-11.05	-9.12	-29.49
XBADJ	EG15	-48.96	-66.95	-82.90	-96.33	-106.84	-114.10
XBADJ	EG15	-117.89	-127.23	-135.98	-140.60	-140.94	-137.01
XBADJ	EG15	-128.91	-116.89	-101.32	-82.68	-94.75	-119.32
XBADJ	EG16	-145.68	-164.14	-177.60	-185.67	-188.10	-184.82
XBADJ	EG16	-175.92	-170.57	-164.82	-154.06	-138.62	-118.96
XBADJ	EG16	-95.69	-69.52	-41.23	-11.69	-7.68	-26.01
XBADJ	EG16	-43.55	-59.77	-74.17	-86.32	-95.84	-102.46
XBADJ	EG16	-105.96	-115.37	-124.55	-129.95	-131.39	-128.85
XBADJ	EG16	-122.39	-112.21	-98.62	-82.04	-96.19	-122.80
XBADJ	EG17	-147.90	-167.42	-181.85	-190.76	-193.87	-191.09
XBADJ	EG17	-182.50	-177.27	-171.43	-160.38	-144.46	-124.14
XBADJ	EG17	-100.06	-72.93	-43.59	-12.93	-7.75	-24.92
XBADJ	EG17	-41.33	-56.48	-69.92	-81.23	-90.08	-96.19
XBADJ	EG17	-99.37	-108.67	-117.94	-123.63	-125.55	-123.67
XBADJ	EG17	-118.03	-108.80	-96.26	-80.80	-96.11	-123.89
XBADJ	EG18	-153.56	-174.83	-190.80	-200.96	-205.02	-202.85
XBADJ	EG18	-194.52	-189.18	-182.86	-170.99	-153.92	-132.18
XBADJ	EG18	-106.42	-77.42	-46.08	-13.33	-6.06	-21.19
XBADJ	EG18	-35.67	-49.07	-60.98	-71.03	-78.93	-84.42
XBADJ	EG18	-87.36	-96.77	-106.51	-113.02	-116.09	-115.64
XBADJ	EG18	-111.67	-104.31	-93.78	-80.40	-97.80	-127.62
XBADJ	EG19	-156.16	-178.40	-195.21	-206.10	-210.72	-208.94
XBADJ	EG19	-200.81	-195.48	-188.99	-176.75	-159.15	-136.71
XBADJ	EG19	-110.11	-80.17	-47.79	-13.96	-5.59	-19.63
XBADJ	EG19	-33.07	-45.51	-56.56	-65.89	-73.23	-78.33
XBADJ	EG19	-81.06	-90.46	-100.38	-107.25	-110.86	-111.11
XBADJ	EG19	-107.97	-101.56	-92.06	-79.77	-98.27	-129.18
XBADJ	EG20	-161.29	-185.37	-203.81	-216.07	-221.76	-220.71
XBADJ	EG20	-212.95	-207.63	-200.77	-187.81	-169.15	-145.34
XBADJ	EG20	-117.12	-85.34	-50.97	-15.05	-4.56	-16.50

XBADJ	EG20	-27.94	-38.54	-47.96	-55.93	-62.19	-66.57
XBADJ	EG20	-68.92	-78.31	-88.60	-96.19	-100.86	-102.47
XBADJ	EG20	-100.96	-96.39	-88.88	-78.68	-99.31	-132.31
XBADJ	EG21	-163.97	-188.96	-208.22	-221.15	-227.36	-226.66
XBADJ	EG21	-219.07	-213.73	-206.67	-193.33	-174.12	-149.61
XBADJ	EG21	-120.56	-87.85	-52.46	-15.49	-3.93	-14.82
XBADJ	EG21	-25.26	-34.94	-43.55	-50.85	-56.59	-60.62
XBADJ	EG21	-62.80	-72.21	-82.70	-90.67	-95.89	-98.20
XBADJ	EG21	-97.52	-93.88	-87.39	-78.24	-99.94	-133.99
XBADJ	EG22	-168.60	-195.44	-216.34	-230.67	-237.99	-238.08
XBADJ	EG22	-230.93	-225.67	-218.33	-204.35	-184.17	-158.38
XBADJ	EG22	-127.79	-93.31	-56.00	-16.99	-3.34	-12.17
XBADJ	EG22	-20.63	-28.46	-35.43	-41.32	-45.96	-49.20
XBADJ	EG22	-50.94	-60.27	-71.04	-79.65	-85.84	-89.43
XBADJ	EG22	-90.29	-88.42	-83.85	-76.74	-100.53	-136.64
XBADJ	EG23	-171.84	-199.65	-221.40	-236.43	-244.27	-244.68
XBADJ	EG23	-237.67	-232.33	-224.71	-210.26	-189.42	-162.83
XBADJ	EG23	-131.29	-95.76	-57.32	-17.14	-2.32	-10.01
XBADJ	EG23	-17.39	-24.25	-30.37	-35.57	-39.68	-42.59
XBADJ	EG23	-44.21	-53.61	-64.66	-73.74	-80.59	-84.98
XBADJ	EG23	-86.79	-85.97	-82.53	-76.59	-101.55	-138.80
XBADJ	EG24	-176.77	-206.48	-229.92	-246.37	-255.33	-256.54
XBADJ	EG24	-249.95	-244.67	-236.73	-221.60	-199.73	-171.79
XBADJ	EG24	-138.64	-101.27	-60.83	-18.53	-1.56	-7.12
XBADJ	EG24	-12.46	-17.42	-21.86	-25.62	-28.62	-30.74
XBADJ	EG24	-31.92	-41.27	-52.64	-62.41	-70.28	-76.02
XBADJ	EG24	-79.44	-80.46	-79.03	-75.19	-102.30	-141.69
YBADJ	EG01	-116.27	-112.33	-104.97	-94.42	-81.00	-65.12
YBADJ	EG01	-47.27	-31.64	-11.46	9.06	29.31	48.68
YBADJ	EG01	66.56	82.42	95.77	106.22	113.55	116.69
YBADJ	EG01	116.27	112.33	104.97	94.42	81.00	65.12
YBADJ	EG01	47.27	31.64	11.46	-9.06	-29.31	-48.68
YBADJ	EG01	-66.56	-82.42	-95.77	-106.22	-113.55	-116.69
YBADJ	EG02	-105.35	-102.49	-96.52	-87.62	-76.05	-62.18
YBADJ	EG02	-46.41	-32.91	-14.80	3.75	22.18	39.94
YBADJ	EG02	56.49	71.32	83.99	94.10	101.47	105.01
YBADJ	EG02	105.35	102.49	96.52	87.62	76.05	62.18
YBADJ	EG02	46.41	32.91	14.80	-3.75	-22.18	-39.94
YBADJ	EG02	-56.49	-71.32	-83.99	-94.10	-101.47	-105.01
YBADJ	EG03	-98.83	-96.49	-91.21	-83.16	-72.58	-59.80
YBADJ	EG03	-45.20	-32.90	-16.00	1.38	18.72	35.49
YBADJ	EG03	51.18	65.32	77.47	87.27	94.54	98.18
YBADJ	EG03	98.83	96.49	91.21	83.16	72.58	59.80

YBADJ	EG03	45.20	32.90	16.00	-1.38	-18.72	-35.49
YBADJ	EG03	-51.18	-65.32	-77.47	-87.27	-94.54	-98.18
YBADJ	EG04	-88.14	-86.87	-82.96	-76.53	-67.77	-56.96
YBADJ	EG04	-44.41	-34.18	-19.32	-3.88	11.69	26.89
YBADJ	EG04	41.29	54.42	65.91	75.39	82.69	86.74
YBADJ	EG04	88.14	86.87	82.96	76.53	67.77	56.96
YBADJ	EG04	44.41	34.18	19.32	3.88	-11.69	-26.89
YBADJ	EG04	-41.29	-54.42	-65.91	-75.39	-82.69	-86.74
YBADJ	EG05	-82.39	-81.63	-78.39	-72.76	-64.93	-55.12
YBADJ	EG05	-43.64	-34.51	-20.72	-6.32	8.29	22.64
YBADJ	EG05	36.30	48.86	59.93	69.19	76.45	80.65
YBADJ	EG05	82.39	81.63	78.39	72.76	64.93	55.12
YBADJ	EG05	43.64	34.51	20.72	6.32	-8.29	-22.64
YBADJ	EG05	-36.30	-48.86	-59.93	-69.19	-76.45	-80.65
YBADJ	EG06	-71.11	-71.47	-69.66	-65.72	-59.80	-52.05
YBADJ	EG06	-42.72	-35.77	-24.13	-11.77	0.96	13.66
YBADJ	EG06	25.94	37.44	47.79	56.70	63.99	68.60
YBADJ	EG06	71.11	71.47	69.66	65.72	59.80	52.05
YBADJ	EG06	42.72	35.77	24.13	11.77	-0.96	-13.66
YBADJ	EG06	-25.94	-37.44	-47.79	-56.70	-63.99	-68.60
YBADJ	EG07	-65.82	-66.72	-65.58	-62.46	-57.44	-50.67
YBADJ	EG07	-42.36	-36.44	-25.81	-14.40	-2.56	9.37
YBADJ	EG07	21.01	32.01	42.04	50.79	58.12	62.93
YBADJ	EG07	65.82	66.72	65.58	62.46	57.44	50.67
YBADJ	EG07	42.36	36.44	25.81	14.40	2.56	-9.37
YBADJ	EG07	-21.01	-32.01	-42.04	-50.79	-58.12	-62.93
YBADJ	EG08	-54.92	-56.92	-57.18	-55.70	-52.53	-47.77
YBADJ	EG08	-41.55	-37.74	-29.19	-19.76	-9.72	0.61
YBADJ	EG08	10.93	20.91	30.25	38.68	46.05	51.27
YBADJ	EG08	54.92	56.92	57.18	55.70	52.53	47.77
YBADJ	EG08	41.55	37.74	29.19	19.76	9.72	-0.61
YBADJ	EG08	-10.93	-20.91	-30.25	-38.68	-46.05	-51.27
YBADJ	EG09	-50.24	-52.64	-53.43	-52.61	-50.19	-46.24
YBADJ	EG09	-40.88	-37.96	-30.28	-21.69	-12.44	-2.81
YBADJ	EG09	6.91	16.41	25.42	33.66	40.98	46.32
YBADJ	EG09	50.24	52.64	53.43	52.61	50.19	46.24
YBADJ	EG09	40.88	37.96	30.28	21.69	12.44	2.81
YBADJ	EG09	-6.91	-16.41	-25.42	-33.66	-40.98	-46.32
YBADJ	EG10	-37.65	-41.16	-43.41	-44.35	-43.94	-42.19
YBADJ	EG10	-39.16	-38.61	-33.29	-26.97	-19.82	-12.07
YBADJ	EG10	-3.95	4.28	12.39	20.12	27.35	33.01
YBADJ	EG10	37.65	41.16	43.41	44.35	43.94	42.19
YBADJ	EG10	39.16	38.61	33.29	26.97	19.82	12.07

YBADJ	EG10	3.95	-4.28	-12.39	-20.12	-27.35	-33.01
YBADJ	EG11	-31.72	-35.90	-38.98	-40.88	-41.53	-40.93
YBADJ	EG11	-39.08	-39.71	-35.54	-30.30	-24.13	-17.23
YBADJ	EG11	-9.80	-2.08	5.71	13.32	20.64	26.59
YBADJ	EG11	31.72	35.90	38.98	40.88	41.53	40.93
YBADJ	EG11	39.08	39.71	35.54	30.30	24.13	17.23
YBADJ	EG11	9.80	2.08	-5.71	-13.32	-20.64	-26.59
YBADJ	EG12	-21.44	-26.67	-31.09	-34.56	-36.99	-38.29
YBADJ	EG12	-38.43	-41.07	-38.86	-35.48	-31.02	-25.62
YBADJ	EG12	-19.44	-12.66	-5.51	1.82	9.20	15.56
YBADJ	EG12	21.44	26.67	31.09	34.56	36.99	38.29
YBADJ	EG12	38.43	41.07	38.86	35.48	31.02	25.62
YBADJ	EG12	19.44	12.66	5.51	-1.82	-9.20	-15.56
YBADJ	EG13	-15.49	-21.24	-26.35	-30.66	-34.04	-36.38
YBADJ	EG13	-37.62	-41.38	-40.29	-37.98	-34.52	-30.00
YBADJ	EG13	-24.57	-18.40	-11.67	-4.58	2.76	9.27
YBADJ	EG13	15.49	21.24	26.35	30.66	34.04	36.38
YBADJ	EG13	37.62	41.38	40.29	37.98	34.52	30.00
YBADJ	EG13	24.57	18.40	11.67	4.58	-2.76	-9.27
YBADJ	EG14	-4.31	-11.12	-17.59	-23.53	-28.75	-33.09
YBADJ	EG14	-36.44	-42.34	-43.36	-43.07	-41.47	-38.61
YBADJ	EG14	-34.57	-29.48	-23.50	-16.81	-9.48	-2.62
YBADJ	EG14	4.31	11.12	17.59	23.53	28.75	33.09
YBADJ	EG14	36.44	42.34	43.36	43.07	41.47	38.61
YBADJ	EG14	34.57	29.48	23.50	16.81	9.48	2.62
YBADJ	EG15	1.40	-5.94	-13.10	-19.87	-26.03	-31.40
YBADJ	EG15	-35.81	-42.81	-44.92	-45.65	-45.00	-42.99
YBADJ	EG15	-39.66	-35.14	-29.54	-23.05	-15.74	-8.70
YBADJ	EG15	-1.40	5.94	13.10	19.87	26.03	31.40
YBADJ	EG15	35.81	42.81	44.92	45.65	45.00	42.99
YBADJ	EG15	39.66	35.14	29.54	23.05	15.74	8.70
YBADJ	EG16	12.06	3.61	-4.94	-13.35	-21.35	-28.70
YBADJ	EG16	-35.17	-44.25	-48.40	-51.07	-52.18	-51.72
YBADJ	EG16	-49.68	-46.13	-41.18	-34.98	-27.60	-20.13
YBADJ	EG16	-12.06	-3.61	4.94	13.35	21.35	28.70
YBADJ	EG16	35.17	44.25	48.40	51.07	52.18	51.72
YBADJ	EG16	49.68	46.13	41.18	34.98	27.60	20.13
YBADJ	EG17	18.38	9.45	0.24	-8.98	-17.93	-26.33
YBADJ	EG17	-33.94	-44.18	-49.49	-53.29	-55.47	-55.97
YBADJ	EG17	-54.76	-51.89	-47.45	-41.56	-34.30	-26.74
YBADJ	EG17	-18.38	-9.45	-0.24	8.98	17.93	26.33
YBADJ	EG17	33.94	44.18	49.49	53.29	55.47	55.97
YBADJ	EG17	54.76	51.89	47.45	41.56	34.30	26.74

YBADJ	EG18	28.99	18.92	8.27	-2.63	-13.44	-23.85
YBADJ	EG18	-33.53	-45.87	-53.22	-58.94	-62.88	-64.91
YBADJ	EG18	-64.97	-63.05	-59.21	-53.58	-46.20	-38.17
YBADJ	EG18	-28.99	-18.92	-8.27	2.63	13.44	23.85
YBADJ	EG18	33.53	45.87	53.22	58.94	62.88	64.91
YBADJ	EG18	64.97	63.05	59.21	53.58	46.20	38.17
YBADJ	EG19	34.75	24.14	12.80	1.07	-10.70	-22.14
YBADJ	EG19	-32.90	-46.34	-54.78	-61.55	-66.45	-69.33
YBADJ	EG19	-70.10	-68.75	-65.30	-59.87	-52.51	-44.30
YBADJ	EG19	-34.75	-24.14	-12.80	-1.07	10.70	22.14
YBADJ	EG19	32.90	46.34	54.78	61.55	66.45	69.33
YBADJ	EG19	70.10	68.75	65.30	59.87	52.51	44.30
YBADJ	EG20	45.81	34.14	21.44	8.08	-5.52	-18.96
YBADJ	EG20	-31.81	-47.38	-57.91	-66.67	-73.42	-77.93
YBADJ	EG20	-80.07	-79.78	-77.07	-72.01	-64.66	-56.08
YBADJ	EG20	-45.81	-34.14	-21.44	-8.08	5.52	18.96
YBADJ	EG20	31.81	47.38	57.91	66.67	73.42	77.93
YBADJ	EG20	80.07	79.78	77.07	72.01	64.66	56.08
YBADJ	EG21	51.33	39.11	25.71	11.52	-3.02	-17.46
YBADJ	EG21	-31.38	-48.01	-59.59	-69.35	-77.01	-82.33
YBADJ	EG21	-85.15	-85.38	-83.02	-78.13	-70.76	-61.98
YBADJ	EG21	-51.33	-39.11	-25.71	-11.52	3.02	17.46
YBADJ	EG21	31.38	48.01	59.59	69.35	77.01	82.33
YBADJ	EG21	85.15	85.38	83.02	78.13	70.76	61.98
YBADJ	EG22	62.35	49.16	34.48	18.75	2.45	-13.93
YBADJ	EG22	-29.88	-48.59	-62.24	-73.99	-83.49	-90.46
YBADJ	EG22	-94.68	-96.02	-94.44	-90.00	-82.70	-73.64
YBADJ	EG22	-62.35	-49.16	-34.48	-18.75	-2.45	13.93
YBADJ	EG22	29.88	48.59	62.24	73.99	83.49	90.46
YBADJ	EG22	94.68	96.02	94.44	90.00	82.70	73.64
YBADJ	EG23	68.26	54.42	38.92	22.25	4.89	-12.61
YBADJ	EG23	-29.73	-49.61	-64.40	-77.22	-87.70	-95.52
YBADJ	EG23	-100.43	-102.29	-101.05	-96.73	-89.36	-80.02
YBADJ	EG23	-68.26	-54.42	-38.92	-22.25	-4.89	12.61
YBADJ	EG23	29.73	49.61	64.40	77.22	87.70	95.52
YBADJ	EG23	100.43	102.29	101.05	96.73	89.36	80.02
YBADJ	EG24	79.59	64.72	47.89	29.60	10.41	-9.10
YBADJ	EG24	-28.33	-50.37	-67.29	-82.16	-94.53	-104.03
YBADJ	EG24	-110.37	-113.36	-112.90	-109.01	-101.70	-92.04
YBADJ	EG24	-79.59	-64.72	-47.89	-29.60	-10.41	9.10
YBADJ	EG24	28.33	50.37	67.29	82.16	94.53	104.03
YBADJ	EG24	110.37	113.36	112.90	109.01	101.70	92.04

```
   URBANSRC ALL
   SRCGROUP Generato EG01 EG02 EG03 EG04 EG05 EG06 EG07 EG08 EG09 EG10 EG11
   SRCGROUP Generato EG12 EG13 EG14 EG15 EG16 EG17 EG18 EG19 EG20 EG21 EG22
   SRCGROUP Generato EG23 EG24
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Saturn_NAAQS.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE PICO_V9_ADJU\PICO_v9.SFC
   PROFFILE PICO_V9_ADJU\PICO_v9.PFL
   SURFDATA 3166 2010 Pico
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 1 1ST 8TH
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST SATURN_NAAQS.AD\01H1GALL.PLT 31
   PLOTFILE 1 Generato 1ST SATURN_NAAQS.AD\01H1G001.PLT 32
   PLOTFILE 1 ALL 8TH SATURN_NAAQS.AD\01H8GALL.PLT 33
   PLOTFILE 1 Generato 8TH SATURN_NAAQS.AD\01H8G000.PLT 34
   PLOTFILE ANNUAL ALL SATURN_NAAQS.AD\AN00GALL.PLT 35
   PLOTFILE ANNUAL Generato SATURN_NAAQS.AD\AN00G001.PLT 36
   MXDYBYYR ALL SATURN_NAAQS.AD\MXDYBYYR_ALL_NO2.DAT 37
   MXDYBYYR GENERATO SATURN_NAAQS.AD\MXDYBYYR_Generato_NO2.DAT 38
   MAXDAILY ALL SATURN_NAAQS.AD\MAXDAILY_ALL_NO2.DAT 39
   MAXDAILY GENERATO SATURN_NAAQS.AD\MAXDAILY_Generato_NO2.DAT 40
   SUMMFILE Saturn_NAAQS.sum
```

```
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 CO W361      26       COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2 require
MULTYEAR Opt
 ME W186     979       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     979       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                  PAGE   1
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Allows User-Specified Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
```

```
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Full Conversion Assumed for NO2.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    24 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9830000.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: NO2

 **Note that special processing requirements apply for the 1-hour NO2 NAAQS - check
available guidance.
   Model will process user-specified ranks of daily maximum 1-hour values averaged
across the number of years modeled.
   For annual NO2 NAAQS modeling, the multi-year maximum of PERIOD values can be
simulated using the MULTYEAR keyword.
   Multi-year PERIOD and 1-hour values should only be done in a single model run
using the MULTYEAR option with a
   single multi-year meteorological data file using STARTEND keyword.

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates ANNUAL Averages

 **This Run Includes:     24 Source(s);       2 Source Group(s); and     603
Receptor(s)

                with:     24 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
```

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)
Model Outputs External File(s) of Maximum Daily 1-hr Values by Day (MAXDAILY Keyword)
Model Outputs External File(s) of Maximum Daily 1-hr Values by Year (MXDYBYYR Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 58.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ;
Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.8 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: Saturn_NAAQS.err

**File for Summary of Results: Saturn_NAAQS.sum

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR

```
 EG01             0   0.11700E-01  397047.3 3767179.2   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG02             0   0.11700E-01  397059.0 3767182.6   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG03             0   0.11700E-01  397065.8 3767183.8   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG04             0   0.11700E-01  397077.3 3767187.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG05             0   0.11700E-01  397083.4 3767188.5   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG06             0   0.11700E-01  397095.4 3767191.9   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG07             0   0.11700E-01  397101.1 3767193.6   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG08             0   0.11700E-01  397112.7 3767197.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG09             0   0.11700E-01  397117.7 3767198.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG10             0   0.11700E-01  397131.0 3767201.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG11             0   0.11700E-01  397137.4 3767203.3   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG12             0   0.11700E-01  397148.4 3767206.6   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG13             0   0.11700E-01  397154.7 3767208.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG14             0   0.11700E-01  397166.6 3767211.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG15             0   0.11700E-01  397172.7 3767212.7   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG16             0   0.11700E-01  397184.1 3767216.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG17             0   0.11700E-01  397190.7 3767217.2   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG18             0   0.11700E-01  397202.2 3767221.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG19             0   0.11700E-01  397208.3 3767222.5   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG20             0   0.11700E-01  397220.1 3767225.7   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG21             0   0.11700E-01  397226.0 3767227.3   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG22             0   0.11700E-01  397237.6 3767230.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG23             0   0.11700E-01  397244.0 3767232.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
 EG24             0   0.11700E-01  397256.0 3767235.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
```

*** SOURCE IDs DEFINING SOURCE GROUPS
***

SRCGROUP ID	SOURCE IDs
GENERATO	EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,
ALL	EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES
***

URBAN ID	URBAN POP	SOURCE IDs
	9830000.	EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 ,

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

SOURCE ID: EG01

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-85.5,	-116.3,	2	12.8,	270.0,	223.9,	-82.6,	-112.3,
3	12.8,	247.8,	251.8,	-77.2,	-105.0,	4	12.8,	218.1,	272.0,	-69.4,	-94.4,
5	12.8,	181.7,	283.9,	-59.5,	-81.0,	6	12.8,	139.9,	287.3,	-47.9,	-65.1,
7	12.8,	93.7,	281.9,	-34.7,	-47.3,	8	12.8,	103.9,	285.9,	-29.4,	-31.6,
9	12.8,	148.8,	289.4,	-28.0,	-11.5,	10	12.8,	189.2,	284.0,	-25.7,	9.1,
11	12.8,	223.9,	270.0,	-22.7,	29.3,	12	12.8,	251.8,	247.8,	-18.9,	48.7,
13	12.8,	272.0,	218.1,	-14.6,	66.6,	14	12.8,	283.9,	181.7,	-9.9,	82.4,
15	12.8,	287.3,	139.9,	-4.8,	95.8,	16	12.8,	281.9,	93.7,	0.4,	106.2,
17	12.8,	285.9,	103.9,	-20.3,	113.5,	18	12.8,	289.4,	148.8,	-62.9,	116.7,
19	12.8,	284.0,	189.2,	-103.7,	116.3,	20	12.8,	270.0,	223.9,	-141.3,	112.3,
21	12.8,	247.8,	251.8,	-174.6,	105.0,	22	12.8,	218.1,	272.0,	-202.6,	94.4,
23	12.8,	181.7,	283.9,	-224.4,	81.0,	24	12.8,	139.9,	287.3,	-239.4,	65.1,
25	12.8,	93.7,	281.9,	-247.2,	47.3,	26	12.8,	103.9,	285.9,	-256.5,	31.6,
27	12.8,	148.8,	289.4,	-261.4,	11.5,	28	12.8,	189.2,	284.0,	-258.3,	-9.1,
29	12.8,	223.9,	270.0,	-247.3,	-29.3,	30	12.8,	251.8,	247.8,		

-228.9, -48.7,
   31   12.8, 272.0, 218.1, -203.5, -66.6,   32   12.8, 283.9, 181.7,
-171.9, -82.4,
   33   12.8, 287.3, 139.9, -135.1, -95.8,   34   12.8, 281.9,   93.7,
-94.1, -106.2,
   35   12.8, 285.9, 103.9, -83.6, -113.5,   36   12.8, 289.4, 148.8,
-85.9, -116.7,

 SOURCE ID: EG02
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -90.9, -105.3,   2   12.8, 270.0, 223.9,
-89.8, -102.5,
    3   12.8, 247.8, 251.8, -85.9, -96.5,   4   12.8, 218.1, 272.0,
-79.5, -87.6,
    5   12.8, 181.7, 283.9, -70.6, -76.0,   6   12.8, 139.9, 287.3,
-59.6, -62.2,
    7   12.8,   93.7, 281.9, -46.8, -46.4,   8   12.8, 103.9, 285.9,
-41.5, -32.9,
    9   12.8, 148.8, 289.4, -39.7, -14.8,   10   12.8, 189.2, 284.0,
-36.6,   3.8,
   11   12.8, 223.9, 270.0, -32.5,   22.2,   12   12.8, 251.8, 247.8,
-27.4,   39.9,
   13   12.8, 272.0, 218.1, -21.4,   56.5,   14   12.8, 283.9, 181.7,
-14.8,   71.3,
   15   12.8, 287.3, 139.9,   -7.8,   84.0,   16   12.8, 281.9,   93.7,
-0.5,   94.1,
   17   12.8, 285.9, 103.9, -19.0, 101.5,   18   12.8, 289.4, 148.8,
-59.6, 105.0,
   19   12.8, 284.0, 189.2, -98.4, 105.3,   20   12.8, 270.0, 223.9,
-134.1, 102.5,
   21   12.8, 247.8, 251.8, -165.8,   96.5,   22   12.8, 218.1, 272.0,
-192.5,   87.6,
   23   12.8, 181.7, 283.9, -213.3,   76.0,   24   12.8, 139.9, 287.3,
-227.6,   62.2,
   25   12.8,   93.7, 281.9, -235.0,   46.4,   26   12.8, 103.9, 285.9,
-244.4,   32.9,
   27   12.8, 148.8, 289.4, -249.7,   14.8,   28   12.8, 189.2, 284.0,
-247.4,   -3.8,
   29   12.8, 223.9, 270.0, -237.5, -22.2,   30   12.8, 251.8, 247.8,
-220.4, -39.9,
   31   12.8, 272.0, 218.1, -196.7, -56.5,   32   12.8, 283.9, 181.7,
-166.9, -71.3,
   33   12.8, 287.3, 139.9, -132.1, -84.0,   34   12.8, 281.9,   93.7,
-93.3, -94.1,
   35   12.8, 285.9, 103.9, -84.8, -101.5,   36   12.8, 289.4, 148.8,
-89.2, -105.0,

SOURCE ID: EG03

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-93.2,	-98.8,	2	12.8,	270.0,	223.9,	-93.2,	-96.5,
3	12.8,	247.8,	251.8,	-90.4,	-91.2,	4	12.8,	218.1,	272.0,	-84.8,	-83.2,
5	12.8,	181.7,	283.9,	-76.6,	-72.6,	6	12.8,	139.9,	287.3,	-66.2,	-59.8,
7	12.8,	93.7,	281.9,	-53.7,	-45.2,	8	12.8,	103.9,	285.9,	-48.4,	-32.9,
9	12.8,	148.8,	289.4,	-46.5,	-16.0,	10	12.8,	189.2,	284.0,	-43.2,	1.4,
11	12.8,	223.9,	270.0,	-38.5,	18.7,	12	12.8,	251.8,	247.8,	-32.7,	35.5,
13	12.8,	272.0,	218.1,	-25.9,	51.2,	14	12.8,	283.9,	181.7,	-18.3,	65.3,
15	12.8,	287.3,	139.9,	-10.1,	77.5,	16	12.8,	281.9,	93.7,	-1.7,	87.3,
17	12.8,	285.9,	103.9,	-19.0,	94.5,	18	12.8,	289.4,	148.8,	-58.4,	98.2,
19	12.8,	284.0,	189.2,	-96.0,	98.8,	20	12.8,	270.0,	223.9,	-130.7,	96.5,
21	12.8,	247.8,	251.8,	-161.4,	91.2,	22	12.8,	218.1,	272.0,	-187.2,	83.2,
23	12.8,	181.7,	283.9,	-207.3,	72.6,	24	12.8,	139.9,	287.3,	-221.1,	59.8,
25	12.8,	93.7,	281.9,	-228.2,	45.2,	26	12.8,	103.9,	285.9,	-237.5,	32.9,
27	12.8,	148.8,	289.4,	-242.9,	16.0,	28	12.8,	189.2,	284.0,	-240.8,	-1.4,
29	12.8,	223.9,	270.0,	-231.5,	-18.7,	30	12.8,	251.8,	247.8,	-215.1,	-35.5,
31	12.8,	272.0,	218.1,	-192.2,	-51.2,	32	12.8,	283.9,	181.7,	-163.5,	-65.3,
33	12.8,	287.3,	139.9,	-129.7,	-77.5,	34	12.8,	281.9,	93.7,	-92.1,	-87.3,
35	12.8,	285.9,	103.9,	-84.8,	-94.5,	36	12.8,	289.4,	148.8,	-90.4,	-98.2,

SOURCE ID: EG04

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-98.5,	-88.1,	2	12.8,	270.0,	223.9,	-100.3,	-86.9,
3	12.8,	247.8,	251.8,	-99.0,	-83.0,	4	12.8,	218.1,	272.0,	-94.7,	-76.5,
5	12.8,	181.7,	283.9,	-87.5,	-67.8,	6	12.8,	139.9,	287.3,	-77.7,	-57.0,

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    7   12.8,   93.7,  281.9,  -65.5,  -44.4,      8   12.8,  103.9,  285.9,
-60.3,  -34.2,
    9   12.8,  148.8,  289.4,  -57.9,  -19.3,     10   12.8,  189.2,  284.0,
-53.9,   -3.9,
   11   12.8,  223.9,  270.0,  -48.1,   11.7,     12   12.8,  251.8,  247.8,
-40.9,   26.9,
   13   12.8,  272.0,  218.1,  -32.5,   41.3,     14   12.8,  283.9,  181.7,
-23.1,   54.4,
   15   12.8,  287.3,  139.9,  -13.0,   65.9,     16   12.8,  281.9,   93.7,
-2.4,   75.4,
   17   12.8,  285.9,  103.9,  -17.8,   82.7,     18   12.8,  289.4,  148.8,
-55.1,   86.7,
   19   12.8,  284.0,  189.2,  -90.7,   88.1,     20   12.8,  270.0,  223.9,
-123.6,   86.9,
   21   12.8,  247.8,  251.8, -152.8,   83.0,     22   12.8,  218.1,  272.0,
-177.3,   76.5,
   23   12.8,  181.7,  283.9, -196.4,   67.8,     24   12.8,  139.9,  287.3,
-209.5,   57.0,
   25   12.8,   93.7,  281.9, -216.3,   44.4,     26   12.8,  103.9,  285.9,
-225.7,   34.2,
   27   12.8,  148.8,  289.4, -231.4,   19.3,     28   12.8,  189.2,  284.0,
-230.1,    3.9,
   29   12.8,  223.9,  270.0, -221.9,  -11.7,     30   12.8,  251.8,  247.8,
-206.9,  -26.9,
   31   12.8,  272.0,  218.1, -185.6,  -41.3,     32   12.8,  283.9,  181.7,
-158.6,  -54.4,
   33   12.8,  287.3,  139.9, -126.9,  -65.9,     34   12.8,  281.9,   93.7,
-91.3,  -75.4,
   35   12.8,  285.9,  103.9,  -86.1,  -82.7,     36   12.8,  289.4,  148.8,
-93.7,  -86.7,

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                   PAGE   6
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: EG05
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -100.9,  -82.4,      2   12.8,  270.0,  223.9,
-103.7,  -81.6,
    3   12.8,  247.8,  251.8, -103.2,  -78.4,      4   12.8,  218.1,  272.0,
-99.7,  -72.8,
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    5   12.8,  181.7,  283.9,  -93.1,  -64.9,      6   12.8,  139.9,  287.3,
-83.7,  -55.1,
    7   12.8,   93.7,  281.9,  -71.8,  -43.6,      8   12.8,  103.9,  285.9,
-66.5,  -34.5,
    9   12.8,  148.8,  289.4,  -64.0,  -20.7,     10   12.8,  189.2,  284.0,
-59.6,   -6.3,
   11   12.8,  223.9,  270.0,  -53.4,    8.3,     12   12.8,  251.8,  247.8,
-45.5,   22.6,
   13   12.8,  272.0,  218.1,  -36.3,   36.3,     14   12.8,  283.9,  181.7,
-25.9,   48.9,
   15   12.8,  287.3,  139.9,  -14.8,   59.9,     16   12.8,  281.9,   93.7,
-3.2,   69.2,
   17   12.8,  285.9,  103.9,  -17.4,   76.5,     18   12.8,  289.4,  148.8,
-53.7,   80.6,
   19   12.8,  284.0,  189.2,  -88.3,   82.4,     20   12.8,  270.0,  223.9,
-120.2,   81.6,
   21   12.8,  247.8,  251.8, -148.5,   78.4,     22   12.8,  218.1,  272.0,
-172.3,   72.8,
   23   12.8,  181.7,  283.9, -190.8,   64.9,     24   12.8,  139.9,  287.3,
-203.6,   55.1,
   25   12.8,   93.7,  281.9, -210.1,   43.6,     26   12.8,  103.9,  285.9,
-219.4,   34.5,
   27   12.8,  148.8,  289.4, -225.3,   20.7,     28   12.8,  189.2,  284.0,
-224.4,    6.3,
   29   12.8,  223.9,  270.0, -216.6,   -8.3,     30   12.8,  251.8,  247.8,
-202.3,  -22.6,
   31   12.8,  272.0,  218.1, -181.8,  -36.3,     32   12.8,  283.9,  181.7,
-155.8,  -48.9,
   33   12.8,  287.3,  139.9, -125.0,  -59.9,     34   12.8,  281.9,   93.7,
-90.5,  -69.2,
   35   12.8,  285.9,  103.9,  -86.4,  -76.5,     36   12.8,  289.4,  148.8,
-95.1,  -80.6,


 SOURCE ID: EG06
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -106.4,  -71.1,      2   12.8,  270.0,  223.9,
-111.0,  -71.5,
    3   12.8,  247.8,  251.8, -112.2,  -69.7,      4   12.8,  218.1,  272.0,
-110.1,  -65.7,
    5   12.8,  181.7,  283.9, -104.5,  -59.8,      6   12.8,  139.9,  287.3,
-95.8,  -52.0,
    7   12.8,   93.7,  281.9,  -84.2,  -42.7,      8   12.8,  103.9,  285.9,
-79.0,  -35.8,
    9   12.8,  148.8,  289.4,  -76.1,  -24.1,     10   12.8,  189.2,  284.0,
-70.9,  -11.8,
   11   12.8,  223.9,  270.0,  -63.5,    1.0,     12   12.8,  251.8,  247.8,
-54.2,   13.7,
   13   12.8,  272.0,  218.1,  -43.3,   25.9,     14   12.8,  283.9,  181.7,
```

-31.1, 37.4,
  15 12.8, 287.3, 139.9, -17.9, 47.8, 16 12.8, 281.9, 93.7,
-4.1, 56.7,
  17 12.8, 285.9, 103.9, -16.2, 64.0, 18 12.8, 289.4, 148.8,
-50.3, 68.6,
  19 12.8, 284.0, 189.2, -82.8, 71.1, 20 12.8, 270.0, 223.9,
-112.9, 71.5,
  21 12.8, 247.8, 251.8, -139.6, 69.7, 22 12.8, 218.1, 272.0,
-161.9, 65.7,
  23 12.8, 181.7, 283.9, -179.4, 59.8, 24 12.8, 139.9, 287.3,
-191.4, 52.0,
  25 12.8, 93.7, 281.9, -197.6, 42.7, 26 12.8, 103.9, 285.9,
-207.0, 35.8,
  27 12.8, 148.8, 289.4, -213.3, 24.1, 28 12.8, 189.2, 284.0,
-213.1, 11.8,
  29 12.8, 223.9, 270.0, -206.5, -1.0, 30 12.8, 251.8, 247.8,
-193.6, -13.7,
  31 12.8, 272.0, 218.1, -174.8, -25.9, 32 12.8, 283.9, 181.7,
-150.7, -37.4,
  33 12.8, 287.3, 139.9, -122.0, -47.8, 34 12.8, 281.9, 93.7,
-89.6, -56.7,
  35 12.8, 285.9, 103.9, -87.7, -64.0, 36 12.8, 289.4, 148.8,
-98.5, -68.6,

 SOURCE ID: EG07
  IFV BH BW BL XADJ YADJ IFV BH BW BL XADJ
  YADJ
   1 12.8, 284.0, 189.2, -109.0, -65.8, 2 12.8, 270.0, 223.9,
-114.5, -66.7,
   3 12.8, 247.8, 251.8, -116.5, -65.6, 4 12.8, 218.1, 272.0,
-115.0, -62.5,
   5 12.8, 181.7, 283.9, -110.0, -57.4, 6 12.8, 139.9, 287.3,
-101.6, -50.7,
   7 12.8, 93.7, 281.9, -90.1, -42.4, 8 12.8, 103.9, 285.9,
-84.8, -36.4,
   9 12.8, 148.8, 289.4, -81.8, -25.8, 10 12.8, 189.2, 284.0,
-76.2, -14.4,
  11 12.8, 223.9, 270.0, -68.3, -2.6, 12 12.8, 251.8, 247.8,
-58.3, 9.4,
  13 12.8, 272.0, 218.1, -46.6, 21.0, 14 12.8, 283.9, 181.7,
-33.4, 32.0,
  15 12.8, 287.3, 139.9, -19.3, 42.0, 16 12.8, 281.9, 93.7,
-4.5, 50.8,
  17 12.8, 285.9, 103.9, -15.5, 58.1, 18 12.8, 289.4, 148.8,
-48.6, 62.9,
  19 12.8, 284.0, 189.2, -80.2, 65.8, 20 12.8, 270.0, 223.9,
-109.4, 66.7,
  21 12.8, 247.8, 251.8, -135.3, 65.6, 22 12.8, 218.1, 272.0,
-157.0, 62.5,

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   23   12.8,  181.7,  283.9, -174.0,   57.4,     24   12.8,  139.9,  287.3,
-185.7,   50.7,
   25   12.8,   93.7,  281.9, -191.7,   42.4,     26   12.8,  103.9,  285.9,
-201.1,   36.4,
   27   12.8,  148.8,  289.4, -207.6,   25.8,     28   12.8,  189.2,  284.0,
-207.8,   14.4,
   29   12.8,  223.9,  270.0, -201.7,    2.6,     30   12.8,  251.8,  247.8,
-189.5,   -9.4,
   31   12.8,  272.0,  218.1, -171.5,  -21.0,     32   12.8,  283.9,  181.7,
-148.3,  -32.0,
   33   12.8,  287.3,  139.9, -120.6,  -42.0,     34   12.8,  281.9,   93.7,
-89.2,  -50.8,
   35   12.8,  285.9,  103.9,  -88.4,  -58.1,     36   12.8,  289.4,  148.8,
-100.2,  -62.9,


 SOURCE ID: EG08
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -114.4,  -54.9,      2   12.8,  270.0,  223.9,
-121.7,  -56.9,
    3   12.8,  247.8,  251.8, -125.3,  -57.2,      4   12.8,  218.1,  272.0,
-125.1,  -55.7,
    5   12.8,  181.7,  283.9, -121.1,  -52.5,      6   12.8,  139.9,  287.3,
-113.4,  -47.8,
    7   12.8,   93.7,  281.9, -102.2,  -41.5,      8   12.8,  103.9,  285.9,
-96.9,  -37.7,
    9   12.8,  148.8,  289.4,  -93.4,  -29.2,     10   12.8,  189.2,  284.0,
-87.1,  -19.8,
   11   12.8,  223.9,  270.0,  -78.1,   -9.7,     12   12.8,  251.8,  247.8,
-66.7,    0.6,
   13   12.8,  272.0,  218.1,  -53.3,   10.9,     14   12.8,  283.9,  181.7,
-38.3,   20.9,
   15   12.8,  287.3,  139.9,  -22.2,   30.2,     16   12.8,  281.9,   93.7,
-5.3,   38.7,
   17   12.8,  285.9,  103.9,  -14.2,   46.0,     18   12.8,  289.4,  148.8,
-45.2,   51.3,
   19   12.8,  284.0,  189.2,  -74.9,   54.9,     20   12.8,  270.0,  223.9,
-102.2,   56.9,
   21   12.8,  247.8,  251.8, -126.5,   57.2,     22   12.8,  218.1,  272.0,
-146.9,   55.7,
   23   12.8,  181.7,  283.9, -162.9,   52.5,     24   12.8,  139.9,  287.3,
-173.9,   47.8,
   25   12.8,   93.7,  281.9, -179.6,   41.5,     26   12.8,  103.9,  285.9,
-189.0,   37.7,
   27   12.8,  148.8,  289.4, -196.0,   29.2,     28   12.8,  189.2,  284.0,
-196.9,   19.8,
   29   12.8,  223.9,  270.0, -191.9,    9.7,     30   12.8,  251.8,  247.8,
-181.1,   -0.6,
   31   12.8,  272.0,  218.1, -164.7,  -10.9,     32   12.8,  283.9,  181.7,
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-143.4, -20.9,
   33   12.8, 287.3, 139.9, -117.7, -30.2,   34   12.8, 281.9,   93.7,
-88.4, -38.7,
   35   12.8, 285.9, 103.9, -89.7, -46.0,   36   12.8, 289.4, 148.8,
-103.6, -51.3,

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                          *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

 SOURCE ID: EG09
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -116.3, -50.2,   2   12.8, 270.0, 223.9,
-124.4, -52.6,
    3   12.8, 247.8, 251.8, -128.7, -53.4,   4   12.8, 218.1, 272.0,
-129.1, -52.6,
    5   12.8, 181.7, 283.9, -125.6, -50.2,   6   12.8, 139.9, 287.3,
-118.2, -46.2,
    7   12.8,   93.7, 281.9, -107.3, -40.9,   8   12.8, 103.9, 285.9,
-102.0, -38.0,
    9   12.8, 148.8, 289.4, -98.4, -30.3,   10   12.8, 189.2, 284.0,
-91.8, -21.7,
   11   12.8, 223.9, 270.0, -82.4, -12.4,   12   12.8, 251.8, 247.8,
-70.5,   -2.8,
   13   12.8, 272.0, 218.1, -56.4,   6.9,   14   12.8, 283.9, 181.7,
-40.7,   16.4,
   15   12.8, 287.3, 139.9, -23.7,   25.4,   16   12.8, 281.9,   93.7,
-6.0,   33.7,
   17   12.8, 285.9, 103.9, -14.0,   41.0,   18   12.8, 289.4, 148.8,
-44.1,   46.3,
   19   12.8, 284.0, 189.2, -72.9,   50.2,   20   12.8, 270.0, 223.9,
-99.5,   52.6,
   21   12.8, 247.8, 251.8, -123.1,   53.4,   22   12.8, 218.1, 272.0,
-142.9,   52.6,
   23   12.8, 181.7, 283.9, -158.4,   50.2,   24   12.8, 139.9, 287.3,
-169.1,   46.2,
   25   12.8,   93.7, 281.9, -174.6,   40.9,   26   12.8, 103.9, 285.9,
-184.0,   38.0,
   27   12.8, 148.8, 289.4, -191.0,   30.3,   28   12.8, 189.2, 284.0,
-192.2,   21.7,
   29   12.8, 223.9, 270.0, -187.6,   12.4,   30   12.8, 251.8, 247.8,

-177.3,   2.8,
   31   12.8, 272.0, 218.1, -161.7,   -6.9,   32   12.8, 283.9, 181.7,
-141.1, -16.4,
   33   12.8, 287.3, 139.9, -116.2, -25.4,   34   12.8, 281.9,   93.7,
-87.8, -33.7,
   35   12.8, 285.9, 103.9, -89.9, -41.0,   36   12.8, 289.4, 148.8,
-104.7, -46.3,

 SOURCE ID: EG10
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -121.6, -37.6,   2   12.8, 270.0, 223.9,
-131.8, -41.2,
    3   12.8, 247.8, 251.8, -138.0, -43.4,   4   12.8, 218.1, 272.0,
-140.0, -44.3,
    5   12.8, 181.7, 283.9, -137.7, -43.9,   6   12.8, 139.9, 287.3,
-131.2, -42.2,
    7   12.8,   93.7, 281.9, -120.8, -39.2,   8   12.8, 103.9, 285.9,
-115.6, -38.6,
    9   12.8, 148.8, 289.4, -111.7, -33.3,   10   12.8, 189.2, 284.0,
-104.3, -27.0,
   11   12.8, 223.9, 270.0, -93.8, -19.8,   12   12.8, 251.8, 247.8,
-80.5, -12.1,
   13   12.8, 272.0, 218.1, -64.7,   -3.9,   14   12.8, 283.9, 181.7,
-46.9,   4.3,
   15   12.8, 287.3, 139.9, -27.7,   12.4,   16   12.8, 281.9,   93.7,
-7.7,   20.1,
   17   12.8, 285.9, 103.9, -13.3,   27.4,   18   12.8, 289.4, 148.8,
-41.1,   33.0,
   19   12.8, 284.0, 189.2, -67.6,   37.6,   20   12.8, 270.0, 223.9,
-92.1,   41.2,
   21   12.8, 247.8, 251.8, -113.8,   43.4,   22   12.8, 218.1, 272.0,
-132.0,   44.3,
   23   12.8, 181.7, 283.9, -146.3,   43.9,   24   12.8, 139.9, 287.3,
-156.0,   42.2,
   25   12.8,   93.7, 281.9, -161.1,   39.2,   26   12.8, 103.9, 285.9,
-170.3,   38.6,
   27   12.8, 148.8, 289.4, -177.7,   33.3,   28   12.8, 189.2, 284.0,
-179.7,   27.0,
   29   12.8, 223.9, 270.0, -176.2,   19.8,   30   12.8, 251.8, 247.8,
-167.3,   12.1,
   31   12.8, 272.0, 218.1, -153.4,   3.9,   32   12.8, 283.9, 181.7,
-134.8,   -4.3,
   33   12.8, 287.3, 139.9, -112.1, -12.4,   34   12.8, 281.9,   93.7,
-86.0, -20.1,
   35   12.8, 285.9, 103.9, -90.5, -27.4,   36   12.8, 289.4, 148.8,
-107.7, -33.0,

SOURCE ID: EG11

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-124.9,	-31.7,	2	12.8,	270.0,	223.9,	-136.1,	-35.9,
3	12.8,	247.8,	251.8,	-143.1,	-39.0,	4	12.8,	218.1,	272.0,	-145.8,	-40.9,
5	12.8,	181.7,	283.9,	-144.1,	-41.5,	6	12.8,	139.9,	287.3,	-137.9,	-40.9,
7	12.8,	93.7,	281.9,	-127.6,	-39.1,	8	12.8,	103.9,	285.9,	-122.3,	-39.7,
9	12.8,	148.8,	289.4,	-118.1,	-35.5,	10	12.8,	189.2,	284.0,	-110.3,	-30.3,
11	12.8,	223.9,	270.0,	-99.1,	-24.1,	12	12.8,	251.8,	247.8,	-84.9,	-17.2,
13	12.8,	272.0,	218.1,	-68.2,	-9.8,	14	12.8,	283.9,	181.7,	-49.3,	-2.1,
15	12.8,	287.3,	139.9,	-29.0,	5.7,	16	12.8,	281.9,	93.7,	-7.8,	13.3,
17	12.8,	285.9,	103.9,	-12.2,	20.6,	18	12.8,	289.4,	148.8,	-38.9,	26.6,
19	12.8,	284.0,	189.2,	-64.3,	31.7,	20	12.8,	270.0,	223.9,	-87.8,	35.9,
21	12.8,	247.8,	251.8,	-108.7,	39.0,	22	12.8,	218.1,	272.0,	-126.2,	40.9,
23	12.8,	181.7,	283.9,	-139.9,	41.5,	24	12.8,	139.9,	287.3,	-149.3,	40.9,
25	12.8,	93.7,	281.9,	-154.2,	39.1,	26	12.8,	103.9,	285.9,	-163.6,	39.7,
27	12.8,	148.8,	289.4,	-171.3,	35.5,	28	12.8,	189.2,	284.0,	-173.7,	30.3,
29	12.8,	223.9,	270.0,	-170.9,	24.1,	30	12.8,	251.8,	247.8,	-162.9,	17.2,
31	12.8,	272.0,	218.1,	-149.9,	9.8,	32	12.8,	283.9,	181.7,	-132.4,	2.1,
33	12.8,	287.3,	139.9,	-110.8,	-5.7,	34	12.8,	281.9,	93.7,	-85.9,	-13.3,
35	12.8,	285.9,	103.9,	-91.6,	-20.6,	36	12.8,	289.4,	148.8,	-110.0,	-26.6,

SOURCE ID: EG12

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-130.1,	-21.4,	2	12.8,	270.0,	223.9,	-143.0,	-26.7,
3	12.8,	247.8,	251.8,	-151.5,	-31.1,	4	12.8,	218.1,	272.0,	-155.4,	-34.6,
5	12.8,	181.7,	283.9,	-154.6,	-37.0,	6	12.8,	139.9,	287.3,	-149.1,	-38.3,

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    7   12.8,   93.7,  281.9, -139.1,  -38.4,      8   12.8,  103.9,  285.9,
-133.8,  -41.1,
    9   12.8,  148.8,  289.4, -129.1,  -38.9,     10   12.8,  189.2,  284.0,
-120.6,  -35.5,
   11   12.8,  223.9,  270.0, -108.3,  -31.0,     12   12.8,  251.8,  247.8,
-92.8,  -25.6,
   13   12.8,  272.0,  218.1,  -74.5,  -19.4,     14   12.8,  283.9,  181.7,
-53.9,  -12.7,
   15   12.8,  287.3,  139.9,  -31.6,   -5.5,     16   12.8,  281.9,   93.7,
-8.4,    1.8,
   17   12.8,  285.9,  103.9,  -10.9,    9.2,     18   12.8,  289.4,  148.8,
-35.5,   15.6,
   19   12.8,  284.0,  189.2,  -59.1,   21.4,     20   12.8,  270.0,  223.9,
-80.9,   26.7,
   21   12.8,  247.8,  251.8, -100.3,   31.1,     22   12.8,  218.1,  272.0,
-116.6,   34.6,
   23   12.8,  181.7,  283.9, -129.3,   37.0,     24   12.8,  139.9,  287.3,
-138.1,   38.3,
   25   12.8,   93.7,  281.9, -142.8,   38.4,     26   12.8,  103.9,  285.9,
-152.2,   41.1,
   27   12.8,  148.8,  289.4, -160.2,   38.9,     28   12.8,  189.2,  284.0,
-163.4,   35.5,
   29   12.8,  223.9,  270.0, -161.7,   31.0,     30   12.8,  251.8,  247.8,
-155.0,   25.6,
   31   12.8,  272.0,  218.1, -143.6,   19.4,     32   12.8,  283.9,  181.7,
-127.8,   12.7,
   33   12.8,  287.3,  139.9, -108.2,    5.5,     34   12.8,  281.9,   93.7,
-85.3,   -1.8,
   35   12.8,  285.9,  103.9,  -93.0,   -9.2,     36   12.8,  289.4,  148.8,
-113.3,  -15.6,

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                   PAGE   8
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: EG13
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -132.6,  -15.5,      2   12.8,  270.0,  223.9,
-146.5,  -21.2,
    3   12.8,  247.8,  251.8, -155.9,  -26.4,      4   12.8,  218.1,  272.0,
-160.6,  -30.7,
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    5   12.8,  181.7,  283.9, -160.4,  -34.0,      6   12.8,  139.9,  287.3,
-155.3,  -36.4,
    7   12.8,   93.7,  281.9, -145.5,  -37.6,      8   12.8,  103.9,  285.9,
-140.2,  -41.4,
    9   12.8,  148.8,  289.4, -135.4,  -40.3,     10   12.8,  189.2,  284.0,
-126.5,  -38.0,
   11   12.8,  223.9,  270.0, -113.8,  -34.5,     12   12.8,  251.8,  247.8,
-97.5,  -30.0,
   13   12.8,  272.0,  218.1,  -78.4,  -24.6,     14   12.8,  283.9,  181.7,
-56.8,  -18.4,
   15   12.8,  287.3,  139.9,  -33.5,  -11.7,     16   12.8,  281.9,   93.7,
-9.2,   -4.6,
   17   12.8,  285.9,  103.9,  -10.6,    2.8,     18   12.8,  289.4,  148.8,
-34.1,    9.3,
   19   12.8,  284.0,  189.2,  -56.6,   15.5,     20   12.8,  270.0,  223.9,
-77.4,   21.2,
   21   12.8,  247.8,  251.8,  -95.9,   26.4,     22   12.8,  218.1,  272.0,
-111.4,   30.7,
   23   12.8,  181.7,  283.9, -123.6,   34.0,     24   12.8,  139.9,  287.3,
-132.0,   36.4,
   25   12.8,   93.7,  281.9, -136.4,   37.6,     26   12.8,  103.9,  285.9,
-145.7,   41.4,
   27   12.8,  148.8,  289.4, -154.0,   40.3,     28   12.8,  189.2,  284.0,
-157.5,   38.0,
   29   12.8,  223.9,  270.0, -156.2,   34.5,     30   12.8,  251.8,  247.8,
-150.3,   30.0,
   31   12.8,  272.0,  218.1, -139.7,   24.6,     32   12.8,  283.9,  181.7,
-124.9,   18.4,
   33   12.8,  287.3,  139.9, -106.3,   11.7,     34   12.8,  281.9,   93.7,
-84.5,    4.6,
   35   12.8,  285.9,  103.9,  -93.3,   -2.8,     36   12.8,  289.4,  148.8,
-114.7,   -9.3,


 SOURCE ID: EG14
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -137.7,   -4.3,      2   12.8,  270.0,  223.9,
-153.4,  -11.1,
    3   12.8,  247.8,  251.8, -164.5,  -17.6,      4   12.8,  218.1,  272.0,
-170.6,  -23.5,
    5   12.8,  181.7,  283.9, -171.5,  -28.8,      6   12.8,  139.9,  287.3,
-167.1,  -33.1,
    7   12.8,   93.7,  281.9, -157.7,  -36.4,      8   12.8,  103.9,  285.9,
-152.5,  -42.3,
    9   12.8,  148.8,  289.4, -147.3,  -43.4,     10   12.8,  189.2,  284.0,
-137.7,  -43.1,
   11   12.8,  223.9,  270.0, -123.9,  -41.5,     12   12.8,  251.8,  247.8,
-106.3,  -38.6,
   13   12.8,  272.0,  218.1,  -85.5,  -34.6,     14   12.8,  283.9,  181.7,
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-62.1,  -29.5,
   15   12.8,  287.3,  139.9,  -36.8,  -23.5,     16   12.8,  281.9,   93.7,
-10.4,  -16.8,
   17   12.8,  285.9,  103.9,   -9.6,   -9.5,     18   12.8,  289.4,  148.8,
-31.0,   -2.6,
   19   12.8,  284.0,  189.2,  -51.5,    4.3,     20   12.8,  270.0,  223.9,
-70.5,   11.1,
   21   12.8,  247.8,  251.8,  -87.3,   17.6,     22   12.8,  218.1,  272.0,
-101.4,   23.5,
   23   12.8,  181.7,  283.9, -112.5,   28.8,     24   12.8,  139.9,  287.3,
-120.1,   33.1,
   25   12.8,   93.7,  281.9, -124.1,   36.4,     26   12.8,  103.9,  285.9,
-133.5,   42.3,
   27   12.8,  148.8,  289.4, -142.1,   43.4,     28   12.8,  189.2,  284.0,
-146.3,   43.1,
   29   12.8,  223.9,  270.0, -146.1,   41.5,     30   12.8,  251.8,  247.8,
-141.5,   38.6,
   31   12.8,  272.0,  218.1, -132.6,   34.6,     32   12.8,  283.9,  181.7,
-119.6,   29.5,
   33   12.8,  287.3,  139.9, -103.0,   23.5,     34   12.8,  281.9,   93.7,
-83.3,   16.8,
   35   12.8,  285.9,  103.9,  -94.3,    9.5,     36   12.8,  289.4,  148.8,
-117.8,    2.6,


 SOURCE ID: EG15
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -140.3,    1.4,      2   12.8,  270.0,  223.9,
-157.0,   -5.9,
    3   12.8,  247.8,  251.8, -168.9,  -13.1,      4   12.8,  218.1,  272.0,
-175.7,  -19.9,
    5   12.8,  181.7,  283.9, -177.1,  -26.0,      6   12.8,  139.9,  287.3,
-173.2,  -31.4,
    7   12.8,   93.7,  281.9, -164.0,  -35.8,      8   12.8,  103.9,  285.9,
-158.7,  -42.8,
    9   12.8,  148.8,  289.4, -153.4,  -44.9,     10   12.8,  189.2,  284.0,
-143.4,  -45.6,
   11   12.8,  223.9,  270.0, -129.1,  -45.0,     12   12.8,  251.8,  247.8,
-110.8,  -43.0,
   13   12.8,  272.0,  218.1,  -89.2,  -39.7,     14   12.8,  283.9,  181.7,
-64.8,  -35.1,
   15   12.8,  287.3,  139.9,  -38.5,  -29.5,     16   12.8,  281.9,   93.7,
-11.1,  -23.1,
   17   12.8,  285.9,  103.9,   -9.1,  -15.7,     18   12.8,  289.4,  148.8,
-29.5,   -8.7,
   19   12.8,  284.0,  189.2,  -49.0,   -1.4,     20   12.8,  270.0,  223.9,
-67.0,    5.9,
   21   12.8,  247.8,  251.8,  -82.9,   13.1,     22   12.8,  218.1,  272.0,
-96.3,   19.9,
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   23   12.8,  181.7,  283.9, -106.8,   26.0,     24   12.8,  139.9,  287.3,
-114.1,   31.4,
   25   12.8,   93.7,  281.9, -117.9,   35.8,     26   12.8,  103.9,  285.9,
-127.2,   42.8,
   27   12.8,  148.8,  289.4, -136.0,   44.9,     28   12.8,  189.2,  284.0,
-140.6,   45.6,
   29   12.8,  223.9,  270.0, -140.9,   45.0,     30   12.8,  251.8,  247.8,
-137.0,   43.0,
   31   12.8,  272.0,  218.1, -128.9,   39.7,     32   12.8,  283.9,  181.7,
-116.9,   35.1,
   33   12.8,  287.3,  139.9, -101.3,   29.5,     34   12.8,  281.9,   93.7,
-82.7,   23.1,
   35   12.8,  285.9,  103.9,  -94.8,   15.7,     36   12.8,  289.4,  148.8,
-119.3,    8.7,


 SOURCE ID: EG16
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -145.7,   12.1,      2   12.8,  270.0,  223.9,
-164.1,    3.6,
    3   12.8,  247.8,  251.8, -177.6,   -4.9,      4   12.8,  218.1,  272.0,
-185.7,  -13.4,
    5   12.8,  181.7,  283.9, -188.1,  -21.4,      6   12.8,  139.9,  287.3,
-184.8,  -28.7,
    7   12.8,   93.7,  281.9, -175.9,  -35.2,      8   12.8,  103.9,  285.9,
-170.6,  -44.2,
    9   12.8,  148.8,  289.4, -164.8,  -48.4,     10   12.8,  189.2,  284.0,
-154.1,  -51.1,
   11   12.8,  223.9,  270.0, -138.6,  -52.2,     12   12.8,  251.8,  247.8,
-119.0,  -51.7,
   13   12.8,  272.0,  218.1,  -95.7,  -49.7,     14   12.8,  283.9,  181.7,
-69.5,  -46.1,
   15   12.8,  287.3,  139.9,  -41.2,  -41.2,     16   12.8,  281.9,   93.7,
-11.7,  -35.0,
   17   12.8,  285.9,  103.9,   -7.7,  -27.6,     18   12.8,  289.4,  148.8,
-26.0,  -20.1,
   19   12.8,  284.0,  189.2,  -43.5,  -12.1,     20   12.8,  270.0,  223.9,
-59.8,   -3.6,
   21   12.8,  247.8,  251.8,  -74.2,    4.9,     22   12.8,  218.1,  272.0,
-86.3,   13.4,
   23   12.8,  181.7,  283.9,  -95.8,   21.4,     24   12.8,  139.9,  287.3,
-102.5,   28.7,
   25   12.8,   93.7,  281.9, -106.0,   35.2,     26   12.8,  103.9,  285.9,
-115.4,   44.2,
   27   12.8,  148.8,  289.4, -124.5,   48.4,     28   12.8,  189.2,  284.0,
-130.0,   51.1,
   29   12.8,  223.9,  270.0, -131.4,   52.2,     30   12.8,  251.8,  247.8,
-128.9,   51.7,
   31   12.8,  272.0,  218.1, -122.4,   49.7,     32   12.8,  283.9,  181.7,
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-112.2,   46.1,
   33   12.8, 287.3, 139.9, -98.6,   41.2,   34   12.8, 281.9,   93.7,
-82.0,   35.0,
   35   12.8, 285.9, 103.9, -96.2,   27.6,   36   12.8, 289.4, 148.8,
-122.8,   20.1,

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                       *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

 SOURCE ID: EG17
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -147.9,   18.4,   2   12.8, 270.0, 223.9,
-167.4,   9.5,
    3   12.8, 247.8, 251.8, -181.9,   0.2,   4   12.8, 218.1, 272.0,
-190.8,   -9.0,
    5   12.8, 181.7, 283.9, -193.9, -17.9,   6   12.8, 139.9, 287.3,
-191.1, -26.3,
    7   12.8,   93.7, 281.9, -182.5, -33.9,   8   12.8, 103.9, 285.9,
-177.3, -44.2,
    9   12.8, 148.8, 289.4, -171.4, -49.5,   10   12.8, 189.2, 284.0,
-160.4, -53.3,
   11   12.8, 223.9, 270.0, -144.5, -55.5,   12   12.8, 251.8, 247.8,
-124.1, -56.0,
   13   12.8, 272.0, 218.1, -100.1, -54.8,   14   12.8, 283.9, 181.7,
-72.9, -51.9,
   15   12.8, 287.3, 139.9, -43.6, -47.4,   16   12.8, 281.9,   93.7,
-12.9, -41.6,
   17   12.8, 285.9, 103.9,   -7.8, -34.3,   18   12.8, 289.4, 148.8,
-24.9, -26.7,
   19   12.8, 284.0, 189.2, -41.3, -18.4,   20   12.8, 270.0, 223.9,
-56.5,   -9.5,
   21   12.8, 247.8, 251.8, -69.9,   -0.2,   22   12.8, 218.1, 272.0,
-81.2,   9.0,
   23   12.8, 181.7, 283.9, -90.1,   17.9,   24   12.8, 139.9, 287.3,
-96.2,   26.3,
   25   12.8,   93.7, 281.9, -99.4,   33.9,   26   12.8, 103.9, 285.9,
-108.7,   44.2,
   27   12.8, 148.8, 289.4, -117.9,   49.5,   28   12.8, 189.2, 284.0,
-123.6,   53.3,
   29   12.8, 223.9, 270.0, -125.5,   55.5,   30   12.8, 251.8, 247.8,

-123.7,   56.0,
   31   12.8, 272.0, 218.1, -118.0,   54.8,   32   12.8, 283.9, 181.7,
-108.8,   51.9,
   33   12.8, 287.3, 139.9, -96.3,   47.4,   34   12.8, 281.9,   93.7,
-80.8,   41.6,
   35   12.8, 285.9, 103.9, -96.1,   34.3,   36   12.8, 289.4, 148.8,
-123.9,   26.7,

 SOURCE ID: EG18
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -153.6,   29.0,   2   12.8, 270.0, 223.9,
-174.8,   18.9,
    3   12.8, 247.8, 251.8, -190.8,   8.3,   4   12.8, 218.1, 272.0,
-201.0,   -2.6,
    5   12.8, 181.7, 283.9, -205.0, -13.4,   6   12.8, 139.9, 287.3,
-202.9, -23.9,
    7   12.8,   93.7, 281.9, -194.5, -33.5,   8   12.8, 103.9, 285.9,
-189.2, -45.9,
    9   12.8, 148.8, 289.4, -182.9, -53.2,   10   12.8, 189.2, 284.0,
-171.0, -58.9,
   11   12.8, 223.9, 270.0, -153.9, -62.9,   12   12.8, 251.8, 247.8,
-132.2, -64.9,
   13   12.8, 272.0, 218.1, -106.4, -65.0,   14   12.8, 283.9, 181.7,
-77.4, -63.0,
   15   12.8, 287.3, 139.9, -46.1, -59.2,   16   12.8, 281.9,   93.7,
-13.3, -53.6,
   17   12.8, 285.9, 103.9,   -6.1, -46.2,   18   12.8, 289.4, 148.8,
-21.2, -38.2,
   19   12.8, 284.0, 189.2, -35.7, -29.0,   20   12.8, 270.0, 223.9,
-49.1, -18.9,
   21   12.8, 247.8, 251.8, -61.0,   -8.3,   22   12.8, 218.1, 272.0,
-71.0,   2.6,
   23   12.8, 181.7, 283.9, -78.9,   13.4,   24   12.8, 139.9, 287.3,
-84.4,   23.9,
   25   12.8,   93.7, 281.9, -87.4,   33.5,   26   12.8, 103.9, 285.9,
-96.8,   45.9,
   27   12.8, 148.8, 289.4, -106.5,   53.2,   28   12.8, 189.2, 284.0,
-113.0,   58.9,
   29   12.8, 223.9, 270.0, -116.1,   62.9,   30   12.8, 251.8, 247.8,
-115.6,   64.9,
   31   12.8, 272.0, 218.1, -111.7,   65.0,   32   12.8, 283.9, 181.7,
-104.3,   63.0,
   33   12.8, 287.3, 139.9, -93.8,   59.2,   34   12.8, 281.9,   93.7,
-80.4,   53.6,
   35   12.8, 285.9, 103.9, -97.8,   46.2,   36   12.8, 289.4, 148.8,
-127.6,   38.2,

SOURCE ID: EG19

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-156.2,	34.8,	2	12.8,	270.0,	223.9,	-178.4,	24.1,
3	12.8,	247.8,	251.8,	-195.2,	12.8,	4	12.8,	218.1,	272.0,	-206.1,	1.1,
5	12.8,	181.7,	283.9,	-210.7,	-10.7,	6	12.8,	139.9,	287.3,	-208.9,	-22.1,
7	12.8,	93.7,	281.9,	-200.8,	-32.9,	8	12.8,	103.9,	285.9,	-195.5,	-46.3,
9	12.8,	148.8,	289.4,	-189.0,	-54.8,	10	12.8,	189.2,	284.0,	-176.8,	-61.5,
11	12.8,	223.9,	270.0,	-159.2,	-66.5,	12	12.8,	251.8,	247.8,	-136.7,	-69.3,
13	12.8,	272.0,	218.1,	-110.1,	-70.1,	14	12.8,	283.9,	181.7,	-80.2,	-68.8,
15	12.8,	287.3,	139.9,	-47.8,	-65.3,	16	12.8,	281.9,	93.7,	-14.0,	-59.9,
17	12.8,	285.9,	103.9,	-5.6,	-52.5,	18	12.8,	289.4,	148.8,	-19.6,	-44.3,
19	12.8,	284.0,	189.2,	-33.1,	-34.8,	20	12.8,	270.0,	223.9,	-45.5,	-24.1,
21	12.8,	247.8,	251.8,	-56.6,	-12.8,	22	12.8,	218.1,	272.0,	-65.9,	-1.1,
23	12.8,	181.7,	283.9,	-73.2,	10.7,	24	12.8,	139.9,	287.3,	-78.3,	22.1,
25	12.8,	93.7,	281.9,	-81.1,	32.9,	26	12.8,	103.9,	285.9,	-90.5,	46.3,
27	12.8,	148.8,	289.4,	-100.4,	54.8,	28	12.8,	189.2,	284.0,	-107.2,	61.5,
29	12.8,	223.9,	270.0,	-110.9,	66.5,	30	12.8,	251.8,	247.8,	-111.1,	69.3,
31	12.8,	272.0,	218.1,	-108.0,	70.1,	32	12.8,	283.9,	181.7,	-101.6,	68.8,
33	12.8,	287.3,	139.9,	-92.1,	65.3,	34	12.8,	281.9,	93.7,	-79.8,	59.9,
35	12.8,	285.9,	103.9,	-98.3,	52.5,	36	12.8,	289.4,	148.8,	-129.2,	44.3,

SOURCE ID: EG20

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-161.3,	45.8,	2	12.8,	270.0,	223.9,	-185.4,	34.1,
3	12.8,	247.8,	251.8,	-203.8,	21.4,	4	12.8,	218.1,	272.0,	-216.1,	8.1,
5	12.8,	181.7,	283.9,	-221.8,	-5.5,	6	12.8,	139.9,	287.3,	-220.7,	-19.0,

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    7   12.8,   93.7,  281.9, -213.0,  -31.8,      8   12.8,  103.9,  285.9,
-207.6,  -47.4,
    9   12.8,  148.8,  289.4, -200.8,  -57.9,     10   12.8,  189.2,  284.0,
-187.8,  -66.7,
   11   12.8,  223.9,  270.0, -169.2,  -73.4,     12   12.8,  251.8,  247.8,
-145.3,  -77.9,
   13   12.8,  272.0,  218.1, -117.1,  -80.1,     14   12.8,  283.9,  181.7,
-85.3,  -79.8,
   15   12.8,  287.3,  139.9,  -51.0,  -77.1,     16   12.8,  281.9,   93.7,
-15.1,  -72.0,
   17   12.8,  285.9,  103.9,   -4.6,  -64.7,     18   12.8,  289.4,  148.8,
-16.5,  -56.1,
   19   12.8,  284.0,  189.2,  -27.9,  -45.8,     20   12.8,  270.0,  223.9,
-38.5,  -34.1,
   21   12.8,  247.8,  251.8,  -48.0,  -21.4,     22   12.8,  218.1,  272.0,
-55.9,   -8.1,
   23   12.8,  181.7,  283.9,  -62.2,    5.5,     24   12.8,  139.9,  287.3,
-66.6,   19.0,
   25   12.8,   93.7,  281.9,  -68.9,   31.8,     26   12.8,  103.9,  285.9,
-78.3,   47.4,
   27   12.8,  148.8,  289.4,  -88.6,   57.9,     28   12.8,  189.2,  284.0,
-96.2,   66.7,
   29   12.8,  223.9,  270.0, -100.9,   73.4,     30   12.8,  251.8,  247.8,
-102.5,   77.9,
   31   12.8,  272.0,  218.1, -101.0,   80.1,     32   12.8,  283.9,  181.7,
-96.4,   79.8,
   33   12.8,  287.3,  139.9,  -88.9,   77.1,     34   12.8,  281.9,   93.7,
-78.7,   72.0,
   35   12.8,  285.9,  103.9,  -99.3,   64.7,     36   12.8,  289.4,  148.8,
-132.3,   56.1,

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                   PAGE  10
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: EG21
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -164.0,   51.3,      2   12.8,  270.0,  223.9,
-189.0,   39.1,
    3   12.8,  247.8,  251.8, -208.2,   25.7,      4   12.8,  218.1,  272.0,
-221.2,   11.5,
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    5   12.8,  181.7,  283.9, -227.4,   -3.0,      6   12.8,  139.9,  287.3,
-226.7,  -17.5,
    7   12.8,   93.7,  281.9, -219.1,  -31.4,      8   12.8,  103.9,  285.9,
-213.7,  -48.0,
    9   12.8,  148.8,  289.4, -206.7,  -59.6,     10   12.8,  189.2,  284.0,
-193.3,  -69.3,
   11   12.8,  223.9,  270.0, -174.1,  -77.0,     12   12.8,  251.8,  247.8,
-149.6,  -82.3,
   13   12.8,  272.0,  218.1, -120.6,  -85.1,     14   12.8,  283.9,  181.7,
-87.8,  -85.4,
   15   12.8,  287.3,  139.9,  -52.5,  -83.0,     16   12.8,  281.9,   93.7,
-15.5,  -78.1,
   17   12.8,  285.9,  103.9,   -3.9,  -70.8,     18   12.8,  289.4,  148.8,
-14.8,  -62.0,
   19   12.8,  284.0,  189.2,  -25.3,  -51.3,     20   12.8,  270.0,  223.9,
-34.9,  -39.1,
   21   12.8,  247.8,  251.8,  -43.5,  -25.7,     22   12.8,  218.1,  272.0,
-50.8,  -11.5,
   23   12.8,  181.7,  283.9,  -56.6,    3.0,     24   12.8,  139.9,  287.3,
-60.6,   17.5,
   25   12.8,   93.7,  281.9,  -62.8,   31.4,     26   12.8,  103.9,  285.9,
-72.2,   48.0,
   27   12.8,  148.8,  289.4,  -82.7,   59.6,     28   12.8,  189.2,  284.0,
-90.7,   69.3,
   29   12.8,  223.9,  270.0,  -95.9,   77.0,     30   12.8,  251.8,  247.8,
-98.2,   82.3,
   31   12.8,  272.0,  218.1,  -97.5,   85.1,     32   12.8,  283.9,  181.7,
-93.9,   85.4,
   33   12.8,  287.3,  139.9,  -87.4,   83.0,     34   12.8,  281.9,   93.7,
-78.2,   78.1,
   35   12.8,  285.9,  103.9,  -99.9,   70.8,     36   12.8,  289.4,  148.8,
-134.0,   62.0,


 SOURCE ID: EG22
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -168.6,   62.3,      2   12.8,  270.0,  223.9,
-195.4,   49.2,
    3   12.8,  247.8,  251.8, -216.3,   34.5,      4   12.8,  218.1,  272.0,
-230.7,   18.8,
    5   12.8,  181.7,  283.9, -238.0,    2.4,      6   12.8,  139.9,  287.3,
-238.1,  -13.9,
    7   12.8,   93.7,  281.9, -230.9,  -29.9,      8   12.8,  103.9,  285.9,
-225.7,  -48.6,
    9   12.8,  148.8,  289.4, -218.3,  -62.2,     10   12.8,  189.2,  284.0,
-204.4,  -74.0,
   11   12.8,  223.9,  270.0, -184.2,  -83.5,     12   12.8,  251.8,  247.8,
-158.4,  -90.5,
   13   12.8,  272.0,  218.1, -127.8,  -94.7,     14   12.8,  283.9,  181.7,
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-93.3, -96.0,
   15   12.8, 287.3, 139.9, -56.0, -94.4,   16   12.8, 281.9,   93.7,
-17.0, -90.0,
   17   12.8, 285.9, 103.9,   -3.3, -82.7,   18   12.8, 289.4, 148.8,
-12.2, -73.6,
   19   12.8, 284.0, 189.2, -20.6, -62.3,   20   12.8, 270.0, 223.9,
-28.5, -49.2,
   21   12.8, 247.8, 251.8, -35.4, -34.5,   22   12.8, 218.1, 272.0,
-41.3, -18.8,
   23   12.8, 181.7, 283.9, -46.0,   -2.4,   24   12.8, 139.9, 287.3,
-49.2,   13.9,
   25   12.8,   93.7, 281.9, -50.9,   29.9,   26   12.8, 103.9, 285.9,
-60.3,   48.6,
   27   12.8, 148.8, 289.4, -71.0,   62.2,   28   12.8, 189.2, 284.0,
-79.6,   74.0,
   29   12.8, 223.9, 270.0, -85.8,   83.5,   30   12.8, 251.8, 247.8,
-89.4,   90.5,
   31   12.8, 272.0, 218.1, -90.3,   94.7,   32   12.8, 283.9, 181.7,
-88.4,   96.0,
   33   12.8, 287.3, 139.9, -83.8,   94.4,   34   12.8, 281.9,   93.7,
-76.7,   90.0,
   35   12.8, 285.9, 103.9, -100.5,   82.7,   36   12.8, 289.4, 148.8,
-136.6,   73.6,

 SOURCE ID: EG23
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -171.8,   68.3,   2   12.8, 270.0, 223.9,
-199.7,   54.4,
    3   12.8, 247.8, 251.8, -221.4,   38.9,   4   12.8, 218.1, 272.0,
-236.4,   22.2,
    5   12.8, 181.7, 283.9, -244.3,   4.9,   6   12.8, 139.9, 287.3,
-244.7, -12.6,
    7   12.8,   93.7, 281.9, -237.7, -29.7,   8   12.8, 103.9, 285.9,
-232.3, -49.6,
    9   12.8, 148.8, 289.4, -224.7, -64.4,   10   12.8, 189.2, 284.0,
-210.3, -77.2,
   11   12.8, 223.9, 270.0, -189.4, -87.7,   12   12.8, 251.8, 247.8,
-162.8, -95.5,
   13   12.8, 272.0, 218.1, -131.3, -100.4,   14   12.8, 283.9, 181.7,
-95.8, -102.3,
   15   12.8, 287.3, 139.9, -57.3, -101.0,   16   12.8, 281.9,   93.7,
-17.1, -96.7,
   17   12.8, 285.9, 103.9,   -2.3, -89.4,   18   12.8, 289.4, 148.8,
-10.0, -80.0,
   19   12.8, 284.0, 189.2, -17.4, -68.3,   20   12.8, 270.0, 223.9,
-24.2, -54.4,
   21   12.8, 247.8, 251.8, -30.4, -38.9,   22   12.8, 218.1, 272.0,
-35.6, -22.2,

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   23   12.8,  181.7,  283.9,  -39.7,   -4.9,     24   12.8,  139.9,  287.3,
-42.6,   12.6,
   25   12.8,   93.7,  281.9,  -44.2,   29.7,     26   12.8,  103.9,  285.9,
-53.6,   49.6,
   27   12.8,  148.8,  289.4,  -64.7,   64.4,     28   12.8,  189.2,  284.0,
-73.7,   77.2,
   29   12.8,  223.9,  270.0,  -80.6,   87.7,     30   12.8,  251.8,  247.8,
-85.0,   95.5,
   31   12.8,  272.0,  218.1,  -86.8,  100.4,     32   12.8,  283.9,  181.7,
-86.0,  102.3,
   33   12.8,  287.3,  139.9,  -82.5,  101.0,     34   12.8,  281.9,   93.7,
-76.6,   96.7,
   35   12.8,  285.9,  103.9, -101.5,   89.4,     36   12.8,  289.4,  148.8,
-138.8,   80.0,


 SOURCE ID: EG24
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -176.8,   79.6,      2   12.8,  270.0,  223.9,
-206.5,   64.7,
    3   12.8,  247.8,  251.8, -229.9,   47.9,      4   12.8,  218.1,  272.0,
-246.4,   29.6,
    5   12.8,  181.7,  283.9, -255.3,   10.4,      6   12.8,  139.9,  287.3,
-256.5,   -9.1,
    7   12.8,   93.7,  281.9, -250.0,  -28.3,      8   12.8,  103.9,  285.9,
-244.7,  -50.4,
    9   12.8,  148.8,  289.4, -236.7,  -67.3,     10   12.8,  189.2,  284.0,
-221.6,  -82.2,
   11   12.8,  223.9,  270.0, -199.7,  -94.5,     12   12.8,  251.8,  247.8,
-171.8, -104.0,
   13   12.8,  272.0,  218.1, -138.6, -110.4,     14   12.8,  283.9,  181.7,
-101.3, -113.4,
   15   12.8,  287.3,  139.9,  -60.8, -112.9,     16   12.8,  281.9,   93.7,
-18.5, -109.0,
   17   12.8,  285.9,  103.9,   -1.6, -101.7,     18   12.8,  289.4,  148.8,
-7.1,  -92.0,
   19   12.8,  284.0,  189.2,  -12.5,  -79.6,     20   12.8,  270.0,  223.9,
-17.4,  -64.7,
   21   12.8,  247.8,  251.8,  -21.9,  -47.9,     22   12.8,  218.1,  272.0,
-25.6,  -29.6,
   23   12.8,  181.7,  283.9,  -28.6,  -10.4,     24   12.8,  139.9,  287.3,
-30.7,    9.1,
   25   12.8,   93.7,  281.9,  -31.9,   28.3,     26   12.8,  103.9,  285.9,
-41.3,   50.4,
   27   12.8,  148.8,  289.4,  -52.6,   67.3,     28   12.8,  189.2,  284.0,
-62.4,   82.2,
   29   12.8,  223.9,  270.0,  -70.3,   94.5,     30   12.8,  251.8,  247.8,
-76.0,  104.0,
   31   12.8,  272.0,  218.1,  -79.4,  110.4,     32   12.8,  283.9,  181.7,
```

-80.5, 113.4,
   33   12.8, 287.3, 139.9, -79.0, 112.9,   34   12.8, 281.9,   93.7,
-75.2, 109.0,
   35   12.8, 285.9, 103.9, -102.3, 101.7,   36   12.8, 289.4, 148.8,
-141.7,   92.0,

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (396558.3, 3766771.1,   87.6,   105.5,   0.0);   (396598.3,
3766771.1,   91.2,   105.5,   0.0);
     (396638.3, 3766771.1,   99.2,   100.5,   0.0);   (396678.3,
3766771.1,   103.0,   103.0,   0.0);
     (396718.3, 3766771.1,   105.1,   105.1,   0.0);   (396758.3,
3766771.1,   104.2,   105.0,   0.0);
     (396798.3, 3766771.1,   100.8,   100.8,   0.0);   (396838.3,
3766771.1,   100.7,   100.7,   0.0);
     (396878.3, 3766771.1,   100.6,   100.6,   0.0);   (396918.3,
3766771.1,   101.1,   101.1,   0.0);
     (396958.3, 3766771.1,   101.5,   101.5,   0.0);   (396998.3,
3766771.1,   101.5,   101.5,   0.0);
     (397038.3, 3766771.1,   101.3,   101.3,   0.0);   (397078.3,
3766771.1,   101.1,   185.1,   0.0);
     (397118.3, 3766771.1,   100.2,   185.1,   0.0);   (397158.3,
3766771.1,   98.7,   187.7,   0.0);
     (397198.3, 3766771.1,   98.3,   188.4,   0.0);   (397238.3,
3766771.1,   98.6,   188.6,   0.0);
     (397278.3, 3766771.1,   99.2,   188.6,   0.0);   (397318.3,
3766771.1,   99.9,   188.6,   0.0);
     (397358.3, 3766771.1,   100.6,   188.6,   0.0);   (397398.3,
3766771.1,   101.5,   189.8,   0.0);
     (397438.3, 3766771.1,   102.2,   191.1,   0.0);   (397478.3,
3766771.1,   103.1,   191.1,   0.0);
     (397518.3, 3766771.1,   103.9,   191.1,   0.0);   (397558.3,
3766771.1,   104.6,   191.1,   0.0);
     (397598.3, 3766771.1,   105.3,   191.1,   0.0);   (397638.3,
3766771.1,   106.0,   191.1,   0.0);
     (397678.3, 3766771.1,   106.6,   191.1,   0.0);   (397718.3,
3766771.1,   106.6,   191.1,   0.0);
     (396558.3, 3766811.1,   87.7,   105.5,   0.0);   (396598.3,
3766811.1,   89.4,   105.5,   0.0);

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     ( 396638.3, 3766811.1,      97.3,     104.7,       0.0);         ( 396678.3,
3766811.1,     102.7,     104.1,       0.0);
     ( 396718.3, 3766811.1,     102.9,     102.9,       0.0);         ( 396758.3,
3766811.1,     100.1,     105.5,       0.0);
     ( 396798.3, 3766811.1,     100.2,     100.2,       0.0);         ( 396838.3,
3766811.1,     100.5,     100.5,       0.0);
     ( 396878.3, 3766811.1,     100.7,     100.7,       0.0);         ( 396918.3,
3766811.1,     101.4,     101.4,       0.0);
     ( 396958.3, 3766811.1,     102.1,     102.1,       0.0);         ( 396998.3,
3766811.1,     102.4,     102.4,       0.0);
     ( 397038.3, 3766811.1,     102.3,     102.3,       0.0);         ( 397078.3,
3766811.1,     102.1,     102.1,       0.0);
     ( 397118.3, 3766811.1,     102.6,     102.6,       0.0);         ( 397158.3,
3766811.1,     102.5,     185.1,       0.0);
     ( 397198.3, 3766811.1,     101.3,     185.2,       0.0);         ( 397238.3,
3766811.1,     100.1,     188.4,       0.0);
     ( 397278.3, 3766811.1,      99.7,     188.6,       0.0);         ( 397318.3,
3766811.1,     100.2,     188.6,       0.0);
     ( 397358.3, 3766811.1,     101.1,     188.6,       0.0);         ( 397398.3,
3766811.1,     101.9,     189.2,       0.0);
     ( 397438.3, 3766811.1,     102.7,     190.2,       0.0);         ( 397478.3,
3766811.1,     103.6,     191.1,       0.0);
     ( 397518.3, 3766811.1,     104.3,     191.1,       0.0);         ( 397558.3,
3766811.1,     105.0,     191.1,       0.0);
     ( 397598.3, 3766811.1,     105.7,     191.1,       0.0);         ( 397638.3,
3766811.1,     106.4,     191.1,       0.0);
     ( 397678.3, 3766811.1,     107.1,     191.1,       0.0);         ( 397718.3,
3766811.1,     107.6,     191.1,       0.0);
     ( 396558.3, 3766851.1,      89.1,     104.7,       0.0);         ( 396598.3,
3766851.1,      89.0,     105.5,       0.0);
     ( 396638.3, 3766851.1,      92.1,     105.5,       0.0);         ( 396678.3,
3766851.1,      96.9,     104.7,       0.0);
     ( 396718.3, 3766851.1,      98.6,     104.7,       0.0);         ( 396758.3,
3766851.1,      98.5,      98.5,       0.0);
     ( 396798.3, 3766851.1,      99.2,      99.2,       0.0);         ( 396838.3,
3766851.1,     100.0,     100.0,       0.0);
     ( 396878.3, 3766851.1,     101.2,     101.2,       0.0);         ( 396918.3,
3766851.1,     101.4,     101.4,       0.0);
     ( 396958.3, 3766851.1,     102.1,     102.1,       0.0);         ( 396998.3,
3766851.1,     102.7,     102.7,       0.0);
     ( 397038.3, 3766851.1,     102.8,     102.8,       0.0);         ( 397078.3,
3766851.1,     103.5,     103.5,       0.0);
     ( 397118.3, 3766851.1,     104.5,     104.5,       0.0);         ( 397158.3,
3766851.1,     104.8,     104.8,       0.0);
     ( 397198.3, 3766851.1,     104.2,     104.2,       0.0);         ( 397238.3,
3766851.1,     103.8,     184.7,       0.0);
     ( 397278.3, 3766851.1,     102.9,     187.0,       0.0);         ( 397318.3,
3766851.1,     101.3,     188.6,       0.0);
     ( 397358.3, 3766851.1,     101.6,     188.6,       0.0);         ( 397398.3,
3766851.1,     102.3,     188.6,       0.0);
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(397438.3, 3766851.1, 103.2, 189.8, 0.0); (397478.3, 3766851.1, 104.0, 190.2, 0.0);
(397518.3, 3766851.1, 104.7, 191.1, 0.0); (397558.3, 3766851.1, 105.4, 191.1, 0.0);
(397598.3, 3766851.1, 106.1, 191.1, 0.0); (397638.3, 3766851.1, 106.8, 191.1, 0.0);
(397678.3, 3766851.1, 107.5, 191.1, 0.0); (397718.3, 3766851.1, 108.2, 191.1, 0.0);

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396558.3, 3766891.1, 89.9, 133.9, 0.0); (396598.3, 3766891.1, 89.3, 133.9, 0.0);
(396638.3, 3766891.1, 91.7, 104.7, 0.0); (396678.3, 3766891.1, 96.0, 96.0, 0.0);
(396718.3, 3766891.1, 97.4, 97.4, 0.0); (396758.3, 3766891.1, 98.2, 98.2, 0.0);
(396798.3, 3766891.1, 98.9, 98.9, 0.0); (396838.3, 3766891.1, 99.6, 99.6, 0.0);
(396878.3, 3766891.1, 100.9, 100.9, 0.0); (396918.3, 3766891.1, 100.8, 100.8, 0.0);
(396958.3, 3766891.1, 101.7, 101.7, 0.0); (396998.3, 3766891.1, 102.5, 102.5, 0.0);
(397038.3, 3766891.1, 103.1, 103.1, 0.0); (397078.3, 3766891.1, 105.4, 105.4, 0.0);
(397118.3, 3766891.1, 106.4, 106.4, 0.0); (397158.3, 3766891.1, 105.5, 105.5, 0.0);
(397198.3, 3766891.1, 106.8, 106.8, 0.0); (397238.3, 3766891.1, 106.2, 106.2, 0.0);
(397278.3, 3766891.1, 106.0, 106.0, 0.0); (397318.3, 3766891.1, 105.6, 184.0, 0.0);
(397358.3, 3766891.1, 104.0, 188.3, 0.0); (397398.3, 3766891.1, 102.9, 188.6, 0.0);
(397438.3, 3766891.1, 103.4, 188.6, 0.0); (397478.3, 3766891.1, 104.2, 189.8, 0.0);
(397518.3, 3766891.1, 105.2, 190.2, 0.0); (397558.3, 3766891.1, 105.8, 191.1, 0.0);
(397598.3, 3766891.1, 106.5, 191.1, 0.0); (397638.3, 3766891.1, 107.2, 191.1, 0.0);
(397678.3, 3766891.1, 107.9, 191.1, 0.0); (397718.3, 3766891.1, 108.8, 191.1, 0.0);

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     ( 396558.3, 3766931.1,      91.6,     135.0,       0.0);         ( 396598.3,
3766931.1,      91.1,     135.0,       0.0);
     ( 396638.3, 3766931.1,      93.8,      93.8,       0.0);         ( 396678.3,
3766931.1,      94.9,      94.9,       0.0);
     ( 396718.3, 3766931.1,      97.3,      97.3,       0.0);         ( 396758.3,
3766931.1,      98.4,      98.4,       0.0);
     ( 396798.3, 3766931.1,      99.1,      99.1,       0.0);         ( 396838.3,
3766931.1,      99.5,      99.5,       0.0);
     ( 396878.3, 3766931.1,     100.0,     100.0,       0.0);         ( 396918.3,
3766931.1,     100.6,     100.6,       0.0);
     ( 396958.3, 3766931.1,     101.3,     101.3,       0.0);         ( 396998.3,
3766931.1,     102.5,     102.5,       0.0);
     ( 397038.3, 3766931.1,     104.5,     104.5,       0.0);         ( 397078.3,
3766931.1,     106.6,     106.6,       0.0);
     ( 397118.3, 3766931.1,     108.4,     108.4,       0.0);         ( 397158.3,
3766931.1,     108.6,     108.6,       0.0);
     ( 397198.3, 3766931.1,     109.1,     109.1,       0.0);         ( 397238.3,
3766931.1,     108.9,     108.9,       0.0);
     ( 397278.3, 3766931.1,     107.8,     107.8,       0.0);         ( 397318.3,
3766931.1,     107.8,     147.6,       0.0);
     ( 397358.3, 3766931.1,     109.6,     118.5,       0.0);         ( 397398.3,
3766931.1,     107.2,     184.7,       0.0);
     ( 397438.3, 3766931.1,     105.1,     188.4,       0.0);         ( 397478.3,
3766931.1,     105.0,     188.6,       0.0);
     ( 397518.3, 3766931.1,     106.2,     188.6,       0.0);         ( 397558.3,
3766931.1,     106.4,     190.2,       0.0);
     ( 397598.3, 3766931.1,     106.9,     191.1,       0.0);         ( 397638.3,
3766931.1,     107.5,     191.1,       0.0);
     ( 397678.3, 3766931.1,     108.1,     191.1,       0.0);         ( 397718.3,
3766931.1,     110.0,     191.1,       0.0);
     ( 396558.3, 3766971.1,      93.1,     135.5,       0.0);         ( 396598.3,
3766971.1,      92.7,     135.5,       0.0);
     ( 396638.3, 3766971.1,      94.0,     135.0,       0.0);         ( 396678.3,
3766971.1,      95.0,     133.9,       0.0);
     ( 396718.3, 3766971.1,      96.8,      96.8,       0.0);         ( 396758.3,
3766971.1,      98.2,      98.2,       0.0);
     ( 396798.3, 3766971.1,      99.2,      99.2,       0.0);         ( 396838.3,
3766971.1,     100.1,     100.1,       0.0);
     ( 396878.3, 3766971.1,     100.1,     100.1,       0.0);         ( 396918.3,
3766971.1,     100.5,     100.5,       0.0);
     ( 396958.3, 3766971.1,     101.3,     134.6,       0.0);         ( 396998.3,
3766971.1,     103.3,     103.3,       0.0);
     ( 397038.3, 3766971.1,     105.5,     105.5,       0.0);         ( 397078.3,
3766971.1,     107.4,     107.4,       0.0);
     ( 397118.3, 3766971.1,     109.2,     109.2,       0.0);         ( 397158.3,
3766971.1,     109.7,     109.7,       0.0);
     ( 397198.3, 3766971.1,     109.7,     109.7,       0.0);         ( 397238.3,
3766971.1,     109.6,     109.6,       0.0);
     ( 397278.3, 3766971.1,     109.3,     149.0,       0.0);         ( 397318.3,
3766971.1,     110.3,     149.0,       0.0);
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(397358.3, 3766971.1, 115.5, 117.7, 0.0); (397398.3, 3766971.1, 114.0, 118.2, 0.0);
(397438.3, 3766971.1, 109.0, 149.0, 0.0); (397478.3, 3766971.1, 107.3, 186.4, 0.0);
(397518.3, 3766971.1, 107.2, 188.3, 0.0); (397558.3, 3766971.1, 107.1, 188.6, 0.0);
(397598.3, 3766971.1, 107.4, 190.2, 0.0); (397638.3, 3766971.1, 107.7, 190.6, 0.0);
(397678.3, 3766971.1, 107.8, 191.1, 0.0); (397718.3, 3766971.1, 110.6, 191.1, 0.0);

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396558.3, 3767011.1, 94.7, 135.7, 0.0); (396598.3, 3767011.1, 93.5, 135.7, 0.0);
(396638.3, 3767011.1, 94.6, 135.5, 0.0); (396678.3, 3767011.1, 96.0, 135.0, 0.0);
(396718.3, 3767011.1, 97.0, 133.9, 0.0); (396758.3, 3767011.1, 98.4, 98.4, 0.0);
(396798.3, 3767011.1, 99.5, 99.5, 0.0); (396838.3, 3767011.1, 100.6, 100.6, 0.0);
(396878.3, 3767011.1, 100.9, 134.6, 0.0); (396918.3, 3767011.1, 101.3, 134.6, 0.0);
(396958.3, 3767011.1, 101.5, 134.7, 0.0); (396998.3, 3767011.1, 103.7, 134.6, 0.0);
(397038.3, 3767011.1, 105.8, 134.6, 0.0); (397078.3, 3767011.1, 107.7, 107.7, 0.0);
(397118.3, 3767011.1, 109.4, 109.4, 0.0); (397158.3, 3767011.1, 109.6, 109.6, 0.0);
(397198.3, 3767011.1, 109.7, 147.6, 0.0); (397238.3, 3767011.1, 109.5, 149.0, 0.0);
(397278.3, 3767011.1, 110.1, 149.0, 0.0); (397318.3, 3767011.1, 111.3, 149.0, 0.0);
(397358.3, 3767011.1, 116.5, 147.6, 0.0); (397398.3, 3767011.1, 118.0, 118.0, 0.0);
(397438.3, 3767011.1, 113.2, 149.0, 0.0); (397478.3, 3767011.1, 109.0, 149.0, 0.0);
(397518.3, 3767011.1, 108.0, 149.0, 0.0); (397558.3, 3767011.1, 107.9, 187.3, 0.0);
(397598.3, 3767011.1, 107.9, 188.3, 0.0); (397638.3, 3767011.1, 108.1, 189.8, 0.0);

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     ( 397678.3, 3767011.1,     108.0,     190.6,       0.0);         ( 397718.3,
3767011.1,     111.5,     190.2,       0.0);
     ( 396558.3, 3767051.1,      96.1,     135.7,       0.0);         ( 396598.3,
3767051.1,      95.6,     135.7,       0.0);
     ( 396638.3, 3767051.1,      95.1,     135.7,       0.0);         ( 396678.3,
3767051.1,      96.7,     135.7,       0.0);
     ( 396718.3, 3767051.1,      97.9,     135.5,       0.0);         ( 396758.3,
3767051.1,      99.0,     133.9,       0.0);
     ( 396798.3, 3767051.1,     100.2,     134.6,       0.0);         ( 396838.3,
3767051.1,     101.2,     134.6,       0.0);
     ( 396878.3, 3767051.1,     102.1,     134.6,       0.0);         ( 396918.3,
3767051.1,     102.9,     142.2,       0.0);
     ( 396958.3, 3767051.1,     103.1,     142.2,       0.0);         ( 396998.3,
3767051.1,     104.0,     142.2,       0.0);
     ( 397038.3, 3767051.1,     105.9,     140.2,       0.0);         ( 397078.3,
3767051.1,     107.8,     134.6,       0.0);
     ( 397118.3, 3767051.1,     109.1,     134.6,       0.0);         ( 397158.3,
3767051.1,     109.4,     149.0,       0.0);
     ( 397198.3, 3767051.1,     109.5,     149.0,       0.0);         ( 397238.3,
3767051.1,     109.4,     149.0,       0.0);
     ( 397278.3, 3767051.1,     110.4,     149.0,       0.0);         ( 397318.3,
3767051.1,     111.8,     149.0,       0.0);
     ( 397358.3, 3767051.1,     114.0,     149.0,       0.0);         ( 397398.3,
3767051.1,     117.9,     149.0,       0.0);
     ( 397438.3, 3767051.1,     115.9,     149.0,       0.0);         ( 397478.3,
3767051.1,     112.9,     149.0,       0.0);
     ( 397518.3, 3767051.1,     111.4,     149.0,       0.0);         ( 397558.3,
3767051.1,     111.1,     149.0,       0.0);
     ( 397598.3, 3767051.1,     109.6,     149.0,       0.0);         ( 397638.3,
3767051.1,     108.8,     186.4,       0.0);
     ( 397678.3, 3767051.1,     108.9,     187.8,       0.0);         ( 397718.3,
3767051.1,     112.3,     184.8,       0.0);
     ( 396558.3, 3767091.1,      98.4,     135.7,       0.0);         ( 396598.3,
3767091.1,      98.8,     135.7,       0.0);
     ( 396638.3, 3767091.1,      96.8,     135.7,       0.0);         ( 396678.3,
3767091.1,      96.6,     135.7,       0.0);
     ( 396718.3, 3767091.1,      98.4,     135.7,       0.0);         ( 396758.3,
3767091.1,      99.8,     135.0,       0.0);
     ( 396798.3, 3767091.1,     100.9,     134.6,       0.0);         ( 396838.3,
3767091.1,     102.1,     142.2,       0.0);
     ( 396878.3, 3767091.1,     102.9,     142.2,       0.0);         ( 396918.3,
3767091.1,     103.6,     142.2,       0.0);
     ( 396958.3, 3767091.1,     104.0,     142.2,       0.0);         ( 396998.3,
3767091.1,     105.4,     142.2,       0.0);
     ( 397078.3, 3767091.1,     107.8,     147.6,       0.0);         ( 397118.3,
3767091.1,     108.7,     149.0,       0.0);
     ( 397158.3, 3767091.1,     109.1,     149.0,       0.0);         ( 397198.3,
3767091.1,     109.5,     149.0,       0.0);
     ( 397238.3, 3767091.1,     109.5,     149.0,       0.0);         ( 397278.3,
3767091.1,     110.5,     149.0,       0.0);
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(397318.3, 3767091.1, 111.9, 149.0, 0.0); (397358.3, 3767091.1, 113.8, 149.0, 0.0);
(397398.3, 3767091.1, 116.6, 149.0, 0.0); (397438.3, 3767091.1, 117.2, 149.0, 0.0);
(397478.3, 3767091.1, 118.2, 149.0, 0.0); (397518.3, 3767091.1, 117.6, 149.0, 0.0);
(397558.3, 3767091.1, 117.9, 149.0, 0.0); (397598.3, 3767091.1, 114.8, 149.0, 0.0);
(397638.3, 3767091.1, 110.9, 149.0, 0.0); (397678.3, 3767091.1, 110.4, 149.0, 0.0);
(397718.3, 3767091.1, 112.0, 147.2, 0.0); (396558.3, 3767131.1, 101.2, 135.7, 0.0);

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396598.3, 3767131.1, 101.2, 135.7, 0.0); (396638.3, 3767131.1, 100.3, 135.7, 0.0);
(396678.3, 3767131.1, 97.7, 135.7, 0.0); (396718.3, 3767131.1, 98.2, 135.7, 0.0);
(396758.3, 3767131.1, 100.1, 142.2, 0.0); (396798.3, 3767131.1, 101.8, 142.2, 0.0);
(396838.3, 3767131.1, 103.2, 142.2, 0.0); (396878.3, 3767131.1, 104.6, 142.2, 0.0);
(396918.3, 3767131.1, 104.8, 142.2, 0.0); (396958.3, 3767131.1, 106.1, 142.2, 0.0);
(397238.3, 3767131.1, 111.0, 149.0, 0.0); (397278.3, 3767131.1, 111.3, 149.0, 0.0);
(397318.3, 3767131.1, 112.3, 149.0, 0.0); (397358.3, 3767131.1, 114.1, 149.0, 0.0);
(397398.3, 3767131.1, 116.4, 149.0, 0.0); (397438.3, 3767131.1, 117.3, 149.0, 0.0);
(397478.3, 3767131.1, 119.7, 149.0, 0.0); (397518.3, 3767131.1, 119.3, 149.0, 0.0);
(397558.3, 3767131.1, 119.0, 149.0, 0.0); (397598.3, 3767131.1, 117.4, 149.0, 0.0);
(397638.3, 3767131.1, 112.6, 149.0, 0.0); (397678.3, 3767131.1, 111.8, 149.0, 0.0);
(397718.3, 3767131.1, 112.0, 148.5, 0.0); (396558.3, 3767171.1, 104.7, 135.7, 0.0);
(396598.3, 3767171.1, 103.9, 135.7, 0.0); (396638.3, 3767171.1, 103.5, 135.7, 0.0);

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     ( 396678.3, 3767171.1,     100.8,     135.7,       0.0);         ( 396718.3,
3767171.1,      98.7,     142.2,       0.0);
     ( 396758.3, 3767171.1,      99.9,     142.2,       0.0);         ( 396798.3,
3767171.1,     102.6,     142.2,       0.0);
     ( 396838.3, 3767171.1,     104.8,     142.2,       0.0);         ( 396878.3,
3767171.1,     107.3,     142.2,       0.0);
     ( 396918.3, 3767171.1,     109.2,     142.2,       0.0);         ( 397438.3,
3767171.1,     117.8,     149.0,       0.0);
     ( 397478.3, 3767171.1,     118.3,     149.0,       0.0);         ( 397518.3,
3767171.1,     117.1,     149.0,       0.0);
     ( 397558.3, 3767171.1,     116.0,     149.0,       0.0);         ( 397598.3,
3767171.1,     114.8,     149.3,       0.0);
     ( 397638.3, 3767171.1,     113.6,     149.3,       0.0);         ( 397678.3,
3767171.1,     113.6,     149.0,       0.0);
     ( 397718.3, 3767171.1,     113.3,     148.8,       0.0);         ( 396558.3,
3767211.1,     106.5,     135.7,       0.0);
     ( 396598.3, 3767211.1,     106.3,     135.7,       0.0);         ( 396638.3,
3767211.1,     105.5,     135.7,       0.0);
     ( 396678.3, 3767211.1,     105.1,     135.7,       0.0);         ( 396718.3,
3767211.1,     100.8,     178.2,       0.0);
     ( 396758.3, 3767211.1,     100.1,     179.2,       0.0);         ( 396798.3,
3767211.1,     102.1,     178.2,       0.0);
     ( 396838.3, 3767211.1,     105.7,     142.2,       0.0);         ( 396878.3,
3767211.1,     108.1,     142.2,       0.0);
     ( 396918.3, 3767211.1,     111.7,     142.2,       0.0);         ( 396958.3,
3767211.1,     113.3,     142.2,       0.0);
     ( 397438.3, 3767211.1,     124.2,     149.0,       0.0);         ( 397478.3,
3767211.1,     123.3,     149.0,       0.0);
     ( 397518.3, 3767211.1,     119.6,     149.3,       0.0);         ( 397558.3,
3767211.1,     117.5,     149.3,       0.0);
     ( 397598.3, 3767211.1,     115.6,     149.6,       0.0);         ( 397638.3,
3767211.1,     115.3,     149.3,       0.0);
     ( 397678.3, 3767211.1,     115.4,     149.3,       0.0);         ( 397718.3,
3767211.1,     114.8,     148.9,       0.0);
     ( 396558.3, 3767251.1,     111.2,     135.7,       0.0);         ( 396598.3,
3767251.1,     110.0,     135.7,       0.0);
     ( 396638.3, 3767251.1,     109.5,     135.7,       0.0);         ( 396678.3,
3767251.1,     109.1,     135.7,       0.0);
     ( 396718.3, 3767251.1,     105.3,     136.3,       0.0);         ( 396758.3,
3767251.1,     101.1,     187.0,       0.0);
     ( 396798.3, 3767251.1,     102.0,     187.3,       0.0);         ( 396838.3,
3767251.1,     104.5,     187.3,       0.0);
     ( 396878.3, 3767251.1,     109.0,     142.2,       0.0);         ( 396918.3,
3767251.1,     117.0,     142.2,       0.0);
     ( 396958.3, 3767251.1,     119.7,     142.2,       0.0);         ( 396998.3,
3767251.1,     121.8,     142.2,       0.0);
     ( 397038.3, 3767251.1,     123.3,     142.2,       0.0);         ( 397078.3,
3767251.1,     120.5,     142.2,       0.0);
     ( 397118.3, 3767251.1,     113.7,     187.6,       0.0);         ( 397318.3,
3767251.1,     118.7,     149.0,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396718.3, 3767291.1, 111.7, 135.7, 0.0); (396758.3, 3767291.1, 102.9, 187.3, 0.0);
(396798.3, 3767291.1, 102.6, 188.3, 0.0); (396838.3, 3767291.1, 104.8, 188.3, 0.0);
(396878.3, 3767291.1, 115.3, 142.2, 0.0); (396918.3, 3767291.1, 120.6, 142.2, 0.0);
(396958.3, 3767291.1, 122.8, 142.2, 0.0); (396998.3, 3767291.1, 128.6, 140.2, 0.0);
(397038.3, 3767291.1, 134.4, 134.4, 0.0); (397078.3, 3767291.1, 132.8, 134.1, 0.0);
(397118.3, 3767291.1, 125.5, 142.2, 0.0); (397158.3, 3767291.1, 115.4, 188.9, 0.0);
(397278.3, 3767291.1, 120.7, 149.0, 0.0); (397318.3, 3767291.1, 124.3, 149.0, 0.0);
(397358.3, 3767291.1, 133.3, 149.0, 0.0); (397398.3, 3767291.1, 143.5, 147.8, 0.0);
(397438.3, 3767291.1, 143.7, 147.8, 0.0); (397478.3, 3767291.1, 139.6, 148.3, 0.0);
(397518.3, 3767291.1, 137.4, 148.5, 0.0); (397558.3, 3767291.1, 138.5, 145.4, 0.0);
(397598.3, 3767291.1, 136.8, 144.6, 0.0); (397638.3, 3767291.1, 127.3, 148.8, 0.0);
(397678.3, 3767291.1, 120.5, 149.3, 0.0); (397718.3, 3767291.1, 118.7, 150.4, 0.0);

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     ( 396558.3, 3767331.1,     134.0,     134.0,       0.0);         ( 396598.3,
3767331.1,     131.8,     131.8,       0.0);
     ( 396638.3, 3767331.1,     128.4,     129.7,       0.0);         ( 396678.3,
3767331.1,     120.2,     135.7,       0.0);
     ( 396718.3, 3767331.1,     114.9,     135.7,       0.0);         ( 396758.3,
3767331.1,     105.4,     187.6,       0.0);
     ( 396798.3, 3767331.1,     103.5,     188.9,       0.0);         ( 396838.3,
3767331.1,     105.5,     188.9,       0.0);
     ( 396878.3, 3767331.1,     116.4,     178.2,       0.0);         ( 396918.3,
3767331.1,     122.3,     142.2,       0.0);
     ( 396958.3, 3767331.1,     125.5,     142.2,       0.0);         ( 396998.3,
3767331.1,     127.4,     142.2,       0.0);
     ( 397038.3, 3767331.1,     133.7,     140.2,       0.0);         ( 397078.3,
3767331.1,     135.0,     135.0,       0.0);
     ( 397118.3, 3767331.1,     132.2,     142.2,       0.0);         ( 397158.3,
3767331.1,     126.8,     142.2,       0.0);
     ( 397198.3, 3767331.1,     125.9,     149.0,       0.0);         ( 397238.3,
3767331.1,     124.0,     149.0,       0.0);
     ( 397278.3, 3767331.1,     125.5,     149.0,       0.0);         ( 397318.3,
3767331.1,     131.3,     149.0,       0.0);
     ( 397358.3, 3767331.1,     138.4,     149.0,       0.0);         ( 397398.3,
3767331.1,     147.7,     147.7,       0.0);
     ( 397438.3, 3767331.1,     147.6,     147.6,       0.0);         ( 397478.3,
3767331.1,     145.7,     145.7,       0.0);
     ( 397518.3, 3767331.1,     145.0,     145.0,       0.0);         ( 397558.3,
3767331.1,     144.4,     144.4,       0.0);
     ( 397598.3, 3767331.1,     143.6,     143.6,       0.0);         ( 397638.3,
3767331.1,     138.8,     144.5,       0.0);
     ( 397678.3, 3767331.1,     127.8,     148.8,       0.0);         ( 397718.3,
3767331.1,     121.9,     150.4,       0.0);
     ( 396558.3, 3767371.1,     134.8,     134.8,       0.0);         ( 396598.3,
3767371.1,     129.8,     135.5,       0.0);
     ( 396638.3, 3767371.1,     125.8,     135.7,       0.0);         ( 396678.3,
3767371.1,     118.3,     136.3,       0.0);
     ( 396718.3, 3767371.1,     112.6,     179.2,       0.0);         ( 396758.3,
3767371.1,     107.4,     187.6,       0.0);
     ( 396798.3, 3767371.1,     104.9,     188.9,       0.0);         ( 396838.3,
3767371.1,     105.7,     188.9,       0.0);
     ( 396878.3, 3767371.1,     114.0,     187.6,       0.0);         ( 396918.3,
3767371.1,     120.9,     178.2,       0.0);
     ( 396958.3, 3767371.1,     125.6,     142.2,       0.0);         ( 396998.3,
3767371.1,     127.5,     142.2,       0.0);
     ( 397038.3, 3767371.1,     134.4,     142.2,       0.0);         ( 397078.3,
3767371.1,     138.0,     140.2,       0.0);
     ( 397118.3, 3767371.1,     135.8,     141.9,       0.0);         ( 397158.3,
3767371.1,     135.4,     137.8,       0.0);
     ( 397198.3, 3767371.1,     132.5,     139.4,       0.0);         ( 397238.3,
3767371.1,     129.2,     149.0,       0.0);
     ( 397278.3, 3767371.1,     129.5,     149.0,       0.0);         ( 397318.3,
3767371.1,     134.3,     149.0,       0.0);
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(397358.3, 3767371.1, 138.9, 149.0, 0.0); (397398.3, 3767371.1, 148.1, 148.1, 0.0);
(397438.3, 3767371.1, 148.3, 148.3, 0.0); (397478.3, 3767371.1, 147.7, 147.7, 0.0);
(397518.3, 3767371.1, 146.8, 146.8, 0.0); (397558.3, 3767371.1, 145.8, 145.8, 0.0);
(397598.3, 3767371.1, 144.6, 144.6, 0.0); (397638.3, 3767371.1, 144.0, 144.0, 0.0);
(397678.3, 3767371.1, 139.7, 144.9, 0.0); (397718.3, 3767371.1, 129.0, 149.1, 0.0);
(396558.3, 3767411.1, 135.2, 135.2, 0.0); (396598.3, 3767411.1, 128.0, 135.7, 0.0);
(396638.3, 3767411.1, 121.1, 136.3, 0.0); (396678.3, 3767411.1, 115.7, 179.2, 0.0);
(396718.3, 3767411.1, 112.4, 186.6, 0.0); (396758.3, 3767411.1, 108.8, 188.3, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396798.3, 3767411.1, 106.0, 188.9, 0.0); (396838.3, 3767411.1, 106.9, 188.9, 0.0);
(396878.3, 3767411.1, 113.9, 188.9, 0.0); (396918.3, 3767411.1, 119.2, 188.3, 0.0);
(396958.3, 3767411.1, 125.5, 186.6, 0.0); (396998.3, 3767411.1, 131.9, 142.2, 0.0);
(397038.3, 3767411.1, 138.6, 142.2, 0.0); (397078.3, 3767411.1, 141.9, 141.9, 0.0);
(397118.3, 3767411.1, 140.9, 141.2, 0.0); (397158.3, 3767411.1, 137.9, 139.4, 0.0);
(397198.3, 3767411.1, 134.3, 134.3, 0.0); (397238.3, 3767411.1, 131.6, 187.6, 0.0);
(397278.3, 3767411.1, 130.9, 187.6, 0.0); (397318.3, 3767411.1, 134.1, 149.0, 0.0);
(397358.3, 3767411.1, 137.6, 149.0, 0.0); (397398.3, 3767411.1, 146.7, 147.7, 0.0);
(397438.3, 3767411.1, 148.4, 148.4, 0.0); (397478.3, 3767411.1, 148.7, 148.7, 0.0);
(397518.3, 3767411.1, 148.2, 148.2, 0.0); (397558.3, 3767411.1, 147.1, 147.1, 0.0);
(397598.3, 3767411.1, 145.6, 145.6, 0.0); (397638.3, 3767411.1, 144.9, 144.9, 0.0);

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     ( 397678.3, 3767411.1,     144.9,     144.9,       0.0);         ( 397718.3,
3767411.1,     139.1,     145.3,       0.0);
     ( 396558.3, 3767451.1,     133.6,     133.6,       0.0);         ( 396598.3,
3767451.1,     127.7,     135.7,       0.0);
     ( 396638.3, 3767451.1,     120.9,     136.8,       0.0);         ( 396678.3,
3767451.1,     117.4,     179.2,       0.0);
     ( 396718.3, 3767451.1,     115.4,     186.6,       0.0);         ( 396758.3,
3767451.1,     110.2,     188.9,       0.0);
     ( 396798.3, 3767451.1,     106.8,     188.9,       0.0);         ( 396838.3,
3767451.1,     108.8,     188.9,       0.0);
     ( 396878.3, 3767451.1,     113.5,     188.9,       0.0);         ( 396918.3,
3767451.1,     118.9,     188.9,       0.0);
     ( 396958.3, 3767451.1,     125.3,     187.6,       0.0);         ( 396998.3,
3767451.1,     131.1,     186.6,       0.0);
     ( 397038.3, 3767451.1,     136.7,     142.2,       0.0);         ( 397078.3,
3767451.1,     140.6,     140.6,       0.0);
     ( 397118.3, 3767451.1,     141.6,     141.6,       0.0);         ( 397158.3,
3767451.1,     139.4,     139.4,       0.0);
     ( 397198.3, 3767451.1,     136.1,     136.1,       0.0);         ( 397238.3,
3767451.1,     133.5,     188.9,       0.0);
     ( 397278.3, 3767451.1,     131.8,     188.9,       0.0);         ( 397318.3,
3767451.1,     133.4,     188.9,       0.0);
     ( 397358.3, 3767451.1,     136.6,     149.0,       0.0);         ( 397398.3,
3767451.1,     145.4,     147.2,       0.0);
     ( 397438.3, 3767451.1,     147.7,     147.7,       0.0);         ( 397478.3,
3767451.1,     148.5,     148.5,       0.0);
     ( 397518.3, 3767451.1,     148.6,     148.6,       0.0);         ( 397558.3,
3767451.1,     147.8,     147.8,       0.0);
     ( 397598.3, 3767451.1,     146.3,     146.3,       0.0);         ( 397638.3,
3767451.1,     145.6,     145.6,       0.0);
     ( 397678.3, 3767451.1,     145.4,     145.4,       0.0);         ( 397718.3,
3767451.1,     143.1,     143.1,       0.0);
     ( 396558.3, 3767491.1,     132.0,     132.0,       0.0);         ( 396598.3,
3767491.1,     127.6,     136.8,       0.0);
     ( 396638.3, 3767491.1,     126.6,     136.8,       0.0);         ( 396678.3,
3767491.1,     125.9,     136.8,       0.0);
     ( 396718.3, 3767491.1,     122.0,     179.2,       0.0);         ( 396758.3,
3767491.1,     112.0,     188.9,       0.0);
     ( 396798.3, 3767491.1,     107.5,     188.9,       0.0);         ( 396838.3,
3767491.1,     109.0,     188.9,       0.0);
     ( 396878.3, 3767491.1,     112.7,     188.9,       0.0);         ( 396918.3,
3767491.1,     118.4,     188.9,       0.0);
     ( 396958.3, 3767491.1,     123.7,     188.9,       0.0);         ( 396998.3,
3767491.1,     128.9,     188.9,       0.0);
     ( 397038.3, 3767491.1,     135.5,     187.0,       0.0);         ( 397078.3,
3767491.1,     139.6,     139.6,       0.0);
     ( 397118.3, 3767491.1,     141.3,     141.3,       0.0);         ( 397158.3,
3767491.1,     140.1,     140.1,       0.0);
     ( 397198.3, 3767491.1,     137.2,     187.6,       0.0);         ( 397238.3,
3767491.1,     134.8,     188.9,       0.0);
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     ( 397278.3, 3767491.1,     133.2,     188.9,       0.0);         ( 397318.3,
3767491.1,     133.0,     188.9,       0.0);
     ( 397358.3, 3767491.1,     135.1,     188.9,       0.0);         ( 397398.3,
3767491.1,     141.3,     148.1,       0.0);
     ( 397438.3, 3767491.1,     145.7,     145.7,       0.0);         ( 397478.3,
3767491.1,     148.2,     148.2,       0.0);
     ( 397518.3, 3767491.1,     149.0,     149.0,       0.0);         ( 397558.3,
3767491.1,     148.5,     148.5,       0.0);
     ( 397598.3, 3767491.1,     146.5,     146.5,       0.0);         ( 397638.3,
3767491.1,     146.2,     146.2,       0.0);
     ( 397678.3, 3767491.1,     145.9,     145.9,       0.0);         ( 397718.3,
3767491.1,     144.1,     145.4,       0.0);
     ( 396558.3, 3767531.1,     133.5,     133.5,       0.0);         ( 396598.3,
3767531.1,     132.4,     136.8,       0.0);
     ( 396638.3, 3767531.1,     134.6,     136.3,       0.0);         ( 396678.3,
3767531.1,     133.6,     136.3,       0.0);
     ( 396718.3, 3767531.1,     125.4,     179.2,       0.0);         ( 396758.3,
3767531.1,     111.2,     188.9,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                         ***       16:32:54

                                    PAGE  17
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 396798.3, 3767531.1,     108.6,     188.9,       0.0);         ( 396838.3,
3767531.1,     112.0,     188.9,       0.0);
     ( 396878.3, 3767531.1,     113.6,     188.9,       0.0);         ( 396918.3,
3767531.1,     116.8,     188.9,       0.0);
     ( 396958.3, 3767531.1,     121.4,     188.9,       0.0);         ( 396998.3,
3767531.1,     126.2,     188.9,       0.0);
     ( 397038.3, 3767531.1,     133.5,     188.9,       0.0);         ( 397078.3,
3767531.1,     136.9,     188.9,       0.0);
     ( 397118.3, 3767531.1,     140.5,     187.6,       0.0);         ( 397158.3,
3767531.1,     140.7,     187.6,       0.0);
     ( 397198.3, 3767531.1,     138.5,     188.9,       0.0);         ( 397238.3,
3767531.1,     136.3,     188.9,       0.0);
     ( 397278.3, 3767531.1,     134.5,     188.9,       0.0);         ( 397318.3,
3767531.1,     133.7,     188.9,       0.0);
     ( 397358.3, 3767531.1,     134.0,     188.9,       0.0);         ( 397398.3,
3767531.1,     139.0,     188.9,       0.0);
     ( 397438.3, 3767531.1,     146.3,     146.3,       0.0);         ( 397478.3,
3767531.1,     148.9,     148.9,       0.0);
     ( 397518.3, 3767531.1,     149.4,     149.4,       0.0);         ( 397558.3,
3767531.1,     149.1,     149.1,       0.0);
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     ( 397598.3, 3767531.1,     147.0,     147.0,       0.0);         ( 397638.3,
3767531.1,     147.3,     147.3,       0.0);
     ( 397678.3, 3767531.1,     147.5,     147.5,       0.0);         ( 397718.3,
3767531.1,     146.1,     147.0,       0.0);
     ( 397320.8, 3767219.1,     114.7,     149.3,       0.0);         ( 397330.8,
3767209.1,     114.5,     149.3,       0.0);
     ( 397340.8, 3767189.1,     113.5,     149.3,       0.0);         ( 397340.8,
3767199.1,     114.0,     149.3,       0.0);
     ( 397340.8, 3767209.1,     115.0,     149.3,       0.0);         ( 397350.8,
3767189.1,     113.7,     149.3,       0.0);
     ( 397350.8, 3767199.1,     114.3,     149.3,       0.0);         ( 397360.8,
3767189.1,     114.1,     149.3,       0.0);
     ( 397360.8, 3767199.1,     114.7,     149.3,       0.0);         ( 397370.8,
3767189.1,     114.4,     149.3,       0.0);
     ( 397380.8, 3767189.1,     114.9,     149.3,       0.0);         ( 396934.7,
3767169.5,     108.7,     142.2,       0.0);
     ( 397014.5, 3767229.6,     112.6,     142.2,       0.0);         ( 397044.1,
3767224.0,     112.6,     142.2,       0.0);
     ( 397113.6, 3767239.9,     112.1,     187.6,       0.0);         ( 397158.6,
3767280.3,     113.8,     188.9,       0.0);
     ( 397169.0, 3767307.0,     119.0,     187.6,       0.0);         ( 397244.0,
3767296.7,     118.1,     188.9,       0.0);
     ( 397261.0, 3767278.9,     117.5,     187.6,       0.0);         ( 397409.7,
3767205.7,     119.8,     149.0,       0.0);
     ( 397422.9, 3767189.2,     118.1,     149.0,       0.0);         ( 397426.6,
3767180.8,     117.9,     149.0,       0.0);
     ( 397420.5, 3767170.5,     116.8,     149.0,       0.0);         ( 397318.7,
3767160.1,     112.9,     149.0,       0.0);
     ( 397023.0, 3767083.6,     105.7,     142.2,       0.0);         ( 396920.4,
3767167.3,     108.8,     142.2,       0.0);
     ( 396990.0, 3767243.5,     119.6,     142.2,       0.0);         ( 397044.1,
3767224.0,     112.6,     142.2,       0.0);
     ( 397113.6, 3767239.9,     112.1,     187.6,       0.0);         ( 397158.6,
3767280.3,     113.8,     188.9,       0.0);
     ( 397169.0, 3767307.0,     119.0,     187.6,       0.0);         ( 397244.0,
3767296.7,     118.1,     188.9,       0.0);
     ( 397261.0, 3767278.9,     117.5,     187.6,       0.0);         ( 397409.7,
3767205.7,     119.8,     149.0,       0.0);
     ( 397422.9, 3767189.2,     118.1,     149.0,       0.0);         ( 397426.6,
3767180.8,     117.9,     149.0,       0.0);
     ( 397420.5, 3767170.5,     116.8,     149.0,       0.0);         ( 397318.7,
3767160.1,     112.9,     149.0,       0.0);
     ( 397023.0, 3767083.6,     105.7,     142.2,       0.0);

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       16:32:54

                                PAGE  18
```

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

1 1 1

Profile format: FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: PICO Name: UNKNOWN

Year: 2010 Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
10	01	01	1	01	-38.6	0.384	-9.000	-9.000	-999.	572.	162.4	0.34	0.73	1.00	3.10	321.	9.1	283.8	5.5
10	01	01	1	02	-33.5	0.333	-9.000	-9.000	-999.	462.	121.8	0.34	0.73	1.00	2.70	217.	9.1	282.5	5.5
10	01	01	1	03	-21.9	0.218	-9.000	-9.000	-999.	251.	52.2	0.34	0.73	1.00	1.80	290.	9.1	282.5	5.5
10	01	01	1	04	-27.1	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	255.	9.1	282.0	5.5
10	01	01	1	05	-21.9	0.218	-9.000	-9.000	-999.	245.	52.2	0.34	0.73	1.00	1.80	234.	9.1	282.0	5.5
10	01	01	1	06	-27.1	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	258.	9.1	282.0	5.5
10	01	01	1	07	-27.2	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	213.	9.1	281.4	5.5
10	01	01	1	08	-22.6	0.335	-9.000	-9.000	-999.	466.	151.7	0.34	0.73	0.54	2.70	215.	9.1	282.0	5.5
10	01	01	1	09	26.9	0.249	0.347	0.008	56.	302.	-51.9	0.34	0.73	0.32	1.80	199.	9.1	284.2	5.5
10	01	01	1	10	65.3	0.365	0.593	0.008	116.	529.	-67.5	0.34	0.73	0.24	2.70	117.	9.1	288.1	5.5
10	01	01	1	11	94.5	0.374	0.933	0.008	311.	550.	-50.3	0.34	0.73	0.21	2.70	243.	9.1	290.4	5.5
10	01	01	1	12	103.9	0.279	1.087	0.008	448.	359.	-19.0	0.34	0.73	0.20	1.80	130.	9.1	293.1	5.5
10	01	01	1	13	83.7	0.273	1.073	0.008	533.	343.	-22.0	0.34	0.73	0.20	1.80	282.	9.1	294.9	5.5
10	01	01	1	14	82.0	0.218	1.112	0.008	606.	245.	-11.4	0.34	0.73	0.21	1.30	290.	9.1	295.9	5.5
10	01	01	1	15	38.9	0.202	0.881	0.008	636.	217.	-19.0	0.34	0.73	0.25	1.30	192.	9.1	294.9	5.5
10	01	01	1	16	11.4	0.181	0.588	0.008	643.	185.	-47.4	0.34	0.73	0.33	1.30	218.	9.1	293.8	5.5
10	01	01	1	17	-10.7	0.155	-9.000	-9.000	-999.	147.	31.4	0.34	0.73	0.60	1.30	255.	9.1	292.0	5.5
10	01	01	1	18	-5.5	0.104	-9.000	-9.000	-999.	81.	18.6	0.34	0.73	1.00	0.90	129.	9.1	289.2	5.5
10	01	01	1	19	-11.8	0.154	-9.000	-9.000	-999.	145.	27.8	0.34	0.73	1.00	1.30	264.	9.1	287.5	5.5

```
 10 01 01   1 20  -11.8  0.154 -9.000 -9.000 -999.  144.     27.8  0.34   0.73
1.00    1.30   25.    9.1  287.0    5.5
 10 01 01   1 21  -21.6  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  343.    9.1  285.9    5.5
 10 01 01   1 22  -21.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  332.    9.1  284.9    5.5
 10 01 01   1 23  -21.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  178.    9.1  284.2    5.5
 10 01 01   1 24  -11.8  0.154 -9.000 -9.000 -999.  145.     27.6  0.34   0.73
1.00    1.30   28.    9.1  283.1    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 10 01 01 01    5.5 0 -999.  -99.00   283.8   99.0  -99.00  -99.00
 10 01 01 01    9.1 1  321.    3.10  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3766771.08        0.10475                      396598.26
3766771.08        0.12870
         396638.26    3766771.08        0.16274                      396678.26
3766771.08        0.19836
```

396718.26 3766771.08 0.23827 396758.26
3766771.08 0.26699
396798.26 3766771.08 0.28275 396838.26
3766771.08 0.29690
396878.26 3766771.08 0.29609 396918.26
3766771.08 0.27967
396958.26 3766771.08 0.24899 396998.26
3766771.08 0.20705
397038.26 3766771.08 0.16200 397078.26
3766771.08 0.12176
397118.26 3766771.08 0.09022 397158.26
3766771.08 0.06855
397198.26 3766771.08 0.05693 397238.26
3766771.08 0.05164
397278.26 3766771.08 0.05012 397318.26
3766771.08 0.05035
397358.26 3766771.08 0.05083 397398.26
3766771.08 0.05073
397438.26 3766771.08 0.04949 397478.26
3766771.08 0.04755
397518.26 3766771.08 0.04518 397558.26
3766771.08 0.04248
397598.26 3766771.08 0.03989 397638.26
3766771.08 0.03724
397678.26 3766771.08 0.03478 397718.26
3766771.08 0.03225
396558.26 3766811.08 0.10258 396598.26
3766811.08 0.12460
396638.26 3766811.08 0.15968 396678.26
3766811.08 0.20211
396718.26 3766811.08 0.24063 396758.26
3766811.08 0.27439
396798.26 3766811.08 0.31069 396838.26
3766811.08 0.33958
396878.26 3766811.08 0.35049 396918.26
3766811.08 0.34216
396958.26 3766811.08 0.31227 396998.26
3766811.08 0.26521
397038.26 3766811.08 0.20899 397078.26
3766811.08 0.15595
397118.26 3766811.08 0.11375 397158.26
3766811.08 0.08487
397198.26 3766811.08 0.06812 397238.26
3766811.08 0.06066
397278.26 3766811.08 0.05830 397318.26
3766811.08 0.05827
397358.26 3766811.08 0.05841 397398.26
3766811.08 0.05760
397438.26 3766811.08 0.05566 397478.26
3766811.08 0.05296

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         397518.26    3766811.08        0.04994                      397558.26
3766811.08        0.04673
         397598.26    3766811.08        0.04366                      397638.26
3766811.08        0.04071
         397678.26    3766811.08        0.03783                      397718.26
3766811.08        0.03500
         396558.26    3766851.08        0.09828                      396598.26
3766851.08        0.11943
         396638.26    3766851.08        0.14832                      396678.26
3766851.08        0.18925
         396718.26    3766851.08        0.23227                      396758.26
3766851.08        0.27896
         396798.26    3766851.08        0.32988                      396838.26
3766851.08        0.37461
         396878.26    3766851.08        0.40734                      396918.26
3766851.08        0.41133
         396958.26    3766851.08        0.38825                      396998.26
3766851.08        0.33768
         397038.26    3766851.08        0.27110                      397078.26
3766851.08        0.20365
         397118.26    3766851.08        0.14720                      397158.26
3766851.08        0.10678
         397198.26    3766851.08        0.08344                      397238.26
3766851.08        0.07362
         397278.26    3766851.08        0.07008                      397318.26
3766851.08        0.06811
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE  21
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF NO2      IN MICROGRAMS/M**3
                    **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397358.26	3766851.08	0.06727	397398.26	3766851.08	0.06551
397438.26	3766851.08	0.06272	397478.26	3766851.08	0.05920
397518.26	3766851.08	0.05536	397558.26	3766851.08	0.05164
397598.26	3766851.08	0.04793	397638.26	3766851.08	0.04443
397678.26	3766851.08	0.04101	397718.26	3766851.08	0.03774
396558.26	3766891.08	0.09178	396598.26	3766891.08	0.11299
396638.26	3766891.08	0.14038	396678.26	3766891.08	0.17702
396718.26	3766891.08	0.22410	396758.26	3766891.08	0.27704
396798.26	3766891.08	0.33842	396838.26	3766891.08	0.39983
396878.26	3766891.08	0.45621	396918.26	3766891.08	0.47899
396958.26	3766891.08	0.47383	396998.26	3766891.08	0.42834
397038.26	3766891.08	0.35354	397078.26	3766891.08	0.27544
397118.26	3766891.08	0.19694	397158.26	3766891.08	0.13649
397198.26	3766891.08	0.10489	397238.26	3766891.08	0.09039
397278.26	3766891.08	0.08519	397318.26	3766891.08	0.08285
397358.26	3766891.08	0.07926	397398.26	3766891.08	0.07493
397438.26	3766891.08	0.07068	397478.26	3766891.08	0.06617
397518.26	3766891.08	0.06159	397558.26	3766891.08	0.05702
397598.26	3766891.08	0.05264	397638.26	3766891.08	0.04844
397678.26	3766891.08	0.04436	397718.26	3766891.08	0.04059
396558.26	3766931.08	0.08552	396598.26	3766931.08	0.10377
396638.26	3766931.08	0.13063	396678.26	3766931.08	0.16345
396718.26	3766931.08	0.20679	396758.26	3766931.08	0.26420

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         396798.26    3766931.08        0.32996                      396838.26
3766931.08        0.40944
         396878.26    3766931.08        0.48553                      396918.26
3766931.08        0.54598
         396958.26    3766931.08        0.56816                      396998.26
3766931.08        0.54404
         397038.26    3766931.08        0.47644                      397078.26
3766931.08        0.37869
         397118.26    3766931.08        0.27743                      397158.26
3766931.08        0.19054
         397198.26    3766931.08        0.13868                      397238.26
3766931.08        0.11426
         397278.26    3766931.08        0.10426                      397318.26
3766931.08        0.10001
         397358.26    3766931.08        0.09752                      397398.26
3766931.08        0.08932
         397438.26    3766931.08        0.08101                      397478.26
3766931.08        0.07447
         397518.26    3766931.08        0.06902                      397558.26
3766931.08        0.06315
         397598.26    3766931.08        0.05770                      397638.26
3766931.08        0.05248
         397678.26    3766931.08        0.04768                      397718.26
3766931.08        0.04370
         396558.26    3766971.08        0.07887                      396598.26
3766971.08        0.09544
         396638.26    3766971.08        0.11789                      396678.26
3766971.08        0.14702
         396718.26    3766971.08        0.18728                      396758.26
3766971.08        0.23747
         396798.26    3766971.08        0.30816                      396838.26
3766971.08        0.39334
         396878.26    3766971.08        0.49633                      396918.26
3766971.08        0.59844
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
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                                   PAGE  22
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                   INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
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EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396958.26	3766971.08	0.67105	396998.26	3766971.08	0.69191
397038.26	3766971.08	0.64241	397078.26	3766971.08	0.55102
397118.26	3766971.08	0.46749	397158.26	3766971.08	0.34636
397198.26	3766971.08	0.21466	397238.26	3766971.08	0.15312
397278.26	3766971.08	0.13116	397318.26	3766971.08	0.12356
397358.26	3766971.08	0.11488	397398.26	3766971.08	0.10680
397438.26	3766971.08	0.09532	397478.26	3766971.08	0.08517
397518.26	3766971.08	0.07714	397558.26	3766971.08	0.06964
397598.26	3766971.08	0.06278	397638.26	3766971.08	0.05648
397678.26	3766971.08	0.05082	397718.26	3766971.08	0.04652
396558.26	3767011.08	0.07234	396598.26	3767011.08	0.08646
396638.26	3767011.08	0.10622	396678.26	3767011.08	0.13164
396718.26	3767011.08	0.16436	396758.26	3767011.08	0.21035
396798.26	3767011.08	0.27128	396838.26	3767011.08	0.36015
396878.26	3767011.08	0.47732	396918.26	3767011.08	0.62384
396958.26	3767011.08	0.75828	396998.26	3767011.08	0.85537
397038.26	3767011.08	0.92400	397078.26	3767011.08	0.97467
397118.26	3767011.08	0.78892	397158.26	3767011.08	0.52309
397198.26	3767011.08	0.32935	397238.26	3767011.08	0.22591

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         397278.26    3767011.08        0.17833                      397318.26
3767011.08        0.15369
         397358.26    3767011.08        0.13548                      397398.26
3767011.08        0.12039
         397438.26    3767011.08        0.11092                      397478.26
3767011.08        0.09650
         397518.26    3767011.08        0.08558                      397558.26
3767011.08        0.07621
         397598.26    3767011.08        0.06795                      397638.26
3767011.08        0.06063
         397678.26    3767011.08        0.05391                      397718.26
3767011.08        0.04934
         396558.26    3767051.08        0.06748                      396598.26
3767051.08        0.07974
         396638.26    3767051.08        0.09523                      396678.26
3767051.08        0.11666
         396718.26    3767051.08        0.14489                      396758.26
3767051.08        0.18193
         396798.26    3767051.08        0.23280                      396838.26
3767051.08        0.30924
         396878.26    3767051.08        0.42849                      396918.26
3767051.08        0.60743
         396958.26    3767051.08        0.81654                      396998.26
3767051.08        1.16091
         397038.26    3767051.08        1.44359                      397078.26
3767051.08        1.19103
         397118.26    3767051.08        0.96321                      397158.26
3767051.08        0.66684
         397198.26    3767051.08        0.43009                      397238.26
3767051.08        0.29070
         397278.26    3767051.08        0.24025                      397318.26
3767051.08        0.20767
         397358.26    3767051.08        0.16409                      397398.26
3767051.08        0.13928
         397438.26    3767051.08        0.12299                      397478.26
3767051.08        0.10999
         397518.26    3767051.08        0.09595                      397558.26
3767051.08        0.08454
         397598.26    3767051.08        0.07363                      397638.26
3767051.08        0.06465
         397678.26    3767051.08        0.05735                      397718.26
3767051.08        0.05231
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:32:54

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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3767091.08	0.06369	396598.26	3767091.08	0.07460
396638.26	3767091.08	0.08708	396678.26	3767091.08	0.10387
396718.26	3767091.08	0.12694	396758.26	3767091.08	0.15690
396798.26	3767091.08	0.19860	396838.26	3767091.08	0.25891
396878.26	3767091.08	0.35512	396918.26	3767091.08	0.51869
396958.26	3767091.08	0.87320	396998.26	3767091.08	1.69684
397078.26	3767091.08	1.52585	397118.26	3767091.08	1.40651
397158.26	3767091.08	1.07040	397198.26	3767091.08	0.68186
397238.26	3767091.08	0.43002	397278.26	3767091.08	0.32829
397318.26	3767091.08	0.29484	397358.26	3767091.08	0.20211
397398.26	3767091.08	0.16251	397438.26	3767091.08	0.13792
397478.26	3767091.08	0.11789	397518.26	3767091.08	0.10270
397558.26	3767091.08	0.08952	397598.26	3767091.08	0.07955
397638.26	3767091.08	0.07006	397678.26	3767091.08	0.06132
397718.26	3767091.08	0.05502	396558.26	3767131.08	0.06148

396598.26 3767131.08 0.07095 396638.26
3767131.08 0.08210
396678.26 3767131.08 0.09457 396718.26
3767131.08 0.11266
396758.26 3767131.08 0.13743 396798.26
3767131.08 0.17057
396838.26 3767131.08 0.21712 396878.26
3767131.08 0.28876
396918.26 3767131.08 0.40066 396958.26
3767131.08 0.73527
397238.26 3767131.08 0.85959 397278.26
3767131.08 0.53039
397318.26 3767131.08 0.40772 397358.26
3767131.08 0.27043
397398.26 3767131.08 0.18798 397438.26
3767131.08 0.15562
397478.26 3767131.08 0.13004 397518.26
3767131.08 0.11161
397558.26 3767131.08 0.09691 397598.26
3767131.08 0.08480
397638.26 3767131.08 0.07610 397678.26
3767131.08 0.06651
397718.26 3767131.08 0.05882 396558.26
3767171.08 0.06075
396598.26 3767171.08 0.06883 396638.26
3767171.08 0.07885
396678.26 3767171.08 0.08919 396718.26
3767171.08 0.10263
396758.26 3767171.08 0.12209 396798.26
3767171.08 0.14962
396838.26 3767171.08 0.18758 396878.26
3767171.08 0.24406
396918.26 3767171.08 0.32755 397438.26
3767171.08 0.18379
397478.26 3767171.08 0.15282 397518.26
3767171.08 0.12944
397558.26 3767171.08 0.11135 397598.26
3767171.08 0.09653
397638.26 3767171.08 0.08399 397678.26
3767171.08 0.07313
397718.26 3767171.08 0.06423 396558.26
3767211.08 0.06015
396598.26 3767211.08 0.06805 396638.26
3767211.08 0.07702
396678.26 3767211.08 0.08786 396718.26
3767211.08 0.09746
396758.26 3767211.08 0.11240 396798.26
3767211.08 0.13414
396838.26 3767211.08 0.16646 396878.26
3767211.08 0.20996

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	0.27646	396958.26	3767211.08	0.35584
397438.26	3767211.08	0.23547	397478.26	3767211.08	0.18851
397518.26	3767211.08	0.15721	397558.26	3767211.08	0.13300
397598.26	3767211.08	0.11370	397638.26	3767211.08	0.09722
397678.26	3767211.08	0.08330	397718.26	3767211.08	0.07203
396558.26	3767251.08	0.06079	396598.26	3767251.08	0.06807
396638.26	3767251.08	0.07697	396678.26	3767251.08	0.08762
396718.26	3767251.08	0.09685	396758.26	3767251.08	0.10717
396798.26	3767251.08	0.12509	396838.26	3767251.08	0.15067
396878.26	3767251.08	0.19080	396918.26	3767251.08	0.23810
396958.26	3767251.08	0.29130	396998.26	3767251.08	0.38866

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         397038.26    3767251.08        0.51879                    397078.26
3767251.08        0.91162
         397118.26    3767251.08        2.36614                    397318.26
3767251.08        1.00256
         397358.26    3767251.08        0.63907                    397398.26
3767251.08        0.44693
         397438.26    3767251.08        0.33421                    397478.26
3767251.08        0.25534
         397518.26    3767251.08        0.20373                    397558.26
3767251.08        0.16578
         397598.26    3767251.08        0.13778                    397638.26
3767251.08        0.11610
         397678.26    3767251.08        0.09801                    397718.26
3767251.08        0.08322
         396558.26    3767291.08        0.05820                    396598.26
3767291.08        0.06590
         396638.26    3767291.08        0.07484                    396678.26
3767291.08        0.08589
         396718.26    3767291.08        0.09856                    396758.26
3767291.08        0.10356
         396798.26    3767291.08        0.11856                    396838.26
3767291.08        0.14057
         396878.26    3767291.08        0.17900                    396918.26
3767291.08        0.21017
         396958.26    3767291.08        0.25540                    396998.26
3767291.08        0.34655
         397038.26    3767291.08        0.64876                    397078.26
3767291.08        1.02158
         397118.26    3767291.08        1.18736                    397158.26
3767291.08        2.22438
         397278.26    3767291.08        1.54347                    397318.26
3767291.08        1.34781
         397358.26    3767291.08        0.84430                    397398.26
3767291.08        0.63479
         397438.26    3767291.08        0.46501                    397478.26
3767291.08        0.34721
         397518.26    3767291.08        0.26946                    397558.26
3767291.08        0.21624
         397598.26    3767291.08        0.17524                    397638.26
3767291.08        0.14203
         397678.26    3767291.08        0.11767                    397718.26
3767291.08        0.09859
         396558.26    3767331.08        0.05724                    396598.26
3767331.08        0.06407
         396638.26    3767331.08        0.07205                    396678.26
3767331.08        0.08224
         396718.26    3767331.08        0.09495                    396758.26
3767331.08        0.10197
         396798.26    3767331.08        0.11417                    396838.26
3767331.08        0.13378
```

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         396878.26    3767331.08        0.16538                      396918.26
3767331.08        0.19105
         396958.26    3767331.08        0.23075                      396998.26
3767331.08        0.30397
         397038.26    3767331.08        0.50881                      397078.26
3767331.08        0.92783
         397118.26    3767331.08        1.29166                      397158.26
3767331.08        1.67397
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                  PAGE  25
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397198.26    3767331.08        1.80694                      397238.26
3767331.08        1.83924
         397278.26    3767331.08        1.65535                      397318.26
3767331.08        1.22597
         397358.26    3767331.08        0.97694                      397398.26
3767331.08        0.77817
         397438.26    3767331.08        0.58220                      397478.26
3767331.08        0.44121
         397518.26    3767331.08        0.34411                      397558.26
3767331.08        0.27411
         397598.26    3767331.08        0.21949                      397638.26
3767331.08        0.17638
         397678.26    3767331.08        0.14261                      397718.26
3767331.08        0.11717
```

396558.26 3767371.08 0.05584 396598.26 3767371.08 0.06197
396638.26 3767371.08 0.06967 396678.26 3767371.08 0.07932
396718.26 3767371.08 0.09161 396758.26 3767371.08 0.09906
396798.26 3767371.08 0.10960 396838.26 3767371.08 0.12577
396878.26 3767371.08 0.15458 396918.26 3767371.08 0.17595
396958.26 3767371.08 0.20978 396998.26 3767371.08 0.27232
397038.26 3767371.08 0.40839 397078.26 3767371.08 0.65981
397118.26 3767371.08 0.92377 397158.26 3767371.08 1.20577
397198.26 3767371.08 1.32576 397238.26 3767371.08 1.33223
397278.26 3767371.08 1.25007 397318.26 3767371.08 1.12235
397358.26 3767371.08 0.96180 397398.26 3767371.08 0.81764
397438.26 3767371.08 0.64495 397478.26 3767371.08 0.50801
397518.26 3767371.08 0.40417 397558.26 3767371.08 0.32404
397598.26 3767371.08 0.26156 397638.26 3767371.08 0.21212
397678.26 3767371.08 0.17102 397718.26 3767371.08 0.13816
396558.26 3767411.08 0.05424 396598.26 3767411.08 0.05994
396638.26 3767411.08 0.06743 396678.26 3767411.08 0.07675
396718.26 3767411.08 0.08754 396758.26 3767411.08 0.09560
396798.26 3767411.08 0.10509 396838.26 3767411.08 0.11952
396878.26 3767411.08 0.14285 396918.26 3767411.08 0.16087
396958.26 3767411.08 0.18842 396998.26 3767411.08 0.24373
397038.26 3767411.08 0.35571 397078.26 3767411.08 0.52302
397118.26 3767411.08 0.70219 397158.26 3767411.08 0.86007
397198.26 3767411.08 0.97045 397238.26 3767411.08 1.02885
397278.26 3767411.08 1.02473 397318.26 3767411.08 0.96880

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         397358.26    3767411.08        0.86801                      397398.26
3767411.08        0.77815
         397438.26    3767411.08        0.65526                      397478.26
3767411.08        0.54145
         397518.26    3767411.08        0.44357                      397558.26
3767411.08        0.36265
         397598.26    3767411.08        0.29546                      397638.26
3767411.08        0.24179
         397678.26    3767411.08        0.19868                      397718.26
3767411.08        0.16018
         396558.26    3767451.08        0.05249                      396598.26
3767451.08        0.05797
         396638.26    3767451.08        0.06505                      396678.26
3767451.08        0.07331
         396718.26    3767451.08        0.08254                      396758.26
3767451.08        0.09159
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:32:54

                                   PAGE  26
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF NO2      IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396798.26    3767451.08        0.09913                      396838.26
3767451.08        0.11314
         396878.26    3767451.08        0.13122                      396918.26
3767451.08        0.14659
         396958.26    3767451.08        0.16972                      396998.26
3767451.08        0.21278
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         397038.26    3767451.08        0.29352                    397078.26
3767451.08        0.41555
         397118.26    3767451.08        0.55520                    397158.26
3767451.08        0.67405
         397198.26    3767451.08        0.76566                    397238.26
3767451.08        0.82369
         397278.26    3767451.08        0.83871                    397318.26
3767451.08        0.81436
         397358.26    3767451.08        0.76441                    397398.26
3767451.08        0.70828
         397438.26    3767451.08        0.62572                    397478.26
3767451.08        0.54045
         397518.26    3767451.08        0.45894                    397558.26
3767451.08        0.38410
         397598.26    3767451.08        0.31803                    397638.26
3767451.08        0.26336
         397678.26    3767451.08        0.21860                    397718.26
3767451.08        0.17989
         396558.26    3767491.08        0.05076                    396598.26
3767491.08        0.05601
         396638.26    3767491.08        0.06233                    396678.26
3767491.08        0.06935
         396718.26    3767491.08        0.07711                    396758.26
3767491.08        0.08724
         396798.26    3767491.08        0.09286                    396838.26
3767491.08        0.10492
         396878.26    3767491.08        0.12059                    396918.26
3767491.08        0.13323
         396958.26    3767491.08        0.15312                    396998.26
3767491.08        0.18758
         397038.26    3767491.08        0.24891                    397078.26
3767491.08        0.34047
         397118.26    3767491.08        0.44552                    397158.26
3767491.08        0.54243
         397198.26    3767491.08        0.61975                    397238.26
3767491.08        0.67091
         397278.26    3767491.08        0.69578                    397318.26
3767491.08        0.68949
         397358.26    3767491.08        0.66108                    397398.26
3767491.08        0.62604
         397438.26    3767491.08        0.57780                    397478.26
3767491.08        0.51687
         397518.26    3767491.08        0.45236                    397558.26
3767491.08        0.38772
         397598.26    3767491.08        0.32746                    397638.26
3767491.08        0.27662
         397678.26    3767491.08        0.23182                    397718.26
3767491.08        0.19341
         396558.26    3767531.08        0.04928                    396598.26
3767531.08        0.05441
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         396638.26    3767531.08        0.06062                      396678.26
3767531.08        0.06693
         396718.26    3767531.08        0.07273                      396758.26
3767531.08        0.08124
         396798.26    3767531.08        0.08729                      396838.26
3767531.08        0.09919
         396878.26    3767531.08        0.10991                      396918.26
3767531.08        0.12188
         396958.26    3767531.08        0.13938                      396998.26
3767531.08        0.16821
         397038.26    3767531.08        0.21852                      397078.26
3767531.08        0.28747
         397118.26    3767531.08        0.37363                      397158.26
3767531.08        0.45513
         397198.26    3767531.08        0.51833                      397238.26
3767531.08        0.56469
         397278.26    3767531.08        0.58728                      397318.26
3767531.08        0.59083
         397358.26    3767531.08        0.57515                      397398.26
3767531.08        0.55100
         397438.26    3767531.08        0.52588                      397478.26
3767531.08        0.48392
         397518.26    3767531.08        0.43096                      397558.26
3767531.08        0.37800
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                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                  EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                  EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                  EG22        , EG23        , EG24        ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF NO2      IN MICROGRAMS/M**3
                     **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3766771.08	0.10475	396598.26	3766771.08	0.12870
396638.26	3766771.08	0.16274	396678.26	3766771.08	0.19836
396718.26	3766771.08	0.23827	396758.26	3766771.08	0.26699
396798.26	3766771.08	0.28275	396838.26	3766771.08	0.29690
396878.26	3766771.08	0.29609	396918.26	3766771.08	0.27967
396958.26	3766771.08	0.24899	396998.26	3766771.08	0.20705
397038.26	3766771.08	0.16200	397078.26	3766771.08	0.12176
397118.26	3766771.08	0.09022	397158.26	3766771.08	0.06855
397198.26	3766771.08	0.05693	397238.26	3766771.08	0.05164
397278.26	3766771.08	0.05012	397318.26	3766771.08	0.05035
397358.26	3766771.08	0.05083	397398.26	3766771.08	0.05073
397438.26	3766771.08	0.04949	397478.26	3766771.08	0.04755
397518.26	3766771.08	0.04518	397558.26	3766771.08	0.04248

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         397598.26    3766771.08        0.03989                    397638.26
3766771.08        0.03724
         397678.26    3766771.08        0.03478                    397718.26
3766771.08        0.03225
         396558.26    3766811.08        0.10258                    396598.26
3766811.08        0.12460
         396638.26    3766811.08        0.15968                    396678.26
3766811.08        0.20211
         396718.26    3766811.08        0.24063                    396758.26
3766811.08        0.27439
         396798.26    3766811.08        0.31069                    396838.26
3766811.08        0.33958
         396878.26    3766811.08        0.35049                    396918.26
3766811.08        0.34216
         396958.26    3766811.08        0.31227                    396998.26
3766811.08        0.26521
         397038.26    3766811.08        0.20899                    397078.26
3766811.08        0.15595
         397118.26    3766811.08        0.11375                    397158.26
3766811.08        0.08487
         397198.26    3766811.08        0.06812                    397238.26
3766811.08        0.06066
         397278.26    3766811.08        0.05830                    397318.26
3766811.08        0.05827
         397358.26    3766811.08        0.05841                    397398.26
3766811.08        0.05760
         397438.26    3766811.08        0.05566                    397478.26
3766811.08        0.05296
         397518.26    3766811.08        0.04994                    397558.26
3766811.08        0.04673
         397598.26    3766811.08        0.04366                    397638.26
3766811.08        0.04071
         397678.26    3766811.08        0.03783                    397718.26
3766811.08        0.03500
         396558.26    3766851.08        0.09828                    396598.26
3766851.08        0.11943
         396638.26    3766851.08        0.14832                    396678.26
3766851.08        0.18925
         396718.26    3766851.08        0.23227                    396758.26
3766851.08        0.27896
         396798.26    3766851.08        0.32988                    396838.26
3766851.08        0.37461
         396878.26    3766851.08        0.40734                    396918.26
3766851.08        0.41133
         396958.26    3766851.08        0.38825                    396998.26
3766851.08        0.33768
         397038.26    3766851.08        0.27110                    397078.26
3766851.08        0.20365
         397118.26    3766851.08        0.14720                    397158.26
3766851.08        0.10678
```

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF NO2   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397358.26   3766851.08   0.06727   397398.26
3766851.08   0.06551
         397438.26   3766851.08   0.06272   397478.26
3766851.08   0.05920
         397518.26   3766851.08   0.05536   397558.26
3766851.08   0.05164
         397598.26   3766851.08   0.04793   397638.26
3766851.08   0.04443
         397678.26   3766851.08   0.04101   397718.26
3766851.08   0.03774
         396558.26   3766891.08   0.09178   396598.26
3766891.08   0.11299
         396638.26   3766891.08   0.14038   396678.26
3766891.08   0.17702
         396718.26   3766891.08   0.22410   396758.26
3766891.08   0.27704
         396798.26   3766891.08   0.33842   396838.26
3766891.08   0.39983

396878.26 3766891.08 0.45621 396918.26
3766891.08 0.47899
396958.26 3766891.08 0.47383 396998.26
3766891.08 0.42834
397038.26 3766891.08 0.35354 397078.26
3766891.08 0.27544
397118.26 3766891.08 0.19694 397158.26
3766891.08 0.13649
397198.26 3766891.08 0.10489 397238.26
3766891.08 0.09039
397278.26 3766891.08 0.08519 397318.26
3766891.08 0.08285
397358.26 3766891.08 0.07926 397398.26
3766891.08 0.07493
397438.26 3766891.08 0.07068 397478.26
3766891.08 0.06617
397518.26 3766891.08 0.06159 397558.26
3766891.08 0.05702
397598.26 3766891.08 0.05264 397638.26
3766891.08 0.04844
397678.26 3766891.08 0.04436 397718.26
3766891.08 0.04059
396558.26 3766931.08 0.08552 396598.26
3766931.08 0.10377
396638.26 3766931.08 0.13063 396678.26
3766931.08 0.16345
396718.26 3766931.08 0.20679 396758.26
3766931.08 0.26420
396798.26 3766931.08 0.32996 396838.26
3766931.08 0.40944
396878.26 3766931.08 0.48553 396918.26
3766931.08 0.54598
396958.26 3766931.08 0.56816 396998.26
3766931.08 0.54404
397038.26 3766931.08 0.47644 397078.26
3766931.08 0.37869
397118.26 3766931.08 0.27743 397158.26
3766931.08 0.19054
397198.26 3766931.08 0.13868 397238.26
3766931.08 0.11426
397278.26 3766931.08 0.10426 397318.26
3766931.08 0.10001
397358.26 3766931.08 0.09752 397398.26
3766931.08 0.08932
397438.26 3766931.08 0.08101 397478.26
3766931.08 0.07447
397518.26 3766931.08 0.06902 397558.26
3766931.08 0.06315
397598.26 3766931.08 0.05770 397638.26
3766931.08 0.05248

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396678.26	3766931.08	0.04768	396718.26	3766931.08	0.04370
396558.26	3766971.08	0.07887	396598.26	3766971.08	0.09544
396638.26	3766971.08	0.11789	396678.26	3766971.08	0.14702
396718.26	3766971.08	0.18728	396758.26	3766971.08	0.23747
396798.26	3766971.08	0.30816	396838.26	3766971.08	0.39334
396878.26	3766971.08	0.49633	396918.26	3766971.08	0.59844
396958.26	3766971.08	0.67105	396998.26	3766971.08	0.69191
397038.26	3766971.08	0.64241	397078.26	3766971.08	0.55102
397118.26	3766971.08	0.46749	397158.26	3766971.08	0.34636
397198.26	3766971.08	0.21466	397238.26	3766971.08	0.15312
397278.26	3766971.08	0.13116	397318.26	3766971.08	0.12356

397358.26 3766971.08 0.11488 397398.26 3766971.08 0.10680
397438.26 3766971.08 0.09532 397478.26 3766971.08 0.08517
397518.26 3766971.08 0.07714 397558.26 3766971.08 0.06964
397598.26 3766971.08 0.06278 397638.26 3766971.08 0.05648
397678.26 3766971.08 0.05082 397718.26 3766971.08 0.04652
396558.26 3767011.08 0.07234 396598.26 3767011.08 0.08646
396638.26 3767011.08 0.10622 396678.26 3767011.08 0.13164
396718.26 3767011.08 0.16436 396758.26 3767011.08 0.21035
396798.26 3767011.08 0.27128 396838.26 3767011.08 0.36015
396878.26 3767011.08 0.47732 396918.26 3767011.08 0.62384
396958.26 3767011.08 0.75828 396998.26 3767011.08 0.85537
397038.26 3767011.08 0.92400 397078.26 3767011.08 0.97467
397118.26 3767011.08 0.78892 397158.26 3767011.08 0.52309
397198.26 3767011.08 0.32935 397238.26 3767011.08 0.22591
397278.26 3767011.08 0.17833 397318.26 3767011.08 0.15369
397358.26 3767011.08 0.13548 397398.26 3767011.08 0.12039
397438.26 3767011.08 0.11092 397478.26 3767011.08 0.09650
397518.26 3767011.08 0.08558 397558.26 3767011.08 0.07621
397598.26 3767011.08 0.06795 397638.26 3767011.08 0.06063
397678.26 3767011.08 0.05391 397718.26 3767011.08 0.04934
396558.26 3767051.08 0.06748 396598.26 3767051.08 0.07974
396638.26 3767051.08 0.09523 396678.26 3767051.08 0.11666
396718.26 3767051.08 0.14489 396758.26 3767051.08 0.18193
396798.26 3767051.08 0.23280 396838.26 3767051.08 0.30924
396878.26 3767051.08 0.42849 396918.26 3767051.08 0.60743

```
         396958.26    3767051.08        0.81654                      396998.26
3767051.08        1.16091
         397038.26    3767051.08        1.44359                      397078.26
3767051.08        1.19103
         397118.26    3767051.08        0.96321                      397158.26
3767051.08        0.66684
         397198.26    3767051.08        0.43009                      397238.26
3767051.08        0.29070
         397278.26    3767051.08        0.24025                      397318.26
3767051.08        0.20767
         397358.26    3767051.08        0.16409                      397398.26
3767051.08        0.13928
         397438.26    3767051.08        0.12299                      397478.26
3767051.08        0.10999
         397518.26    3767051.08        0.09595                      397558.26
3767051.08        0.08454
         397598.26    3767051.08        0.07363                      397638.26
3767051.08        0.06465
         397678.26    3767051.08        0.05735                      397718.26
3767051.08        0.05231
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:32:54

                                   PAGE  31
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                     INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF NO2      IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3767091.08        0.06369                      396598.26
3767091.08        0.07460
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396638.26 3767091.08 0.08708 396678.26
3767091.08 0.10387
396718.26 3767091.08 0.12694 396758.26
3767091.08 0.15690
396798.26 3767091.08 0.19860 396838.26
3767091.08 0.25891
396878.26 3767091.08 0.35512 396918.26
3767091.08 0.51869
396958.26 3767091.08 0.87320 396998.26
3767091.08 1.69684
397078.26 3767091.08 1.52585 397118.26
3767091.08 1.40651
397158.26 3767091.08 1.07040 397198.26
3767091.08 0.68186
397238.26 3767091.08 0.43002 397278.26
3767091.08 0.32829
397318.26 3767091.08 0.29484 397358.26
3767091.08 0.20211
397398.26 3767091.08 0.16251 397438.26
3767091.08 0.13792
397478.26 3767091.08 0.11789 397518.26
3767091.08 0.10270
397558.26 3767091.08 0.08952 397598.26
3767091.08 0.07955
397638.26 3767091.08 0.07006 397678.26
3767091.08 0.06132
397718.26 3767091.08 0.05502 396558.26
3767131.08 0.06148
396598.26 3767131.08 0.07095 396638.26
3767131.08 0.08210
396678.26 3767131.08 0.09457 396718.26
3767131.08 0.11266
396758.26 3767131.08 0.13743 396798.26
3767131.08 0.17057
396838.26 3767131.08 0.21712 396878.26
3767131.08 0.28876
396918.26 3767131.08 0.40066 396958.26
3767131.08 0.73527
397238.26 3767131.08 0.85959 397278.26
3767131.08 0.53039
397318.26 3767131.08 0.40772 397358.26
3767131.08 0.27043
397398.26 3767131.08 0.18798 397438.26
3767131.08 0.15562
397478.26 3767131.08 0.13004 397518.26
3767131.08 0.11161
397558.26 3767131.08 0.09691 397598.26
3767131.08 0.08480
397638.26 3767131.08 0.07610 397678.26
3767131.08 0.06651

```
         397718.26    3767131.08        0.05882                      396558.26
3767171.08        0.06075
         396598.26    3767171.08        0.06883                      396638.26
3767171.08        0.07885
         396678.26    3767171.08        0.08919                      396718.26
3767171.08        0.10263
         396758.26    3767171.08        0.12209                      396798.26
3767171.08        0.14962
         396838.26    3767171.08        0.18758                      396878.26
3767171.08        0.24406
         396918.26    3767171.08        0.32755                      397438.26
3767171.08        0.18379
         397478.26    3767171.08        0.15282                      397518.26
3767171.08        0.12944
         397558.26    3767171.08        0.11135                      397598.26
3767171.08        0.09653
         397638.26    3767171.08        0.08399                      397678.26
3767171.08        0.07313
         397718.26    3767171.08        0.06423                      396558.26
3767211.08        0.06015
         396598.26    3767211.08        0.06805                      396638.26
3767211.08        0.07702
         396678.26    3767211.08        0.08786                      396718.26
3767211.08        0.09746
         396758.26    3767211.08        0.11240                      396798.26
3767211.08        0.13414
         396838.26    3767211.08        0.16646                      396878.26
3767211.08        0.20996
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                   PAGE  32
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF NO2      IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	0.27646	396958.26	3767211.08	0.35584
397438.26	3767211.08	0.23547	397478.26	3767211.08	0.18851
397518.26	3767211.08	0.15721	397558.26	3767211.08	0.13300
397598.26	3767211.08	0.11370	397638.26	3767211.08	0.09722
397678.26	3767211.08	0.08330	397718.26	3767211.08	0.07203
396558.26	3767251.08	0.06079	396598.26	3767251.08	0.06807
396638.26	3767251.08	0.07697	396678.26	3767251.08	0.08762
396718.26	3767251.08	0.09685	396758.26	3767251.08	0.10717
396798.26	3767251.08	0.12509	396838.26	3767251.08	0.15067
396878.26	3767251.08	0.19080	396918.26	3767251.08	0.23810
396958.26	3767251.08	0.29130	396998.26	3767251.08	0.38866
397038.26	3767251.08	0.51879	397078.26	3767251.08	0.91162
397118.26	3767251.08	2.36614	397318.26	3767251.08	1.00256
397358.26	3767251.08	0.63907	397398.26	3767251.08	0.44693
397438.26	3767251.08	0.33421	397478.26	3767251.08	0.25534
397518.26	3767251.08	0.20373	397558.26	3767251.08	0.16578
397598.26	3767251.08	0.13778	397638.26	3767251.08	0.11610
397678.26	3767251.08	0.09801	397718.26	3767251.08	0.08322
396558.26	3767291.08	0.05820	396598.26	3767291.08	0.06590
396638.26	3767291.08	0.07484	396678.26	3767291.08	0.08589
396718.26	3767291.08	0.09856	396758.26	3767291.08	0.10356
396798.26	3767291.08	0.11856	396838.26	3767291.08	0.14057

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         396878.26    3767291.08        0.17900                      396918.26
3767291.08        0.21017
         396958.26    3767291.08        0.25540                      396998.26
3767291.08        0.34655
         397038.26    3767291.08        0.64876                      397078.26
3767291.08        1.02158
         397118.26    3767291.08        1.18736                      397158.26
3767291.08        2.22438
         397278.26    3767291.08        1.54347                      397318.26
3767291.08        1.34781
         397358.26    3767291.08        0.84430                      397398.26
3767291.08        0.63479
         397438.26    3767291.08        0.46501                      397478.26
3767291.08        0.34721
         397518.26    3767291.08        0.26946                      397558.26
3767291.08        0.21624
         397598.26    3767291.08        0.17524                      397638.26
3767291.08        0.14203
         397678.26    3767291.08        0.11767                      397718.26
3767291.08        0.09859
         396558.26    3767331.08        0.05724                      396598.26
3767331.08        0.06407
         396638.26    3767331.08        0.07205                      396678.26
3767331.08        0.08224
         396718.26    3767331.08        0.09495                      396758.26
3767331.08        0.10197
         396798.26    3767331.08        0.11417                      396838.26
3767331.08        0.13378
         396878.26    3767331.08        0.16538                      396918.26
3767331.08        0.19105
         396958.26    3767331.08        0.23075                      396998.26
3767331.08        0.30397
         397038.26    3767331.08        0.50881                      397078.26
3767331.08        0.92783
         397118.26    3767331.08        1.29166                      397158.26
3767331.08        1.67397
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                   PAGE  33
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                     INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
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                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397198.26    3767331.08        1.80694                       397238.26
3767331.08        1.83924
         397278.26    3767331.08        1.65535                       397318.26
3767331.08        1.22597
         397358.26    3767331.08        0.97694                       397398.26
3767331.08        0.77817
         397438.26    3767331.08        0.58220                       397478.26
3767331.08        0.44121
         397518.26    3767331.08        0.34411                       397558.26
3767331.08        0.27411
         397598.26    3767331.08        0.21949                       397638.26
3767331.08        0.17638
         397678.26    3767331.08        0.14261                       397718.26
3767331.08        0.11717
         396558.26    3767371.08        0.05584                       396598.26
3767371.08        0.06197
         396638.26    3767371.08        0.06967                       396678.26
3767371.08        0.07932
         396718.26    3767371.08        0.09161                       396758.26
3767371.08        0.09906
         396798.26    3767371.08        0.10960                       396838.26
3767371.08        0.12577
         396878.26    3767371.08        0.15458                       396918.26
3767371.08        0.17595
         396958.26    3767371.08        0.20978                       396998.26
3767371.08        0.27232
         397038.26    3767371.08        0.40839                       397078.26
3767371.08        0.65981
         397118.26    3767371.08        0.92377                       397158.26
3767371.08        1.20577
         397198.26    3767371.08        1.32576                       397238.26
3767371.08        1.33223
         397278.26    3767371.08        1.25007                       397318.26
3767371.08        1.12235
         397358.26    3767371.08        0.96180                       397398.26
3767371.08        0.81764
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         397438.26    3767371.08        0.64495                     397478.26
3767371.08        0.50801
         397518.26    3767371.08        0.40417                     397558.26
3767371.08        0.32404
         397598.26    3767371.08        0.26156                     397638.26
3767371.08        0.21212
         397678.26    3767371.08        0.17102                     397718.26
3767371.08        0.13816
         396558.26    3767411.08        0.05424                     396598.26
3767411.08        0.05994
         396638.26    3767411.08        0.06743                     396678.26
3767411.08        0.07675
         396718.26    3767411.08        0.08754                     396758.26
3767411.08        0.09560
         396798.26    3767411.08        0.10509                     396838.26
3767411.08        0.11952
         396878.26    3767411.08        0.14285                     396918.26
3767411.08        0.16087
         396958.26    3767411.08        0.18842                     396998.26
3767411.08        0.24373
         397038.26    3767411.08        0.35571                     397078.26
3767411.08        0.52302
         397118.26    3767411.08        0.70219                     397158.26
3767411.08        0.86007
         397198.26    3767411.08        0.97045                     397238.26
3767411.08        1.02885
         397278.26    3767411.08        1.02473                     397318.26
3767411.08        0.96880
         397358.26    3767411.08        0.86801                     397398.26
3767411.08        0.77815
         397438.26    3767411.08        0.65526                     397478.26
3767411.08        0.54145
         397518.26    3767411.08        0.44357                     397558.26
3767411.08        0.36265
         397598.26    3767411.08        0.29546                     397638.26
3767411.08        0.24179
         397678.26    3767411.08        0.19868                     397718.26
3767411.08        0.16018
         396558.26    3767451.08        0.05249                     396598.26
3767451.08        0.05797
         396638.26    3767451.08        0.06505                     396678.26
3767451.08        0.07331
         396718.26    3767451.08        0.08254                     396758.26
3767451.08        0.09159
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       16:32:54
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	0.09913	396838.26	3767451.08	0.11314
396878.26	3767451.08	0.13122	396918.26	3767451.08	0.14659
396958.26	3767451.08	0.16972	396998.26	3767451.08	0.21278
397038.26	3767451.08	0.29352	397078.26	3767451.08	0.41555
397118.26	3767451.08	0.55520	397158.26	3767451.08	0.67405
397198.26	3767451.08	0.76566	397238.26	3767451.08	0.82369
397278.26	3767451.08	0.83871	397318.26	3767451.08	0.81436
397358.26	3767451.08	0.76441	397398.26	3767451.08	0.70828
397438.26	3767451.08	0.62572	397478.26	3767451.08	0.54045
397518.26	3767451.08	0.45894	397558.26	3767451.08	0.38410
397598.26	3767451.08	0.31803	397638.26	3767451.08	0.26336
397678.26	3767451.08	0.21860	397718.26	3767451.08	0.17989
396558.26	3767491.08	0.05076	396598.26	3767491.08	0.05601
396638.26	3767491.08	0.06233	396678.26	3767491.08	0.06935

396718.26 3767491.08 0.07711 396758.26 3767491.08 0.08724
396798.26 3767491.08 0.09286 396838.26 3767491.08 0.10492
396878.26 3767491.08 0.12059 396918.26 3767491.08 0.13323
396958.26 3767491.08 0.15312 396998.26 3767491.08 0.18758
397038.26 3767491.08 0.24891 397078.26 3767491.08 0.34047
397118.26 3767491.08 0.44552 397158.26 3767491.08 0.54243
397198.26 3767491.08 0.61975 397238.26 3767491.08 0.67091
397278.26 3767491.08 0.69578 397318.26 3767491.08 0.68949
397358.26 3767491.08 0.66108 397398.26 3767491.08 0.62604
397438.26 3767491.08 0.57780 397478.26 3767491.08 0.51687
397518.26 3767491.08 0.45236 397558.26 3767491.08 0.38772
397598.26 3767491.08 0.32746 397638.26 3767491.08 0.27662
397678.26 3767491.08 0.23182 397718.26 3767491.08 0.19341
396558.26 3767531.08 0.04928 396598.26 3767531.08 0.05441
396638.26 3767531.08 0.06062 396678.26 3767531.08 0.06693
396718.26 3767531.08 0.07273 396758.26 3767531.08 0.08124
396798.26 3767531.08 0.08729 396838.26 3767531.08 0.09919
396878.26 3767531.08 0.10991 396918.26 3767531.08 0.12188
396958.26 3767531.08 0.13938 396998.26 3767531.08 0.16821
397038.26 3767531.08 0.21852 397078.26 3767531.08 0.28747
397118.26 3767531.08 0.37363 397158.26 3767531.08 0.45513
397198.26 3767531.08 0.51833 397238.26 3767531.08 0.56469
397278.26 3767531.08 0.58728 397318.26 3767531.08 0.59083
397358.26 3767531.08 0.57515 397398.26 3767531.08 0.55100
397438.26 3767531.08 0.52588 397478.26 3767531.08 0.48392

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF NO2   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397598.26   3767531.08   0.32556   397638.26
3767531.08   0.28004
         397678.26   3767531.08   0.23948   397718.26
3767531.08   0.20266
         397320.82   3767219.11   1.02484   397330.82
3767209.11   0.92744
         397340.82   3767189.11   0.71107   397340.82
3767199.11   0.78817
         397340.82   3767209.11   0.83971   397350.82
3767189.11   0.62235
         397350.82   3767199.11   0.67909   397360.82
3767189.11   0.48323
         397360.82   3767199.11   0.52577   397370.82
3767189.11   0.36911
         397380.82   3767189.11   0.30425   396934.73
3767169.52   0.37109
         397014.53   3767229.60   0.54761   397044.10
3767223.97   0.91979
         397113.57   3767239.93   2.45694   397158.63
3767280.29   2.59870

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         397168.95    3767307.05        1.61935                      397244.05
3767296.72        1.77184
         397260.95    3767278.88        1.67598                      397409.74
3767205.66        0.27338
         397422.89    3767189.23        0.22075                      397426.64
3767180.78        0.20531
         397420.54    3767170.46        0.20095                      397318.68
3767160.13        0.54939
         397022.98    3767083.62        1.61120                      396920.42
3767167.32        0.33827
         396989.95    3767243.54        0.38099                      397044.10
3767223.97        0.91979
         397113.57    3767239.93        2.45694                      397158.63
3767280.29        2.59870
         397168.95    3767307.05        1.61935                      397244.05
3767296.72        1.77184
         397260.95    3767278.88        1.67598                      397409.74
3767205.66        0.27338
         397422.89    3767189.23        0.22075                      397426.64
3767180.78        0.20531
         397420.54    3767170.46        0.20095                      397318.68
3767160.13        0.54939
         397022.98    3767083.62        1.61120

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
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                       ***        16:32:54

                                   PAGE  36
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
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         397278.26    3766811.08        4.23726                      397318.26
3766811.08        4.32756
         397358.26    3766811.08        4.11981                      397398.26
3766811.08        4.14475
         397438.26    3766811.08        4.21523                      397478.26
3766811.08        4.21921
         397518.26    3766811.08        4.08826                      397558.26
3766811.08        3.82584
         397598.26    3766811.08        3.48279                      397638.26
3766811.08        3.18019
         397678.26    3766811.08        2.94974                      397718.26
3766811.08        2.61938
         396558.26    3766851.08        1.46014                      396598.26
3766851.08        1.77290
         396638.26    3766851.08        2.14220                      396678.26
3766851.08        2.51360
         396718.26    3766851.08        2.83200                      396758.26
3766851.08        3.23871
         396798.26    3766851.08        3.75528                      396838.26
3766851.08        4.07940
         396878.26    3766851.08        4.58462                      396918.26
3766851.08        5.00590
         396958.26    3766851.08        5.21996                      396998.26
3766851.08        5.71729
         397038.26    3766851.08        5.75330                      397078.26
3766851.08        5.81026
         397118.26    3766851.08        5.92209                      397158.26
3766851.08        5.80482
         397198.26    3766851.08        5.54347                      397238.26
3766851.08        4.98126
         397278.26    3766851.08        4.77204                      397318.26
3766851.08        4.63842
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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397358.26	3766851.08	4.49585	397398.26	3766851.08	4.66919
397438.26	3766851.08	4.73200	397478.26	3766851.08	4.65294
397518.26	3766851.08	4.40759	397558.26	3766851.08	4.04754
397598.26	3766851.08	3.78307	397638.26	3766851.08	3.50983
397678.26	3766851.08	3.09710	397718.26	3766851.08	2.69767
396558.26	3766891.08	1.57478	396598.26	3766891.08	1.77821
396638.26	3766891.08	2.08525	396678.26	3766891.08	2.60276
396718.26	3766891.08	3.01817	396758.26	3766891.08	3.34990
396798.26	3766891.08	3.79618	396838.26	3766891.08	4.39079
396878.26	3766891.08	4.75571	396918.26	3766891.08	5.29931
396958.26	3766891.08	5.63144	396998.26	3766891.08	6.08060
397038.26	3766891.08	6.23854	397078.26	3766891.08	6.54911
397118.26	3766891.08	6.55705	397158.26	3766891.08	6.24862
397198.26	3766891.08	6.18428	397238.26	3766891.08	5.46089
397278.26	3766891.08	5.51490	397318.26	3766891.08	5.30438
397358.26	3766891.08	5.27475	397398.26	3766891.08	5.23407
397438.26	3766891.08	5.18213	397478.26	3766891.08	4.97171
397518.26	3766891.08	4.62927	397558.26	3766891.08	4.42388
397598.26	3766891.08	4.08407	397638.26	3766891.08	3.60289
397678.26	3766891.08	3.24961	397718.26	3766891.08	2.93789

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         396558.26    3766931.08        1.65474                      396598.26
3766931.08        1.91942
         396638.26    3766931.08        2.20352                      396678.26
3766931.08        2.48495
         396718.26    3766931.08        3.01866                      396758.26
3766931.08        3.56519
         396798.26    3766931.08        3.96331                      396838.26
3766931.08        4.40132
         396878.26    3766931.08        5.07108                      396918.26
3766931.08        5.40114
         396958.26    3766931.08        6.09847                      396998.26
3766931.08        6.36308
         397038.26    3766931.08        7.02440                      397078.26
3766931.08        7.36294
         397118.26    3766931.08        7.54969                      397158.26
3766931.08        7.40581
         397198.26    3766931.08        7.12488                      397238.26
3766931.08        6.32779
         397278.26    3766931.08        6.13714                      397318.26
3766931.08        6.17606
         397358.26    3766931.08        6.54962                      397398.26
3766931.08        6.18928
         397438.26    3766931.08        5.67302                      397478.26
3766931.08        5.28003
         397518.26    3766931.08        5.12893                      397558.26
3766931.08        4.65283
         397598.26    3766931.08        4.19134                      397638.26
3766931.08        3.85004
         397678.26    3766931.08        3.47045                      397718.26
3766931.08        3.09295
         396558.26    3766971.08        1.55176                      396598.26
3766971.08        1.88132
         396638.26    3766971.08        2.26019                      396678.26
3766971.08        2.63396
         396718.26    3766971.08        2.98121                      396758.26
3766971.08        3.38189
         396798.26    3766971.08        4.09658                      396838.26
3766971.08        4.63561
         396878.26    3766971.08        5.05660                      396918.26
3766971.08        5.86576
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                  PAGE  38
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
```

INCLUDING SOURCE(S): EG01 , EG02
, EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10
, EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18
, EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396958.26	3766971.08	6.29522	396998.26	3766971.08	7.15263
397038.26	3766971.08	7.91225	397078.26	3766971.08	8.35174
397118.26	3766971.08	8.73237	397158.26	3766971.08	8.63620
397198.26	3766971.08	8.14834	397238.26	3766971.08	7.50177
397278.26	3766971.08	7.23112	397318.26	3766971.08	7.40070
397358.26	3766971.08	7.41845	397398.26	3766971.08	7.12644
397438.26	3766971.08	6.43759	397478.26	3766971.08	5.90368
397518.26	3766971.08	5.32356	397558.26	3766971.08	4.89404
397598.26	3766971.08	4.48455	397638.26	3766971.08	3.98859
397678.26	3766971.08	3.44731	397718.26	3766971.08	3.08039
396558.26	3767011.08	1.55926	396598.26	3767011.08	1.76535
396638.26	3767011.08	2.04324	396678.26	3767011.08	2.50589
396718.26	3767011.08	3.00396	396758.26	3767011.08	3.50357
396798.26	3767011.08	3.91752	396838.26	3767011.08	4.61460
396878.26	3767011.08	5.38806	396918.26	3767011.08	5.92907
396958.26	3767011.08	6.92823	396998.26	3767011.08	7.80906

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         397038.26    3767011.08        8.57920                      397078.26
3767011.08       10.33179
         397118.26    3767011.08       11.81522                      397158.26
3767011.08       11.79882
         397198.26    3767011.08       11.66078                      397238.26
3767011.08       10.17325
         397278.26    3767011.08        8.62403                      397318.26
3767011.08        8.59204
         397358.26    3767011.08        8.01191                      397398.26
3767011.08        7.47273
         397438.26    3767011.08        7.07619                      397478.26
3767011.08        6.23661
         397518.26    3767011.08        5.69110                      397558.26
3767011.08        5.11283
         397598.26    3767011.08        4.46746                      397638.26
3767011.08        3.96188
         397678.26    3767011.08        3.56192                      397718.26
3767011.08        3.29162
         396558.26    3767051.08        1.61695                      396598.26
3767051.08        1.83185
         396638.26    3767051.08        2.07949                      396678.26
3767051.08        2.42714
         396718.26    3767051.08        2.76859                      396758.26
3767051.08        3.22137
         396798.26    3767051.08        3.89348                      396838.26
3767051.08        4.55454
         396878.26    3767051.08        5.14851                      396918.26
3767051.08        6.39125
         396958.26    3767051.08        7.18312                      396998.26
3767051.08        9.54580
         397038.26    3767051.08       15.57508                      397078.26
3767051.08       12.90684
         397118.26    3767051.08       13.10243                      397158.26
3767051.08       13.64799
         397198.26    3767051.08       13.17279                      397238.26
3767051.08       13.19010
         397278.26    3767051.08       12.59636                      397318.26
3767051.08        9.64722
         397358.26    3767051.08        8.91422                      397398.26
3767051.08        7.84010
         397438.26    3767051.08        7.37991                      397478.26
3767051.08        6.72331
         397518.26    3767051.08        5.87085                      397558.26
3767051.08        5.32155
         397598.26    3767051.08        4.76062                      397638.26
3767051.08        4.24512
         397678.26    3767051.08        3.77310                      397718.26
3767051.08        3.39897
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
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*** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                  ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3767091.08	1.70930	396598.26	3767091.08	1.95342
396638.26	3767091.08	2.16920	396678.26	3767091.08	2.42850
396718.26	3767091.08	2.75046	396758.26	3767091.08	3.12475
396798.26	3767091.08	3.62298	396838.26	3767091.08	4.15159
396878.26	3767091.08	5.08849	396918.26	3767091.08	6.13058
396958.26	3767091.08	7.50543	396998.26	3767091.08	14.72753
397078.26	3767091.08	11.43805	397118.26	3767091.08	12.25097
397158.26	3767091.08	13.48670	397198.26	3767091.08	13.25406
397238.26	3767091.08	13.30240	397278.26	3767091.08	14.37336
397318.26	3767091.08	15.06009	397358.26	3767091.08	9.52143
397398.26	3767091.08	8.37058	397438.26	3767091.08	7.33926
397478.26	3767091.08	6.69084	397518.26	3767091.08	6.14721

```
         397558.26    3767091.08        5.53272                    397598.26
3767091.08        4.92989
         397638.26    3767091.08        4.24321                    397678.26
3767091.08        3.63858
         397718.26    3767091.08        3.23644                    396558.26
3767131.08        1.80742
         396598.26    3767131.08        2.05434                    396638.26
3767131.08        2.29441
         396678.26    3767131.08        2.50260                    396718.26
3767131.08        2.81115
         396758.26    3767131.08        3.19370                    396798.26
3767131.08        3.60951
         396838.26    3767131.08        4.08689                    396878.26
3767131.08        4.69242
         396918.26    3767131.08        5.61707                    396958.26
3767131.08        9.11343
         397238.26    3767131.08       14.07630                    397278.26
3767131.08       15.01816
         397318.26    3767131.08       18.39910                    397358.26
3767131.08       11.31942
         397398.26    3767131.08        8.74508                    397438.26
3767131.08        7.68674
         397478.26    3767131.08        6.60032                    397518.26
3767131.08        5.81529
         397558.26    3767131.08        5.24474                    397598.26
3767131.08        4.77096
         397638.26    3767131.08        4.30212                    397678.26
3767131.08        3.78102
         397718.26    3767131.08        3.32447                    396558.26
3767171.08        1.97340
         396598.26    3767171.08        2.23191                    396638.26
3767171.08        2.52211
         396678.26    3767171.08        2.73450                    396718.26
3767171.08        2.98602
         396758.26    3767171.08        3.36943                    396798.26
3767171.08        3.87668
         396838.26    3767171.08        4.47909                    396878.26
3767171.08        5.29577
         396918.26    3767171.08        6.26201                    397438.26
3767171.08        7.46024
         397478.26    3767171.08        6.56509                    397518.26
3767171.08        5.85652
         397558.26    3767171.08        5.22479                    397598.26
3767171.08        4.63485
         397638.26    3767171.08        4.07595                    397678.26
3767171.08        3.55538
         397718.26    3767171.08        3.08045                    396558.26
3767211.08        2.01247
         396598.26    3767211.08        2.29144                    396638.26
3767211.08        2.57104
```

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	6.70548	396958.26	3767211.08	7.95192
397438.26	3767211.08	6.38591	397478.26	3767211.08	5.72807
397518.26	3767211.08	5.26252	397558.26	3767211.08	4.78464
397598.26	3767211.08	4.31218	397638.26	3767211.08	3.84415
397678.26	3767211.08	3.40267	397718.26	3767211.08	2.99339
396558.26	3767251.08	2.16817	396598.26	3767251.08	2.46602
396638.26	3767251.08	2.80550	396678.26	3767251.08	3.17066
396718.26	3767251.08	3.35572	396758.26	3767251.08	3.48858

396798.26 3767251.08 3.91268 396838.26
3767251.08 4.52849
396878.26 3767251.08 5.55830 396918.26
3767251.08 6.54727
396958.26 3767251.08 7.21322 396998.26
3767251.08 10.04533
397038.26 3767251.08 6.20265 397078.26
3767251.08 5.67977
397118.26 3767251.08 9.06248 397318.26
3767251.08 10.88340
397358.26 3767251.08 7.31237 397398.26
3767251.08 6.22556
397438.26 3767251.08 5.48229 397478.26
3767251.08 4.88378
397518.26 3767251.08 4.50891 397558.26
3767251.08 4.15532
397598.26 3767251.08 3.81568 397638.26
3767251.08 3.47088
397678.26 3767251.08 3.11078 397718.26
3767251.08 2.76458
396558.26 3767291.08 2.12910 396598.26
3767291.08 2.47108
396638.26 3767291.08 2.81782 396678.26
3767291.08 3.20865
396718.26 3767291.08 3.59051 396758.26
3767291.08 3.47432
396798.26 3767291.08 3.79408 396838.26
3767291.08 4.33334
396878.26 3767291.08 5.42361 396918.26
3767291.08 5.78459
396958.26 3767291.08 6.21647 396998.26
3767291.08 7.21079
397038.26 3767291.08 9.97487 397078.26
3767291.08 6.02642
397118.26 3767291.08 6.31364 397158.26
3767291.08 8.50885
397278.26 3767291.08 10.33403 397318.26
3767291.08 8.78043
397358.26 3767291.08 6.52561 397398.26
3767291.08 6.10120
397438.26 3767291.08 5.25116 397478.26
3767291.08 4.50644
397518.26 3767291.08 4.08257 397558.26
3767291.08 3.78604
397598.26 3767291.08 3.45328 397638.26
3767291.08 3.16233
397678.26 3767291.08 2.88625 397718.26
3767291.08 2.55602
396558.26 3767331.08 2.02264 396598.26
3767331.08 2.29399

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         396638.26    3767331.08        2.60086                       396678.26
3767331.08        3.03477
         396718.26    3767331.08        3.43746                       396758.26
3767331.08        3.44403
         396798.26    3767331.08        3.66036                       396838.26
3767331.08        4.10447
         396878.26    3767331.08        4.99036                       396918.26
3767331.08        5.14934
         396958.26    3767331.08        5.25136                       396998.26
3767331.08        5.39857
         397038.26    3767331.08        6.25485                       397078.26
3767331.08        7.30945
         397118.26    3767331.08        7.03636                       397158.26
3767331.08        8.24535
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE  41
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397198.26    3767331.08        9.23010                       397238.26
3767331.08       10.17591
         397278.26    3767331.08        9.36360                       397318.26
3767331.08        6.70764
         397358.26    3767331.08        6.19360                       397398.26
3767331.08        5.96948
         397438.26    3767331.08        5.20181                       397478.26
3767331.08        4.48156
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3767331.08        3.56712
         397598.26    3767331.08        3.20048                    397638.26
3767331.08        2.84594
         397678.26    3767331.08        2.57477                    397718.26
3767331.08        2.35375
         396558.26    3767371.08        1.93569                    396598.26
3767371.08        2.19037
         396638.26    3767371.08        2.50758                    396678.26
3767371.08        2.90809
         396718.26    3767371.08        3.26280                    396758.26
3767371.08        3.37291
         396798.26    3767371.08        3.53383                    396838.26
3767371.08        3.84794
         396878.26    3767371.08        4.46564                    396918.26
3767371.08        4.50250
         396958.26    3767371.08        4.50290                    396998.26
3767371.08        4.48270
         397038.26    3767371.08        4.32484                    397078.26
3767371.08        4.30090
         397118.26    3767371.08        4.24165                    397158.26
3767371.08        6.47658
         397198.26    3767371.08        6.63966                    397238.26
3767371.08        6.12302
         397278.26    3767371.08        6.14024                    397318.26
3767371.08        5.92701
         397358.26    3767371.08        5.59703                    397398.26
3767371.08        5.46703
         397438.26    3767371.08        4.90439                    397478.26
3767371.08        4.38678
         397518.26    3767371.08        3.93054                    397558.26
3767371.08        3.50534
         397598.26    3767371.08        3.09508                    397638.26
3767371.08        2.75837
         397678.26    3767371.08        2.40536                    397718.26
3767371.08        2.10113
         396558.26    3767411.08        1.84840                    396598.26
3767411.08        2.11141
         396638.26    3767411.08        2.42558                    396678.26
3767411.08        2.76645
         396718.26    3767411.08        3.09077                    396758.26
3767411.08        3.21301
         396798.26    3767411.08        3.21392                    396838.26
3767411.08        3.49016
         396878.26    3767411.08        4.01060                    396918.26
3767411.08        4.04895
         396958.26    3767411.08        3.68278                    396998.26
3767411.08        3.56997
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3767411.08        3.21132
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3767411.08        4.33379
         397198.26    3767411.08        4.76325                      397238.26
3767411.08        5.06728
         397278.26    3767411.08        5.29985                      397318.26
3767411.08        5.10038
         397358.26    3767411.08        4.95648                      397398.26
3767411.08        4.90834
         397438.26    3767411.08        4.53708                      397478.26
3767411.08        4.15972
         397518.26    3767411.08        3.79057                      397558.26
3767411.08        3.42040
         397598.26    3767411.08        3.05180                      397638.26
3767411.08        2.72755
         397678.26    3767411.08        2.39069                      397718.26
3767411.08        2.03529
         396558.26    3767451.08        1.75865                      396598.26
3767451.08        2.00437
         396638.26    3767451.08        2.29443                      396678.26
3767451.08        2.54484
         396718.26    3767451.08        2.72836                      396758.26
3767451.08        2.92320
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                  PAGE  42
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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396798.26 3767451.08 2.98145 396838.26
3767451.08 3.30244
396878.26 3767451.08 3.50530 396918.26
3767451.08 3.26769
396958.26 3767451.08 3.23069 396998.26
3767451.08 2.97274
397038.26 3767451.08 2.63819 397078.26
3767451.08 2.58990
397118.26 3767451.08 2.91726 397158.26
3767451.08 3.59767
397198.26 3767451.08 3.84876 397238.26
3767451.08 4.38691
397278.26 3767451.08 4.35439 397318.26
3767451.08 4.57363
397358.26 3767451.08 4.37554 397398.26
3767451.08 4.37195
397438.26 3767451.08 4.19262 397478.26
3767451.08 3.89637
397518.26 3767451.08 3.57130 397558.26
3767451.08 3.25239
397598.26 3767451.08 2.92582 397638.26
3767451.08 2.62375
397678.26 3767451.08 2.33947 397718.26
3767451.08 2.06307
396558.26 3767491.08 1.65776 396598.26
3767491.08 1.84156
396638.26 3767491.08 1.99801 396678.26
3767491.08 2.22069
396718.26 3767491.08 2.47051 396758.26
3767491.08 2.74426
396798.26 3767491.08 2.74753 396838.26
3767491.08 2.78267
396878.26 3767491.08 2.90437 396918.26
3767491.08 3.02184
396958.26 3767491.08 2.79195 396998.26
3767491.08 2.41517
397038.26 3767491.08 2.34944 397078.26
3767491.08 2.34929
397118.26 3767491.08 2.58404 397158.26
3767491.08 3.01206
397198.26 3767491.08 3.40691 397238.26
3767491.08 3.72230
397278.26 3767491.08 3.92822 397318.26
3767491.08 3.94754
397358.26 3767491.08 4.01348 397398.26
3767491.08 3.86885
397438.26 3767491.08 3.77235 397478.26
3767491.08 3.62559
397518.26 3767491.08 3.36091 397558.26
3767491.08 3.04799

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         397598.26    3767491.08        2.74903                      397638.26
3767491.08        2.48759
         397678.26    3767491.08        2.23258                      397718.26
3767491.08        1.97213
         396558.26    3767531.08        1.52948                      396598.26
3767531.08        1.67358
         396638.26    3767531.08        1.84051                      396678.26
3767531.08        2.02409
         396718.26    3767531.08        2.25582                      396758.26
3767531.08        2.40713
         396798.26    3767531.08        2.27522                      396838.26
3767531.08        2.50689
         396878.26    3767531.08        2.67746                      396918.26
3767531.08        2.57596
         396958.26    3767531.08        2.34520                      396998.26
3767531.08        2.28903
         397038.26    3767531.08        2.23089                      397078.26
3767531.08        2.25881
         397118.26    3767531.08        2.46072                      397158.26
3767531.08        2.74262
         397198.26    3767531.08        3.06790                      397238.26
3767531.08        3.17925
         397278.26    3767531.08        3.56018                      397318.26
3767531.08        3.53068
         397358.26    3767531.08        3.59929                      397398.26
3767531.08        3.53922
         397438.26    3767531.08        3.45900                      397478.26
3767531.08        3.31501
         397518.26    3767531.08        3.12949                      397558.26
3767531.08        2.85744
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                   PAGE  43
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397598.26	3767531.08	2.56729	397638.26	3767531.08	2.32971
397678.26	3767531.08	2.10995	397718.26	3767531.08	1.87511
397320.82	3767219.11	14.79927	397330.82	3767209.11	16.10277
397340.82	3767189.11	17.88768	397340.82	3767199.11	17.40522
397340.82	3767209.11	15.28538	397350.82	3767189.11	18.07895
397350.82	3767199.11	16.77224	397360.82	3767189.11	15.56923
397360.82	3767199.11	14.84752	397370.82	3767189.11	10.97255
397380.82	3767189.11	9.04359	396934.73	3767169.52	6.50932
397014.53	3767229.60	12.46787	397044.10	3767223.97	11.85116
397113.57	3767239.93	9.03781	397158.63	3767280.29	9.64917
397168.95	3767307.05	6.36440	397244.05	3767296.72	9.48440
397260.95	3767278.88	7.75740	397409.74	3767205.66	7.32393
397422.89	3767189.23	7.56248	397426.64	3767180.78	7.65568
397420.54	3767170.46	7.94922	397318.68	3767160.13	16.78136
397022.98	3767083.62	14.59033	396920.42	3767167.32	6.17666
396989.95	3767243.54	10.52030	397044.10	3767223.97	11.85116
397113.57	3767239.93	9.03781	397158.63	3767280.29	9.64917
397168.95	3767307.05	6.36440	397244.05	3767296.72	9.48440
397260.95	3767278.88	7.75740	397409.74	3767205.66	7.32393
397422.89	3767189.23	7.56248	397426.64	3767180.78	7.65568
397420.54	3767170.46	7.94922	397318.68	3767160.13	16.78136

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                   ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

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         397358.26    3766771.08        3.91038                    397398.26
3766771.08        3.68789
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3766771.08        3.72977
         397518.26    3766771.08        3.69528                    397558.26
3766771.08        3.52734
         397598.26    3766771.08        3.26492                    397638.26
3766771.08        2.94480
         397678.26    3766771.08        2.63416                    397718.26
3766771.08        2.40354
         396558.26    3766811.08        1.48097                    396598.26
3766811.08        1.74539
         396638.26    3766811.08        2.08752                    396678.26
3766811.08        2.47947
         396718.26    3766811.08        2.89366                    396758.26
3766811.08        3.21587
         396798.26    3766811.08        3.49740                    396838.26
3766811.08        3.82785
         396878.26    3766811.08        4.34485                    396918.26
3766811.08        4.55735
         396958.26    3766811.08        5.03658                    396998.26
3766811.08        5.21955
         397038.26    3766811.08        5.30395                    397078.26
3766811.08        5.24992
         397118.26    3766811.08        5.36890                    397158.26
3766811.08        5.22895
         397198.26    3766811.08        4.98967                    397238.26
3766811.08        4.48295
         397278.26    3766811.08        4.23726                    397318.26
3766811.08        4.32756
         397358.26    3766811.08        4.11981                    397398.26
3766811.08        4.14475
         397438.26    3766811.08        4.21523                    397478.26
3766811.08        4.21921
         397518.26    3766811.08        4.08826                    397558.26
3766811.08        3.82584
         397598.26    3766811.08        3.48279                    397638.26
3766811.08        3.18019
         397678.26    3766811.08        2.94974                    397718.26
3766811.08        2.61938
         396558.26    3766851.08        1.46014                    396598.26
3766851.08        1.77290
         396638.26    3766851.08        2.14220                    396678.26
3766851.08        2.51360
         396718.26    3766851.08        2.83200                    396758.26
3766851.08        3.23871
         396798.26    3766851.08        3.75528                    396838.26
3766851.08        4.07940
         396878.26    3766851.08        4.58462                    396918.26
3766851.08        5.00590
```

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED
OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02
, EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10
, EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18
, EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF NO2 IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC X-COORD (M)
Y-COORD (M) CONC
- - - -

396638.26 3766891.08 2.08525 396678.26
3766891.08 2.60276
396718.26 3766891.08 3.01817 396758.26
3766891.08 3.34990
396798.26 3766891.08 3.79618 396838.26
3766891.08 4.39079
396878.26 3766891.08 4.75571 396918.26
3766891.08 5.29931
396958.26 3766891.08 5.63144 396998.26
3766891.08 6.08060
397038.26 3766891.08 6.23854 397078.26
3766891.08 6.54911
397118.26 3766891.08 6.55705 397158.26
3766891.08 6.24862
397198.26 3766891.08 6.18428 397238.26
3766891.08 5.46089
397278.26 3766891.08 5.51490 397318.26
3766891.08 5.30438
397358.26 3766891.08 5.27475 397398.26
3766891.08 5.23407
397438.26 3766891.08 5.18213 397478.26
3766891.08 4.97171
397518.26 3766891.08 4.62927 397558.26
3766891.08 4.42388
397598.26 3766891.08 4.08407 397638.26
3766891.08 3.60289
397678.26 3766891.08 3.24961 397718.26
3766891.08 2.93789
396558.26 3766931.08 1.65474 396598.26
3766931.08 1.91942
396638.26 3766931.08 2.20352 396678.26
3766931.08 2.48495
396718.26 3766931.08 3.01866 396758.26
3766931.08 3.56519
396798.26 3766931.08 3.96331 396838.26
3766931.08 4.40132
396878.26 3766931.08 5.07108 396918.26
3766931.08 5.40114
396958.26 3766931.08 6.09847 396998.26
3766931.08 6.36308
397038.26 3766931.08 7.02440 397078.26
3766931.08 7.36294
397118.26 3766931.08 7.54969 397158.26
3766931.08 7.40581
397198.26 3766931.08 7.12488 397238.26
3766931.08 6.32779
397278.26 3766931.08 6.13714 397318.26
3766931.08 6.17606
397358.26 3766931.08 6.54962 397398.26
3766931.08 6.18928

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         397438.26    3766931.08        5.67302                      397478.26
3766931.08        5.28003
         397518.26    3766931.08        5.12893                      397558.26
3766931.08        4.65283
         397598.26    3766931.08        4.19134                      397638.26
3766931.08        3.85004
         397678.26    3766931.08        3.47045                      397718.26
3766931.08        3.09295
         396558.26    3766971.08        1.55176                      396598.26
3766971.08        1.88132
         396638.26    3766971.08        2.26019                      396678.26
3766971.08        2.63396
         396718.26    3766971.08        2.98121                      396758.26
3766971.08        3.38189
         396798.26    3766971.08        4.09658                      396838.26
3766971.08        4.63561
         396878.26    3766971.08        5.05660                      396918.26
3766971.08        5.86576
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    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396958.26    3766971.08        6.29522                      396998.26
3766971.08        7.15263
         397038.26    3766971.08        7.91225                      397078.26
3766971.08        8.35174
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         397118.26    3766971.08        8.73237                    397158.26
3766971.08        8.63620
         397198.26    3766971.08        8.14834                    397238.26
3766971.08        7.50177
         397278.26    3766971.08        7.23112                    397318.26
3766971.08        7.40070
         397358.26    3766971.08        7.41845                    397398.26
3766971.08        7.12644
         397438.26    3766971.08        6.43759                    397478.26
3766971.08        5.90368
         397518.26    3766971.08        5.32356                    397558.26
3766971.08        4.89404
         397598.26    3766971.08        4.48455                    397638.26
3766971.08        3.98859
         397678.26    3766971.08        3.44731                    397718.26
3766971.08        3.08039
         396558.26    3767011.08        1.55926                    396598.26
3767011.08        1.76535
         396638.26    3767011.08        2.04324                    396678.26
3767011.08        2.50589
         396718.26    3767011.08        3.00396                    396758.26
3767011.08        3.50357
         396798.26    3767011.08        3.91752                    396838.26
3767011.08        4.61460
         396878.26    3767011.08        5.38806                    396918.26
3767011.08        5.92907
         396958.26    3767011.08        6.92823                    396998.26
3767011.08        7.80906
         397038.26    3767011.08        8.57920                    397078.26
3767011.08       10.33179
         397118.26    3767011.08       11.81522                    397158.26
3767011.08       11.79882
         397198.26    3767011.08       11.66078                    397238.26
3767011.08       10.17325
         397278.26    3767011.08        8.62403                    397318.26
3767011.08        8.59204
         397358.26    3767011.08        8.01191                    397398.26
3767011.08        7.47273
         397438.26    3767011.08        7.07619                    397478.26
3767011.08        6.23661
         397518.26    3767011.08        5.69110                    397558.26
3767011.08        5.11283
         397598.26    3767011.08        4.46746                    397638.26
3767011.08        3.96188
         397678.26    3767011.08        3.56192                    397718.26
3767011.08        3.29162
         396558.26    3767051.08        1.61695                    396598.26
3767051.08        1.83185
         396638.26    3767051.08        2.07949                    396678.26
3767051.08        2.42714
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         396718.26    3767051.08        2.76859                      396758.26
3767051.08        3.22137
         396798.26    3767051.08        3.89348                      396838.26
3767051.08        4.55454
         396878.26    3767051.08        5.14851                      396918.26
3767051.08        6.39125
         396958.26    3767051.08        7.18312                      396998.26
3767051.08        9.54580
         397038.26    3767051.08       15.57508                      397078.26
3767051.08       12.90684
         397118.26    3767051.08       13.10243                      397158.26
3767051.08       13.64799
         397198.26    3767051.08       13.17279                      397238.26
3767051.08       13.19010
         397278.26    3767051.08       12.59636                      397318.26
3767051.08        9.64722
         397358.26    3767051.08        8.91422                      397398.26
3767051.08        7.84010
         397438.26    3767051.08        7.37991                      397478.26
3767051.08        6.72331
         397518.26    3767051.08        5.87085                      397558.26
3767051.08        5.32155
         397598.26    3767051.08        4.76062                      397638.26
3767051.08        4.24512
         397678.26    3767051.08        3.77310                      397718.26
3767051.08        3.39897
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                  PAGE  47
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF NO2      IN MICROGRAMS/M**3
                  **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3767091.08	1.70930	396598.26	3767091.08	1.95342
396638.26	3767091.08	2.16920	396678.26	3767091.08	2.42850
396718.26	3767091.08	2.75046	396758.26	3767091.08	3.12475
396798.26	3767091.08	3.62298	396838.26	3767091.08	4.15159
396878.26	3767091.08	5.08849	396918.26	3767091.08	6.13058
396958.26	3767091.08	7.50543	396998.26	3767091.08	14.72753
397078.26	3767091.08	11.43805	397118.26	3767091.08	12.25097
397158.26	3767091.08	13.48670	397198.26	3767091.08	13.25406
397238.26	3767091.08	13.30240	397278.26	3767091.08	14.37336
397318.26	3767091.08	15.06009	397358.26	3767091.08	9.52143
397398.26	3767091.08	8.37058	397438.26	3767091.08	7.33926
397478.26	3767091.08	6.69084	397518.26	3767091.08	6.14721
397558.26	3767091.08	5.53272	397598.26	3767091.08	4.92989
397638.26	3767091.08	4.24321	397678.26	3767091.08	3.63858
397718.26	3767091.08	3.23644	396558.26	3767131.08	1.80742
396598.26	3767131.08	2.05434	396638.26	3767131.08	2.29441
396678.26	3767131.08	2.50260	396718.26	3767131.08	2.81115
396758.26	3767131.08	3.19370	396798.26	3767131.08	3.60951
396838.26	3767131.08	4.08689	396878.26	3767131.08	4.69242
396918.26	3767131.08	5.61707	396958.26	3767131.08	9.11343
397238.26	3767131.08	14.07630	397278.26	3767131.08	15.01816
397318.26	3767131.08	18.39910	397358.26	3767131.08	11.31942
397398.26	3767131.08	8.74508	397438.26	3767131.08	7.68674

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         397478.26    3767131.08        6.60032                      397518.26
3767131.08        5.81529
         397558.26    3767131.08        5.24474                      397598.26
3767131.08        4.77096
         397638.26    3767131.08        4.30212                      397678.26
3767131.08        3.78102
         397718.26    3767131.08        3.32447                      396558.26
3767171.08        1.97340
         396598.26    3767171.08        2.23191                      396638.26
3767171.08        2.52211
         396678.26    3767171.08        2.73450                      396718.26
3767171.08        2.98602
         396758.26    3767171.08        3.36943                      396798.26
3767171.08        3.87668
         396838.26    3767171.08        4.47909                      396878.26
3767171.08        5.29577
         396918.26    3767171.08        6.26201                      397438.26
3767171.08        7.46024
         397478.26    3767171.08        6.56509                      397518.26
3767171.08        5.85652
         397558.26    3767171.08        5.22479                      397598.26
3767171.08        4.63485
         397638.26    3767171.08        4.07595                      397678.26
3767171.08        3.55538
         397718.26    3767171.08        3.08045                      396558.26
3767211.08        2.01247
         396598.26    3767211.08        2.29144                      396638.26
3767211.08        2.57104
         396678.26    3767211.08        2.87411                      396718.26
3767211.08        3.01262
         396758.26    3767211.08        3.33416                      396798.26
3767211.08        3.81437
         396838.26    3767211.08        4.53545                      396878.26
3767211.08        5.41724
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       16:32:54

                                  PAGE  48
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
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EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	6.70548	396958.26	3767211.08	7.95192
397438.26	3767211.08	6.38591	397478.26	3767211.08	5.72807
397518.26	3767211.08	5.26252	397558.26	3767211.08	4.78464
397598.26	3767211.08	4.31218	397638.26	3767211.08	3.84415
397678.26	3767211.08	3.40267	397718.26	3767211.08	2.99339
396558.26	3767251.08	2.16817	396598.26	3767251.08	2.46602
396638.26	3767251.08	2.80550	396678.26	3767251.08	3.17066
396718.26	3767251.08	3.35572	396758.26	3767251.08	3.48858
396798.26	3767251.08	3.91268	396838.26	3767251.08	4.52849
396878.26	3767251.08	5.55830	396918.26	3767251.08	6.54727
396958.26	3767251.08	7.21322	396998.26	3767251.08	10.04533
397038.26	3767251.08	6.20265	397078.26	3767251.08	5.67977
397118.26	3767251.08	9.06248	397318.26	3767251.08	10.88340
397358.26	3767251.08	7.31237	397398.26	3767251.08	6.22556
397438.26	3767251.08	5.48229	397478.26	3767251.08	4.88378
397518.26	3767251.08	4.50891	397558.26	3767251.08	4.15532
397598.26	3767251.08	3.81568	397638.26	3767251.08	3.47088
397678.26	3767251.08	3.11078	397718.26	3767251.08	2.76458
396558.26	3767291.08	2.12910	396598.26	3767291.08	2.47108

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         396638.26    3767291.08        2.81782                      396678.26
3767291.08        3.20865
         396718.26    3767291.08        3.59051                      396758.26
3767291.08        3.47432
         396798.26    3767291.08        3.79408                      396838.26
3767291.08        4.33334
         396878.26    3767291.08        5.42361                      396918.26
3767291.08        5.78459
         396958.26    3767291.08        6.21647                      396998.26
3767291.08        7.21079
         397038.26    3767291.08        9.97487                      397078.26
3767291.08        6.02642
         397118.26    3767291.08        6.31364                      397158.26
3767291.08        8.50885
         397278.26    3767291.08       10.33403                      397318.26
3767291.08        8.78043
         397358.26    3767291.08        6.52561                      397398.26
3767291.08        6.10120
         397438.26    3767291.08        5.25116                      397478.26
3767291.08        4.50644
         397518.26    3767291.08        4.08257                      397558.26
3767291.08        3.78604
         397598.26    3767291.08        3.45328                      397638.26
3767291.08        3.16233
         397678.26    3767291.08        2.88625                      397718.26
3767291.08        2.55602
         396558.26    3767331.08        2.02264                      396598.26
3767331.08        2.29399
         396638.26    3767331.08        2.60086                      396678.26
3767331.08        3.03477
         396718.26    3767331.08        3.43746                      396758.26
3767331.08        3.44403
         396798.26    3767331.08        3.66036                      396838.26
3767331.08        4.10447
         396878.26    3767331.08        4.99036                      396918.26
3767331.08        5.14934
         396958.26    3767331.08        5.25136                      396998.26
3767331.08        5.39857
         397038.26    3767331.08        6.25485                      397078.26
3767331.08        7.30945
         397118.26    3767331.08        7.03636                      397158.26
3767331.08        8.24535
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:32:54

                                  PAGE  49
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*
```

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397198.26	3767331.08	9.23010	397238.26	3767331.08	10.17591
397278.26	3767331.08	9.36360	397318.26	3767331.08	6.70764
397358.26	3767331.08	6.19360	397398.26	3767331.08	5.96948
397438.26	3767331.08	5.20181	397478.26	3767331.08	4.48156
397518.26	3767331.08	3.99039	397558.26	3767331.08	3.56712
397598.26	3767331.08	3.20048	397638.26	3767331.08	2.84594
397678.26	3767331.08	2.57477	397718.26	3767331.08	2.35375
396558.26	3767371.08	1.93569	396598.26	3767371.08	2.19037
396638.26	3767371.08	2.50758	396678.26	3767371.08	2.90809
396718.26	3767371.08	3.26280	396758.26	3767371.08	3.37291
396798.26	3767371.08	3.53383	396838.26	3767371.08	3.84794
396878.26	3767371.08	4.46564	396918.26	3767371.08	4.50250
396958.26	3767371.08	4.50290	396998.26	3767371.08	4.48270
397038.26	3767371.08	4.32484	397078.26	3767371.08	4.30090
397118.26	3767371.08	4.24165	397158.26	3767371.08	6.47658

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         397198.26    3767371.08        6.63966                    397238.26
3767371.08        6.12302
         397278.26    3767371.08        6.14024                    397318.26
3767371.08        5.92701
         397358.26    3767371.08        5.59703                    397398.26
3767371.08        5.46703
         397438.26    3767371.08        4.90439                    397478.26
3767371.08        4.38678
         397518.26    3767371.08        3.93054                    397558.26
3767371.08        3.50534
         397598.26    3767371.08        3.09508                    397638.26
3767371.08        2.75837
         397678.26    3767371.08        2.40536                    397718.26
3767371.08        2.10113
         396558.26    3767411.08        1.84840                    396598.26
3767411.08        2.11141
         396638.26    3767411.08        2.42558                    396678.26
3767411.08        2.76645
         396718.26    3767411.08        3.09077                    396758.26
3767411.08        3.21301
         396798.26    3767411.08        3.21392                    396838.26
3767411.08        3.49016
         396878.26    3767411.08        4.01060                    396918.26
3767411.08        4.04895
         396958.26    3767411.08        3.68278                    396998.26
3767411.08        3.56997
         397038.26    3767411.08        3.55272                    397078.26
3767411.08        3.21132
         397118.26    3767411.08        3.41722                    397158.26
3767411.08        4.33379
         397198.26    3767411.08        4.76325                    397238.26
3767411.08        5.06728
         397278.26    3767411.08        5.29985                    397318.26
3767411.08        5.10038
         397358.26    3767411.08        4.95648                    397398.26
3767411.08        4.90834
         397438.26    3767411.08        4.53708                    397478.26
3767411.08        4.15972
         397518.26    3767411.08        3.79057                    397558.26
3767411.08        3.42040
         397598.26    3767411.08        3.05180                    397638.26
3767411.08        2.72755
         397678.26    3767411.08        2.39069                    397718.26
3767411.08        2.03529
         396558.26    3767451.08        1.75865                    396598.26
3767451.08        2.00437
         396638.26    3767451.08        2.29443                    396678.26
3767451.08        2.54484
         396718.26    3767451.08        2.72836                    396758.26
3767451.08        2.92320
```

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	2.98145	396838.26	3767451.08	3.30244
396878.26	3767451.08	3.50530	396918.26	3767451.08	3.26769
396958.26	3767451.08	3.23069	396998.26	3767451.08	2.97274
397038.26	3767451.08	2.63819	397078.26	3767451.08	2.58990
397118.26	3767451.08	2.91726	397158.26	3767451.08	3.59767
397198.26	3767451.08	3.84876	397238.26	3767451.08	4.38691
397278.26	3767451.08	4.35439	397318.26	3767451.08	4.57363
397358.26	3767451.08	4.37554	397398.26	3767451.08	4.37195
397438.26	3767451.08	4.19262	397478.26	3767451.08	3.89637
397518.26	3767451.08	3.57130	397558.26	3767451.08	3.25239
397598.26	3767451.08	2.92582	397638.26	3767451.08	2.62375

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        397678.26    3767451.08        2.33947                    397718.26
3767451.08        2.06307
        396558.26    3767491.08        1.65776                    396598.26
3767491.08        1.84156
        396638.26    3767491.08        1.99801                    396678.26
3767491.08        2.22069
        396718.26    3767491.08        2.47051                    396758.26
3767491.08        2.74426
        396798.26    3767491.08        2.74753                    396838.26
3767491.08        2.78267
        396878.26    3767491.08        2.90437                    396918.26
3767491.08        3.02184
        396958.26    3767491.08        2.79195                    396998.26
3767491.08        2.41517
        397038.26    3767491.08        2.34944                    397078.26
3767491.08        2.34929
        397118.26    3767491.08        2.58404                    397158.26
3767491.08        3.01206
        397198.26    3767491.08        3.40691                    397238.26
3767491.08        3.72230
        397278.26    3767491.08        3.92822                    397318.26
3767491.08        3.94754
        397358.26    3767491.08        4.01348                    397398.26
3767491.08        3.86885
        397438.26    3767491.08        3.77235                    397478.26
3767491.08        3.62559
        397518.26    3767491.08        3.36091                    397558.26
3767491.08        3.04799
        397598.26    3767491.08        2.74903                    397638.26
3767491.08        2.48759
        397678.26    3767491.08        2.23258                    397718.26
3767491.08        1.97213
        396558.26    3767531.08        1.52948                    396598.26
3767531.08        1.67358
        396638.26    3767531.08        1.84051                    396678.26
3767531.08        2.02409
        396718.26    3767531.08        2.25582                    396758.26
3767531.08        2.40713
        396798.26    3767531.08        2.27522                    396838.26
3767531.08        2.50689
        396878.26    3767531.08        2.67746                    396918.26
3767531.08        2.57596
        396958.26    3767531.08        2.34520                    396998.26
3767531.08        2.28903
        397038.26    3767531.08        2.23089                    397078.26
3767531.08        2.25881
        397118.26    3767531.08        2.46072                    397158.26
3767531.08        2.74262
        397198.26    3767531.08        3.06790                    397238.26
3767531.08        3.17925
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         397278.26    3767531.08        3.56018                      397318.26
3767531.08        3.53068
         397358.26    3767531.08        3.59929                      397398.26
3767531.08        3.53922
         397438.26    3767531.08        3.45900                      397478.26
3767531.08        3.31501
         397518.26    3767531.08        3.12949                      397558.26
3767531.08        2.85744
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
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                                  PAGE  51
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397598.26    3767531.08        2.56729                      397638.26
3767531.08        2.32971
         397678.26    3767531.08        2.10995                      397718.26
3767531.08        1.87511
         397320.82    3767219.11       14.79927                      397330.82
3767209.11       16.10277
         397340.82    3767189.11       17.88768                      397340.82
3767199.11       17.40522
         397340.82    3767209.11       15.28538                      397350.82
3767189.11       18.07895
         397350.82    3767199.11       16.77224                      397360.82
3767189.11       15.56923
         397360.82    3767199.11       14.84752                      397370.82
3767189.11       10.97255
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         397380.82    3767189.11        9.04359                      396934.73
3767169.52        6.50932
         397014.53    3767229.60       12.46787                      397044.10
3767223.97       11.85116
         397113.57    3767239.93        9.03781                      397158.63
3767280.29        9.64917
         397168.95    3767307.05        6.36440                      397244.05
3767296.72        9.48440
         397260.95    3767278.88        7.75740                      397409.74
3767205.66        7.32393
         397422.89    3767189.23        7.56248                      397426.64
3767180.78        7.65568
         397420.54    3767170.46        7.94922                      397318.68
3767160.13       16.78136
         397022.98    3767083.62       14.59033                      396920.42
3767167.32        6.17666
         396989.95    3767243.54       10.52030                      397044.10
3767223.97       11.85116
         397113.57    3767239.93        9.03781                      397158.63
3767280.29        9.64917
         397168.95    3767307.05        6.36440                      397244.05
3767296.72        9.48440
         397260.95    3767278.88        7.75740                      397409.74
3767205.66        7.32393
         397422.89    3767189.23        7.56248                      397426.64
3767180.78        7.65568
         397420.54    3767170.46        7.94922                      397318.68
3767160.13       16.78136
         397022.98    3767083.62       14.59033

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
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                                   PAGE  52
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3766771.08	1.38270	396598.26	3766771.08	1.59168
396638.26	3766771.08	1.91217	396678.26	3766771.08	2.34371
396718.26	3766771.08	2.83141	396758.26	3766771.08	3.07130
396798.26	3766771.08	3.16963	396838.26	3766771.08	3.64036
396878.26	3766771.08	3.90391	396918.26	3766771.08	4.10203
396958.26	3766771.08	4.46253	396998.26	3766771.08	4.50770
397038.26	3766771.08	4.30874	397078.26	3766771.08	3.91995
397118.26	3766771.08	3.44821	397158.26	3766771.08	3.25738
397198.26	3766771.08	3.19391	397238.26	3766771.08	2.81020
397278.26	3766771.08	2.74188	397318.26	3766771.08	2.74475
397358.26	3766771.08	2.87101	397398.26	3766771.08	2.85081
397438.26	3766771.08	2.70917	397478.26	3766771.08	2.67807
397518.26	3766771.08	2.58063	397558.26	3766771.08	2.41574
397598.26	3766771.08	2.31171	397638.26	3766771.08	2.16001
397678.26	3766771.08	1.95698	397718.26	3766771.08	1.78379
396558.26	3766811.08	1.43697	396598.26	3766811.08	1.71444
396638.26	3766811.08	2.05706	396678.26	3766811.08	2.44044
396718.26	3766811.08	2.82082	396758.26	3766811.08	3.16683
396798.26	3766811.08	3.45661	396838.26	3766811.08	3.75565
396878.26	3766811.08	4.28162	396918.26	3766811.08	4.52489
396958.26	3766811.08	4.82155	396998.26	3766811.08	5.06629

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         397038.26    3766811.08        4.87836                      397078.26
3766811.08        4.43573
         397118.26    3766811.08        4.10968                      397158.26
3766811.08        3.72485
         397198.26    3766811.08        3.64905                      397238.26
3766811.08        3.00081
         397278.26    3766811.08        3.08300                      397318.26
3766811.08        3.18664
         397358.26    3766811.08        3.19111                      397398.26
3766811.08        3.05991
         397438.26    3766811.08        3.03618                      397478.26
3766811.08        2.96322
         397518.26    3766811.08        2.85784                      397558.26
3766811.08        2.72620
         397598.26    3766811.08        2.54446                      397638.26
3766811.08        2.36511
         397678.26    3766811.08        2.16409                      397718.26
3766811.08        1.99302
         396558.26    3766851.08        1.43752                      396598.26
3766851.08        1.71457
         396638.26    3766851.08        2.09193                      396678.26
3766851.08        2.48121
         396718.26    3766851.08        2.79220                      396758.26
3766851.08        3.16191
         396798.26    3766851.08        3.70062                      396838.26
3766851.08        4.03631
         396878.26    3766851.08        4.46385                      396918.26
3766851.08        4.95077
         396958.26    3766851.08        5.15697                      396998.26
3766851.08        5.54662
         397038.26    3766851.08        5.46250                      397078.26
3766851.08        5.14900
         397118.26    3766851.08        4.85137                      397158.26
3766851.08        4.30188
         397198.26    3766851.08        4.11359                      397238.26
3766851.08        3.55837
         397278.26    3766851.08        3.58937                      397318.26
3766851.08        3.52887
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
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                                   PAGE  53
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
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                EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397358.26    3766851.08        3.44805                       397398.26
3766851.08        3.35840
         397438.26    3766851.08        3.38123                       397478.26
3766851.08        3.31729
         397518.26    3766851.08        3.15983                       397558.26
3766851.08        3.00147
         397598.26    3766851.08        2.84386                       397638.26
3766851.08        2.62826
         397678.26    3766851.08        2.42484                       397718.26
3766851.08        2.24699
         396558.26    3766891.08        1.54369                       396598.26
3766891.08        1.75088
         396638.26    3766891.08        2.03878                       396678.26
3766891.08        2.53049
         396718.26    3766891.08        2.97294                       396758.26
3766891.08        3.30297
         396798.26    3766891.08        3.71174                       396838.26
3766891.08        4.33068
         396878.26    3766891.08        4.71916                       396918.26
3766891.08        5.19006
         396958.26    3766891.08        5.58596                       396998.26
3766891.08        5.86287
         397038.26    3766891.08        6.07603                       397078.26
3766891.08        6.00582
         397118.26    3766891.08        5.61578                       397158.26
3766891.08        4.79199
         397198.26    3766891.08        4.62094                       397238.26
3766891.08        4.20160
         397278.26    3766891.08        4.28875                       397318.26
3766891.08        4.10270
         397358.26    3766891.08        3.82488                       397398.26
3766891.08        3.77440
         397438.26    3766891.08        3.77316                       397478.26
3766891.08        3.64449
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3766891.08        3.35656
         397598.26    3766891.08        3.11570                      397638.26
3766891.08        2.93458
         397678.26    3766891.08        2.66418                      397718.26
3766891.08        2.33891
         396558.26    3766931.08        1.52986                      396598.26
3766931.08        1.81923
         396638.26    3766931.08        2.16184                      396678.26
3766931.08        2.44797
         396718.26    3766931.08        2.92619                      396758.26
3766931.08        3.49243
         396798.26    3766931.08        3.91009                      396838.26
3766931.08        4.31777
         396878.26    3766931.08        5.00612                      396918.26
3766931.08        5.36856
         396958.26    3766931.08        6.00971                      396998.26
3766931.08        6.30985
         397038.26    3766931.08        6.87546                      397078.26
3766931.08        6.95395
         397118.26    3766931.08        6.74678                      397158.26
3766931.08        5.87565
         397198.26    3766931.08        5.41138                      397238.26
3766931.08        5.12839
         397278.26    3766931.08        5.05063                      397318.26
3766931.08        4.67330
         397358.26    3766931.08        4.80578                      397398.26
3766931.08        4.59706
         397438.26    3766931.08        4.24017                      397478.26
3766931.08        4.11438
         397518.26    3766931.08        3.98532                      397558.26
3766931.08        3.73841
         397598.26    3766931.08        3.47332                      397638.26
3766931.08        3.13385
         397678.26    3766931.08        2.78446                      397718.26
3766931.08        2.55088
         396558.26    3766971.08        1.44125                      396598.26
3766971.08        1.71116
         396638.26    3766971.08        2.08268                      396678.26
3766971.08        2.49658
         396718.26    3766971.08        2.92810                      396758.26
3766971.08        3.32457
         396798.26    3766971.08        3.99447                      396838.26
3766971.08        4.57752
         396878.26    3766971.08        4.98732                      396918.26
3766971.08        5.80110
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:32:54
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396958.26	3766971.08	6.23943	396998.26	3766971.08	7.08823
397038.26	3766971.08	7.68105	397078.26	3766971.08	8.08157
397118.26	3766971.08	7.97093	397158.26	3766971.08	7.07851
397198.26	3766971.08	6.46832	397238.26	3766971.08	6.33956
397278.26	3766971.08	5.90349	397318.26	3766971.08	5.52399
397358.26	3766971.08	5.65474	397398.26	3766971.08	5.48475
397438.26	3766971.08	5.05376	397478.26	3766971.08	4.66118
397518.26	3766971.08	4.43399	397558.26	3766971.08	4.06490
397598.26	3766971.08	3.64805	397638.26	3766971.08	3.32044
397678.26	3766971.08	2.87993	397718.26	3766971.08	2.65873
396558.26	3767011.08	1.43660	396598.26	3767011.08	1.62534
396638.26	3767011.08	1.97705	396678.26	3767011.08	2.31947
396718.26	3767011.08	2.77354	396758.26	3767011.08	3.32471

396798.26 3767011.08 3.85358 396838.26
3767011.08 4.48946
396878.26 3767011.08 5.30446 396918.26
3767011.08 5.87090
396958.26 3767011.08 6.86583 396998.26
3767011.08 7.68620
397038.26 3767011.08 8.52898 397078.26
3767011.08 10.16577
397118.26 3767011.08 10.81104 397158.26
3767011.08 10.50049
397198.26 3767011.08 9.79436 397238.26
3767011.08 8.55765
397278.26 3767011.08 7.27351 397318.26
3767011.08 6.83833
397358.26 3767011.08 6.40421 397398.26
3767011.08 6.04243
397438.26 3767011.08 5.84177 397478.26
3767011.08 5.26511
397518.26 3767011.08 4.72946 397558.26
3767011.08 4.30773
397598.26 3767011.08 3.79406 397638.26
3767011.08 3.43214
397678.26 3767011.08 3.01953 397718.26
3767011.08 2.77051
396558.26 3767051.08 1.51318 396598.26
3767051.08 1.71335
396638.26 3767051.08 1.94761 396678.26
3767051.08 2.21316
396718.26 3767051.08 2.60323 396758.26
3767051.08 3.07766
396798.26 3767051.08 3.61254 396838.26
3767051.08 4.33791
396878.26 3767051.08 5.09348 396918.26
3767051.08 6.27478
396958.26 3767051.08 7.12688 396998.26
3767051.08 9.49606
397038.26 3767051.08 15.06211 397078.26
3767051.08 12.03490
397118.26 3767051.08 12.32793 397158.26
3767051.08 11.40736
397198.26 3767051.08 11.42985 397238.26
3767051.08 10.81293
397278.26 3767051.08 9.99022 397318.26
3767051.08 8.52451
397358.26 3767051.08 7.41856 397398.26
3767051.08 6.75218
397438.26 3767051.08 6.26924 397478.26
3767051.08 5.74431
397518.26 3767051.08 5.14433 397558.26
3767051.08 4.61001

 *** MODELOPTs: CONC ELEV URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396558.26   3767091.08   1.60405   396598.26
3767091.08   1.82898
         396638.26   3767091.08   2.03116   396678.26
3767091.08   2.29256
         396718.26   3767091.08   2.60471   396758.26
3767091.08   2.96429
         396798.26   3767091.08   3.36443   396838.26
3767091.08   4.01150
         396878.26   3767091.08   4.76991   396918.26
3767091.08   5.89304
         396958.26   3767091.08   7.36603   396998.26
3767091.08   14.56502
         397078.26   3767091.08   11.08755   397118.26
3767091.08   11.12545
         397158.26   3767091.08   11.92945   397198.26
3767091.08   12.19014
         397238.26   3767091.08   11.87244   397278.26
3767091.08   12.56672

397318.26 3767091.08 12.52782 397358.26
3767091.08 8.27348
397398.26 3767091.08 7.29469 397438.26
3767091.08 6.53490
397478.26 3767091.08 5.86571 397518.26
3767091.08 5.24714
397558.26 3767091.08 4.59816 397598.26
3767091.08 4.13622
397638.26 3767091.08 3.62768 397678.26
3767091.08 3.17704
397718.26 3767091.08 2.82928 396558.26
3767131.08 1.70516
396598.26 3767131.08 1.94946 396638.26
3767131.08 2.18136
396678.26 3767131.08 2.38061 396718.26
3767131.08 2.65669
396758.26 3767131.08 3.03336 396798.26
3767131.08 3.40334
396838.26 3767131.08 3.89950 396878.26
3767131.08 4.55316
396918.26 3767131.08 5.32986 396958.26
3767131.08 8.86547
397238.26 3767131.08 12.59254 397278.26
3767131.08 12.94920
397318.26 3767131.08 15.00681 397358.26
3767131.08 10.45830
397398.26 3767131.08 7.63578 397438.26
3767131.08 6.55479
397478.26 3767131.08 5.76550 397518.26
3767131.08 5.14961
397558.26 3767131.08 4.55002 397598.26
3767131.08 4.05740
397638.26 3767131.08 3.60929 397678.26
3767131.08 3.13901
397718.26 3767131.08 2.74196 396558.26
3767171.08 1.84222
396598.26 3767171.08 2.07725 396638.26
3767171.08 2.33623
396678.26 3767171.08 2.52624 396718.26
3767171.08 2.74984
396758.26 3767171.08 3.09049 396798.26
3767171.08 3.55202
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3767171.08 4.88330
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3767171.08 6.41766
397478.26 3767171.08 5.63650 397518.26
3767171.08 5.01013
397558.26 3767171.08 4.47214 397598.26
3767171.08 3.94756

*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED
OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02
, EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10
, EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18
, EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF NO2 IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC X-COORD (M)
Y-COORD (M) CONC
- - - -

396558.26 3767251.08 2.05547 396598.26
3767251.08 2.32636
396638.26 3767251.08 2.63796 396678.26
3767251.08 2.97924
396718.26 3767251.08 3.15808 396758.26
3767251.08 3.28873
396798.26 3767251.08 3.69611 396838.26
3767251.08 4.27205
396878.26 3767251.08 5.24739 396918.26
3767251.08 6.21318
396958.26 3767251.08 6.90365 396998.26
3767251.08 9.39035
397038.26 3767251.08 5.66065 397078.26
3767251.08 5.39510
397118.26 3767251.08 8.36703 397318.26
3767251.08 10.40110
397358.26 3767251.08 6.87457 397398.26
3767251.08 5.94825
397438.26 3767251.08 5.26008 397478.26
3767251.08 4.66251
397518.26 3767251.08 4.29092 397558.26
3767251.08 3.91931
397598.26 3767251.08 3.56096 397638.26
3767251.08 3.18962
397678.26 3767251.08 2.83033 397718.26
3767251.08 2.49831
396558.26 3767291.08 2.02752 396598.26
3767291.08 2.32815
396638.26 3767291.08 2.66055 396678.26
3767291.08 3.03431
396718.26 3767291.08 3.40530 396758.26
3767291.08 3.31829
396798.26 3767291.08 3.59155 396838.26
3767291.08 4.07301
396878.26 3767291.08 5.15160 396918.26
3767291.08 5.53772
396958.26 3767291.08 6.00140 396998.26
3767291.08 6.77875
397038.26 3767291.08 9.37776 397078.26
3767291.08 5.54298
397118.26 3767291.08 5.19407 397158.26
3767291.08 8.29048
397278.26 3767291.08 9.89566 397318.26
3767291.08 8.65103
397358.26 3767291.08 6.44492 397398.26
3767291.08 5.96453
397438.26 3767291.08 5.15494 397478.26
3767291.08 4.39109
397518.26 3767291.08 3.91544 397558.26
3767291.08 3.55537

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         397598.26    3767291.08        3.20481                      397638.26
3767291.08        2.90683
         397678.26    3767291.08        2.67151                      397718.26
3767291.08        2.38822
         396558.26    3767331.08        1.94671                      396598.26
3767331.08        2.20627
         396638.26    3767331.08        2.48379                      396678.26
3767331.08        2.85170
         396718.26    3767331.08        3.23945                      396758.26
3767331.08        3.26436
         396798.26    3767331.08        3.46092                      396838.26
3767331.08        3.93181
         396878.26    3767331.08        4.78614                      396918.26
3767331.08        4.87516
         396958.26    3767331.08        4.92646                      396998.26
3767331.08        5.25092
         397038.26    3767331.08        5.70029                      397078.26
3767331.08        6.76508
         397118.26    3767331.08        6.84923                      397158.26
3767331.08        8.19120
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
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                                   PAGE  57
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         397198.26    3767331.08        9.15168                      397238.26
3767331.08       10.00031
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         397278.26    3767331.08        9.22568                    397318.26
3767331.08        6.65081
         397358.26    3767331.08        6.09829                    397398.26
3767331.08        5.89321
         397438.26    3767331.08        5.10717                    397478.26
3767331.08        4.40201
         397518.26    3767331.08        3.86522                    397558.26
3767331.08        3.48607
         397598.26    3767331.08        3.11340                    397638.26
3767331.08        2.73899
         397678.26    3767331.08        2.43793                    397718.26
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         396558.26    3767371.08        1.85518                    396598.26
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         396638.26    3767371.08        2.38209                    396678.26
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         396718.26    3767371.08        3.11359                    396758.26
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         396798.26    3767371.08        3.34950                    396838.26
3767371.08        3.56658
         396878.26    3767371.08        4.19287                    396918.26
3767371.08        4.33688
         396958.26    3767371.08        4.31382                    396998.26
3767371.08        4.23071
         397038.26    3767371.08        4.09374                    397078.26
3767371.08        4.00318
         397118.26    3767371.08        4.13219                    397158.26
3767371.08        6.34276
         397198.26    3767371.08        6.48162                    397238.26
3767371.08        5.97673
         397278.26    3767371.08        6.10134                    397318.26
3767371.08        5.84791
         397358.26    3767371.08        5.54417                    397398.26
3767371.08        5.39931
         397438.26    3767371.08        4.81906                    397478.26
3767371.08        4.31358
         397518.26    3767371.08        3.86352                    397558.26
3767371.08        3.42926
         397598.26    3767371.08        3.02880                    397638.26
3767371.08        2.67051
         397678.26    3767371.08        2.33633                    397718.26
3767371.08        2.02988
         396558.26    3767411.08        1.77264                    396598.26
3767411.08        2.01363
         396638.26    3767411.08        2.32339                    396678.26
3767411.08        2.61338
         396718.26    3767411.08        2.89436                    396758.26
3767411.08        2.96613
         396798.26    3767411.08        3.01935                    396838.26
3767411.08        3.34876
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         396878.26    3767411.08        3.85391                      396918.26
3767411.08        3.79768
         396958.26    3767411.08        3.46212                      396998.26
3767411.08        3.31645
         397038.26    3767411.08        3.23172                      397078.26
3767411.08        3.05113
         397118.26    3767411.08        3.37095                      397158.26
3767411.08        4.24577
         397198.26    3767411.08        4.65078                      397238.26
3767411.08        5.02335
         397278.26    3767411.08        5.19724                      397318.26
3767411.08        5.06597
         397358.26    3767411.08        4.88606                      397398.26
3767411.08        4.85481
         397438.26    3767411.08        4.48071                      397478.26
3767411.08        4.07540
         397518.26    3767411.08        3.71434                      397558.26
3767411.08        3.35372
         397598.26    3767411.08        3.00321                      397638.26
3767411.08        2.63311
         397678.26    3767411.08        2.32269                      397718.26
3767411.08        1.98268
         396558.26    3767451.08        1.69660                      396598.26
3767451.08        1.91427
         396638.26    3767451.08        2.15877                      396678.26
3767451.08        2.36210
         396718.26    3767451.08        2.59358                      396758.26
3767451.08        2.79300
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                   PAGE  58
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF NO2      IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	2.87202	396838.26	3767451.08	3.09315
396878.26	3767451.08	3.26581	396918.26	3767451.08	3.13562
396958.26	3767451.08	2.94468	396998.26	3767451.08	2.67366
397038.26	3767451.08	2.45610	397078.26	3767451.08	2.37132
397118.26	3767451.08	2.88794	397158.26	3767451.08	3.50468
397198.26	3767451.08	3.79817	397238.26	3767451.08	4.30835
397278.26	3767451.08	4.30840	397318.26	3767451.08	4.50045
397358.26	3767451.08	4.32070	397398.26	3767451.08	4.31148
397438.26	3767451.08	4.13473	397478.26	3767451.08	3.83872
397518.26	3767451.08	3.51578	397558.26	3767451.08	3.17570
397598.26	3767451.08	2.86161	397638.26	3767451.08	2.57201
397678.26	3767451.08	2.29905	397718.26	3767451.08	1.99292
396558.26	3767491.08	1.57607	396598.26	3767491.08	1.74292
396638.26	3767491.08	1.92609	396678.26	3767491.08	2.12857
396718.26	3767491.08	2.37949	396758.26	3767491.08	2.61555
396798.26	3767491.08	2.54921	396838.26	3767491.08	2.59383
396878.26	3767491.08	2.76454	396918.26	3767491.08	2.72624
396958.26	3767491.08	2.47592	396998.26	3767491.08	2.20752
397038.26	3767491.08	2.08358	397078.26	3767491.08	2.10009
397118.26	3767491.08	2.49726	397158.26	3767491.08	2.92874
397198.26	3767491.08	3.34149	397238.26	3767491.08	3.62428
397278.26	3767491.08	3.87509	397318.26	3767491.08	3.82379

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         397358.26    3767491.08        3.95419                      397398.26
3767491.08        3.81323
         397438.26    3767491.08        3.72071                      397478.26
3767491.08        3.57476
         397518.26    3767491.08        3.31041                      397558.26
3767491.08        3.00160
         397598.26    3767491.08        2.69000                      397638.26
3767491.08        2.42644
         397678.26    3767491.08        2.17674                      397718.26
3767491.08        1.93240
         396558.26    3767531.08        1.44601                      396598.26
3767531.08        1.60997
         396638.26    3767531.08        1.79287                      396678.26
3767531.08        1.95645
         396718.26    3767531.08        2.11272                      396758.26
3767531.08        2.22753
         396798.26    3767531.08        2.15798                      396838.26
3767531.08        2.37229
         396878.26    3767531.08        2.42671                      396918.26
3767531.08        2.28165
         396958.26    3767531.08        2.06773                      396998.26
3767531.08        1.98034
         397038.26    3767531.08        1.91926                      397078.26
3767531.08        1.99535
         397118.26    3767531.08        2.28550                      397158.26
3767531.08        2.58836
         397198.26    3767531.08        3.01347                      397238.26
3767531.08        3.10583
         397278.26    3767531.08        3.48037                      397318.26
3767531.08        3.48448
         397358.26    3767531.08        3.47381                      397398.26
3767531.08        3.49306
         397438.26    3767531.08        3.40475                      397478.26
3767531.08        3.26792
         397518.26    3767531.08        3.08225                      397558.26
3767531.08        2.81981
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                   PAGE  59
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
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                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397598.26    3767531.08        2.52235                       397638.26
3767531.08        2.28556
         397678.26    3767531.08        2.06290                       397718.26
3767531.08        1.83425
         397320.82    3767219.11       13.31722                       397330.82
3767209.11       14.08050
         397340.82    3767189.11       15.54743                       397340.82
3767199.11       14.84699
         397340.82    3767209.11       13.67084                       397350.82
3767189.11       15.48772
         397350.82    3767199.11       14.41985                       397360.82
3767189.11       13.73080
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3767189.11        9.73334
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3767169.52        6.11243
         397014.53    3767229.60       11.68058                       397044.10
3767223.97       11.12393
         397113.57    3767239.93        8.70649                       397158.63
3767280.29        9.39551
         397168.95    3767307.05        5.94173                       397244.05
3767296.72        8.85720
         397260.95    3767278.88        7.61021                       397409.74
3767205.66        6.71162
         397422.89    3767189.23        6.67146                       397426.64
3767180.78        6.67115
         397420.54    3767170.46        6.87814                       397318.68
3767160.13       13.86529
         397022.98    3767083.62       14.46744                       396920.42
3767167.32        5.80250
         396989.95    3767243.54        9.87536                       397044.10
3767223.97       11.12393
         397113.57    3767239.93        8.70649                       397158.63
3767280.29        9.39551
         397168.95    3767307.05        5.94173                       397244.05
3767296.72        8.85720
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*** MODELOPTs: CONC ELEV URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3766771.08	1.38270	396598.26	3766771.08	1.59168
396638.26	3766771.08	1.91217	396678.26	3766771.08	2.34371
396718.26	3766771.08	2.83141	396758.26	3766771.08	3.07130
396798.26	3766771.08	3.16963	396838.26	3766771.08	3.64036
396878.26	3766771.08	3.90391	396918.26	3766771.08	4.10203
396958.26	3766771.08	4.46253	396998.26	3766771.08	4.50770
397038.26	3766771.08	4.30874	397078.26	3766771.08	3.91995
397260.95	3767278.88	7.61021	397409.74	3767205.66	6.71162
397422.89	3767189.23	6.67146	397426.64	3767180.78	6.67115
397420.54	3767170.46	6.87814	397318.68	3767160.13	13.86529
397022.98	3767083.62	14.46744			

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         397118.26    3766771.08        3.44821                    397158.26
3766771.08        3.25738
         397198.26    3766771.08        3.19391                    397238.26
3766771.08        2.81020
         397278.26    3766771.08        2.74188                    397318.26
3766771.08        2.74475
         397358.26    3766771.08        2.87101                    397398.26
3766771.08        2.85081
         397438.26    3766771.08        2.70917                    397478.26
3766771.08        2.67807
         397518.26    3766771.08        2.58063                    397558.26
3766771.08        2.41574
         397598.26    3766771.08        2.31171                    397638.26
3766771.08        2.16001
         397678.26    3766771.08        1.95698                    397718.26
3766771.08        1.78379
         396558.26    3766811.08        1.43697                    396598.26
3766811.08        1.71444
         396638.26    3766811.08        2.05706                    396678.26
3766811.08        2.44044
         396718.26    3766811.08        2.82082                    396758.26
3766811.08        3.16683
         396798.26    3766811.08        3.45661                    396838.26
3766811.08        3.75565
         396878.26    3766811.08        4.28162                    396918.26
3766811.08        4.52489
         396958.26    3766811.08        4.82155                    396998.26
3766811.08        5.06629
         397038.26    3766811.08        4.87836                    397078.26
3766811.08        4.43573
         397118.26    3766811.08        4.10968                    397158.26
3766811.08        3.72485
         397198.26    3766811.08        3.64905                    397238.26
3766811.08        3.00081
         397278.26    3766811.08        3.08300                    397318.26
3766811.08        3.18664
         397358.26    3766811.08        3.19111                    397398.26
3766811.08        3.05991
         397438.26    3766811.08        3.03618                    397478.26
3766811.08        2.96322
         397518.26    3766811.08        2.85784                    397558.26
3766811.08        2.72620
         397598.26    3766811.08        2.54446                    397638.26
3766811.08        2.36511
         397678.26    3766811.08        2.16409                    397718.26
3766811.08        1.99302
         396558.26    3766851.08        1.43752                    396598.26
3766851.08        1.71457
         396638.26    3766851.08        2.09193                    396678.26
3766851.08        2.48121
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         396718.26    3766851.08        2.79220                      396758.26
3766851.08        3.16191
         396798.26    3766851.08        3.70062                      396838.26
3766851.08        4.03631
         396878.26    3766851.08        4.46385                      396918.26
3766851.08        4.95077
         396958.26    3766851.08        5.15697                      396998.26
3766851.08        5.54662
         397038.26    3766851.08        5.46250                      397078.26
3766851.08        5.14900
         397118.26    3766851.08        4.85137                      397158.26
3766851.08        4.30188
         397198.26    3766851.08        4.11359                      397238.26
3766851.08        3.55837
         397278.26    3766851.08        3.58937                      397318.26
3766851.08        3.52887
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    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397358.26    3766851.08        3.44805                      397398.26
3766851.08        3.35840
         397438.26    3766851.08        3.38123                      397478.26
3766851.08        3.31729
         397518.26    3766851.08        3.15983                      397558.26
3766851.08        3.00147
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         397598.26    3766851.08        2.84386                    397638.26
3766851.08        2.62826
         397678.26    3766851.08        2.42484                    397718.26
3766851.08        2.24699
         396558.26    3766891.08        1.54369                    396598.26
3766891.08        1.75088
         396638.26    3766891.08        2.03878                    396678.26
3766891.08        2.53049
         396718.26    3766891.08        2.97294                    396758.26
3766891.08        3.30297
         396798.26    3766891.08        3.71174                    396838.26
3766891.08        4.33068
         396878.26    3766891.08        4.71916                    396918.26
3766891.08        5.19006
         396958.26    3766891.08        5.58596                    396998.26
3766891.08        5.86287
         397038.26    3766891.08        6.07603                    397078.26
3766891.08        6.00582
         397118.26    3766891.08        5.61578                    397158.26
3766891.08        4.79199
         397198.26    3766891.08        4.62094                    397238.26
3766891.08        4.20160
         397278.26    3766891.08        4.28875                    397318.26
3766891.08        4.10270
         397358.26    3766891.08        3.82488                    397398.26
3766891.08        3.77440
         397438.26    3766891.08        3.77316                    397478.26
3766891.08        3.64449
         397518.26    3766891.08        3.52830                    397558.26
3766891.08        3.35656
         397598.26    3766891.08        3.11570                    397638.26
3766891.08        2.93458
         397678.26    3766891.08        2.66418                    397718.26
3766891.08        2.33891
         396558.26    3766931.08        1.52986                    396598.26
3766931.08        1.81923
         396638.26    3766931.08        2.16184                    396678.26
3766931.08        2.44797
         396718.26    3766931.08        2.92619                    396758.26
3766931.08        3.49243
         396798.26    3766931.08        3.91009                    396838.26
3766931.08        4.31777
         396878.26    3766931.08        5.00612                    396918.26
3766931.08        5.36856
         396958.26    3766931.08        6.00971                    396998.26
3766931.08        6.30985
         397038.26    3766931.08        6.87546                    397078.26
3766931.08        6.95395
         397118.26    3766931.08        6.74678                    397158.26
3766931.08        5.87565
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         397198.26    3766931.08        5.41138                      397238.26
3766931.08        5.12839
         397278.26    3766931.08        5.05063                      397318.26
3766931.08        4.67330
         397358.26    3766931.08        4.80578                      397398.26
3766931.08        4.59706
         397438.26    3766931.08        4.24017                      397478.26
3766931.08        4.11438
         397518.26    3766931.08        3.98532                      397558.26
3766931.08        3.73841
         397598.26    3766931.08        3.47332                      397638.26
3766931.08        3.13385
         397678.26    3766931.08        2.78446                      397718.26
3766931.08        2.55088
         396558.26    3766971.08        1.44125                      396598.26
3766971.08        1.71116
         396638.26    3766971.08        2.08268                      396678.26
3766971.08        2.49658
         396718.26    3766971.08        2.92810                      396758.26
3766971.08        3.32457
         396798.26    3766971.08        3.99447                      396838.26
3766971.08        4.57752
         396878.26    3766971.08        4.98732                      396918.26
3766971.08        5.80110
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                   PAGE  62
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF NO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
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 - - -
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         397678.26    3767011.08        3.01953                      397718.26
3767011.08        2.77051
         396558.26    3767051.08        1.51318                      396598.26
3767051.08        1.71335
         396638.26    3767051.08        1.94761                      396678.26
3767051.08        2.21316
         396718.26    3767051.08        2.60323                      396758.26
3767051.08        3.07766
         396798.26    3767051.08        3.61254                      396838.26
3767051.08        4.33791
         396878.26    3767051.08        5.09348                      396918.26
3767051.08        6.27478
         396958.26    3767051.08        7.12688                      396998.26
3767051.08        9.49606
         397038.26    3767051.08       15.06211                      397078.26
3767051.08       12.03490
         397118.26    3767051.08       12.32793                      397158.26
3767051.08       11.40736
         397198.26    3767051.08       11.42985                      397238.26
3767051.08       10.81293
         397278.26    3767051.08        9.99022                      397318.26
3767051.08        8.52451
         397358.26    3767051.08        7.41856                      397398.26
3767051.08        6.75218
         397438.26    3767051.08        6.26924                      397478.26
3767051.08        5.74431
         397518.26    3767051.08        5.14433                      397558.26
3767051.08        4.61001
         397598.26    3767051.08        4.08241                      397638.26
3767051.08        3.55480
         397678.26    3767051.08        3.04591                      397718.26
3767051.08        2.78474
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:32:54

                                   PAGE  63
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3767091.08	1.60405	396598.26	3767091.08	1.82898
396638.26	3767091.08	2.03116	396678.26	3767091.08	2.29256
396718.26	3767091.08	2.60471	396758.26	3767091.08	2.96429
396798.26	3767091.08	3.36443	396838.26	3767091.08	4.01150
396878.26	3767091.08	4.76991	396918.26	3767091.08	5.89304
396958.26	3767091.08	7.36603	396998.26	3767091.08	14.56502
397078.26	3767091.08	11.08755	397118.26	3767091.08	11.12545
397158.26	3767091.08	11.92945	397198.26	3767091.08	12.19014
397238.26	3767091.08	11.87244	397278.26	3767091.08	12.56672
397318.26	3767091.08	12.52782	397358.26	3767091.08	8.27348
397398.26	3767091.08	7.29469	397438.26	3767091.08	6.53490
397478.26	3767091.08	5.86571	397518.26	3767091.08	5.24714
397558.26	3767091.08	4.59816	397598.26	3767091.08	4.13622
397638.26	3767091.08	3.62768	397678.26	3767091.08	3.17704
397718.26	3767091.08	2.82928	396558.26	3767131.08	1.70516
396598.26	3767131.08	1.94946	396638.26	3767131.08	2.18136
396678.26	3767131.08	2.38061	396718.26	3767131.08	2.65669
396758.26	3767131.08	3.03336	396798.26	3767131.08	3.40334
396838.26	3767131.08	3.89950	396878.26	3767131.08	4.55316
396918.26	3767131.08	5.32986	396958.26	3767131.08	8.86547

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         397238.26    3767131.08       12.59254                       397278.26
3767131.08       12.94920
         397318.26    3767131.08       15.00681                       397358.26
3767131.08       10.45830
         397398.26    3767131.08        7.63578                       397438.26
3767131.08        6.55479
         397478.26    3767131.08        5.76550                       397518.26
3767131.08        5.14961
         397558.26    3767131.08        4.55002                       397598.26
3767131.08        4.05740
         397638.26    3767131.08        3.60929                       397678.26
3767131.08        3.13901
         397718.26    3767131.08        2.74196                       396558.26
3767171.08        1.84222
         396598.26    3767171.08        2.07725                       396638.26
3767171.08        2.33623
         396678.26    3767171.08        2.52624                       396718.26
3767171.08        2.74984
         396758.26    3767171.08        3.09049                       396798.26
3767171.08        3.55202
         396838.26    3767171.08        4.10861                       396878.26
3767171.08        4.88330
         396918.26    3767171.08        5.80263                       397438.26
3767171.08        6.41766
         397478.26    3767171.08        5.63650                       397518.26
3767171.08        5.01013
         397558.26    3767171.08        4.47214                       397598.26
3767171.08        3.94756
         397638.26    3767171.08        3.48423                       397678.26
3767171.08        3.06709
         397718.26    3767171.08        2.69329                       396558.26
3767211.08        1.89868
         396598.26    3767211.08        2.16741                       396638.26
3767211.08        2.43905
         396678.26    3767211.08        2.74406                       396718.26
3767211.08        2.88292
         396758.26    3767211.08        3.18095                       396798.26
3767211.08        3.63761
         396838.26    3767211.08        4.31503                       396878.26
3767211.08        5.15477
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

                                  PAGE  64
 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
```

INCLUDING SOURCE(S): EG01 , EG02
, EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10
, EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18
, EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	6.33894	396958.26	3767211.08	7.51262
397438.26	3767211.08	5.76744	397478.26	3767211.08	5.11209
397518.26	3767211.08	4.64566	397558.26	3767211.08	4.18298
397598.26	3767211.08	3.73491	397638.26	3767211.08	3.30462
397678.26	3767211.08	2.90787	397718.26	3767211.08	2.54017
396558.26	3767251.08	2.05547	396598.26	3767251.08	2.32636
396638.26	3767251.08	2.63796	396678.26	3767251.08	2.97924
396718.26	3767251.08	3.15808	396758.26	3767251.08	3.28873
396798.26	3767251.08	3.69611	396838.26	3767251.08	4.27205
396878.26	3767251.08	5.24739	396918.26	3767251.08	6.21318
396958.26	3767251.08	6.90365	396998.26	3767251.08	9.39035
397038.26	3767251.08	5.66065	397078.26	3767251.08	5.39510
397118.26	3767251.08	8.36703	397318.26	3767251.08	10.40110
397358.26	3767251.08	6.87457	397398.26	3767251.08	5.94825
397438.26	3767251.08	5.26008	397478.26	3767251.08	4.66251
397518.26	3767251.08	4.29092	397558.26	3767251.08	3.91931

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         397598.26    3767251.08        3.56096                     397638.26
3767251.08        3.18962
         397678.26    3767251.08        2.83033                     397718.26
3767251.08        2.49831
         396558.26    3767291.08        2.02752                     396598.26
3767291.08        2.32815
         396638.26    3767291.08        2.66055                     396678.26
3767291.08        3.03431
         396718.26    3767291.08        3.40530                     396758.26
3767291.08        3.31829
         396798.26    3767291.08        3.59155                     396838.26
3767291.08        4.07301
         396878.26    3767291.08        5.15160                     396918.26
3767291.08        5.53772
         396958.26    3767291.08        6.00140                     396998.26
3767291.08        6.77875
         397038.26    3767291.08        9.37776                     397078.26
3767291.08        5.54298
         397118.26    3767291.08        5.19407                     397158.26
3767291.08        8.29048
         397278.26    3767291.08        9.89566                     397318.26
3767291.08        8.65103
         397358.26    3767291.08        6.44492                     397398.26
3767291.08        5.96453
         397438.26    3767291.08        5.15494                     397478.26
3767291.08        4.39109
         397518.26    3767291.08        3.91544                     397558.26
3767291.08        3.55537
         397598.26    3767291.08        3.20481                     397638.26
3767291.08        2.90683
         397678.26    3767291.08        2.67151                     397718.26
3767291.08        2.38822
         396558.26    3767331.08        1.94671                     396598.26
3767331.08        2.20627
         396638.26    3767331.08        2.48379                     396678.26
3767331.08        2.85170
         396718.26    3767331.08        3.23945                     396758.26
3767331.08        3.26436
         396798.26    3767331.08        3.46092                     396838.26
3767331.08        3.93181
         396878.26    3767331.08        4.78614                     396918.26
3767331.08        4.87516
         396958.26    3767331.08        4.92646                     396998.26
3767331.08        5.25092
         397038.26    3767331.08        5.70029                     397078.26
3767331.08        6.76508
         397118.26    3767331.08        6.84923                     397158.26
3767331.08        8.19120
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
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*** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                  ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

396958.26 3767371.08 4.31382 396998.26
3767371.08 4.23071
397038.26 3767371.08 4.09374 397078.26
3767371.08 4.00318
397118.26 3767371.08 4.13219 397158.26
3767371.08 6.34276
397198.26 3767371.08 6.48162 397238.26
3767371.08 5.97673
397278.26 3767371.08 6.10134 397318.26
3767371.08 5.84791
397358.26 3767371.08 5.54417 397398.26
3767371.08 5.39931
397438.26 3767371.08 4.81906 397478.26
3767371.08 4.31358
397518.26 3767371.08 3.86352 397558.26
3767371.08 3.42926
397598.26 3767371.08 3.02880 397638.26
3767371.08 2.67051
397678.26 3767371.08 2.33633 397718.26
3767371.08 2.02988
396558.26 3767411.08 1.77264 396598.26
3767411.08 2.01363
396638.26 3767411.08 2.32339 396678.26
3767411.08 2.61338
396718.26 3767411.08 2.89436 396758.26
3767411.08 2.96613
396798.26 3767411.08 3.01935 396838.26
3767411.08 3.34876
396878.26 3767411.08 3.85391 396918.26
3767411.08 3.79768
396958.26 3767411.08 3.46212 396998.26
3767411.08 3.31645
397038.26 3767411.08 3.23172 397078.26
3767411.08 3.05113
397118.26 3767411.08 3.37095 397158.26
3767411.08 4.24577
397198.26 3767411.08 4.65078 397238.26
3767411.08 5.02335
397278.26 3767411.08 5.19724 397318.26
3767411.08 5.06597
397358.26 3767411.08 4.88606 397398.26
3767411.08 4.85481
397438.26 3767411.08 4.48071 397478.26
3767411.08 4.07540
397518.26 3767411.08 3.71434 397558.26
3767411.08 3.35372
397598.26 3767411.08 3.00321 397638.26
3767411.08 2.63311
397678.26 3767411.08 2.32269 397718.26
3767411.08 1.98268

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF NO2   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396798.26   3767451.08   2.87202   396838.26
3767451.08   3.09315
         396878.26   3767451.08   3.26581   396918.26
3767451.08   3.13562
         396958.26   3767451.08   2.94468   396998.26
3767451.08   2.67366
         397038.26   3767451.08   2.45610   397078.26
3767451.08   2.37132
         397118.26   3767451.08   2.88794   397158.26
3767451.08   3.50468
         397198.26   3767451.08   3.79817   397238.26
3767451.08   4.30835
         397278.26   3767451.08   4.30840   397318.26
3767451.08   4.50045
         397358.26   3767451.08   4.32070   397398.26
3767451.08   4.31148

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         397438.26    3767451.08        4.13473                    397478.26
3767451.08        3.83872
         397518.26    3767451.08        3.51578                    397558.26
3767451.08        3.17570
         397598.26    3767451.08        2.86161                    397638.26
3767451.08        2.57201
         397678.26    3767451.08        2.29905                    397718.26
3767451.08        1.99292
         396558.26    3767491.08        1.57607                    396598.26
3767491.08        1.74292
         396638.26    3767491.08        1.92609                    396678.26
3767491.08        2.12857
         396718.26    3767491.08        2.37949                    396758.26
3767491.08        2.61555
         396798.26    3767491.08        2.54921                    396838.26
3767491.08        2.59383
         396878.26    3767491.08        2.76454                    396918.26
3767491.08        2.72624
         396958.26    3767491.08        2.47592                    396998.26
3767491.08        2.20752
         397038.26    3767491.08        2.08358                    397078.26
3767491.08        2.10009
         397118.26    3767491.08        2.49726                    397158.26
3767491.08        2.92874
         397198.26    3767491.08        3.34149                    397238.26
3767491.08        3.62428
         397278.26    3767491.08        3.87509                    397318.26
3767491.08        3.82379
         397358.26    3767491.08        3.95419                    397398.26
3767491.08        3.81323
         397438.26    3767491.08        3.72071                    397478.26
3767491.08        3.57476
         397518.26    3767491.08        3.31041                    397558.26
3767491.08        3.00160
         397598.26    3767491.08        2.69000                    397638.26
3767491.08        2.42644
         397678.26    3767491.08        2.17674                    397718.26
3767491.08        1.93240
         396558.26    3767531.08        1.44601                    396598.26
3767531.08        1.60997
         396638.26    3767531.08        1.79287                    396678.26
3767531.08        1.95645
         396718.26    3767531.08        2.11272                    396758.26
3767531.08        2.22753
         396798.26    3767531.08        2.15798                    396838.26
3767531.08        2.37229
         396878.26    3767531.08        2.42671                    396918.26
3767531.08        2.28165
         396958.26    3767531.08        2.06773                    396998.26
3767531.08        1.98034
```

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         397038.26    3767531.08        1.91926                      397078.26
3767531.08        1.99535
         397118.26    3767531.08        2.28550                      397158.26
3767531.08        2.58836
         397198.26    3767531.08        3.01347                      397238.26
3767531.08        3.10583
         397278.26    3767531.08        3.48037                      397318.26
3767531.08        3.48448
         397358.26    3767531.08        3.47381                      397398.26
3767531.08        3.49306
         397438.26    3767531.08        3.40475                      397478.26
3767531.08        3.26792
         397518.26    3767531.08        3.08225                      397558.26
3767531.08        2.81981
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF NO2      IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397598.26    3767531.08        2.52235                      397638.26
3767531.08        2.28556
         397678.26    3767531.08        2.06290                      397718.26
3767531.08        1.83425
         397320.82    3767219.11       13.31722                      397330.82
3767209.11       14.08050
         397340.82    3767189.11       15.54743                      397340.82
3767199.11       14.84699
```

```
         397340.82    3767209.11       13.67084                       397350.82
3767189.11       15.48772
         397350.82    3767199.11       14.41985                       397360.82
3767189.11       13.73080
         397360.82    3767199.11       12.81003                       397370.82
3767189.11        9.73334
         397380.82    3767189.11        7.94978                       396934.73
3767169.52        6.11243
         397014.53    3767229.60       11.68058                       397044.10
3767223.97       11.12393
         397113.57    3767239.93        8.70649                       397158.63
3767280.29        9.39551
         397168.95    3767307.05        5.94173                       397244.05
3767296.72        8.85720
         397260.95    3767278.88        7.61021                       397409.74
3767205.66        6.71162
         397422.89    3767189.23        6.67146                       397426.64
3767180.78        6.67115
         397420.54    3767170.46        6.87814                       397318.68
3767160.13       13.86529
         397022.98    3767083.62       14.46744                       396920.42
3767167.32        5.80250
         396989.95    3767243.54        9.87536                       397044.10
3767223.97       11.12393
         397113.57    3767239.93        8.70649                       397158.63
3767280.29        9.39551
         397168.95    3767307.05        5.94173                       397244.05
3767296.72        8.85720
         397260.95    3767278.88        7.61021                       397409.74
3767205.66        6.71162
         397422.89    3767189.23        6.67146                       397426.64
3767180.78        6.67115
         397420.54    3767170.46        6.87814                       397318.68
3767160.13       13.86529
         397022.98    3767083.62       14.46744

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       16:32:54

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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

                                 *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   5 YEARS ***


                                  ** CONC OF NO2      IN MICROGRAMS/M**3
             **
```

```
                         NETWORK
GROUP ID                       AVERAGE CONC                RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

GENERATO  1ST HIGHEST VALUE IS      2.59870 AT (  397158.63,  3767280.29,
113.85,   188.90,    0.00)  DC
          2ND HIGHEST VALUE IS      2.59870 AT (  397158.63,  3767280.29,
113.85,   188.90,    0.00)  DC
          3RD HIGHEST VALUE IS      2.45694 AT (  397113.57,  3767239.93,
112.10,   187.57,    0.00)  DC
          4TH HIGHEST VALUE IS      2.45694 AT (  397113.57,  3767239.93,
112.10,   187.57,    0.00)  DC
          5TH HIGHEST VALUE IS      2.36614 AT (  397118.26,  3767251.08,
113.68,   187.57,    0.00)  DC
          6TH HIGHEST VALUE IS      2.22438 AT (  397158.26,  3767291.08,
115.43,   188.90,    0.00)  DC
          7TH HIGHEST VALUE IS      1.83924 AT (  397238.26,  3767331.08,
123.96,   149.01,    0.00)  DC
          8TH HIGHEST VALUE IS      1.80694 AT (  397198.26,  3767331.08,
125.94,   149.01,    0.00)  DC
          9TH HIGHEST VALUE IS      1.77184 AT (  397244.05,  3767296.72,
118.15,   188.90,    0.00)  DC
         10TH HIGHEST VALUE IS      1.77184 AT (  397244.05,  3767296.72,
118.15,   188.90,    0.00)  DC

ALL       1ST HIGHEST VALUE IS      2.59870 AT (  397158.63,  3767280.29,
113.85,   188.90,    0.00)  DC
          2ND HIGHEST VALUE IS      2.59870 AT (  397158.63,  3767280.29,
113.85,   188.90,    0.00)  DC
          3RD HIGHEST VALUE IS      2.45694 AT (  397113.57,  3767239.93,
112.10,   187.57,    0.00)  DC
          4TH HIGHEST VALUE IS      2.45694 AT (  397113.57,  3767239.93,
112.10,   187.57,    0.00)  DC
          5TH HIGHEST VALUE IS      2.36614 AT (  397118.26,  3767251.08,
113.68,   187.57,    0.00)  DC
          6TH HIGHEST VALUE IS      2.22438 AT (  397158.26,  3767291.08,
115.43,   188.90,    0.00)  DC
          7TH HIGHEST VALUE IS      1.83924 AT (  397238.26,  3767331.08,
123.96,   149.01,    0.00)  DC
          8TH HIGHEST VALUE IS      1.80694 AT (  397198.26,  3767331.08,
125.94,   149.01,    0.00)  DC
          9TH HIGHEST VALUE IS      1.77184 AT (  397244.05,  3767296.72,
118.15,   188.90,    0.00)  DC
         10TH HIGHEST VALUE IS      1.77184 AT (  397244.05,  3767296.72,
118.15,   188.90,    0.00)  DC
```

*** THE SUMMARY OF MAXIMUM   1ST-HIGHEST MAX DAILY 1-HR RESULTS AVERAGED OVER   5 YEARS ***

** CONC OF NO2   IN MICROGRAMS/M**3
**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
GENERATO	1ST HIGHEST VALUE IS	18.39910	AT (397318.26, 3767131.08, 112.33, 149.01, 0.00)	DC	
	2ND HIGHEST VALUE IS	18.07895	AT (397350.82, 3767189.11, 113.73, 149.27, 0.00)	DC	
	3RD HIGHEST VALUE IS	17.88768	AT (397340.82, 3767189.11, 113.51, 149.27, 0.00)	DC	
	4TH HIGHEST VALUE IS	17.40522	AT (397340.82, 3767199.11, 113.97, 149.27, 0.00)	DC	
	5TH HIGHEST VALUE IS	16.78136	AT (397318.68, 3767160.13, 112.88, 149.01, 0.00)	DC	
	6TH HIGHEST VALUE IS	16.78136	AT (397318.68, 3767160.13, 112.88, 149.01, 0.00)	DC	
	7TH HIGHEST VALUE IS	16.77224	AT (397350.82, 3767199.11, 114.28, 149.27, 0.00)	DC	
	8TH HIGHEST VALUE IS	16.10277	AT (397330.82, 3767209.11, 114.55, 149.27, 0.00)	DC	
	9TH HIGHEST VALUE IS	15.57508	AT (397038.26, 3767051.08, 105.89, 140.23, 0.00)	DC	
	10TH HIGHEST VALUE IS	15.56923	AT (397360.82, 3767189.11, 114.06, 149.27, 0.00)	DC	
ALL	1ST HIGHEST VALUE IS	18.39910	AT (397318.26, 3767131.08, 112.33, 149.01, 0.00)	DC	

```
          6TH HIGHEST VALUE IS      14.56502 AT (  396998.26,  3767091.08,
105.38,   142.19,    0.00)  DC
          7TH HIGHEST VALUE IS      14.46744 AT (  397022.98,  3767083.62,
105.68,   142.19,    0.00)  DC
          8TH HIGHEST VALUE IS      14.46744 AT (  397022.98,  3767083.62,
105.68,   142.19,    0.00)  DC
          9TH HIGHEST VALUE IS      14.41985 AT (  397350.82,  3767199.11,
114.28,   149.27,    0.00)  DC
         10TH HIGHEST VALUE IS      14.08050 AT (  397330.82,  3767209.11,
114.55,   149.27,    0.00)  DC

ALL       1ST HIGHEST VALUE IS      15.54743 AT (  397340.82,  3767189.11,
113.51,   149.27,    0.00)  DC
          2ND HIGHEST VALUE IS      15.48772 AT (  397350.82,  3767189.11,
113.73,   149.27,    0.00)  DC
          3RD HIGHEST VALUE IS      15.06211 AT (  397038.26,  3767051.08,
105.89,   140.23,    0.00)  DC
          4TH HIGHEST VALUE IS      15.00681 AT (  397318.26,  3767131.08,
112.33,   149.01,    0.00)  DC
          5TH HIGHEST VALUE IS      14.84699 AT (  397340.82,  3767199.11,
113.97,   149.27,    0.00)  DC
          6TH HIGHEST VALUE IS      14.56502 AT (  396998.26,  3767091.08,
105.38,   142.19,    0.00)  DC
          7TH HIGHEST VALUE IS      14.46744 AT (  397022.98,  3767083.62,
105.68,   142.19,    0.00)  DC
          8TH HIGHEST VALUE IS      14.46744 AT (  397022.98,  3767083.62,
105.68,   142.19,    0.00)  DC
          9TH HIGHEST VALUE IS      14.41985 AT (  397350.82,  3767199.11,
114.28,   149.27,    0.00)  DC
         10TH HIGHEST VALUE IS      14.08050 AT (  397330.82,  3767209.11,
114.55,   149.27,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Saturn Data
Center_Cons\Saturn Data Center_Cons ***        09/22/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:32:54

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 *** MODELOPTs:    CONC  ELEV  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
```

```
 A Total of            5 Warning Message(s)
 A Total of         1277 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          152 Calm Hours Identified

 A Total of         1125 Missing Hours Identified (  2.57 Percent)


    ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


    ********   WARNING MESSAGES   ********
 CO W361      26       COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2 require
MULTYEAR Opt
 ME W186     979       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     979       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
  15010101
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
2 year gap

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 9/19/2025
** File: C:\Lakes\AERMOD View\Saturn_PM2\Saturn_PM2.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Saturn Data Center_Cons\Saturn Data Center_Cons
   MODELOPT CONC
   AVERTIME 24 ANNUAL
   URBANOPT 9830000 Los_Angeles
   POLLUTID PM-2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL Saturn_PM2.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION EG01         POINT      397047.306  3767179.215      112.471
** DESCRSRC EG01
   LOCATION EG02         POINT      397058.994  3767182.562      112.471
** DESCRSRC EG02
   LOCATION EG03         POINT      397065.817  3767183.756      112.471
** DESCRSRC EG03
   LOCATION EG04         POINT      397077.261  3767187.083      112.471
** DESCRSRC EG04
   LOCATION EG05         POINT      397083.355  3767188.485      112.471
** DESCRSRC EG05
   LOCATION EG06         POINT      397095.396  3767191.888      112.471
** DESCRSRC EG06
   LOCATION EG07         POINT      397101.071  3767193.568      112.471
** DESCRSRC EG07
```

```
   LOCATION EG08         POINT      397112.728  3767196.954      112.471
** DESCRSRC EG08
   LOCATION EG09         POINT      397117.682  3767198.038      112.471
** DESCRSRC EG09
   LOCATION EG10         POINT      397130.989  3767201.046      112.471
** DESCRSRC EG10
   LOCATION EG11         POINT      397137.409  3767203.301      112.471
** DESCRSRC EG11
   LOCATION EG12         POINT      397148.441  3767206.617      112.471
** DESCRSRC EG12
   LOCATION EG13         POINT      397154.731  3767208.051      112.471
** DESCRSRC EG13
   LOCATION EG14         POINT      397166.615  3767211.117      112.471
** DESCRSRC EG14
   LOCATION EG15         POINT      397172.700  3767212.670      112.471
** DESCRSRC EG15
   LOCATION EG16         POINT      397184.130  3767216.150      112.471
** DESCRSRC EG16
   LOCATION EG17         POINT      397190.740  3767217.240      112.471
** DESCRSRC EG17
   LOCATION EG18         POINT      397202.170  3767220.970      112.471
** DESCRSRC EG18
   LOCATION EG19         POINT      397208.300  3767222.530      112.471
** DESCRSRC EG19
   LOCATION EG20         POINT      397220.080  3767225.660      112.471
** DESCRSRC EG20
   LOCATION EG21         POINT      397225.980  3767227.340      112.471
** DESCRSRC EG21
   LOCATION EG22         POINT      397237.640  3767229.990      112.471
** DESCRSRC EG22
   LOCATION EG23         POINT      397244.020  3767232.150      112.471
** DESCRSRC EG23
   LOCATION EG24         POINT      397256.040  3767235.040      112.471
** DESCRSRC EG24
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 10.20
** SZINIT = 4.74
** Nodes = 36
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** 396948.070, 3767160.170, 113.00, 5.10, 4.19
** 396963.820, 3767177.650, 113.00, 5.10, 4.19
** 397043.760, 3767097.460, 113.00, 5.10, 4.19
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   LOCATION L0000014     VOLUME   396962.064 3767175.702 113.00
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   LOCATION L0000016     VOLUME   396974.676 3767166.760 113.00
   LOCATION L0000017     VOLUME   396981.030 3767160.386 113.00
   LOCATION L0000018     VOLUME   396987.384 3767154.012 113.00
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LOCATION L0000022     VOLUME   397012.800 3767128.516 113.00
LOCATION L0000023     VOLUME   397019.154 3767122.142 113.00
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LOCATION L0000168     VOLUME   397148.729 3767213.607 113.00
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LOCATION L0000204     VOLUME   397167.224 3767243.996 113.00
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LOCATION L0000214     VOLUME   397191.439 3767247.030 113.00
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LOCATION L0000216     VOLUME   397202.537 3767232.859 113.00
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   LOCATION L0000282     VOLUME   397264.770 3767245.359 113.00
   LOCATION L0000283     VOLUME   397259.312 3767252.515 113.00
   LOCATION L0000284     VOLUME   397253.854 3767259.671 113.00
   LOCATION L0000285     VOLUME   397248.396 3767266.826 113.00
   LOCATION L0000286     VOLUME   397242.937 3767273.982 113.00
   LOCATION L0000287     VOLUME   397237.479 3767281.138 113.00
   LOCATION L0000288     VOLUME   397232.021 3767288.294 113.00
** End of LINE VOLUME Source ID = SLINE1
** Source Parameters **
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   SRCPARAM EG03           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG04           0.0073    14.326   756.483 32.6741244228888      0.61

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   SRCPARAM EG06           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG07           0.0073    14.326   756.483 32.6741244228888      0.61

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SRCPARAM L0000254     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000255     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000256     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000257     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000258     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000259     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000260     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000261     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000262     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000263     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000264     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000265     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000266     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000267     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000268     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000269     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000270     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000271     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000272     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000273     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000274     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000275     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000276     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000277     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000278     0.0034722222      5.10      4.19      4.74
SRCPARAM L0000279     0.0034722222      5.10      4.19      4.74
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   SRCPARAM L0000280     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000281     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000282     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000283     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000284     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000285     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000286     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000287     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000288     0.0034722222      5.10      4.19      4.74
** ------------------------------------------------------------------

** Building Downwash **
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG02            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG03            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG03            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG03            12.80    12.80    12.80    12.80    12.80    12.80
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   BUILDHGT EG03            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG03            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG04            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG04            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG04            12.80    12.80    12.80    12.80    12.80    12.80
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   BUILDHGT EG04            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG04            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG05            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG05            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG05            12.80    12.80    12.80    12.80    12.80    12.80
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   BUILDHGT EG05            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG05            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG06            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG06            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG06            12.80    12.80    12.80    12.80    12.80    12.80
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BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85

BUILDWID EG18 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG18 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG18 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG18 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG18 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG19 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG19 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG19 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG19 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG19 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG19 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG20 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG20 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG20 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG20 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG20 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG20 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG21 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG21 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG21 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG21 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG21 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG21 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG22 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG22 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG22 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG22 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG22 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG22 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG23 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG23 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG23 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG23 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG23 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG23 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG24 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG24 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG24 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG24 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG24 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG24 271.99 283.95 287.27 281.87 285.94 289.37

BUILDLEN EG01 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG01 281.87 285.94 289.37 284.00 270.01 247.81

BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81

BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG11	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG11	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG12	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG12	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG12	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG12	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG12	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG12	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG13	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG13	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG13	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG13	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG13	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG13	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG14	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG14	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG14	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG14	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG14	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG14	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG15	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG15	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG15	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG15	189.23	223.90	251.77	271.99	283.95	287.27

BUILDLEN EG15 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG15 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG16 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG16 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG16 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG16 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG16 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG16 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG17 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG17 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG17 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG17 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG17 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG17 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG18 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG18 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG18 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG18 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG18 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG18 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG19 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG19 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG19 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG19 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG19 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG19 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG20 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG20 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG20 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG20 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG20 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG20 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG21 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG21 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG21 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG21 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG21 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG21 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG22 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG22 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG22 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG22 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG22 281.87 285.94 289.37 284.00 270.01 247.81

BUILDLEN	EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87
XBADJ	EG02	-90.87	-89.77	-85.94	-79.50	-70.65	-59.65
XBADJ	EG02	-46.83	-41.50	-39.68	-36.65	-32.51	-27.38
XBADJ	EG02	-21.42	-14.81	-7.75	-0.45	-19.03	-59.60
XBADJ	EG02	-98.36	-134.13	-165.83	-192.49	-213.30	-227.63
XBADJ	EG02	-235.04	-244.44	-249.69	-247.35	-237.50	-220.43
XBADJ	EG02	-196.66	-166.92	-132.10	-93.27	-84.84	-89.21
XBADJ	EG03	-93.24	-93.23	-90.40	-84.81	-76.65	-66.16
XBADJ	EG03	-53.66	-48.44	-46.51	-43.17	-38.52	-32.70
XBADJ	EG03	-25.88	-18.28	-10.13	-1.66	-19.03	-58.40
XBADJ	EG03	-95.99	-130.67	-161.38	-187.18	-207.29	-221.11
XBADJ	EG03	-228.21	-237.51	-242.86	-240.83	-231.49	-215.11
XBADJ	EG03	-192.20	-163.45	-129.73	-92.07	-84.83	-90.41
XBADJ	EG04	-98.49	-100.27	-98.99	-94.71	-87.55	-77.73
XBADJ	EG04	-65.55	-60.28	-57.95	-53.86	-48.13	-40.95
XBADJ	EG04	-32.51	-23.09	-12.97	-2.45	-17.75	-55.08
XBADJ	EG04	-90.74	-123.64	-152.78	-177.28	-196.40	-209.54
XBADJ	EG04	-216.32	-225.66	-231.42	-230.14	-221.88	-206.87
XBADJ	EG04	-185.57	-158.64	-126.88	-91.27	-86.12	-93.73
XBADJ	EG05	-100.93	-103.67	-103.25	-99.70	-93.12	-83.70
XBADJ	EG05	-71.75	-66.52	-64.04	-59.61	-53.38	-45.52
XBADJ	EG05	-36.28	-25.94	-14.80	-3.22	-17.43	-53.68
XBADJ	EG05	-88.30	-120.24	-148.52	-172.29	-190.83	-203.57
XBADJ	EG05	-210.12	-219.42	-225.33	-224.39	-216.63	-202.29
XBADJ	EG05	-181.80	-155.79	-125.05	-90.50	-86.44	-95.13

XBADJ	EG06	-106.38	-110.99	-112.23	-110.06	-104.54	-95.84
XBADJ	EG06	-84.24	-78.98	-76.09	-70.89	-63.54	-54.25
XBADJ	EG06	-43.32	-31.07	-17.88	-4.14	-16.16	-50.27
XBADJ	EG06	-82.85	-112.91	-139.55	-161.94	-179.41	-191.43
XBADJ	EG06	-197.63	-206.96	-213.28	-213.12	-206.47	-193.56
XBADJ	EG06	-174.77	-150.66	-121.98	-89.59	-87.70	-98.54
XBADJ	EG07	-109.02	-114.51	-116.52	-114.99	-109.96	-101.60
XBADJ	EG07	-90.14	-84.85	-81.76	-76.18	-68.29	-58.32
XBADJ	EG07	-46.58	-33.43	-19.26	-4.50	-15.49	-48.59
XBADJ	EG07	-80.21	-109.40	-135.26	-157.01	-173.99	-185.68
XBADJ	EG07	-191.73	-201.09	-207.61	-207.82	-201.72	-189.49
XBADJ	EG07	-171.50	-148.30	-120.60	-89.23	-88.37	-100.22
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73
XBADJ	EG08	-53.34	-38.33	-22.16	-5.31	-14.19	-45.21
XBADJ	EG08	-74.86	-102.23	-126.50	-146.92	-162.88	-173.89
XBADJ	EG08	-179.62	-189.02	-195.95	-196.93	-191.92	-181.08
XBADJ	EG08	-164.74	-143.40	-117.69	-88.42	-89.68	-103.60
XBADJ	EG09	-116.31	-124.39	-128.69	-129.09	-125.56	-118.21
XBADJ	EG09	-107.28	-101.99	-98.37	-91.76	-82.37	-70.47
XBADJ	EG09	-56.43	-40.68	-23.69	-5.98	-13.97	-44.12
XBADJ	EG09	-72.92	-99.51	-123.08	-142.90	-158.39	-169.06
XBADJ	EG09	-174.59	-183.96	-191.00	-192.24	-187.64	-177.34
XBADJ	EG09	-161.65	-141.05	-116.16	-87.75	-89.89	-104.69
XBADJ	EG10	-121.58	-131.77	-137.96	-139.95	-137.69	-131.25
XBADJ	EG10	-120.82	-115.62	-111.68	-104.35	-93.85	-80.49
XBADJ	EG10	-64.69	-46.93	-27.74	-7.70	-13.32	-41.11
XBADJ	EG10	-67.65	-92.13	-113.82	-132.04	-146.26	-156.03
XBADJ	EG10	-161.06	-170.32	-177.69	-179.66	-176.16	-167.32
XBADJ	EG10	-153.39	-134.80	-112.11	-86.02	-90.54	-107.70
XBADJ	EG11	-124.91	-136.08	-143.11	-145.80	-144.05	-137.93
XBADJ	EG11	-127.62	-122.33	-118.10	-110.28	-99.11	-84.93
XBADJ	EG11	-68.17	-49.33	-29.00	-7.79	-12.22	-38.86
XBADJ	EG11	-64.32	-87.82	-108.66	-126.19	-139.89	-149.34
XBADJ	EG11	-154.25	-163.61	-171.27	-173.72	-170.90	-162.88
XBADJ	EG11	-149.92	-132.40	-110.85	-85.94	-91.65	-109.95
XBADJ	EG12	-130.10	-142.97	-151.50	-155.43	-154.64	-149.14
XBADJ	EG12	-139.12	-133.77	-129.13	-120.57	-108.34	-92.82
XBADJ	EG12	-74.48	-53.88	-31.64	-8.44	-10.87	-35.54
XBADJ	EG12	-59.13	-80.93	-100.27	-116.56	-129.31	-138.13
XBADJ	EG12	-142.75	-152.17	-160.24	-163.44	-161.67	-154.99
XBADJ	EG12	-143.60	-127.85	-108.21	-85.29	-93.00	-113.27

XBADJ	EG13	-132.60	-146.47	-155.89	-160.57	-160.38	-155.31
XBADJ	EG13	-145.52	-140.21	-135.42	-126.51	-113.76	-97.55
XBADJ	EG13	-78.38	-56.83	-33.55	-9.25	-10.55	-34.11
XBADJ	EG13	-56.63	-77.44	-95.89	-111.42	-123.57	-131.97
XBADJ	EG13	-136.35	-145.73	-153.95	-157.49	-156.25	-150.26
XBADJ	EG13	-139.70	-124.90	-106.31	-84.48	-93.32	-114.70
XBADJ	EG14	-137.69	-153.42	-164.49	-170.57	-171.46	-167.14
XBADJ	EG14	-157.74	-152.46	-147.31	-137.69	-123.88	-106.31
XBADJ	EG14	-85.51	-62.12	-36.83	-10.43	-9.59	-31.04
XBADJ	EG14	-51.55	-70.48	-87.28	-101.43	-112.49	-120.14
XBADJ	EG14	-124.13	-133.49	-142.06	-146.32	-146.13	-141.50
XBADJ	EG14	-132.57	-119.61	-103.02	-83.30	-94.27	-117.77
XBADJ	EG15	-140.27	-156.96	-168.87	-175.66	-177.11	-173.18
XBADJ	EG15	-163.98	-158.71	-153.39	-143.41	-129.07	-110.80
XBADJ	EG15	-89.18	-64.84	-38.53	-11.05	-9.12	-29.49
XBADJ	EG15	-48.96	-66.95	-82.90	-96.33	-106.84	-114.10
XBADJ	EG15	-117.89	-127.23	-135.98	-140.60	-140.94	-137.01
XBADJ	EG15	-128.91	-116.89	-101.32	-82.68	-94.75	-119.32
XBADJ	EG16	-145.68	-164.14	-177.60	-185.67	-188.10	-184.82
XBADJ	EG16	-175.92	-170.57	-164.82	-154.06	-138.62	-118.96
XBADJ	EG16	-95.69	-69.52	-41.23	-11.69	-7.68	-26.01
XBADJ	EG16	-43.55	-59.77	-74.17	-86.32	-95.84	-102.46
XBADJ	EG16	-105.96	-115.37	-124.55	-129.95	-131.39	-128.85
XBADJ	EG16	-122.39	-112.21	-98.62	-82.04	-96.19	-122.80
XBADJ	EG17	-147.90	-167.42	-181.85	-190.76	-193.87	-191.09
XBADJ	EG17	-182.50	-177.27	-171.43	-160.38	-144.46	-124.14
XBADJ	EG17	-100.06	-72.93	-43.59	-12.93	-7.75	-24.92
XBADJ	EG17	-41.33	-56.48	-69.92	-81.23	-90.08	-96.19
XBADJ	EG17	-99.37	-108.67	-117.94	-123.63	-125.55	-123.67
XBADJ	EG17	-118.03	-108.80	-96.26	-80.80	-96.11	-123.89
XBADJ	EG18	-153.56	-174.83	-190.80	-200.96	-205.02	-202.85
XBADJ	EG18	-194.52	-189.18	-182.86	-170.99	-153.92	-132.18
XBADJ	EG18	-106.42	-77.42	-46.08	-13.33	-6.06	-21.19
XBADJ	EG18	-35.67	-49.07	-60.98	-71.03	-78.93	-84.42
XBADJ	EG18	-87.36	-96.77	-106.51	-113.02	-116.09	-115.64
XBADJ	EG18	-111.67	-104.31	-93.78	-80.40	-97.80	-127.62
XBADJ	EG19	-156.16	-178.40	-195.21	-206.10	-210.72	-208.94
XBADJ	EG19	-200.81	-195.48	-188.99	-176.75	-159.15	-136.71
XBADJ	EG19	-110.11	-80.17	-47.79	-13.96	-5.59	-19.63
XBADJ	EG19	-33.07	-45.51	-56.56	-65.89	-73.23	-78.33
XBADJ	EG19	-81.06	-90.46	-100.38	-107.25	-110.86	-111.11
XBADJ	EG19	-107.97	-101.56	-92.06	-79.77	-98.27	-129.18
XBADJ	EG20	-161.29	-185.37	-203.81	-216.07	-221.76	-220.71

XBADJ	EG20	-212.95	-207.63	-200.77	-187.81	-169.15	-145.34
XBADJ	EG20	-117.12	-85.34	-50.97	-15.05	-4.56	-16.50
XBADJ	EG20	-27.94	-38.54	-47.96	-55.93	-62.19	-66.57
XBADJ	EG20	-68.92	-78.31	-88.60	-96.19	-100.86	-102.47
XBADJ	EG20	-100.96	-96.39	-88.88	-78.68	-99.31	-132.31
XBADJ	EG21	-163.97	-188.96	-208.22	-221.15	-227.36	-226.66
XBADJ	EG21	-219.07	-213.73	-206.67	-193.33	-174.12	-149.61
XBADJ	EG21	-120.56	-87.85	-52.46	-15.49	-3.93	-14.82
XBADJ	EG21	-25.26	-34.94	-43.55	-50.85	-56.59	-60.62
XBADJ	EG21	-62.80	-72.21	-82.70	-90.67	-95.89	-98.20
XBADJ	EG21	-97.52	-93.88	-87.39	-78.24	-99.94	-133.99
XBADJ	EG22	-168.60	-195.44	-216.34	-230.67	-237.99	-238.08
XBADJ	EG22	-230.93	-225.67	-218.33	-204.35	-184.17	-158.38
XBADJ	EG22	-127.79	-93.31	-56.00	-16.99	-3.34	-12.17
XBADJ	EG22	-20.63	-28.46	-35.43	-41.32	-45.96	-49.20
XBADJ	EG22	-50.94	-60.27	-71.04	-79.65	-85.84	-89.43
XBADJ	EG22	-90.29	-88.42	-83.85	-76.74	-100.53	-136.64
XBADJ	EG23	-171.84	-199.65	-221.40	-236.43	-244.27	-244.68
XBADJ	EG23	-237.67	-232.33	-224.71	-210.26	-189.42	-162.83
XBADJ	EG23	-131.29	-95.76	-57.32	-17.14	-2.32	-10.01
XBADJ	EG23	-17.39	-24.25	-30.37	-35.57	-39.68	-42.59
XBADJ	EG23	-44.21	-53.61	-64.66	-73.74	-80.59	-84.98
XBADJ	EG23	-86.79	-85.97	-82.53	-76.59	-101.55	-138.80
XBADJ	EG24	-176.77	-206.48	-229.92	-246.37	-255.33	-256.54
XBADJ	EG24	-249.95	-244.67	-236.73	-221.60	-199.73	-171.79
XBADJ	EG24	-138.64	-101.27	-60.83	-18.53	-1.56	-7.12
XBADJ	EG24	-12.46	-17.42	-21.86	-25.62	-28.62	-30.74
XBADJ	EG24	-31.92	-41.27	-52.64	-62.41	-70.28	-76.02
XBADJ	EG24	-79.44	-80.46	-79.03	-75.19	-102.30	-141.69
YBADJ	EG01	-116.27	-112.33	-104.97	-94.42	-81.00	-65.12
YBADJ	EG01	-47.27	-31.64	-11.46	9.06	29.31	48.68
YBADJ	EG01	66.56	82.42	95.77	106.22	113.55	116.68
YBADJ	EG01	116.27	112.33	104.97	94.42	81.00	65.12
YBADJ	EG01	47.27	31.64	11.46	-9.06	-29.31	-48.68
YBADJ	EG01	-66.56	-82.42	-95.77	-106.22	-113.55	-116.69
YBADJ	EG02	-105.35	-102.49	-96.52	-87.62	-76.05	-62.18
YBADJ	EG02	-46.41	-32.91	-14.80	3.75	22.18	39.94
YBADJ	EG02	56.49	71.32	83.99	94.10	101.47	105.01
YBADJ	EG02	105.35	102.49	96.52	87.62	76.05	62.18
YBADJ	EG02	46.41	32.91	14.80	-3.75	-22.18	-39.94
YBADJ	EG02	-56.49	-71.32	-83.99	-94.10	-101.47	-105.01
YBADJ	EG03	-98.83	-96.49	-91.21	-83.16	-72.58	-59.80
YBADJ	EG03	-45.20	-32.90	-16.00	1.38	18.72	35.49

YBADJ	EG03	51.18	65.32	77.47	87.27	94.54	98.18
YBADJ	EG03	98.83	96.49	91.21	83.16	72.58	59.80
YBADJ	EG03	45.20	32.90	16.00	-1.38	-18.72	-35.49
YBADJ	EG03	-51.18	-65.32	-77.47	-87.27	-94.54	-98.18
YBADJ	EG04	-88.14	-86.87	-82.96	-76.53	-67.77	-56.96
YBADJ	EG04	-44.41	-34.18	-19.32	-3.88	11.69	26.89
YBADJ	EG04	41.29	54.42	65.91	75.39	82.69	86.74
YBADJ	EG04	88.14	86.87	82.96	76.53	67.77	56.96
YBADJ	EG04	44.41	34.18	19.32	3.88	-11.69	-26.89
YBADJ	EG04	-41.29	-54.42	-65.91	-75.39	-82.69	-86.74
YBADJ	EG05	-82.39	-81.63	-78.39	-72.76	-64.93	-55.12
YBADJ	EG05	-43.64	-34.51	-20.72	-6.32	8.29	22.64
YBADJ	EG05	36.30	48.86	59.93	69.19	76.45	80.65
YBADJ	EG05	82.39	81.63	78.39	72.76	64.93	55.12
YBADJ	EG05	43.64	34.51	20.72	6.32	-8.29	-22.64
YBADJ	EG05	-36.30	-48.86	-59.93	-69.19	-76.45	-80.65
YBADJ	EG06	-71.11	-71.47	-69.65	-65.72	-59.80	-52.05
YBADJ	EG06	-42.72	-35.77	-24.13	-11.77	0.96	13.66
YBADJ	EG06	25.94	37.44	47.79	56.70	63.99	68.60
YBADJ	EG06	71.11	71.47	69.65	65.72	59.80	52.05
YBADJ	EG06	42.72	35.77	24.13	11.77	-0.96	-13.66
YBADJ	EG06	-25.94	-37.44	-47.79	-56.70	-63.99	-68.60
YBADJ	EG07	-65.82	-66.72	-65.58	-62.46	-57.44	-50.67
YBADJ	EG07	-42.36	-36.44	-25.81	-14.40	-2.56	9.37
YBADJ	EG07	21.01	32.01	42.04	50.79	58.12	62.93
YBADJ	EG07	65.82	66.72	65.58	62.46	57.44	50.67
YBADJ	EG07	42.36	36.44	25.81	14.40	2.56	-9.37
YBADJ	EG07	-21.01	-32.01	-42.04	-50.79	-58.12	-62.93
YBADJ	EG08	-54.92	-56.92	-57.18	-55.70	-52.53	-47.77
YBADJ	EG08	-41.55	-37.74	-29.19	-19.76	-9.72	0.61
YBADJ	EG08	10.93	20.91	30.25	38.68	46.05	51.27
YBADJ	EG08	54.92	56.92	57.18	55.70	52.53	47.77
YBADJ	EG08	41.55	37.74	29.19	19.76	9.72	-0.61
YBADJ	EG08	-10.93	-20.91	-30.25	-38.68	-46.05	-51.27
YBADJ	EG09	-50.24	-52.64	-53.43	-52.61	-50.19	-46.24
YBADJ	EG09	-40.88	-37.96	-30.28	-21.69	-12.44	-2.81
YBADJ	EG09	6.91	16.41	25.42	33.66	40.98	46.32
YBADJ	EG09	50.24	52.64	53.43	52.61	50.19	46.24
YBADJ	EG09	40.88	37.96	30.28	21.69	12.44	2.81
YBADJ	EG09	-6.91	-16.41	-25.42	-33.66	-40.98	-46.32
YBADJ	EG10	-37.65	-41.16	-43.41	-44.35	-43.94	-42.19
YBADJ	EG10	-39.16	-38.61	-33.29	-26.97	-19.82	-12.07
YBADJ	EG10	-3.95	4.28	12.39	20.12	27.35	33.01

YBADJ	EG10	37.65	41.16	43.41	44.35	43.94	42.19
YBADJ	EG10	39.16	38.61	33.29	26.97	19.82	12.07
YBADJ	EG10	3.95	-4.28	-12.39	-20.12	-27.35	-33.01
YBADJ	EG11	-31.72	-35.90	-38.98	-40.88	-41.53	-40.93
YBADJ	EG11	-39.08	-39.71	-35.54	-30.30	-24.13	-17.23
YBADJ	EG11	-9.80	-2.08	5.71	13.32	20.64	26.59
YBADJ	EG11	31.72	35.90	38.98	40.88	41.53	40.93
YBADJ	EG11	39.08	39.71	35.54	30.30	24.13	17.23
YBADJ	EG11	9.80	2.08	-5.71	-13.32	-20.64	-26.59
YBADJ	EG12	-21.44	-26.67	-31.09	-34.56	-36.99	-38.29
YBADJ	EG12	-38.43	-41.07	-38.86	-35.48	-31.02	-25.62
YBADJ	EG12	-19.44	-12.66	-5.51	1.82	9.20	15.56
YBADJ	EG12	21.44	26.67	31.09	34.56	36.99	38.29
YBADJ	EG12	38.43	41.07	38.86	35.48	31.02	25.62
YBADJ	EG12	19.44	12.66	5.51	-1.82	-9.20	-15.56
YBADJ	EG13	-15.49	-21.24	-26.35	-30.66	-34.04	-36.38
YBADJ	EG13	-37.62	-41.38	-40.30	-37.98	-34.52	-30.00
YBADJ	EG13	-24.57	-18.40	-11.67	-4.58	2.76	9.27
YBADJ	EG13	15.49	21.24	26.35	30.66	34.04	36.38
YBADJ	EG13	37.62	41.38	40.29	37.98	34.52	30.00
YBADJ	EG13	24.57	18.40	11.67	4.58	-2.76	-9.27
YBADJ	EG14	-4.31	-11.12	-17.59	-23.53	-28.75	-33.09
YBADJ	EG14	-36.44	-42.34	-43.37	-43.07	-41.47	-38.61
YBADJ	EG14	-34.57	-29.48	-23.50	-16.81	-9.48	-2.62
YBADJ	EG14	4.31	11.12	17.59	23.53	28.75	33.09
YBADJ	EG14	36.44	42.34	43.37	43.07	41.47	38.61
YBADJ	EG14	34.57	29.48	23.50	16.81	9.48	2.62
YBADJ	EG15	1.40	-5.94	-13.10	-19.87	-26.03	-31.40
YBADJ	EG15	-35.81	-42.81	-44.92	-45.65	-45.00	-42.99
YBADJ	EG15	-39.66	-35.14	-29.54	-23.05	-15.74	-8.70
YBADJ	EG15	-1.40	5.94	13.10	19.87	26.03	31.40
YBADJ	EG15	35.81	42.81	44.92	45.65	45.00	42.99
YBADJ	EG15	39.66	35.14	29.54	23.05	15.74	8.70
YBADJ	EG16	12.06	3.61	-4.94	-13.35	-21.35	-28.70
YBADJ	EG16	-35.17	-44.25	-48.40	-51.07	-52.18	-51.72
YBADJ	EG16	-49.68	-46.13	-41.18	-34.98	-27.60	-20.13
YBADJ	EG16	-12.06	-3.61	4.94	13.35	21.35	28.70
YBADJ	EG16	35.17	44.25	48.40	51.07	52.18	51.72
YBADJ	EG16	49.68	46.13	41.18	34.98	27.60	20.13
YBADJ	EG17	18.38	9.45	0.24	-8.98	-17.93	-26.33
YBADJ	EG17	-33.94	-44.18	-49.49	-53.29	-55.47	-55.97
YBADJ	EG17	-54.76	-51.89	-47.45	-41.56	-34.30	-26.74
YBADJ	EG17	-18.38	-9.45	-0.24	8.98	17.93	26.33

YBADJ	EG17	33.94	44.18	49.49	53.29	55.47	55.97
YBADJ	EG17	54.76	51.89	47.45	41.56	34.30	26.74
YBADJ	EG18	28.99	18.92	8.27	-2.63	-13.44	-23.85
YBADJ	EG18	-33.53	-45.87	-53.22	-58.94	-62.88	-64.91
YBADJ	EG18	-64.97	-63.05	-59.21	-53.58	-46.20	-38.17
YBADJ	EG18	-28.99	-18.92	-8.27	2.63	13.44	23.85
YBADJ	EG18	33.53	45.87	53.22	58.94	62.88	64.91
YBADJ	EG18	64.97	63.05	59.21	53.58	46.20	38.17
YBADJ	EG19	34.75	24.14	12.80	1.07	-10.70	-22.14
YBADJ	EG19	-32.90	-46.34	-54.78	-61.55	-66.45	-69.33
YBADJ	EG19	-70.10	-68.75	-65.30	-59.87	-52.51	-44.30
YBADJ	EG19	-34.75	-24.14	-12.80	-1.07	10.70	22.14
YBADJ	EG19	32.90	46.34	54.78	61.55	66.45	69.33
YBADJ	EG19	70.10	68.75	65.30	59.87	52.51	44.30
YBADJ	EG20	45.81	34.14	21.44	8.08	-5.52	-18.96
YBADJ	EG20	-31.81	-47.38	-57.91	-66.67	-73.42	-77.93
YBADJ	EG20	-80.07	-79.78	-77.07	-72.01	-64.66	-56.08
YBADJ	EG20	-45.81	-34.14	-21.44	-8.08	5.52	18.96
YBADJ	EG20	31.81	47.38	57.91	66.67	73.42	77.93
YBADJ	EG20	80.07	79.78	77.07	72.01	64.66	56.08
YBADJ	EG21	51.33	39.11	25.71	11.52	-3.02	-17.46
YBADJ	EG21	-31.38	-48.01	-59.59	-69.35	-77.01	-82.33
YBADJ	EG21	-85.15	-85.38	-83.02	-78.13	-70.76	-61.98
YBADJ	EG21	-51.33	-39.11	-25.71	-11.52	3.02	17.46
YBADJ	EG21	31.38	48.01	59.59	69.35	77.01	82.33
YBADJ	EG21	85.15	85.38	83.02	78.13	70.76	61.98
YBADJ	EG22	62.35	49.16	34.48	18.75	2.45	-13.93
YBADJ	EG22	-29.88	-48.59	-62.24	-73.99	-83.49	-90.46
YBADJ	EG22	-94.68	-96.02	-94.44	-90.00	-82.70	-73.64
YBADJ	EG22	-62.35	-49.16	-34.48	-18.75	-2.45	13.93
YBADJ	EG22	29.88	48.59	62.24	73.99	83.49	90.46
YBADJ	EG22	94.68	96.02	94.44	90.00	82.70	73.64
YBADJ	EG23	68.26	54.42	38.92	22.25	4.89	-12.61
YBADJ	EG23	-29.73	-49.61	-64.40	-77.22	-87.70	-95.52
YBADJ	EG23	-100.43	-102.29	-101.05	-96.73	-89.36	-80.02
YBADJ	EG23	-68.26	-54.42	-38.92	-22.25	-4.89	12.61
YBADJ	EG23	29.73	49.61	64.40	77.22	87.70	95.52
YBADJ	EG23	100.43	102.29	101.05	96.73	89.36	80.02
YBADJ	EG24	79.59	64.72	47.89	29.60	10.41	-9.10
YBADJ	EG24	-28.33	-50.37	-67.29	-82.16	-94.53	-104.03
YBADJ	EG24	-110.37	-113.36	-112.90	-109.01	-101.70	-92.04
YBADJ	EG24	-79.59	-64.72	-47.89	-29.60	-10.41	9.10
YBADJ	EG24	28.33	50.37	67.29	82.16	94.53	104.03

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   YBADJ    EG24           110.37   113.36   112.90   109.01   101.70    92.04

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG02         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG02         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG03         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG03         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG04         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG04         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG05         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG05         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG06         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG06         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG07         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG07         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG09         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG09         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG10         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG10         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG11         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG11         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG12         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG12         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG13         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG13         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG14         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG14         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG15         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG15         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG16         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG16         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG17         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG17         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG18         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG18         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG19         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG19         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG20         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG20         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG21         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG21         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG22         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG22         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG23         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG23         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP Generato EG01 EG02 EG03 EG04 EG05 EG06 EG07 EG08 EG09 EG10 EG11
   SRCGROUP Generato EG12 EG13 EG14 EG15 EG16 EG17 EG18 EG19 EG20 EG21 EG22
   SRCGROUP Generato EG23 EG24
   SRCGROUP area     L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
   SRCGROUP area     L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
   SRCGROUP area     L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
   SRCGROUP area     L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
   SRCGROUP area     L0000025 L0000026 L0000027 L0000028 L0000029 L0000030
   SRCGROUP area     L0000031 L0000032 L0000033 L0000034 L0000035 L0000036
   SRCGROUP area     L0000037 L0000038 L0000039 L0000040 L0000041 L0000042
   SRCGROUP area     L0000043 L0000044 L0000045 L0000046 L0000047 L0000048
   SRCGROUP area     L0000049 L0000050 L0000051 L0000052 L0000053 L0000054
   SRCGROUP area     L0000055 L0000056 L0000057 L0000058 L0000059 L0000060
   SRCGROUP area     L0000061 L0000062 L0000063 L0000064 L0000065 L0000066
   SRCGROUP area     L0000067 L0000068 L0000069 L0000070 L0000071 L0000072
   SRCGROUP area     L0000073 L0000074 L0000075 L0000076 L0000077 L0000078
   SRCGROUP area     L0000079 L0000080 L0000081 L0000082 L0000083 L0000084
   SRCGROUP area     L0000085 L0000086 L0000087 L0000088 L0000089 L0000090
   SRCGROUP area     L0000091 L0000092 L0000093 L0000094 L0000095 L0000096
   SRCGROUP area     L0000097 L0000098 L0000099 L0000100 L0000101 L0000102
   SRCGROUP area     L0000103 L0000104 L0000105 L0000106 L0000107 L0000108
   SRCGROUP area     L0000109 L0000110 L0000111 L0000112 L0000113 L0000114
   SRCGROUP area     L0000115 L0000116 L0000117 L0000118 L0000119 L0000120
   SRCGROUP area     L0000121 L0000122 L0000123 L0000124 L0000125 L0000126
   SRCGROUP area     L0000127 L0000128 L0000129 L0000130 L0000131 L0000132
   SRCGROUP area     L0000133 L0000134 L0000135 L0000136 L0000137 L0000138
   SRCGROUP area     L0000139 L0000140 L0000141 L0000142 L0000143 L0000144
   SRCGROUP area     L0000145 L0000146 L0000147 L0000148 L0000149 L0000150
   SRCGROUP area     L0000151 L0000152 L0000153 L0000154 L0000155 L0000156
   SRCGROUP area     L0000157 L0000158 L0000159 L0000160 L0000161 L0000162
   SRCGROUP area     L0000163 L0000164 L0000165 L0000166 L0000167 L0000168
   SRCGROUP area     L0000169 L0000170 L0000171 L0000172 L0000173 L0000174
   SRCGROUP area     L0000175 L0000176 L0000177 L0000178 L0000179 L0000180
   SRCGROUP area     L0000181 L0000182 L0000183 L0000184 L0000185 L0000186
```

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   SRCGROUP area     L0000187 L0000188 L0000189 L0000190 L0000191 L0000192
   SRCGROUP area     L0000193 L0000194 L0000195 L0000196 L0000197 L0000198
   SRCGROUP area     L0000199 L0000200 L0000201 L0000202 L0000203 L0000204
   SRCGROUP area     L0000205 L0000206 L0000207 L0000208 L0000209 L0000210
   SRCGROUP area     L0000211 L0000212 L0000213 L0000214 L0000215 L0000216
   SRCGROUP area     L0000217 L0000218 L0000219 L0000220 L0000221 L0000222
   SRCGROUP area     L0000223 L0000224 L0000225 L0000226 L0000227 L0000228
   SRCGROUP area     L0000229 L0000230 L0000231 L0000232 L0000233 L0000234
   SRCGROUP area     L0000235 L0000236 L0000237 L0000238 L0000239 L0000240
   SRCGROUP area     L0000241 L0000242 L0000243 L0000244 L0000245 L0000246
   SRCGROUP area     L0000247 L0000248 L0000249 L0000250 L0000251 L0000252
   SRCGROUP area     L0000253 L0000254 L0000255 L0000256 L0000257 L0000258
   SRCGROUP area     L0000259 L0000260 L0000261 L0000262 L0000263 L0000264
   SRCGROUP area     L0000265 L0000266 L0000267 L0000268 L0000269 L0000270
   SRCGROUP area     L0000271 L0000272 L0000273 L0000274 L0000275 L0000276
   SRCGROUP area     L0000277 L0000278 L0000279 L0000280 L0000281 L0000282
   SRCGROUP area     L0000283 L0000284 L0000285 L0000286 L0000287 L0000288
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Saturn_PM2.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
** Surface File Path: C:\Lakes\AERMOD View\Saturn_PM2\PICO_V9_ADJU\
   SURFFILE PICO_V9_ADJU\PICO_v9.SFC
** Profile File Path: C:\Lakes\AERMOD View\Saturn_PM2\PICO_V9_ADJU\
   PROFFILE PICO_V9_ADJU\PICO_v9.PFL
   SURFDATA 3166 2010 Pico
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
```

```
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 24 1ST 8TH
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "C:\Lakes\AERMOD View\Saturn_PM2\SATURN_PM2.AD\24H1GALL.PLT"
31
   PLOTFILE 24 Generato 1ST "C:\Lakes\AERMOD
View\Saturn_PM2\SATURN_PM2.AD\24H1G001.PLT" 32
   PLOTFILE 24 area 1ST "C:\Lakes\AERMOD
View\Saturn_PM2\SATURN_PM2.AD\24H1G002.PLT" 33
   PLOTFILE 24 ALL 8TH "C:\Lakes\AERMOD View\Saturn_PM2\SATURN_PM2.AD\24H8GALL.PLT"
34
   PLOTFILE 24 Generato 8TH "C:\Lakes\AERMOD
View\Saturn_PM2\SATURN_PM2.AD\24H8G001.PLT" 35
   PLOTFILE 24 area 8TH "C:\Lakes\AERMOD
View\Saturn_PM2\SATURN_PM2.AD\24H8G002.PLT" 36
   PLOTFILE ANNUAL ALL "C:\Lakes\AERMOD View\Saturn_PM2\SATURN_PM2.AD\AN00GALL.PLT"
37
   PLOTFILE ANNUAL Generato "C:\Lakes\AERMOD
View\Saturn_PM2\SATURN_PM2.AD\AN00G001.PLT" 38
   PLOTFILE ANNUAL area "C:\Lakes\AERMOD
View\Saturn_PM2\SATURN_PM2.AD\AN00G002.PLT" 39
   SUMMFILE "C:\Lakes\AERMOD View\Saturn_PM2\Saturn_PM2.sum"
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
```

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 9/19/2025
** FILE: C:\LAKES\AERMOD VIEW\SATURN_PM2\SATURN_PM2.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\LAKES\AERMOD VIEW\SATURN DATA CENTER_CONS\SATURN DATA CENTER_CONS
   MODELOPT CONC
   AVERTIME 24 ANNUAL
   URBANOPT 9830000 LOS_ANGELES
   POLLUTID PM-2.5
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL SATURN_PM2.ERR
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
   LOCATION EG01         POINT      397047.306  3767179.215      112.471
** DESCRSRC EG01
   LOCATION EG02         POINT      397058.994  3767182.562      112.471
** DESCRSRC EG02
   LOCATION EG03         POINT      397065.817  3767183.756      112.471
** DESCRSRC EG03
   LOCATION EG04         POINT      397077.261  3767187.083      112.471
** DESCRSRC EG04
   LOCATION EG05         POINT      397083.355  3767188.485      112.471
** DESCRSRC EG05
   LOCATION EG06         POINT      397095.396  3767191.888      112.471
** DESCRSRC EG06
   LOCATION EG07         POINT      397101.071  3767193.568      112.471
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** DESCRSRC EG07
   LOCATION EG08         POINT      397112.728  3767196.954      112.471
** DESCRSRC EG08
   LOCATION EG09         POINT      397117.682  3767198.038      112.471
** DESCRSRC EG09
   LOCATION EG10         POINT      397130.989  3767201.046      112.471
** DESCRSRC EG10
   LOCATION EG11         POINT      397137.409  3767203.301      112.471
** DESCRSRC EG11
   LOCATION EG12         POINT      397148.441  3767206.617      112.471
** DESCRSRC EG12
   LOCATION EG13         POINT      397154.731  3767208.051      112.471
** DESCRSRC EG13
   LOCATION EG14         POINT      397166.615  3767211.117      112.471
** DESCRSRC EG14
   LOCATION EG15         POINT      397172.700  3767212.670      112.471
** DESCRSRC EG15
   LOCATION EG16         POINT      397184.130  3767216.150      112.471
** DESCRSRC EG16
   LOCATION EG17         POINT      397190.740  3767217.240      112.471
** DESCRSRC EG17
   LOCATION EG18         POINT      397202.170  3767220.970      112.471
** DESCRSRC EG18
   LOCATION EG19         POINT      397208.300  3767222.530      112.471
** DESCRSRC EG19
   LOCATION EG20         POINT      397220.080  3767225.660      112.471
** DESCRSRC EG20
   LOCATION EG21         POINT      397225.980  3767227.340      112.471
** DESCRSRC EG21
   LOCATION EG22         POINT      397237.640  3767229.990      112.471
** DESCRSRC EG22
   LOCATION EG23         POINT      397244.020  3767232.150      112.471
** DESCRSRC EG23
   LOCATION EG24         POINT      397256.040  3767235.040      112.471
** DESCRSRC EG24
** --------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 9.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 10.20
** SZINIT = 4.74
** NODES = 36
** 397021.700, 3767091.630, 113.00, 5.10, 4.19
** 396948.070, 3767160.170, 113.00, 5.10, 4.19
** 396963.820, 3767177.650, 113.00, 5.10, 4.19
** 397043.760, 3767097.460, 113.00, 5.10, 4.19
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** 397056.240, 3767105.780, 113.00, 5.10, 4.19
** 396975.980, 3767189.760, 113.00, 5.10, 4.19
** 396991.320, 3767203.160, 113.00, 5.10, 4.19
** 397077.470, 3767110.360, 113.00, 5.10, 4.19
** 397097.860, 3767115.350, 113.00, 5.10, 4.19
** 397005.060, 3767214.820, 113.00, 5.10, 4.19
** 397023.370, 3767223.550, 113.00, 5.10, 4.19
** 397115.750, 3767122.840, 113.00, 5.10, 4.19
** 397135.310, 3767127.840, 113.00, 5.10, 4.19
** 397047.660, 3767221.200, 113.00, 5.10, 4.19
** 397070.390, 3767227.910, 113.00, 5.10, 4.19
** 397149.880, 3767133.660, 113.00, 5.10, 4.19
** 397166.940, 3767137.830, 113.00, 5.10, 4.19
** 397089.370, 3767230.480, 113.00, 5.10, 4.19
** 397113.910, 3767235.950, 113.00, 5.10, 4.19
** 397181.920, 3767144.070, 113.00, 5.10, 4.19
** 397201.900, 3767147.810, 113.00, 5.10, 4.19
** 397126.690, 3767240.880, 113.00, 5.10, 4.19
** 397136.380, 3767248.250, 113.00, 5.10, 4.19
** 397138.940, 3767258.350, 113.00, 5.10, 4.19
** 397217.710, 3767153.640, 113.00, 5.10, 4.19
** 397240.180, 3767158.630, 113.00, 5.10, 4.19
** 397150.180, 3767263.940, 113.00, 5.10, 4.19
** 397165.830, 3767279.730, 113.00, 5.10, 4.19
** 397260.990, 3767158.220, 113.00, 5.10, 4.19
** 397280.550, 3767164.040, 113.00, 5.10, 4.19
** 397174.020, 3767288.680, 113.00, 5.10, 4.19
** 397189.460, 3767297.190, 113.00, 5.10, 4.19
** 397198.980, 3767300.960, 113.00, 5.10, 4.19
** 397303.710, 3767164.620, 113.00, 5.10, 4.19
** 397322.670, 3767169.450, 113.00, 5.10, 4.19
** 397227.440, 3767294.300, 113.00, 5.10, 4.19
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   LOCATION L0000001     VOLUME   397018.406 3767094.696 113.00
   LOCATION L0000002     VOLUME   397011.819 3767100.828 113.00
   LOCATION L0000003     VOLUME   397005.231 3767106.960 113.00
   LOCATION L0000004     VOLUME   396998.643 3767113.093 113.00
   LOCATION L0000005     VOLUME   396992.056 3767119.225 113.00
   LOCATION L0000006     VOLUME   396985.468 3767125.357 113.00
   LOCATION L0000007     VOLUME   396978.881 3767131.489 113.00
   LOCATION L0000008     VOLUME   396972.293 3767137.621 113.00
   LOCATION L0000009     VOLUME   396965.706 3767143.754 113.00
   LOCATION L0000010     VOLUME   396959.118 3767149.886 113.00
   LOCATION L0000011     VOLUME   396952.530 3767156.018 113.00
   LOCATION L0000012     VOLUME   396950.015 3767162.329 113.00
   LOCATION L0000013     VOLUME   396956.040 3767169.015 113.00
   LOCATION L0000014     VOLUME   396962.064 3767175.702 113.00
   LOCATION L0000015     VOLUME   396968.322 3767173.134 113.00
   LOCATION L0000016     VOLUME   396974.676 3767166.760 113.00
   LOCATION L0000017     VOLUME   396981.030 3767160.386 113.00
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LOCATION L0000018     VOLUME   396987.384 3767154.012 113.00
LOCATION L0000019     VOLUME   396993.738 3767147.638 113.00
LOCATION L0000020     VOLUME   397000.092 3767141.264 113.00
LOCATION L0000021     VOLUME   397006.446 3767134.890 113.00
LOCATION L0000022     VOLUME   397012.800 3767128.516 113.00
LOCATION L0000023     VOLUME   397019.154 3767122.142 113.00
LOCATION L0000024     VOLUME   397025.509 3767115.769 113.00
LOCATION L0000025     VOLUME   397031.863 3767109.395 113.00
LOCATION L0000026     VOLUME   397038.217 3767103.021 113.00
LOCATION L0000027     VOLUME   397044.715 3767098.097 113.00
LOCATION L0000028     VOLUME   397052.204 3767103.089 113.00
LOCATION L0000029     VOLUME   397053.373 3767108.779 113.00
LOCATION L0000030     VOLUME   397047.155 3767115.286 113.00
LOCATION L0000031     VOLUME   397040.937 3767121.792 113.00
LOCATION L0000032     VOLUME   397034.719 3767128.299 113.00
LOCATION L0000033     VOLUME   397028.501 3767134.805 113.00
LOCATION L0000034     VOLUME   397022.282 3767141.312 113.00
LOCATION L0000035     VOLUME   397016.064 3767147.818 113.00
LOCATION L0000036     VOLUME   397009.846 3767154.325 113.00
LOCATION L0000037     VOLUME   397003.628 3767160.831 113.00
LOCATION L0000038     VOLUME   396997.409 3767167.337 113.00
LOCATION L0000039     VOLUME   396991.191 3767173.844 113.00
LOCATION L0000040     VOLUME   396984.973 3767180.350 113.00
LOCATION L0000041     VOLUME   396978.755 3767186.857 113.00
LOCATION L0000042     VOLUME   396979.734 3767193.039 113.00
LOCATION L0000043     VOLUME   396986.512 3767198.960 113.00
LOCATION L0000044     VOLUME   396993.099 3767201.243 113.00
LOCATION L0000045     VOLUME   396999.223 3767194.647 113.00
LOCATION L0000046     VOLUME   397005.346 3767188.051 113.00
LOCATION L0000047     VOLUME   397011.469 3767181.455 113.00
LOCATION L0000048     VOLUME   397017.592 3767174.860 113.00
LOCATION L0000049     VOLUME   397023.716 3767168.264 113.00
LOCATION L0000050     VOLUME   397029.839 3767161.668 113.00
LOCATION L0000051     VOLUME   397035.962 3767155.072 113.00
LOCATION L0000052     VOLUME   397042.085 3767148.476 113.00
LOCATION L0000053     VOLUME   397048.209 3767141.880 113.00
LOCATION L0000054     VOLUME   397054.332 3767135.284 113.00
LOCATION L0000055     VOLUME   397060.455 3767128.688 113.00
LOCATION L0000056     VOLUME   397066.578 3767122.092 113.00
LOCATION L0000057     VOLUME   397072.702 3767115.496 113.00
LOCATION L0000058     VOLUME   397079.404 3767110.833 113.00
LOCATION L0000059     VOLUME   397088.146 3767112.973 113.00
LOCATION L0000060     VOLUME   397096.888 3767115.112 113.00
LOCATION L0000061     VOLUME   397092.403 3767121.199 113.00
LOCATION L0000062     VOLUME   397086.263 3767127.780 113.00
LOCATION L0000063     VOLUME   397080.124 3767134.361 113.00
LOCATION L0000064     VOLUME   397073.984 3767140.942 113.00
LOCATION L0000065     VOLUME   397067.845 3767147.522 113.00
LOCATION L0000066     VOLUME   397061.705 3767154.103 113.00
LOCATION L0000067     VOLUME   397055.566 3767160.684 113.00
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LOCATION L0000068     VOLUME   397049.426 3767167.265 113.00
LOCATION L0000069     VOLUME   397043.287 3767173.846 113.00
LOCATION L0000070     VOLUME   397037.147 3767180.426 113.00
LOCATION L0000071     VOLUME   397031.008 3767187.007 113.00
LOCATION L0000072     VOLUME   397024.868 3767193.588 113.00
LOCATION L0000073     VOLUME   397018.729 3767200.169 113.00
LOCATION L0000074     VOLUME   397012.589 3767206.749 113.00
LOCATION L0000075     VOLUME   397006.450 3767213.330 113.00
LOCATION L0000076     VOLUME   397011.345 3767217.816 113.00
LOCATION L0000077     VOLUME   397019.469 3767221.690 113.00
LOCATION L0000078     VOLUME   397026.532 3767220.103 113.00
LOCATION L0000079     VOLUME   397032.616 3767213.470 113.00
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LOCATION L0000086     VOLUME   397075.202 3767167.044 113.00
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LOCATION L0000115     VOLUME   397089.132 3767205.688 113.00
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LOCATION L0000117     VOLUME   397100.736 3767191.929 113.00
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** END OF LINE VOLUME SOURCE ID = SLINE1
** SOURCE PARAMETERS **
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   SRCPARAM EG02            0.0073    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG03            0.0073    14.326   756.483 32.6741244228888      0.61
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   SRCPARAM EG12            0.0073    14.326   756.483 32.6741244228888      0.61
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** LINE VOLUME SOURCE ID = SLINE1
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   SRCPARAM L0000002     0.0034722222      5.10      4.19      4.74
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** BUILDING DOWNWASH **
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   BUILDHGT EG02            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02            12.80    12.80    12.80    12.80    12.80    12.80
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BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG13	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85

BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77

BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG21	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG21	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG21	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG21 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG21 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG21 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG22 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG22 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG22 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG22 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG22 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG22 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG23 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG23 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG23 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG23 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG23 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG23 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG24 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG24 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG24 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG24 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG24 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG24 271.99 283.95 287.27 281.87 285.94 289.37

BUILDLEN EG01 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG01 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG01 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG01 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG01 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG01 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG02 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG02 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG02 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG02 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG02 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG02 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG03 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG03 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG03 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG03 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG03 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG03 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG04 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG04 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG04 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG04 189.23 223.90 251.77 271.99 283.95 287.27

BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG11	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81

BUILDLEN EG11 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG12 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG12 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG12 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG12 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG12 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG12 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG13 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG13 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG13 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG13 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG13 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG13 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG14 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG14 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG14 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG14 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG14 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG14 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG15 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG15 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG15 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG15 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG15 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG15 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG16 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG16 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG16 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG16 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG16 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG16 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG17 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG17 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG17 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG17 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG17 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG17 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG18 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG18 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG18 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG18 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG18 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG18 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN	EG19	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG19	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87

XBADJ	EG02	-90.87	-89.77	-85.94	-79.50	-70.65	-59.65
XBADJ	EG02	-46.83	-41.50	-39.68	-36.65	-32.51	-27.38
XBADJ	EG02	-21.42	-14.81	-7.75	-0.45	-19.03	-59.60
XBADJ	EG02	-98.36	-134.13	-165.83	-192.49	-213.30	-227.63
XBADJ	EG02	-235.04	-244.44	-249.69	-247.35	-237.50	-220.43
XBADJ	EG02	-196.66	-166.92	-132.10	-93.27	-84.84	-89.21
XBADJ	EG03	-93.24	-93.23	-90.40	-84.81	-76.65	-66.16
XBADJ	EG03	-53.66	-48.44	-46.51	-43.17	-38.52	-32.70
XBADJ	EG03	-25.88	-18.28	-10.13	-1.66	-19.03	-58.40
XBADJ	EG03	-95.99	-130.67	-161.38	-187.18	-207.29	-221.11
XBADJ	EG03	-228.21	-237.51	-242.86	-240.83	-231.49	-215.11
XBADJ	EG03	-192.20	-163.45	-129.73	-92.07	-84.83	-90.41
XBADJ	EG04	-98.49	-100.27	-98.99	-94.71	-87.55	-77.73
XBADJ	EG04	-65.55	-60.28	-57.95	-53.86	-48.13	-40.95
XBADJ	EG04	-32.51	-23.09	-12.97	-2.45	-17.75	-55.08
XBADJ	EG04	-90.74	-123.64	-152.78	-177.28	-196.40	-209.54
XBADJ	EG04	-216.32	-225.66	-231.42	-230.14	-221.88	-206.87
XBADJ	EG04	-185.57	-158.64	-126.88	-91.27	-86.12	-93.73
XBADJ	EG05	-100.93	-103.67	-103.25	-99.70	-93.12	-83.70
XBADJ	EG05	-71.75	-66.52	-64.04	-59.61	-53.38	-45.52
XBADJ	EG05	-36.28	-25.94	-14.80	-3.22	-17.43	-53.68
XBADJ	EG05	-88.30	-120.24	-148.52	-172.29	-190.83	-203.57
XBADJ	EG05	-210.12	-219.42	-225.33	-224.39	-216.63	-202.29
XBADJ	EG05	-181.80	-155.79	-125.05	-90.50	-86.44	-95.13
XBADJ	EG06	-106.38	-110.99	-112.23	-110.06	-104.54	-95.84
XBADJ	EG06	-84.24	-78.98	-76.09	-70.89	-63.54	-54.25
XBADJ	EG06	-43.32	-31.07	-17.88	-4.14	-16.16	-50.27
XBADJ	EG06	-82.85	-112.91	-139.55	-161.94	-179.41	-191.43
XBADJ	EG06	-197.63	-206.96	-213.28	-213.12	-206.47	-193.56
XBADJ	EG06	-174.77	-150.66	-121.98	-89.59	-87.70	-98.54
XBADJ	EG07	-109.02	-114.51	-116.52	-114.99	-109.96	-101.60
XBADJ	EG07	-90.14	-84.85	-81.76	-76.18	-68.29	-58.32
XBADJ	EG07	-46.58	-33.43	-19.26	-4.50	-15.49	-48.59
XBADJ	EG07	-80.21	-109.40	-135.26	-157.01	-173.99	-185.68
XBADJ	EG07	-191.73	-201.09	-207.61	-207.82	-201.72	-189.49
XBADJ	EG07	-171.50	-148.30	-120.60	-89.23	-88.37	-100.22
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73
XBADJ	EG08	-53.34	-38.33	-22.16	-5.31	-14.19	-45.21
XBADJ	EG08	-74.86	-102.23	-126.50	-146.92	-162.88	-173.89
XBADJ	EG08	-179.62	-189.02	-195.95	-196.93	-191.92	-181.08
XBADJ	EG08	-164.74	-143.40	-117.69	-88.42	-89.68	-103.60
XBADJ	EG09	-116.31	-124.39	-128.69	-129.09	-125.56	-118.21

XBADJ	EG09	-107.28	-101.99	-98.37	-91.76	-82.37	-70.47
XBADJ	EG09	-56.43	-40.68	-23.69	-5.98	-13.97	-44.12
XBADJ	EG09	-72.92	-99.51	-123.08	-142.90	-158.39	-169.06
XBADJ	EG09	-174.59	-183.96	-191.00	-192.24	-187.64	-177.34
XBADJ	EG09	-161.65	-141.05	-116.16	-87.75	-89.89	-104.69
XBADJ	EG10	-121.58	-131.77	-137.96	-139.95	-137.69	-131.25
XBADJ	EG10	-120.82	-115.62	-111.68	-104.35	-93.85	-80.49
XBADJ	EG10	-64.69	-46.93	-27.74	-7.70	-13.32	-41.11
XBADJ	EG10	-67.65	-92.13	-113.82	-132.04	-146.26	-156.03
XBADJ	EG10	-161.06	-170.32	-177.69	-179.66	-176.16	-167.32
XBADJ	EG10	-153.39	-134.80	-112.11	-86.02	-90.54	-107.70
XBADJ	EG11	-124.91	-136.08	-143.11	-145.80	-144.05	-137.93
XBADJ	EG11	-127.62	-122.33	-118.10	-110.28	-99.11	-84.93
XBADJ	EG11	-68.17	-49.33	-29.00	-7.79	-12.22	-38.86
XBADJ	EG11	-64.32	-87.82	-108.66	-126.19	-139.89	-149.34
XBADJ	EG11	-154.25	-163.61	-171.27	-173.72	-170.90	-162.88
XBADJ	EG11	-149.92	-132.40	-110.85	-85.94	-91.65	-109.95
XBADJ	EG12	-130.10	-142.97	-151.50	-155.43	-154.64	-149.14
XBADJ	EG12	-139.12	-133.77	-129.13	-120.57	-108.34	-92.82
XBADJ	EG12	-74.48	-53.88	-31.64	-8.44	-10.87	-35.54
XBADJ	EG12	-59.13	-80.93	-100.27	-116.56	-129.31	-138.13
XBADJ	EG12	-142.75	-152.17	-160.24	-163.44	-161.67	-154.99
XBADJ	EG12	-143.60	-127.85	-108.21	-85.29	-93.00	-113.27
XBADJ	EG13	-132.60	-146.47	-155.89	-160.57	-160.38	-155.31
XBADJ	EG13	-145.52	-140.21	-135.42	-126.51	-113.76	-97.55
XBADJ	EG13	-78.38	-56.83	-33.55	-9.25	-10.55	-34.11
XBADJ	EG13	-56.63	-77.44	-95.89	-111.42	-123.57	-131.97
XBADJ	EG13	-136.35	-145.73	-153.95	-157.49	-156.25	-150.26
XBADJ	EG13	-139.70	-124.90	-106.31	-84.48	-93.32	-114.70
XBADJ	EG14	-137.69	-153.42	-164.49	-170.57	-171.46	-167.14
XBADJ	EG14	-157.74	-152.46	-147.31	-137.69	-123.88	-106.31
XBADJ	EG14	-85.51	-62.12	-36.83	-10.43	-9.59	-31.04
XBADJ	EG14	-51.55	-70.48	-87.28	-101.43	-112.49	-120.14
XBADJ	EG14	-124.13	-133.49	-142.06	-146.32	-146.13	-141.50
XBADJ	EG14	-132.57	-119.61	-103.02	-83.30	-94.27	-117.77
XBADJ	EG15	-140.27	-156.96	-168.87	-175.66	-177.11	-173.18
XBADJ	EG15	-163.98	-158.71	-153.39	-143.41	-129.07	-110.80
XBADJ	EG15	-89.18	-64.84	-38.53	-11.05	-9.12	-29.49
XBADJ	EG15	-48.96	-66.95	-82.90	-96.33	-106.84	-114.10
XBADJ	EG15	-117.89	-127.23	-135.98	-140.60	-140.94	-137.01
XBADJ	EG15	-128.91	-116.89	-101.32	-82.68	-94.75	-119.32
XBADJ	EG16	-145.68	-164.14	-177.60	-185.67	-188.10	-184.82
XBADJ	EG16	-175.92	-170.57	-164.82	-154.06	-138.62	-118.96

XBADJ	EG16	-95.69	-69.52	-41.23	-11.69	-7.68	-26.01
XBADJ	EG16	-43.55	-59.77	-74.17	-86.32	-95.84	-102.46
XBADJ	EG16	-105.96	-115.37	-124.55	-129.95	-131.39	-128.85
XBADJ	EG16	-122.39	-112.21	-98.62	-82.04	-96.19	-122.80
XBADJ	EG17	-147.90	-167.42	-181.85	-190.76	-193.87	-191.09
XBADJ	EG17	-182.50	-177.27	-171.43	-160.38	-144.46	-124.14
XBADJ	EG17	-100.06	-72.93	-43.59	-12.93	-7.75	-24.92
XBADJ	EG17	-41.33	-56.48	-69.92	-81.23	-90.08	-96.19
XBADJ	EG17	-99.37	-108.67	-117.94	-123.63	-125.55	-123.67
XBADJ	EG17	-118.03	-108.80	-96.26	-80.80	-96.11	-123.89
XBADJ	EG18	-153.56	-174.83	-190.80	-200.96	-205.02	-202.85
XBADJ	EG18	-194.52	-189.18	-182.86	-170.99	-153.92	-132.18
XBADJ	EG18	-106.42	-77.42	-46.08	-13.33	-6.06	-21.19
XBADJ	EG18	-35.67	-49.07	-60.98	-71.03	-78.93	-84.42
XBADJ	EG18	-87.36	-96.77	-106.51	-113.02	-116.09	-115.64
XBADJ	EG18	-111.67	-104.31	-93.78	-80.40	-97.80	-127.62
XBADJ	EG19	-156.16	-178.40	-195.21	-206.10	-210.72	-208.94
XBADJ	EG19	-200.81	-195.48	-188.99	-176.75	-159.15	-136.71
XBADJ	EG19	-110.11	-80.17	-47.79	-13.96	-5.59	-19.63
XBADJ	EG19	-33.07	-45.51	-56.56	-65.89	-73.23	-78.33
XBADJ	EG19	-81.06	-90.46	-100.38	-107.25	-110.86	-111.11
XBADJ	EG19	-107.97	-101.56	-92.06	-79.77	-98.27	-129.18
XBADJ	EG20	-161.29	-185.37	-203.81	-216.07	-221.76	-220.71
XBADJ	EG20	-212.95	-207.63	-200.77	-187.81	-169.15	-145.34
XBADJ	EG20	-117.12	-85.34	-50.97	-15.05	-4.56	-16.50
XBADJ	EG20	-27.94	-38.54	-47.96	-55.93	-62.19	-66.57
XBADJ	EG20	-68.92	-78.31	-88.60	-96.19	-100.86	-102.47
XBADJ	EG20	-100.96	-96.39	-88.88	-78.68	-99.31	-132.31
XBADJ	EG21	-163.97	-188.96	-208.22	-221.15	-227.36	-226.66
XBADJ	EG21	-219.07	-213.73	-206.67	-193.33	-174.12	-149.61
XBADJ	EG21	-120.56	-87.85	-52.46	-15.49	-3.93	-14.82
XBADJ	EG21	-25.26	-34.94	-43.55	-50.85	-56.59	-60.62
XBADJ	EG21	-62.80	-72.21	-82.70	-90.67	-95.89	-98.20
XBADJ	EG21	-97.52	-93.88	-87.39	-78.24	-99.94	-133.99
XBADJ	EG22	-168.60	-195.44	-216.34	-230.67	-237.99	-238.08
XBADJ	EG22	-230.93	-225.67	-218.33	-204.35	-184.17	-158.38
XBADJ	EG22	-127.79	-93.31	-56.00	-16.99	-3.34	-12.17
XBADJ	EG22	-20.63	-28.46	-35.43	-41.32	-45.96	-49.20
XBADJ	EG22	-50.94	-60.27	-71.04	-79.65	-85.84	-89.43
XBADJ	EG22	-90.29	-88.42	-83.85	-76.74	-100.53	-136.64
XBADJ	EG23	-171.84	-199.65	-221.40	-236.43	-244.27	-244.68
XBADJ	EG23	-237.67	-232.33	-224.71	-210.26	-189.42	-162.83
XBADJ	EG23	-131.29	-95.76	-57.32	-17.14	-2.32	-10.01

XBADJ	EG23	-17.39	-24.25	-30.37	-35.57	-39.68	-42.59
XBADJ	EG23	-44.21	-53.61	-64.66	-73.74	-80.59	-84.98
XBADJ	EG23	-86.79	-85.97	-82.53	-76.59	-101.55	-138.80
XBADJ	EG24	-176.77	-206.48	-229.92	-246.37	-255.33	-256.54
XBADJ	EG24	-249.95	-244.67	-236.73	-221.60	-199.73	-171.79
XBADJ	EG24	-138.64	-101.27	-60.83	-18.53	-1.56	-7.12
XBADJ	EG24	-12.46	-17.42	-21.86	-25.62	-28.62	-30.74
XBADJ	EG24	-31.92	-41.27	-52.64	-62.41	-70.28	-76.02
XBADJ	EG24	-79.44	-80.46	-79.03	-75.19	-102.30	-141.69
YBADJ	EG01	-116.27	-112.33	-104.97	-94.42	-81.00	-65.12
YBADJ	EG01	-47.27	-31.64	-11.46	9.06	29.31	48.68
YBADJ	EG01	66.56	82.42	95.77	106.22	113.55	116.68
YBADJ	EG01	116.27	112.33	104.97	94.42	81.00	65.12
YBADJ	EG01	47.27	31.64	11.46	-9.06	-29.31	-48.68
YBADJ	EG01	-66.56	-82.42	-95.77	-106.22	-113.55	-116.69
YBADJ	EG02	-105.35	-102.49	-96.52	-87.62	-76.05	-62.18
YBADJ	EG02	-46.41	-32.91	-14.80	3.75	22.18	39.94
YBADJ	EG02	56.49	71.32	83.99	94.10	101.47	105.01
YBADJ	EG02	105.35	102.49	96.52	87.62	76.05	62.18
YBADJ	EG02	46.41	32.91	14.80	-3.75	-22.18	-39.94
YBADJ	EG02	-56.49	-71.32	-83.99	-94.10	-101.47	-105.01
YBADJ	EG03	-98.83	-96.49	-91.21	-83.16	-72.58	-59.80
YBADJ	EG03	-45.20	-32.90	-16.00	1.38	18.72	35.49
YBADJ	EG03	51.18	65.32	77.47	87.27	94.54	98.18
YBADJ	EG03	98.83	96.49	91.21	83.16	72.58	59.80
YBADJ	EG03	45.20	32.90	16.00	-1.38	-18.72	-35.49
YBADJ	EG03	-51.18	-65.32	-77.47	-87.27	-94.54	-98.18
YBADJ	EG04	-88.14	-86.87	-82.96	-76.53	-67.77	-56.96
YBADJ	EG04	-44.41	-34.18	-19.32	-3.88	11.69	26.89
YBADJ	EG04	41.29	54.42	65.91	75.39	82.69	86.74
YBADJ	EG04	88.14	86.87	82.96	76.53	67.77	56.96
YBADJ	EG04	44.41	34.18	19.32	3.88	-11.69	-26.89
YBADJ	EG04	-41.29	-54.42	-65.91	-75.39	-82.69	-86.74
YBADJ	EG05	-82.39	-81.63	-78.39	-72.76	-64.93	-55.12
YBADJ	EG05	-43.64	-34.51	-20.72	-6.32	8.29	22.64
YBADJ	EG05	36.30	48.86	59.93	69.19	76.45	80.65
YBADJ	EG05	82.39	81.63	78.39	72.76	64.93	55.12
YBADJ	EG05	43.64	34.51	20.72	6.32	-8.29	-22.64
YBADJ	EG05	-36.30	-48.86	-59.93	-69.19	-76.45	-80.65
YBADJ	EG06	-71.11	-71.47	-69.65	-65.72	-59.80	-52.05
YBADJ	EG06	-42.72	-35.77	-24.13	-11.77	0.96	13.66
YBADJ	EG06	25.94	37.44	47.79	56.70	63.99	68.60
YBADJ	EG06	71.11	71.47	69.65	65.72	59.80	52.05

YBADJ	EG06	42.72	35.77	24.13	11.77	-0.96	-13.66
YBADJ	EG06	-25.94	-37.44	-47.79	-56.70	-63.99	-68.60
YBADJ	EG07	-65.82	-66.72	-65.58	-62.46	-57.44	-50.67
YBADJ	EG07	-42.36	-36.44	-25.81	-14.40	-2.56	9.37
YBADJ	EG07	21.01	32.01	42.04	50.79	58.12	62.93
YBADJ	EG07	65.82	66.72	65.58	62.46	57.44	50.67
YBADJ	EG07	42.36	36.44	25.81	14.40	2.56	-9.37
YBADJ	EG07	-21.01	-32.01	-42.04	-50.79	-58.12	-62.93
YBADJ	EG08	-54.92	-56.92	-57.18	-55.70	-52.53	-47.77
YBADJ	EG08	-41.55	-37.74	-29.19	-19.76	-9.72	0.61
YBADJ	EG08	10.93	20.91	30.25	38.68	46.05	51.27
YBADJ	EG08	54.92	56.92	57.18	55.70	52.53	47.77
YBADJ	EG08	41.55	37.74	29.19	19.76	9.72	-0.61
YBADJ	EG08	-10.93	-20.91	-30.25	-38.68	-46.05	-51.27
YBADJ	EG09	-50.24	-52.64	-53.43	-52.61	-50.19	-46.24
YBADJ	EG09	-40.88	-37.96	-30.28	-21.69	-12.44	-2.81
YBADJ	EG09	6.91	16.41	25.42	33.66	40.98	46.32
YBADJ	EG09	50.24	52.64	53.43	52.61	50.19	46.24
YBADJ	EG09	40.88	37.96	30.28	21.69	12.44	2.81
YBADJ	EG09	-6.91	-16.41	-25.42	-33.66	-40.98	-46.32
YBADJ	EG10	-37.65	-41.16	-43.41	-44.35	-43.94	-42.19
YBADJ	EG10	-39.16	-38.61	-33.29	-26.97	-19.82	-12.07
YBADJ	EG10	-3.95	4.28	12.39	20.12	27.35	33.01
YBADJ	EG10	37.65	41.16	43.41	44.35	43.94	42.19
YBADJ	EG10	39.16	38.61	33.29	26.97	19.82	12.07
YBADJ	EG10	3.95	-4.28	-12.39	-20.12	-27.35	-33.01
YBADJ	EG11	-31.72	-35.90	-38.98	-40.88	-41.53	-40.93
YBADJ	EG11	-39.08	-39.71	-35.54	-30.30	-24.13	-17.23
YBADJ	EG11	-9.80	-2.08	5.71	13.32	20.64	26.59
YBADJ	EG11	31.72	35.90	38.98	40.88	41.53	40.93
YBADJ	EG11	39.08	39.71	35.54	30.30	24.13	17.23
YBADJ	EG11	9.80	2.08	-5.71	-13.32	-20.64	-26.59
YBADJ	EG12	-21.44	-26.67	-31.09	-34.56	-36.99	-38.29
YBADJ	EG12	-38.43	-41.07	-38.86	-35.48	-31.02	-25.62
YBADJ	EG12	-19.44	-12.66	-5.51	1.82	9.20	15.56
YBADJ	EG12	21.44	26.67	31.09	34.56	36.99	38.29
YBADJ	EG12	38.43	41.07	38.86	35.48	31.02	25.62
YBADJ	EG12	19.44	12.66	5.51	-1.82	-9.20	-15.56
YBADJ	EG13	-15.49	-21.24	-26.35	-30.66	-34.04	-36.38
YBADJ	EG13	-37.62	-41.38	-40.30	-37.98	-34.52	-30.00
YBADJ	EG13	-24.57	-18.40	-11.67	-4.58	2.76	9.27
YBADJ	EG13	15.49	21.24	26.35	30.66	34.04	36.38
YBADJ	EG13	37.62	41.38	40.29	37.98	34.52	30.00

YBADJ	EG13	24.57	18.40	11.67	4.58	-2.76	-9.27
YBADJ	EG14	-4.31	-11.12	-17.59	-23.53	-28.75	-33.09
YBADJ	EG14	-36.44	-42.34	-43.37	-43.07	-41.47	-38.61
YBADJ	EG14	-34.57	-29.48	-23.50	-16.81	-9.48	-2.62
YBADJ	EG14	4.31	11.12	17.59	23.53	28.75	33.09
YBADJ	EG14	36.44	42.34	43.37	43.07	41.47	38.61
YBADJ	EG14	34.57	29.48	23.50	16.81	9.48	2.62
YBADJ	EG15	1.40	-5.94	-13.10	-19.87	-26.03	-31.40
YBADJ	EG15	-35.81	-42.81	-44.92	-45.65	-45.00	-42.99
YBADJ	EG15	-39.66	-35.14	-29.54	-23.05	-15.74	-8.70
YBADJ	EG15	-1.40	5.94	13.10	19.87	26.03	31.40
YBADJ	EG15	35.81	42.81	44.92	45.65	45.00	42.99
YBADJ	EG15	39.66	35.14	29.54	23.05	15.74	8.70
YBADJ	EG16	12.06	3.61	-4.94	-13.35	-21.35	-28.70
YBADJ	EG16	-35.17	-44.25	-48.40	-51.07	-52.18	-51.72
YBADJ	EG16	-49.68	-46.13	-41.18	-34.98	-27.60	-20.13
YBADJ	EG16	-12.06	-3.61	4.94	13.35	21.35	28.70
YBADJ	EG16	35.17	44.25	48.40	51.07	52.18	51.72
YBADJ	EG16	49.68	46.13	41.18	34.98	27.60	20.13
YBADJ	EG17	18.38	9.45	0.24	-8.98	-17.93	-26.33
YBADJ	EG17	-33.94	-44.18	-49.49	-53.29	-55.47	-55.97
YBADJ	EG17	-54.76	-51.89	-47.45	-41.56	-34.30	-26.74
YBADJ	EG17	-18.38	-9.45	-0.24	8.98	17.93	26.33
YBADJ	EG17	33.94	44.18	49.49	53.29	55.47	55.97
YBADJ	EG17	54.76	51.89	47.45	41.56	34.30	26.74
YBADJ	EG18	28.99	18.92	8.27	-2.63	-13.44	-23.85
YBADJ	EG18	-33.53	-45.87	-53.22	-58.94	-62.88	-64.91
YBADJ	EG18	-64.97	-63.05	-59.21	-53.58	-46.20	-38.17
YBADJ	EG18	-28.99	-18.92	-8.27	2.63	13.44	23.85
YBADJ	EG18	33.53	45.87	53.22	58.94	62.88	64.91
YBADJ	EG18	64.97	63.05	59.21	53.58	46.20	38.17
YBADJ	EG19	34.75	24.14	12.80	1.07	-10.70	-22.14
YBADJ	EG19	-32.90	-46.34	-54.78	-61.55	-66.45	-69.33
YBADJ	EG19	-70.10	-68.75	-65.30	-59.87	-52.51	-44.30
YBADJ	EG19	-34.75	-24.14	-12.80	-1.07	10.70	22.14
YBADJ	EG19	32.90	46.34	54.78	61.55	66.45	69.33
YBADJ	EG19	70.10	68.75	65.30	59.87	52.51	44.30
YBADJ	EG20	45.81	34.14	21.44	8.08	-5.52	-18.96
YBADJ	EG20	-31.81	-47.38	-57.91	-66.67	-73.42	-77.93
YBADJ	EG20	-80.07	-79.78	-77.07	-72.01	-64.66	-56.08
YBADJ	EG20	-45.81	-34.14	-21.44	-8.08	5.52	18.96
YBADJ	EG20	31.81	47.38	57.91	66.67	73.42	77.93
YBADJ	EG20	80.07	79.78	77.07	72.01	64.66	56.08

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   YBADJ    EG21           51.33    39.11    25.71    11.52    -3.02   -17.46
   YBADJ    EG21          -31.38   -48.01   -59.59   -69.35   -77.01   -82.33
   YBADJ    EG21          -85.15   -85.38   -83.02   -78.13   -70.76   -61.98
   YBADJ    EG21          -51.33   -39.11   -25.71   -11.52     3.02    17.46
   YBADJ    EG21           31.38    48.01    59.59    69.35    77.01    82.33
   YBADJ    EG21           85.15    85.38    83.02    78.13    70.76    61.98

   YBADJ    EG22           62.35    49.16    34.48    18.75     2.45   -13.93
   YBADJ    EG22          -29.88   -48.59   -62.24   -73.99   -83.49   -90.46
   YBADJ    EG22          -94.68   -96.02   -94.44   -90.00   -82.70   -73.64
   YBADJ    EG22          -62.35   -49.16   -34.48   -18.75    -2.45    13.93
   YBADJ    EG22           29.88    48.59    62.24    73.99    83.49    90.46
   YBADJ    EG22           94.68    96.02    94.44    90.00    82.70    73.64

   YBADJ    EG23           68.26    54.42    38.92    22.25     4.89   -12.61
   YBADJ    EG23          -29.73   -49.61   -64.40   -77.22   -87.70   -95.52
   YBADJ    EG23         -100.43  -102.29  -101.05   -96.73   -89.36   -80.02
   YBADJ    EG23          -68.26   -54.42   -38.92   -22.25    -4.89    12.61
   YBADJ    EG23           29.73    49.61    64.40    77.22    87.70    95.52
   YBADJ    EG23          100.43   102.29   101.05    96.73    89.36    80.02

   YBADJ    EG24           79.59    64.72    47.89    29.60    10.41    -9.10
   YBADJ    EG24          -28.33   -50.37   -67.29   -82.16   -94.53  -104.03
   YBADJ    EG24         -110.37  -113.36  -112.90  -109.01  -101.70   -92.04
   YBADJ    EG24          -79.59   -64.72   -47.89   -29.60   -10.41     9.10
   YBADJ    EG24           28.33    50.37    67.29    82.16    94.53   104.03
   YBADJ    EG24          110.37   113.36   112.90   109.01   101.70    92.04

   URBANSRC ALL

** VARIABLE EMISSIONS TYPE: "BY HOUR / DAY (HRDOW)"
** VARIABLE EMISSION SCENARIO: "SCENARIO 1"
** WEEKDAYS:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT EG02         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG02         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
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   EMISFACT EG03         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
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   EMISFACT EG04         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
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   EMISFACT EG05         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
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   EMISFACT EG06         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG07         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG07         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG09         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG09         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG10         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG10         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG11         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG11         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT EG12         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG12         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG13         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG13         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG14         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG14         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG15         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG15         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG16         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG16         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG17         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG17         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG18         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG18         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG19         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG19         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG20         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG20         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG21         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG21         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT EG22         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG22         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG23         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG23         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP GENERATO EG01 EG02 EG03 EG04 EG05 EG06 EG07 EG08 EG09 EG10 EG11
   SRCGROUP GENERATO EG12 EG13 EG14 EG15 EG16 EG17 EG18 EG19 EG20 EG21 EG22
   SRCGROUP GENERATO EG23 EG24
   SRCGROUP AREA     L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
   SRCGROUP AREA     L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
   SRCGROUP AREA     L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
   SRCGROUP AREA     L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
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   SRCGROUP AREA     L0000025 L0000026 L0000027 L0000028 L0000029 L0000030
   SRCGROUP AREA     L0000031 L0000032 L0000033 L0000034 L0000035 L0000036
   SRCGROUP AREA     L0000037 L0000038 L0000039 L0000040 L0000041 L0000042
   SRCGROUP AREA     L0000043 L0000044 L0000045 L0000046 L0000047 L0000048
   SRCGROUP AREA     L0000049 L0000050 L0000051 L0000052 L0000053 L0000054
   SRCGROUP AREA     L0000055 L0000056 L0000057 L0000058 L0000059 L0000060
   SRCGROUP AREA     L0000061 L0000062 L0000063 L0000064 L0000065 L0000066
   SRCGROUP AREA     L0000067 L0000068 L0000069 L0000070 L0000071 L0000072
   SRCGROUP AREA     L0000073 L0000074 L0000075 L0000076 L0000077 L0000078
   SRCGROUP AREA     L0000079 L0000080 L0000081 L0000082 L0000083 L0000084
   SRCGROUP AREA     L0000085 L0000086 L0000087 L0000088 L0000089 L0000090
   SRCGROUP AREA     L0000091 L0000092 L0000093 L0000094 L0000095 L0000096
   SRCGROUP AREA     L0000097 L0000098 L0000099 L0000100 L0000101 L0000102
   SRCGROUP AREA     L0000103 L0000104 L0000105 L0000106 L0000107 L0000108
   SRCGROUP AREA     L0000109 L0000110 L0000111 L0000112 L0000113 L0000114
   SRCGROUP AREA     L0000115 L0000116 L0000117 L0000118 L0000119 L0000120
   SRCGROUP AREA     L0000121 L0000122 L0000123 L0000124 L0000125 L0000126
   SRCGROUP AREA     L0000127 L0000128 L0000129 L0000130 L0000131 L0000132
   SRCGROUP AREA     L0000133 L0000134 L0000135 L0000136 L0000137 L0000138
   SRCGROUP AREA     L0000139 L0000140 L0000141 L0000142 L0000143 L0000144
   SRCGROUP AREA     L0000145 L0000146 L0000147 L0000148 L0000149 L0000150
   SRCGROUP AREA     L0000151 L0000152 L0000153 L0000154 L0000155 L0000156
   SRCGROUP AREA     L0000157 L0000158 L0000159 L0000160 L0000161 L0000162
   SRCGROUP AREA     L0000163 L0000164 L0000165 L0000166 L0000167 L0000168
   SRCGROUP AREA     L0000169 L0000170 L0000171 L0000172 L0000173 L0000174
   SRCGROUP AREA     L0000175 L0000176 L0000177 L0000178 L0000179 L0000180
   SRCGROUP AREA     L0000181 L0000182 L0000183 L0000184 L0000185 L0000186
   SRCGROUP AREA     L0000187 L0000188 L0000189 L0000190 L0000191 L0000192
   SRCGROUP AREA     L0000193 L0000194 L0000195 L0000196 L0000197 L0000198
   SRCGROUP AREA     L0000199 L0000200 L0000201 L0000202 L0000203 L0000204
   SRCGROUP AREA     L0000205 L0000206 L0000207 L0000208 L0000209 L0000210
   SRCGROUP AREA     L0000211 L0000212 L0000213 L0000214 L0000215 L0000216
   SRCGROUP AREA     L0000217 L0000218 L0000219 L0000220 L0000221 L0000222
   SRCGROUP AREA     L0000223 L0000224 L0000225 L0000226 L0000227 L0000228
   SRCGROUP AREA     L0000229 L0000230 L0000231 L0000232 L0000233 L0000234
   SRCGROUP AREA     L0000235 L0000236 L0000237 L0000238 L0000239 L0000240
   SRCGROUP AREA     L0000241 L0000242 L0000243 L0000244 L0000245 L0000246
   SRCGROUP AREA     L0000247 L0000248 L0000249 L0000250 L0000251 L0000252
   SRCGROUP AREA     L0000253 L0000254 L0000255 L0000256 L0000257 L0000258
   SRCGROUP AREA     L0000259 L0000260 L0000261 L0000262 L0000263 L0000264
   SRCGROUP AREA     L0000265 L0000266 L0000267 L0000268 L0000269 L0000270
   SRCGROUP AREA     L0000271 L0000272 L0000273 L0000274 L0000275 L0000276
   SRCGROUP AREA     L0000277 L0000278 L0000279 L0000280 L0000281 L0000282
   SRCGROUP AREA     L0000283 L0000284 L0000285 L0000286 L0000287 L0000288
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
```

```
**
**
RE STARTING
   INCLUDED SATURN_PM2.ROU
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\SATURN_PM2\PICO_V9_ADJU\
   SURFFILE PICO_V9_ADJU\PICO_V9.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\SATURN_PM2\PICO_V9_ADJU\
   PROFFILE PICO_V9_ADJU\PICO_V9.PFL
   SURFDATA 3166 2010 PICO
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 24 1ST 8TH
** AUTO-GENERATED PLOTFILES
   PLOTFILE   24 ALL 1ST "C:\LAKES\AERMOD
VIEW\SATURN_PM2\SATURN_PM2.AD\24H1GALL.PLT" 31
   PLOTFILE   24 GENERATO 1ST "C:\LAKES\AERMOD
VIEW\SATURN_PM2\SATURN_PM2.AD\24H1G001.PLT" 32
   PLOTFILE   24 AREA 1ST "C:\LAKES\AERMOD
VIEW\SATURN_PM2\SATURN_PM2.AD\24H1G002.PLT" 33
   PLOTFILE   24 ALL 8TH "C:\LAKES\AERMOD
VIEW\SATURN_PM2\SATURN_PM2.AD\24H8GALL.PLT" 34
   PLOTFILE   24 GENERATO 8TH "C:\LAKES\AERMOD
VIEW\SATURN_PM2\SATURN_PM2.AD\24H8G001.PLT" 35
   PLOTFILE   24 AREA 8TH "C:\LAKES\AERMOD
VIEW\SATURN_PM2\SATURN_PM2.AD\24H8G002.PLT" 36
   PLOTFILE   ANNUAL ALL "C:\LAKES\AERMOD
VIEW\SATURN_PM2\SATURN_PM2.AD\AN00GALL.PLT" 37
   PLOTFILE   ANNUAL GENERATO "C:\LAKES\AERMOD
VIEW\SATURN_PM2\SATURN_PM2.AD\AN00G001.PLT" 38
   PLOTFILE   ANNUAL AREA "C:\LAKES\AERMOD
VIEW\SATURN_PM2\SATURN_PM2.AD\AN00G002.PLT" 39
   SUMMFILE "C:\LAKES\AERMOD VIEW\SATURN_PM2\SATURN_PM2.SUM"
```

```
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    2020       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    2020       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE   1
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Allows User-Specified Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
```

```
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   312 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9830000.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM-2.5

 **Note that special processing requirements apply for the 24-hour PM2.5 NAAQS -
check available guidance.
   Model will process user-specified ranks of high 24-hour values averaged across
the number of years modeled, and
   the multi-year average of individual ANNUAL values, averaged across the number
of years modeled.

 **Model Calculates  1 Short Term Average(s) of:  24-HR
     and Calculates ANNUAL Averages

 **This Run Includes:    312 Source(s);       3 Source Group(s); and     603
Receptor(s)

                with:     24 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    288 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing
Hours
```

b for Both Calm
and Missing Hours

 **Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) =   58.00 ; Decay
Coef. =   0.000   ; Rot. Angle =   0.0
                  Emission Units = GRAMS/SEC   ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =   4.5 MB of RAM.

 **Input Runstream File: aermod.inp

 **Output Print File: aermod.out

 **Detailed Error/Message File: SATURN_PM2.ERR

 **File for Summary of Results: C:\LAKES\AERMOD VIEW\SATURN_PM2\SATURN_PM2.SUM

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                                *** POINT SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   STACK   STACK
STACK   STACK   BLDG   URBAN CAP/ EMIS RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT TEMP.
EXIT VEL. DIAMETER EXISTS SOURCE HOR   SCALAR
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (DEG.K)
(M/SEC) (METERS)   VARY BY
 -
- -

 EG01   0   0.73000E-02 397047.3 3767179.2   112.5   14.33   756.48
32.67   0.61   YES   YES   NO HRDOW
 EG02   0   0.73000E-02 397059.0 3767182.6   112.5   14.33   756.48
32.67   0.61   YES   YES   NO HRDOW
 EG03   0   0.73000E-02 397065.8 3767183.8   112.5   14.33   756.48
32.67   0.61   YES   YES   NO HRDOW
 EG04   0   0.73000E-02 397077.3 3767187.1   112.5   14.33   756.48
32.67   0.61   YES   YES   NO HRDOW
 EG05   0   0.73000E-02 397083.4 3767188.5   112.5   14.33   756.48
32.67   0.61   YES   YES   NO HRDOW

```
 EG06             0   0.73000E-02  397095.4 3767191.9   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG07             0   0.73000E-02  397101.1 3767193.6   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG08             0   0.73000E-02  397112.7 3767197.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG09             0   0.73000E-02  397117.7 3767198.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG10             0   0.73000E-02  397131.0 3767201.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG11             0   0.73000E-02  397137.4 3767203.3   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG12             0   0.73000E-02  397148.4 3767206.6   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG13             0   0.73000E-02  397154.7 3767208.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG14             0   0.73000E-02  397166.6 3767211.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG15             0   0.73000E-02  397172.7 3767212.7   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG16             0   0.73000E-02  397184.1 3767216.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG17             0   0.73000E-02  397190.7 3767217.2   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG18             0   0.73000E-02  397202.2 3767221.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG19             0   0.73000E-02  397208.3 3767222.5   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG20             0   0.73000E-02  397220.1 3767225.7   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG21             0   0.73000E-02  397226.0 3767227.3   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG22             0   0.73000E-02  397237.6 3767230.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG23             0   0.73000E-02  397244.0 3767232.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG24             0   0.73000E-02  397256.0 3767235.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
```

INIT. SOURCE ID	URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	AIRCRAFT SOURCE VARY BY
L0000001	0	0.34722E-02	397018.4	3767094.7	113.0	5.10	4.19	4.74	YES NO
L0000002	0	0.34722E-02	397011.8	3767100.8	113.0	5.10	4.19	4.74	YES NO
L0000003	0	0.34722E-02	397005.2	3767107.0	113.0	5.10	4.19	4.74	YES NO
L0000004	0	0.34722E-02	396998.6	3767113.1	113.0	5.10	4.19	4.74	YES NO
L0000005	0	0.34722E-02	396992.1	3767119.2	113.0	5.10	4.19	4.74	YES NO
L0000006	0	0.34722E-02	396985.5	3767125.4	113.0	5.10	4.19	4.74	YES NO
L0000007	0	0.34722E-02	396978.9	3767131.5	113.0	5.10	4.19	4.74	YES NO
L0000008	0	0.34722E-02	396972.3	3767137.6	113.0	5.10	4.19	4.74	YES NO
L0000009	0	0.34722E-02	396965.7	3767143.8	113.0	5.10	4.19	4.74	YES NO
L0000010	0	0.34722E-02	396959.1	3767149.9	113.0	5.10	4.19	4.74	YES NO
L0000011	0	0.34722E-02	396952.5	3767156.0	113.0	5.10	4.19	4.74	YES NO
L0000012	0	0.34722E-02	396950.0	3767162.3	113.0	5.10	4.19	4.74	YES NO
L0000013	0	0.34722E-02	396956.0	3767169.0	113.0	5.10	4.19	4.74	YES NO
L0000014	0	0.34722E-02	396962.1	3767175.7	113.0	5.10	4.19	4.74	YES NO
L0000015	0	0.34722E-02	396968.3	3767173.1	113.0	5.10	4.19	4.74	YES NO
L0000016	0	0.34722E-02	396974.7	3767166.8	113.0	5.10	4.19	4.74	YES NO
L0000017	0	0.34722E-02	396981.0	3767160.4	113.0	5.10	4.19	4.74	YES NO
L0000018	0	0.34722E-02	396987.4	3767154.0	113.0	5.10	4.19	4.74	YES NO
L0000019	0	0.34722E-02	396993.7	3767147.6	113.0	5.10	4.19	4.74	YES NO
L0000020	0	0.34722E-02	397000.1	3767141.3	113.0	5.10	4.19	4.74	YES NO
L0000021	0	0.34722E-02	397006.4	3767134.9	113.0	5.10	4.19	4.74	YES NO

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 L0000022         0   0.34722E-02  397012.8 3767128.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000023         0   0.34722E-02  397019.2 3767122.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000024         0   0.34722E-02  397025.5 3767115.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000025         0   0.34722E-02  397031.9 3767109.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000026         0   0.34722E-02  397038.2 3767103.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000027         0   0.34722E-02  397044.7 3767098.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000028         0   0.34722E-02  397052.2 3767103.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000029         0   0.34722E-02  397053.4 3767108.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000030         0   0.34722E-02  397047.2 3767115.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000031         0   0.34722E-02  397040.9 3767121.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000032         0   0.34722E-02  397034.7 3767128.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000033         0   0.34722E-02  397028.5 3767134.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000034         0   0.34722E-02  397022.3 3767141.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000035         0   0.34722E-02  397016.1 3767147.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000036         0   0.34722E-02  397009.8 3767154.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000037         0   0.34722E-02  397003.6 3767160.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000038         0   0.34722E-02  396997.4 3767167.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000039         0   0.34722E-02  396991.2 3767173.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000040         0   0.34722E-02  396985.0 3767180.3   113.0     5.10     4.19
4.74     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
```

INIT. SOURCE ID	URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	AIRCRAFT SOURCE VARY BY
L0000041	0	0.34722E-02	396978.8	3767186.9	113.0	5.10	4.19	4.74	YES NO
L0000042	0	0.34722E-02	396979.7	3767193.0	113.0	5.10	4.19	4.74	YES NO
L0000043	0	0.34722E-02	396986.5	3767199.0	113.0	5.10	4.19	4.74	YES NO
L0000044	0	0.34722E-02	396993.1	3767201.2	113.0	5.10	4.19	4.74	YES NO
L0000045	0	0.34722E-02	396999.2	3767194.6	113.0	5.10	4.19	4.74	YES NO
L0000046	0	0.34722E-02	397005.3	3767188.1	113.0	5.10	4.19	4.74	YES NO
L0000047	0	0.34722E-02	397011.5	3767181.5	113.0	5.10	4.19	4.74	YES NO
L0000048	0	0.34722E-02	397017.6	3767174.9	113.0	5.10	4.19	4.74	YES NO
L0000049	0	0.34722E-02	397023.7	3767168.3	113.0	5.10	4.19	4.74	YES NO
L0000050	0	0.34722E-02	397029.8	3767161.7	113.0	5.10	4.19	4.74	YES NO
L0000051	0	0.34722E-02	397036.0	3767155.1	113.0	5.10	4.19	4.74	YES NO
L0000052	0	0.34722E-02	397042.1	3767148.5	113.0	5.10	4.19	4.74	YES NO
L0000053	0	0.34722E-02	397048.2	3767141.9	113.0	5.10	4.19	4.74	YES NO
L0000054	0	0.34722E-02	397054.3	3767135.3	113.0	5.10	4.19	4.74	YES NO
L0000055	0	0.34722E-02	397060.5	3767128.7	113.0	5.10	4.19	4.74	YES NO
L0000056	0	0.34722E-02	397066.6	3767122.1	113.0	5.10	4.19	4.74	YES NO
L0000057	0	0.34722E-02	397072.7	3767115.5	113.0	5.10	4.19	4.74	YES NO
L0000058	0	0.34722E-02	397079.4	3767110.8	113.0	5.10	4.19	4.74	YES NO
L0000059	0	0.34722E-02	397088.1	3767113.0	113.0	5.10	4.19	4.74	YES NO
L0000060	0	0.34722E-02	397096.9	3767115.1	113.0	5.10	4.19	4.74	YES NO
L0000061	0	0.34722E-02	397092.4	3767121.2	113.0	5.10	4.19	4.74	YES NO

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 L0000062         0   0.34722E-02  397086.3 3767127.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000063         0   0.34722E-02  397080.1 3767134.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000064         0   0.34722E-02  397074.0 3767140.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000065         0   0.34722E-02  397067.8 3767147.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000066         0   0.34722E-02  397061.7 3767154.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000067         0   0.34722E-02  397055.6 3767160.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000068         0   0.34722E-02  397049.4 3767167.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000069         0   0.34722E-02  397043.3 3767173.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000070         0   0.34722E-02  397037.1 3767180.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000071         0   0.34722E-02  397031.0 3767187.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000072         0   0.34722E-02  397024.9 3767193.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000073         0   0.34722E-02  397018.7 3767200.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000074         0   0.34722E-02  397012.6 3767206.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000075         0   0.34722E-02  397006.5 3767213.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000076         0   0.34722E-02  397011.3 3767217.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000077         0   0.34722E-02  397019.5 3767221.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000078         0   0.34722E-02  397026.5 3767220.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000079         0   0.34722E-02  397032.6 3767213.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000080         0   0.34722E-02  397038.7 3767206.8   113.0     5.10     4.19
4.74     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
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INIT. SOURCE ID	URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	AIRCRAFT SOURCE VARY BY
L0000081	0	0.34722E-02	397044.8	3767200.2	113.0	5.10	4.19	4.74	YES NO
L0000082	0	0.34722E-02	397050.9	3767193.6	113.0	5.10	4.19	4.74	YES NO
L0000083	0	0.34722E-02	397057.0	3767186.9	113.0	5.10	4.19	4.74	YES NO
L0000084	0	0.34722E-02	397063.0	3767180.3	113.0	5.10	4.19	4.74	YES NO
L0000085	0	0.34722E-02	397069.1	3767173.7	113.0	5.10	4.19	4.74	YES NO
L0000086	0	0.34722E-02	397075.2	3767167.0	113.0	5.10	4.19	4.74	YES NO
L0000087	0	0.34722E-02	397081.3	3767160.4	113.0	5.10	4.19	4.74	YES NO
L0000088	0	0.34722E-02	397087.4	3767153.8	113.0	5.10	4.19	4.74	YES NO
L0000089	0	0.34722E-02	397093.5	3767147.1	113.0	5.10	4.19	4.74	YES NO
L0000090	0	0.34722E-02	397099.5	3767140.5	113.0	5.10	4.19	4.74	YES NO
L0000091	0	0.34722E-02	397105.6	3767133.9	113.0	5.10	4.19	4.74	YES NO
L0000092	0	0.34722E-02	397111.7	3767127.2	113.0	5.10	4.19	4.74	YES NO
L0000093	0	0.34722E-02	397118.7	3767123.6	113.0	5.10	4.19	4.74	YES NO
L0000094	0	0.34722E-02	397127.4	3767125.8	113.0	5.10	4.19	4.74	YES NO
L0000095	0	0.34722E-02	397134.7	3767128.4	113.0	5.10	4.19	4.74	YES NO
L0000096	0	0.34722E-02	397128.6	3767135.0	113.0	5.10	4.19	4.74	YES NO
L0000097	0	0.34722E-02	397122.4	3767141.6	113.0	5.10	4.19	4.74	YES NO
L0000098	0	0.34722E-02	397116.3	3767148.1	113.0	5.10	4.19	4.74	YES NO
L0000099	0	0.34722E-02	397110.1	3767154.7	113.0	5.10	4.19	4.74	YES NO
L0000100	0	0.34722E-02	397103.9	3767161.2	113.0	5.10	4.19	4.74	YES NO
L0000101	0	0.34722E-02	397097.8	3767167.8	113.0	5.10	4.19	4.74	YES NO

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 L0000102         0   0.34722E-02  397091.6 3767174.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000103         0   0.34722E-02  397085.5 3767180.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000104         0   0.34722E-02  397079.3 3767187.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000105         0   0.34722E-02  397073.1 3767194.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000106         0   0.34722E-02  397067.0 3767200.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000107         0   0.34722E-02  397060.8 3767207.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000108         0   0.34722E-02  397054.7 3767213.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000109         0   0.34722E-02  397048.5 3767220.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000110         0   0.34722E-02  397055.1 3767223.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000111         0   0.34722E-02  397063.7 3767225.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000112         0   0.34722E-02  397071.7 3767226.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000113         0   0.34722E-02  397077.5 3767219.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000114         0   0.34722E-02  397083.3 3767212.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000115         0   0.34722E-02  397089.1 3767205.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000116         0   0.34722E-02  397094.9 3767198.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000117         0   0.34722E-02  397100.7 3767191.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000118         0   0.34722E-02  397106.5 3767185.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000119         0   0.34722E-02  397112.3 3767178.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000120         0   0.34722E-02  397118.1 3767171.3   113.0     5.10     4.19
4.74     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
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INIT. SOURCE ID	URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	AIRCRAFT SOURCE VARY BY
L0000121	0	0.34722E-02	397123.9	3767164.4	113.0	5.10	4.19	4.74	YES NO
L0000122	0	0.34722E-02	397129.7	3767157.5	113.0	5.10	4.19	4.74	YES NO
L0000123	0	0.34722E-02	397135.6	3767150.6	113.0	5.10	4.19	4.74	YES NO
L0000124	0	0.34722E-02	397141.4	3767143.8	113.0	5.10	4.19	4.74	YES NO
L0000125	0	0.34722E-02	397147.2	3767136.9	113.0	5.10	4.19	4.74	YES NO
L0000126	0	0.34722E-02	397154.5	3767134.8	113.0	5.10	4.19	4.74	YES NO
L0000127	0	0.34722E-02	397163.3	3767136.9	113.0	5.10	4.19	4.74	YES NO
L0000128	0	0.34722E-02	397163.6	3767141.8	113.0	5.10	4.19	4.74	YES NO
L0000129	0	0.34722E-02	397157.8	3767148.7	113.0	5.10	4.19	4.74	YES NO
L0000130	0	0.34722E-02	397152.0	3767155.6	113.0	5.10	4.19	4.74	YES NO
L0000131	0	0.34722E-02	397146.3	3767162.5	113.0	5.10	4.19	4.74	YES NO
L0000132	0	0.34722E-02	397140.5	3767169.4	113.0	5.10	4.19	4.74	YES NO
L0000133	0	0.34722E-02	397134.7	3767176.3	113.0	5.10	4.19	4.74	YES NO
L0000134	0	0.34722E-02	397128.9	3767183.2	113.0	5.10	4.19	4.74	YES NO
L0000135	0	0.34722E-02	397123.2	3767190.1	113.0	5.10	4.19	4.74	YES NO
L0000136	0	0.34722E-02	397117.4	3767197.0	113.0	5.10	4.19	4.74	YES NO
L0000137	0	0.34722E-02	397111.6	3767203.9	113.0	5.10	4.19	4.74	YES NO
L0000138	0	0.34722E-02	397105.8	3767210.8	113.0	5.10	4.19	4.74	YES NO
L0000139	0	0.34722E-02	397100.0	3767217.7	113.0	5.10	4.19	4.74	YES NO
L0000140	0	0.34722E-02	397094.3	3767224.6	113.0	5.10	4.19	4.74	YES NO
L0000141	0	0.34722E-02	397090.7	3767230.8	113.0	5.10	4.19	4.74	YES NO

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 L0000142         0   0.34722E-02  397099.5 3767232.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000143         0   0.34722E-02  397108.3 3767234.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000144         0   0.34722E-02  397115.8 3767233.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000145         0   0.34722E-02  397121.2 3767226.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000146         0   0.34722E-02  397126.5 3767218.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000147         0   0.34722E-02  397131.9 3767211.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000148         0   0.34722E-02  397137.3 3767204.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000149         0   0.34722E-02  397142.6 3767197.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000150         0   0.34722E-02  397148.0 3767189.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000151         0   0.34722E-02  397153.3 3767182.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000152         0   0.34722E-02  397158.7 3767175.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000153         0   0.34722E-02  397164.0 3767168.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000154         0   0.34722E-02  397169.4 3767161.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000155         0   0.34722E-02  397174.7 3767153.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000156         0   0.34722E-02  397180.1 3767146.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000157         0   0.34722E-02  397187.7 3767145.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000158         0   0.34722E-02  397196.6 3767146.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000159         0   0.34722E-02  397199.6 3767150.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000160         0   0.34722E-02  397194.0 3767157.6   113.0     5.10     4.19
4.74     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
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INIT. SOURCE ID	URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	AIRCRAFT SOURCE VARY BY
L0000161	0	0.34722E-02	397188.3	3767164.6	113.0	5.10	4.19	4.74	YES NO
L0000162	0	0.34722E-02	397182.7	3767171.6	113.0	5.10	4.19	4.74	YES NO
L0000163	0	0.34722E-02	397177.0	3767178.6	113.0	5.10	4.19	4.74	YES NO
L0000164	0	0.34722E-02	397171.4	3767185.6	113.0	5.10	4.19	4.74	YES NO
L0000165	0	0.34722E-02	397165.7	3767192.6	113.0	5.10	4.19	4.74	YES NO
L0000166	0	0.34722E-02	397160.0	3767199.6	113.0	5.10	4.19	4.74	YES NO
L0000167	0	0.34722E-02	397154.4	3767206.6	113.0	5.10	4.19	4.74	YES NO
L0000168	0	0.34722E-02	397148.7	3767213.6	113.0	5.10	4.19	4.74	YES NO
L0000169	0	0.34722E-02	397143.1	3767220.6	113.0	5.10	4.19	4.74	YES NO
L0000170	0	0.34722E-02	397137.4	3767227.6	113.0	5.10	4.19	4.74	YES NO
L0000171	0	0.34722E-02	397131.8	3767234.6	113.0	5.10	4.19	4.74	YES NO
L0000172	0	0.34722E-02	397127.4	3767241.4	113.0	5.10	4.19	4.74	YES NO
L0000173	0	0.34722E-02	397134.6	3767246.9	113.0	5.10	4.19	4.74	YES NO
L0000174	0	0.34722E-02	397138.0	3767254.8	113.0	5.10	4.19	4.74	YES NO
L0000175	0	0.34722E-02	397142.2	3767254.1	113.0	5.10	4.19	4.74	YES NO
L0000176	0	0.34722E-02	397147.6	3767246.9	113.0	5.10	4.19	4.74	YES NO
L0000177	0	0.34722E-02	397153.0	3767239.7	113.0	5.10	4.19	4.74	YES NO
L0000178	0	0.34722E-02	397158.4	3767232.5	113.0	5.10	4.19	4.74	YES NO
L0000179	0	0.34722E-02	397163.8	3767225.3	113.0	5.10	4.19	4.74	YES NO
L0000180	0	0.34722E-02	397169.2	3767218.1	113.0	5.10	4.19	4.74	YES NO
L0000181	0	0.34722E-02	397174.6	3767210.9	113.0	5.10	4.19	4.74	YES NO

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 L0000182         0   0.34722E-02  397180.0 3767203.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000183         0   0.34722E-02  397185.4 3767196.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000184         0   0.34722E-02  397190.8 3767189.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000185         0   0.34722E-02  397196.3 3767182.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000186         0   0.34722E-02  397201.7 3767175.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000187         0   0.34722E-02  397207.1 3767167.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000188         0   0.34722E-02  397212.5 3767160.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000189         0   0.34722E-02  397218.0 3767153.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000190         0   0.34722E-02  397226.8 3767155.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000191         0   0.34722E-02  397235.6 3767157.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000192         0   0.34722E-02  397237.4 3767161.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000193         0   0.34722E-02  397231.5 3767168.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000194         0   0.34722E-02  397225.7 3767175.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000195         0   0.34722E-02  397219.8 3767182.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000196         0   0.34722E-02  397214.0 3767189.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000197         0   0.34722E-02  397208.2 3767196.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000198         0   0.34722E-02  397202.3 3767202.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000199         0   0.34722E-02  397196.5 3767209.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000200         0   0.34722E-02  397190.6 3767216.6   113.0     5.10     4.19
4.74     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
```

INIT. SOURCE ID	URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	AIRCRAFT SOURCE VARY BY
L0000201	0	0.34722E-02	397184.8	3767223.5	113.0	5.10	4.19	4.74	YES NO
L0000202	0	0.34722E-02	397178.9	3767230.3	113.0	5.10	4.19	4.74	YES NO
L0000203	0	0.34722E-02	397173.1	3767237.2	113.0	5.10	4.19	4.74	YES NO
L0000204	0	0.34722E-02	397167.2	3767244.0	113.0	5.10	4.19	4.74	YES NO
L0000205	0	0.34722E-02	397161.4	3767250.8	113.0	5.10	4.19	4.74	YES NO
L0000206	0	0.34722E-02	397155.5	3767257.7	113.0	5.10	4.19	4.74	YES NO
L0000207	0	0.34722E-02	397150.7	3767264.5	113.0	5.10	4.19	4.74	YES NO
L0000208	0	0.34722E-02	397157.1	3767270.9	113.0	5.10	4.19	4.74	YES NO
L0000209	0	0.34722E-02	397163.4	3767277.3	113.0	5.10	4.19	4.74	YES NO
L0000210	0	0.34722E-02	397169.2	3767275.4	113.0	5.10	4.19	4.74	YES NO
L0000211	0	0.34722E-02	397174.8	3767268.3	113.0	5.10	4.19	4.74	YES NO
L0000212	0	0.34722E-02	397180.3	3767261.2	113.0	5.10	4.19	4.74	YES NO
L0000213	0	0.34722E-02	397185.9	3767254.1	113.0	5.10	4.19	4.74	YES NO
L0000214	0	0.34722E-02	397191.4	3767247.0	113.0	5.10	4.19	4.74	YES NO
L0000215	0	0.34722E-02	397197.0	3767239.9	113.0	5.10	4.19	4.74	YES NO
L0000216	0	0.34722E-02	397202.5	3767232.9	113.0	5.10	4.19	4.74	YES NO
L0000217	0	0.34722E-02	397208.1	3767225.8	113.0	5.10	4.19	4.74	YES NO
L0000218	0	0.34722E-02	397213.6	3767218.7	113.0	5.10	4.19	4.74	YES NO
L0000219	0	0.34722E-02	397219.2	3767211.6	113.0	5.10	4.19	4.74	YES NO
L0000220	0	0.34722E-02	397224.7	3767204.5	113.0	5.10	4.19	4.74	YES NO
L0000221	0	0.34722E-02	397230.3	3767197.4	113.0	5.10	4.19	4.74	YES NO

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 L0000222         0   0.34722E-02  397235.8 3767190.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000223         0   0.34722E-02  397241.4 3767183.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000224         0   0.34722E-02  397246.9 3767176.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000225         0   0.34722E-02  397252.5 3767169.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000226         0   0.34722E-02  397258.0 3767162.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000227         0   0.34722E-02  397265.0 3767159.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000228         0   0.34722E-02  397273.6 3767162.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000229         0   0.34722E-02  397279.4 3767165.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000230         0   0.34722E-02  397273.5 3767172.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000231         0   0.34722E-02  397267.7 3767179.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000232         0   0.34722E-02  397261.8 3767185.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000233         0   0.34722E-02  397256.0 3767192.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000234         0   0.34722E-02  397250.1 3767199.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000235         0   0.34722E-02  397244.3 3767206.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000236         0   0.34722E-02  397238.5 3767213.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000237         0   0.34722E-02  397232.6 3767220.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000238         0   0.34722E-02  397226.8 3767227.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000239         0   0.34722E-02  397220.9 3767233.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000240         0   0.34722E-02  397215.1 3767240.7   113.0     5.10     4.19
4.74     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
```

INIT. SOURCE ID	URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	AIRCRAFT SOURCE VARY BY
L0000241	0	0.34722E-02	397209.2	3767247.5	113.0	5.10	4.19	4.74	YES NO
L0000242	0	0.34722E-02	397203.4	3767254.3	113.0	5.10	4.19	4.74	YES NO
L0000243	0	0.34722E-02	397197.5	3767261.2	113.0	5.10	4.19	4.74	YES NO
L0000244	0	0.34722E-02	397191.7	3767268.0	113.0	5.10	4.19	4.74	YES NO
L0000245	0	0.34722E-02	397185.8	3767274.9	113.0	5.10	4.19	4.74	YES NO
L0000246	0	0.34722E-02	397180.0	3767281.7	113.0	5.10	4.19	4.74	YES NO
L0000247	0	0.34722E-02	397174.1	3767288.5	113.0	5.10	4.19	4.74	YES NO
L0000248	0	0.34722E-02	397181.8	3767292.9	113.0	5.10	4.19	4.74	YES NO
L0000249	0	0.34722E-02	397189.6	3767297.3	113.0	5.10	4.19	4.74	YES NO
L0000250	0	0.34722E-02	397198.0	3767300.6	113.0	5.10	4.19	4.74	YES NO
L0000251	0	0.34722E-02	397203.8	3767294.6	113.0	5.10	4.19	4.74	YES NO
L0000252	0	0.34722E-02	397209.3	3767287.5	113.0	5.10	4.19	4.74	YES NO
L0000253	0	0.34722E-02	397214.8	3767280.4	113.0	5.10	4.19	4.74	YES NO
L0000254	0	0.34722E-02	397220.3	3767273.2	113.0	5.10	4.19	4.74	YES NO
L0000255	0	0.34722E-02	397225.8	3767266.1	113.0	5.10	4.19	4.74	YES NO
L0000256	0	0.34722E-02	397231.2	3767259.0	113.0	5.10	4.19	4.74	YES NO
L0000257	0	0.34722E-02	397236.7	3767251.8	113.0	5.10	4.19	4.74	YES NO
L0000258	0	0.34722E-02	397242.2	3767244.7	113.0	5.10	4.19	4.74	YES NO
L0000259	0	0.34722E-02	397247.7	3767237.6	113.0	5.10	4.19	4.74	YES NO
L0000260	0	0.34722E-02	397253.2	3767230.4	113.0	5.10	4.19	4.74	YES NO
L0000261	0	0.34722E-02	397258.7	3767223.3	113.0	5.10	4.19	4.74	YES NO

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 L0000262         0   0.34722E-02  397264.1 3767216.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000263         0   0.34722E-02  397269.6 3767209.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000264         0   0.34722E-02  397275.1 3767201.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000265         0   0.34722E-02  397280.6 3767194.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000266         0   0.34722E-02  397286.1 3767187.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000267         0   0.34722E-02  397291.5 3767180.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000268         0   0.34722E-02  397297.0 3767173.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000269         0   0.34722E-02  397302.5 3767166.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000270         0   0.34722E-02  397310.5 3767166.4   113.0     5.10     4.19
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 L0000271         0   0.34722E-02  397319.2 3767168.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000272         0   0.34722E-02  397319.4 3767173.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000273         0   0.34722E-02  397313.9 3767181.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000274         0   0.34722E-02  397308.4 3767188.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000275         0   0.34722E-02  397303.0 3767195.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000276         0   0.34722E-02  397297.5 3767202.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000277         0   0.34722E-02  397292.1 3767209.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000278         0   0.34722E-02  397286.6 3767216.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000279         0   0.34722E-02  397281.1 3767223.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000280         0   0.34722E-02  397275.7 3767231.0   113.0     5.10     4.19
4.74     YES                    NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
```

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INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0000281         0   0.34722E-02  397270.2 3767238.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000282         0   0.34722E-02  397264.8 3767245.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000283         0   0.34722E-02  397259.3 3767252.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000284         0   0.34722E-02  397253.9 3767259.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000285         0   0.34722E-02  397248.4 3767266.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000286         0   0.34722E-02  397242.9 3767274.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000287         0   0.34722E-02  397237.5 3767281.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000288         0   0.34722E-02  397232.0 3767288.3   113.0     5.10     4.19
4.74     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                          SOURCE IDs
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EG06        , EG07        , EG08        ,

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EG14        , EG15        , EG16        ,

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EG22        , EG23        , EG24        ,

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 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                        *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID   SOURCE IDs
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 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                          SOURCE IDs
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 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID   SOURCE IDs
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                  SOURCE IDs
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 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
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		L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , L0000152 ,
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		L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , L0000182 , L0000183 , L0000184 ,
		L0000185 , L0000186 , L0000187 , L0000188 , L0000189 , L0000190 , L0000191 , L0000192 ,
		L0000193 , L0000194 , L0000195 , L0000196 , L0000197 , L0000198 , L0000199 , L0000200 ,
		L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 , L0000208 ,
		L0000209 , L0000210 , L0000211 , L0000212 , L0000213 , L0000214 , L0000215 , L0000216 ,
		L0000217 , L0000218 , L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 ,
		L0000225 , L0000226 , L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 ,
		L0000233 , L0000234 , L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 ,
		L0000241 , L0000242 , L0000243 , L0000244 , L0000245 ,

L0000246   , L0000247   , L0000248   ,

             L0000249   , L0000250   , L0000251   , L0000252   , L0000253   ,
L0000254   , L0000255   , L0000256   ,

             L0000257   , L0000258   , L0000259   , L0000260   , L0000261   ,
L0000262   , L0000263   , L0000264   ,

             L0000265   , L0000266   , L0000267   , L0000268   , L0000269   ,
L0000270   , L0000271   , L0000272   ,

             L0000273   , L0000274   , L0000275   , L0000276   , L0000277   ,
L0000278   , L0000279   , L0000280   ,

             L0000281   , L0000282   , L0000283   , L0000284   , L0000285   ,
L0000286   , L0000287   , L0000288   ,

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                       *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

 SOURCE ID: EG01
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -85.5, -116.3,   2   12.8, 270.0, 223.9,
-82.6, -112.3,
    3   12.8, 247.8, 251.8, -77.2, -105.0,   4   12.8, 218.1, 272.0,
-69.4, -94.4,
    5   12.8, 181.7, 283.9, -59.5, -81.0,   6   12.8, 139.9, 287.3,
-47.9, -65.1,
    7   12.8,   93.7, 281.9, -34.7, -47.3,   8   12.8, 103.9, 285.9,
-29.4, -31.6,
    9   12.8, 148.8, 289.4, -28.0, -11.5,   10   12.8, 189.2, 284.0,
-25.7,   9.1,
   11   12.8, 223.9, 270.0, -22.7,   29.3,   12   12.8, 251.8, 247.8,
-18.9,   48.7,
   13   12.8, 272.0, 218.1, -14.6,   66.6,   14   12.8, 283.9, 181.7,
-9.9,   82.4,
   15   12.8, 287.3, 139.9,   -4.8,   95.8,   16   12.8, 281.9,   93.7,
0.4, 106.2,
   17   12.8, 285.9, 103.9, -20.3, 113.5,   18   12.8, 289.4, 148.8,
-62.9, 116.7,
   19   12.8, 284.0, 189.2, -103.7, 116.3,   20   12.8, 270.0, 223.9,

-141.3, 112.3,
   21   12.8, 247.8, 251.8, -174.6, 105.0,   22   12.8, 218.1, 272.0,
-202.6,   94.4,
   23   12.8, 181.7, 283.9, -224.4,   81.0,   24   12.8, 139.9, 287.3,
-239.4,   65.1,
   25   12.8,   93.7, 281.9, -247.2,   47.3,   26   12.8, 103.9, 285.9,
-256.5,   31.6,
   27   12.8, 148.8, 289.4, -261.4,   11.5,   28   12.8, 189.2, 284.0,
-258.3,   -9.1,
   29   12.8, 223.9, 270.0, -247.3, -29.3,   30   12.8, 251.8, 247.8,
-228.9, -48.7,
   31   12.8, 272.0, 218.1, -203.5, -66.6,   32   12.8, 283.9, 181.7,
-171.9, -82.4,
   33   12.8, 287.3, 139.9, -135.1, -95.8,   34   12.8, 281.9,   93.7,
-94.1, -106.2,
   35   12.8, 285.9, 103.9, -83.6, -113.5,   36   12.8, 289.4, 148.8,
-85.9, -116.7,

 SOURCE ID: EG02
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -90.9, -105.3,   2   12.8, 270.0, 223.9,
-89.8, -102.5,
    3   12.8, 247.8, 251.8, -85.9, -96.5,   4   12.8, 218.1, 272.0,
-79.5, -87.6,
    5   12.8, 181.7, 283.9, -70.6, -76.0,   6   12.8, 139.9, 287.3,
-59.6, -62.2,
    7   12.8,   93.7, 281.9, -46.8, -46.4,   8   12.8, 103.9, 285.9,
-41.5, -32.9,
    9   12.8, 148.8, 289.4, -39.7, -14.8,   10   12.8, 189.2, 284.0,
-36.6,   3.8,
   11   12.8, 223.9, 270.0, -32.5,   22.2,   12   12.8, 251.8, 247.8,
-27.4,   39.9,
   13   12.8, 272.0, 218.1, -21.4,   56.5,   14   12.8, 283.9, 181.7,
-14.8,   71.3,
   15   12.8, 287.3, 139.9,   -7.8,   84.0,   16   12.8, 281.9,   93.7,
-0.5,   94.1,
   17   12.8, 285.9, 103.9, -19.0, 101.5,   18   12.8, 289.4, 148.8,
-59.6, 105.0,
   19   12.8, 284.0, 189.2, -98.4, 105.3,   20   12.8, 270.0, 223.9,
-134.1, 102.5,
   21   12.8, 247.8, 251.8, -165.8,   96.5,   22   12.8, 218.1, 272.0,
-192.5,   87.6,
   23   12.8, 181.7, 283.9, -213.3,   76.0,   24   12.8, 139.9, 287.3,
-227.6,   62.2,
   25   12.8,   93.7, 281.9, -235.0,   46.4,   26   12.8, 103.9, 285.9,
-244.4,   32.9,
   27   12.8, 148.8, 289.4, -249.7,   14.8,   28   12.8, 189.2, 284.0,
-247.4,   -3.8,

```
   29   12.8,  223.9,  270.0, -237.5,  -22.2,     30   12.8,  251.8,  247.8,
-220.4,  -39.9,
   31   12.8,  272.0,  218.1, -196.7,  -56.5,     32   12.8,  283.9,  181.7,
-166.9,  -71.3,
   33   12.8,  287.3,  139.9, -132.1,  -84.0,     34   12.8,  281.9,   93.7,
-93.3,  -94.1,
   35   12.8,  285.9,  103.9,  -84.8, -101.5,     36   12.8,  289.4,  148.8,
-89.2, -105.0,


 SOURCE ID: EG03
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2,  -93.2,  -98.8,      2   12.8,  270.0,  223.9,
-93.2,  -96.5,
    3   12.8,  247.8,  251.8,  -90.4,  -91.2,      4   12.8,  218.1,  272.0,
-84.8,  -83.2,
    5   12.8,  181.7,  283.9,  -76.6,  -72.6,      6   12.8,  139.9,  287.3,
-66.2,  -59.8,
    7   12.8,   93.7,  281.9,  -53.7,  -45.2,      8   12.8,  103.9,  285.9,
-48.4,  -32.9,
    9   12.8,  148.8,  289.4,  -46.5,  -16.0,     10   12.8,  189.2,  284.0,
-43.2,    1.4,
   11   12.8,  223.9,  270.0,  -38.5,   18.7,     12   12.8,  251.8,  247.8,
-32.7,   35.5,
   13   12.8,  272.0,  218.1,  -25.9,   51.2,     14   12.8,  283.9,  181.7,
-18.3,   65.3,
   15   12.8,  287.3,  139.9,  -10.1,   77.5,     16   12.8,  281.9,   93.7,
-1.7,   87.3,
   17   12.8,  285.9,  103.9,  -19.0,   94.5,     18   12.8,  289.4,  148.8,
-58.4,   98.2,
   19   12.8,  284.0,  189.2,  -96.0,   98.8,     20   12.8,  270.0,  223.9,
-130.7,   96.5,
   21   12.8,  247.8,  251.8, -161.4,   91.2,     22   12.8,  218.1,  272.0,
-187.2,   83.2,
   23   12.8,  181.7,  283.9, -207.3,   72.6,     24   12.8,  139.9,  287.3,
-221.1,   59.8,
   25   12.8,   93.7,  281.9, -228.2,   45.2,     26   12.8,  103.9,  285.9,
-237.5,   32.9,
   27   12.8,  148.8,  289.4, -242.9,   16.0,     28   12.8,  189.2,  284.0,
-240.8,   -1.4,
   29   12.8,  223.9,  270.0, -231.5,  -18.7,     30   12.8,  251.8,  247.8,
-215.1,  -35.5,
   31   12.8,  272.0,  218.1, -192.2,  -51.2,     32   12.8,  283.9,  181.7,
-163.5,  -65.3,
   33   12.8,  287.3,  139.9, -129.7,  -77.5,     34   12.8,  281.9,   93.7,
-92.1,  -87.3,
   35   12.8,  285.9,  103.9,  -84.8,  -94.5,     36   12.8,  289.4,  148.8,
-90.4,  -98.2,
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SOURCE ID: EG04

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-98.5,	-88.1,	2	12.8,	270.0,	223.9,	-100.3,	-86.9,
3	12.8,	247.8,	251.8,	-99.0,	-83.0,	4	12.8,	218.1,	272.0,	-94.7,	-76.5,
5	12.8,	181.7,	283.9,	-87.5,	-67.8,	6	12.8,	139.9,	287.3,	-77.7,	-57.0,
7	12.8,	93.7,	281.9,	-65.5,	-44.4,	8	12.8,	103.9,	285.9,	-60.3,	-34.2,
9	12.8,	148.8,	289.4,	-57.9,	-19.3,	10	12.8,	189.2,	284.0,	-53.9,	-3.9,
11	12.8,	223.9,	270.0,	-48.1,	11.7,	12	12.8,	251.8,	247.8,	-40.9,	26.9,
13	12.8,	272.0,	218.1,	-32.5,	41.3,	14	12.8,	283.9,	181.7,	-23.1,	54.4,
15	12.8,	287.3,	139.9,	-13.0,	65.9,	16	12.8,	281.9,	93.7,	-2.4,	75.4,
17	12.8,	285.9,	103.9,	-17.8,	82.7,	18	12.8,	289.4,	148.8,	-55.1,	86.7,
19	12.8,	284.0,	189.2,	-90.7,	88.1,	20	12.8,	270.0,	223.9,	-123.6,	86.9,
21	12.8,	247.8,	251.8,	-152.8,	83.0,	22	12.8,	218.1,	272.0,	-177.3,	76.5,
23	12.8,	181.7,	283.9,	-196.4,	67.8,	24	12.8,	139.9,	287.3,	-209.5,	57.0,
25	12.8,	93.7,	281.9,	-216.3,	44.4,	26	12.8,	103.9,	285.9,	-225.7,	34.2,
27	12.8,	148.8,	289.4,	-231.4,	19.3,	28	12.8,	189.2,	284.0,	-230.1,	3.9,
29	12.8,	223.9,	270.0,	-221.9,	-11.7,	30	12.8,	251.8,	247.8,	-206.9,	-26.9,
31	12.8,	272.0,	218.1,	-185.6,	-41.3,	32	12.8,	283.9,	181.7,	-158.6,	-54.4,
33	12.8,	287.3,	139.9,	-126.9,	-65.9,	34	12.8,	281.9,	93.7,	-91.3,	-75.4,
35	12.8,	285.9,	103.9,	-86.1,	-82.7,	36	12.8,	289.4,	148.8,	-93.7,	-86.7,

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING

DIMENSIONS ***

SOURCE ID: EG05

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-100.9,	-82.4,	2	12.8,	270.0,	223.9,	-103.7,	-81.6,
3	12.8,	247.8,	251.8,	-103.2,	-78.4,	4	12.8,	218.1,	272.0,	-99.7,	-72.8,
5	12.8,	181.7,	283.9,	-93.1,	-64.9,	6	12.8,	139.9,	287.3,	-83.7,	-55.1,
7	12.8,	93.7,	281.9,	-71.8,	-43.6,	8	12.8,	103.9,	285.9,	-66.5,	-34.5,
9	12.8,	148.8,	289.4,	-64.0,	-20.7,	10	12.8,	189.2,	284.0,	-59.6,	-6.3,
11	12.8,	223.9,	270.0,	-53.4,	8.3,	12	12.8,	251.8,	247.8,	-45.5,	22.6,
13	12.8,	272.0,	218.1,	-36.3,	36.3,	14	12.8,	283.9,	181.7,	-25.9,	48.9,
15	12.8,	287.3,	139.9,	-14.8,	59.9,	16	12.8,	281.9,	93.7,	-3.2,	69.2,
17	12.8,	285.9,	103.9,	-17.4,	76.5,	18	12.8,	289.4,	148.8,	-53.7,	80.6,
19	12.8,	284.0,	189.2,	-88.3,	82.4,	20	12.8,	270.0,	223.9,	-120.2,	81.6,
21	12.8,	247.8,	251.8,	-148.5,	78.4,	22	12.8,	218.1,	272.0,	-172.3,	72.8,
23	12.8,	181.7,	283.9,	-190.8,	64.9,	24	12.8,	139.9,	287.3,	-203.6,	55.1,
25	12.8,	93.7,	281.9,	-210.1,	43.6,	26	12.8,	103.9,	285.9,	-219.4,	34.5,
27	12.8,	148.8,	289.4,	-225.3,	20.7,	28	12.8,	189.2,	284.0,	-224.4,	6.3,
29	12.8,	223.9,	270.0,	-216.6,	-8.3,	30	12.8,	251.8,	247.8,	-202.3,	-22.6,
31	12.8,	272.0,	218.1,	-181.8,	-36.3,	32	12.8,	283.9,	181.7,	-155.8,	-48.9,
33	12.8,	287.3,	139.9,	-125.0,	-59.9,	34	12.8,	281.9,	93.7,	-90.5,	-69.2,
35	12.8,	285.9,	103.9,	-86.4,	-76.5,	36	12.8,	289.4,	148.8,	-95.1,	-80.6,

SOURCE ID: EG06

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-106.4,	-71.1,	2	12.8,	270.0,	223.9,	-111.0,	-71.5,
3	12.8,	247.8,	251.8,	-112.2,	-69.6,	4	12.8,	218.1,	272.0,		

-110.1, -65.7,
    5   12.8, 181.7, 283.9, -104.5, -59.8,   6   12.8, 139.9, 287.3,
-95.8, -52.0,
    7   12.8,   93.7, 281.9, -84.2, -42.7,   8   12.8, 103.9, 285.9,
-79.0, -35.8,
    9   12.8, 148.8, 289.4, -76.1, -24.1,   10   12.8, 189.2, 284.0,
-70.9, -11.8,
   11   12.8, 223.9, 270.0, -63.5,   1.0,   12   12.8, 251.8, 247.8,
-54.2,   13.7,
   13   12.8, 272.0, 218.1, -43.3,   25.9,   14   12.8, 283.9, 181.7,
-31.1,   37.4,
   15   12.8, 287.3, 139.9, -17.9,   47.8,   16   12.8, 281.9,   93.7,
-4.1,   56.7,
   17   12.8, 285.9, 103.9, -16.2,   64.0,   18   12.8, 289.4, 148.8,
-50.3,   68.6,
   19   12.8, 284.0, 189.2, -82.8,   71.1,   20   12.8, 270.0, 223.9,
-112.9,   71.5,
   21   12.8, 247.8, 251.8, -139.6,   69.6,   22   12.8, 218.1, 272.0,
-161.9,   65.7,
   23   12.8, 181.7, 283.9, -179.4,   59.8,   24   12.8, 139.9, 287.3,
-191.4,   52.0,
   25   12.8,   93.7, 281.9, -197.6,   42.7,   26   12.8, 103.9, 285.9,
-207.0,   35.8,
   27   12.8, 148.8, 289.4, -213.3,   24.1,   28   12.8, 189.2, 284.0,
-213.1,   11.8,
   29   12.8, 223.9, 270.0, -206.5,   -1.0,   30   12.8, 251.8, 247.8,
-193.6, -13.7,
   31   12.8, 272.0, 218.1, -174.8, -25.9,   32   12.8, 283.9, 181.7,
-150.7, -37.4,
   33   12.8, 287.3, 139.9, -122.0, -47.8,   34   12.8, 281.9,   93.7,
-89.6, -56.7,
   35   12.8, 285.9, 103.9, -87.7, -64.0,   36   12.8, 289.4, 148.8,
-98.5, -68.6,

 SOURCE ID: EG07
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -109.0, -65.8,   2   12.8, 270.0, 223.9,
-114.5, -66.7,
    3   12.8, 247.8, 251.8, -116.5, -65.6,   4   12.8, 218.1, 272.0,
-115.0, -62.5,
    5   12.8, 181.7, 283.9, -110.0, -57.4,   6   12.8, 139.9, 287.3,
-101.6, -50.7,
    7   12.8,   93.7, 281.9, -90.1, -42.4,   8   12.8, 103.9, 285.9,
-84.8, -36.4,
    9   12.8, 148.8, 289.4, -81.8, -25.8,   10   12.8, 189.2, 284.0,
-76.2, -14.4,
   11   12.8, 223.9, 270.0, -68.3,   -2.6,   12   12.8, 251.8, 247.8,
-58.3,   9.4,

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   13   12.8,  272.0,  218.1,  -46.6,   21.0,     14   12.8,  283.9,  181.7,
-33.4,   32.0,
   15   12.8,  287.3,  139.9,  -19.3,   42.0,     16   12.8,  281.9,   93.7,
-4.5,   50.8,
   17   12.8,  285.9,  103.9,  -15.5,   58.1,     18   12.8,  289.4,  148.8,
-48.6,   62.9,
   19   12.8,  284.0,  189.2,  -80.2,   65.8,     20   12.8,  270.0,  223.9,
-109.4,   66.7,
   21   12.8,  247.8,  251.8, -135.3,   65.6,     22   12.8,  218.1,  272.0,
-157.0,   62.5,
   23   12.8,  181.7,  283.9, -174.0,   57.4,     24   12.8,  139.9,  287.3,
-185.7,   50.7,
   25   12.8,   93.7,  281.9, -191.7,   42.4,     26   12.8,  103.9,  285.9,
-201.1,   36.4,
   27   12.8,  148.8,  289.4, -207.6,   25.8,     28   12.8,  189.2,  284.0,
-207.8,   14.4,
   29   12.8,  223.9,  270.0, -201.7,    2.6,     30   12.8,  251.8,  247.8,
-189.5,   -9.4,
   31   12.8,  272.0,  218.1, -171.5,  -21.0,     32   12.8,  283.9,  181.7,
-148.3,  -32.0,
   33   12.8,  287.3,  139.9, -120.6,  -42.0,     34   12.8,  281.9,   93.7,
-89.2,  -50.8,
   35   12.8,  285.9,  103.9,  -88.4,  -58.1,     36   12.8,  289.4,  148.8,
-100.2,  -62.9,


 SOURCE ID: EG08
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -114.4,  -54.9,      2   12.8,  270.0,  223.9,
-121.7,  -56.9,
    3   12.8,  247.8,  251.8, -125.3,  -57.2,      4   12.8,  218.1,  272.0,
-125.1,  -55.7,
    5   12.8,  181.7,  283.9, -121.1,  -52.5,      6   12.8,  139.9,  287.3,
-113.4,  -47.8,
    7   12.8,   93.7,  281.9, -102.2,  -41.5,      8   12.8,  103.9,  285.9,
-96.9,  -37.7,
    9   12.8,  148.8,  289.4,  -93.4,  -29.2,     10   12.8,  189.2,  284.0,
-87.1,  -19.8,
   11   12.8,  223.9,  270.0,  -78.1,   -9.7,     12   12.8,  251.8,  247.8,
-66.7,    0.6,
   13   12.8,  272.0,  218.1,  -53.3,   10.9,     14   12.8,  283.9,  181.7,
-38.3,   20.9,
   15   12.8,  287.3,  139.9,  -22.2,   30.2,     16   12.8,  281.9,   93.7,
-5.3,   38.7,
   17   12.8,  285.9,  103.9,  -14.2,   46.0,     18   12.8,  289.4,  148.8,
-45.2,   51.3,
   19   12.8,  284.0,  189.2,  -74.9,   54.9,     20   12.8,  270.0,  223.9,
-102.2,   56.9,
   21   12.8,  247.8,  251.8, -126.5,   57.2,     22   12.8,  218.1,  272.0,
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-146.9,   55.7,
   23   12.8,  181.7,  283.9, -162.9,   52.5,     24   12.8,  139.9,  287.3,
-173.9,   47.8,
   25   12.8,   93.7,  281.9, -179.6,   41.5,     26   12.8,  103.9,  285.9,
-189.0,   37.7,
   27   12.8,  148.8,  289.4, -196.0,   29.2,     28   12.8,  189.2,  284.0,
-196.9,   19.8,
   29   12.8,  223.9,  270.0, -191.9,    9.7,     30   12.8,  251.8,  247.8,
-181.1,   -0.6,
   31   12.8,  272.0,  218.1, -164.7,  -10.9,     32   12.8,  283.9,  181.7,
-143.4,  -20.9,
   33   12.8,  287.3,  139.9, -117.7,  -30.2,     34   12.8,  281.9,   93.7,
-88.4,  -38.7,
   35   12.8,  285.9,  103.9,  -89.7,  -46.0,     36   12.8,  289.4,  148.8,
-103.6,  -51.3,

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                         ***       15:36:14

                                   PAGE  19
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: EG09
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -116.3,  -50.2,      2   12.8,  270.0,  223.9,
-124.4,  -52.6,
    3   12.8,  247.8,  251.8, -128.7,  -53.4,      4   12.8,  218.1,  272.0,
-129.1,  -52.6,
    5   12.8,  181.7,  283.9, -125.6,  -50.2,      6   12.8,  139.9,  287.3,
-118.2,  -46.2,
    7   12.8,   93.7,  281.9, -107.3,  -40.9,      8   12.8,  103.9,  285.9,
-102.0,  -38.0,
    9   12.8,  148.8,  289.4,  -98.4,  -30.3,     10   12.8,  189.2,  284.0,
-91.8,  -21.7,
   11   12.8,  223.9,  270.0,  -82.4,  -12.4,     12   12.8,  251.8,  247.8,
-70.5,   -2.8,
   13   12.8,  272.0,  218.1,  -56.4,    6.9,     14   12.8,  283.9,  181.7,
-40.7,   16.4,
   15   12.8,  287.3,  139.9,  -23.7,   25.4,     16   12.8,  281.9,   93.7,
-6.0,   33.7,
   17   12.8,  285.9,  103.9,  -14.0,   41.0,     18   12.8,  289.4,  148.8,
-44.1,   46.3,
   19   12.8,  284.0,  189.2,  -72.9,   50.2,     20   12.8,  270.0,  223.9,
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-99.5,   52.6,
   21   12.8, 247.8, 251.8, -123.1,   53.4,   22   12.8, 218.1, 272.0,
-142.9,   52.6,
   23   12.8, 181.7, 283.9, -158.4,   50.2,   24   12.8, 139.9, 287.3,
-169.1,   46.2,
   25   12.8,   93.7, 281.9, -174.6,   40.9,   26   12.8, 103.9, 285.9,
-184.0,   38.0,
   27   12.8, 148.8, 289.4, -191.0,   30.3,   28   12.8, 189.2, 284.0,
-192.2,   21.7,
   29   12.8, 223.9, 270.0, -187.6,   12.4,   30   12.8, 251.8, 247.8,
-177.3,   2.8,
   31   12.8, 272.0, 218.1, -161.7,   -6.9,   32   12.8, 283.9, 181.7,
-141.1, -16.4,
   33   12.8, 287.3, 139.9, -116.2, -25.4,   34   12.8, 281.9,   93.7,
-87.8, -33.7,
   35   12.8, 285.9, 103.9, -89.9, -41.0,   36   12.8, 289.4, 148.8,
-104.7, -46.3,

 SOURCE ID: EG10
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -121.6, -37.6,   2   12.8, 270.0, 223.9,
-131.8, -41.2,
    3   12.8, 247.8, 251.8, -138.0, -43.4,   4   12.8, 218.1, 272.0,
-140.0, -44.3,
    5   12.8, 181.7, 283.9, -137.7, -43.9,   6   12.8, 139.9, 287.3,
-131.2, -42.2,
    7   12.8,   93.7, 281.9, -120.8, -39.2,   8   12.8, 103.9, 285.9,
-115.6, -38.6,
    9   12.8, 148.8, 289.4, -111.7, -33.3,   10   12.8, 189.2, 284.0,
-104.3, -27.0,
   11   12.8, 223.9, 270.0, -93.8, -19.8,   12   12.8, 251.8, 247.8,
-80.5, -12.1,
   13   12.8, 272.0, 218.1, -64.7,   -3.9,   14   12.8, 283.9, 181.7,
-46.9,   4.3,
   15   12.8, 287.3, 139.9, -27.7,   12.4,   16   12.8, 281.9,   93.7,
-7.7,   20.1,
   17   12.8, 285.9, 103.9, -13.3,   27.4,   18   12.8, 289.4, 148.8,
-41.1,   33.0,
   19   12.8, 284.0, 189.2, -67.6,   37.6,   20   12.8, 270.0, 223.9,
-92.1,   41.2,
   21   12.8, 247.8, 251.8, -113.8,   43.4,   22   12.8, 218.1, 272.0,
-132.0,   44.3,
   23   12.8, 181.7, 283.9, -146.3,   43.9,   24   12.8, 139.9, 287.3,
-156.0,   42.2,
   25   12.8,   93.7, 281.9, -161.1,   39.2,   26   12.8, 103.9, 285.9,
-170.3,   38.6,
   27   12.8, 148.8, 289.4, -177.7,   33.3,   28   12.8, 189.2, 284.0,
-179.7,   27.0,

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   29   12.8,  223.9,  270.0, -176.2,   19.8,     30   12.8,  251.8,  247.8,
-167.3,   12.1,
   31   12.8,  272.0,  218.1, -153.4,    3.9,     32   12.8,  283.9,  181.7,
-134.8,   -4.3,
   33   12.8,  287.3,  139.9, -112.1,  -12.4,     34   12.8,  281.9,   93.7,
-86.0,  -20.1,
   35   12.8,  285.9,  103.9,  -90.5,  -27.4,     36   12.8,  289.4,  148.8,
-107.7,  -33.0,


 SOURCE ID: EG11
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -124.9,  -31.7,      2   12.8,  270.0,  223.9,
-136.1,  -35.9,
    3   12.8,  247.8,  251.8, -143.1,  -39.0,      4   12.8,  218.1,  272.0,
-145.8,  -40.9,
    5   12.8,  181.7,  283.9, -144.1,  -41.5,      6   12.8,  139.9,  287.3,
-137.9,  -40.9,
    7   12.8,   93.7,  281.9, -127.6,  -39.1,      8   12.8,  103.9,  285.9,
-122.3,  -39.7,
    9   12.8,  148.8,  289.4, -118.1,  -35.5,     10   12.8,  189.2,  284.0,
-110.3,  -30.3,
   11   12.8,  223.9,  270.0,  -99.1,  -24.1,     12   12.8,  251.8,  247.8,
-84.9,  -17.2,
   13   12.8,  272.0,  218.1,  -68.2,   -9.8,     14   12.8,  283.9,  181.7,
-49.3,   -2.1,
   15   12.8,  287.3,  139.9,  -29.0,    5.7,     16   12.8,  281.9,   93.7,
-7.8,   13.3,
   17   12.8,  285.9,  103.9,  -12.2,   20.6,     18   12.8,  289.4,  148.8,
-38.9,   26.6,
   19   12.8,  284.0,  189.2,  -64.3,   31.7,     20   12.8,  270.0,  223.9,
-87.8,   35.9,
   21   12.8,  247.8,  251.8, -108.7,   39.0,     22   12.8,  218.1,  272.0,
-126.2,   40.9,
   23   12.8,  181.7,  283.9, -139.9,   41.5,     24   12.8,  139.9,  287.3,
-149.3,   40.9,
   25   12.8,   93.7,  281.9, -154.2,   39.1,     26   12.8,  103.9,  285.9,
-163.6,   39.7,
   27   12.8,  148.8,  289.4, -171.3,   35.5,     28   12.8,  189.2,  284.0,
-173.7,   30.3,
   29   12.8,  223.9,  270.0, -170.9,   24.1,     30   12.8,  251.8,  247.8,
-162.9,   17.2,
   31   12.8,  272.0,  218.1, -149.9,    9.8,     32   12.8,  283.9,  181.7,
-132.4,    2.1,
   33   12.8,  287.3,  139.9, -110.8,   -5.7,     34   12.8,  281.9,   93.7,
-85.9,  -13.3,
   35   12.8,  285.9,  103.9,  -91.6,  -20.6,     36   12.8,  289.4,  148.8,
-110.0,  -26.6,
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SOURCE ID: EG12

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-130.1,	-21.4,	2	12.8,	270.0,	223.9,	-143.0,	-26.7,
3	12.8,	247.8,	251.8,	-151.5,	-31.1,	4	12.8,	218.1,	272.0,	-155.4,	-34.6,
5	12.8,	181.7,	283.9,	-154.6,	-37.0,	6	12.8,	139.9,	287.3,	-149.1,	-38.3,
7	12.8,	93.7,	281.9,	-139.1,	-38.4,	8	12.8,	103.9,	285.9,	-133.8,	-41.1,
9	12.8,	148.8,	289.4,	-129.1,	-38.9,	10	12.8,	189.2,	284.0,	-120.6,	-35.5,
11	12.8,	223.9,	270.0,	-108.3,	-31.0,	12	12.8,	251.8,	247.8,	-92.8,	-25.6,
13	12.8,	272.0,	218.1,	-74.5,	-19.4,	14	12.8,	283.9,	181.7,	-53.9,	-12.7,
15	12.8,	287.3,	139.9,	-31.6,	-5.5,	16	12.8,	281.9,	93.7,	-8.4,	1.8,
17	12.8,	285.9,	103.9,	-10.9,	9.2,	18	12.8,	289.4,	148.8,	-35.5,	15.6,
19	12.8,	284.0,	189.2,	-59.1,	21.4,	20	12.8,	270.0,	223.9,	-80.9,	26.7,
21	12.8,	247.8,	251.8,	-100.3,	31.1,	22	12.8,	218.1,	272.0,	-116.6,	34.6,
23	12.8,	181.7,	283.9,	-129.3,	37.0,	24	12.8,	139.9,	287.3,	-138.1,	38.3,
25	12.8,	93.7,	281.9,	-142.8,	38.4,	26	12.8,	103.9,	285.9,	-152.2,	41.1,
27	12.8,	148.8,	289.4,	-160.2,	38.9,	28	12.8,	189.2,	284.0,	-163.4,	35.5,
29	12.8,	223.9,	270.0,	-161.7,	31.0,	30	12.8,	251.8,	247.8,	-155.0,	25.6,
31	12.8,	272.0,	218.1,	-143.6,	19.4,	32	12.8,	283.9,	181.7,	-127.8,	12.7,
33	12.8,	287.3,	139.9,	-108.2,	5.5,	34	12.8,	281.9,	93.7,	-85.3,	-1.8,
35	12.8,	285.9,	103.9,	-93.0,	-9.2,	36	12.8,	289.4,	148.8,	-113.3,	-15.6,

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING

DIMENSIONS ***

SOURCE ID: EG13

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-132.6,	-15.5,	2	12.8,	270.0,	223.9,	-146.5,	-21.2,
3	12.8,	247.8,	251.8,	-155.9,	-26.4,	4	12.8,	218.1,	272.0,	-160.6,	-30.7,
5	12.8,	181.7,	283.9,	-160.4,	-34.0,	6	12.8,	139.9,	287.3,	-155.3,	-36.4,
7	12.8,	93.7,	281.9,	-145.5,	-37.6,	8	12.8,	103.9,	285.9,	-140.2,	-41.4,
9	12.8,	148.8,	289.4,	-135.4,	-40.3,	10	12.8,	189.2,	284.0,	-126.5,	-38.0,
11	12.8,	223.9,	270.0,	-113.8,	-34.5,	12	12.8,	251.8,	247.8,	-97.5,	-30.0,
13	12.8,	272.0,	218.1,	-78.4,	-24.6,	14	12.8,	283.9,	181.7,	-56.8,	-18.4,
15	12.8,	287.3,	139.9,	-33.5,	-11.7,	16	12.8,	281.9,	93.7,	-9.2,	-4.6,
17	12.8,	285.9,	103.9,	-10.6,	2.8,	18	12.8,	289.4,	148.8,	-34.1,	9.3,
19	12.8,	284.0,	189.2,	-56.6,	15.5,	20	12.8,	270.0,	223.9,	-77.4,	21.2,
21	12.8,	247.8,	251.8,	-95.9,	26.4,	22	12.8,	218.1,	272.0,	-111.4,	30.7,
23	12.8,	181.7,	283.9,	-123.6,	34.0,	24	12.8,	139.9,	287.3,	-132.0,	36.4,
25	12.8,	93.7,	281.9,	-136.4,	37.6,	26	12.8,	103.9,	285.9,	-145.7,	41.4,
27	12.8,	148.8,	289.4,	-154.0,	40.3,	28	12.8,	189.2,	284.0,	-157.5,	38.0,
29	12.8,	223.9,	270.0,	-156.2,	34.5,	30	12.8,	251.8,	247.8,	-150.3,	30.0,
31	12.8,	272.0,	218.1,	-139.7,	24.6,	32	12.8,	283.9,	181.7,	-124.9,	18.4,
33	12.8,	287.3,	139.9,	-106.3,	11.7,	34	12.8,	281.9,	93.7,	-84.5,	4.6,
35	12.8,	285.9,	103.9,	-93.3,	-2.8,	36	12.8,	289.4,	148.8,	-114.7,	-9.3,

SOURCE ID: EG14

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-137.7,	-4.3,	2	12.8,	270.0,	223.9,	-153.4,	-11.1,
3	12.8,	247.8,	251.8,	-164.5,	-17.6,	4	12.8,	218.1,	272.0,		

-170.6, -23.5,
    5   12.8, 181.7, 283.9, -171.5, -28.8,   6   12.8, 139.9, 287.3,
-167.1, -33.1,
    7   12.8,   93.7, 281.9, -157.7, -36.4,   8   12.8, 103.9, 285.9,
-152.5, -42.3,
    9   12.8, 148.8, 289.4, -147.3, -43.4,   10   12.8, 189.2, 284.0,
-137.7, -43.1,
   11   12.8, 223.9, 270.0, -123.9, -41.5,   12   12.8, 251.8, 247.8,
-106.3, -38.6,
   13   12.8, 272.0, 218.1, -85.5, -34.6,   14   12.8, 283.9, 181.7,
-62.1, -29.5,
   15   12.8, 287.3, 139.9, -36.8, -23.5,   16   12.8, 281.9,   93.7,
-10.4, -16.8,
   17   12.8, 285.9, 103.9,   -9.6,   -9.5,   18   12.8, 289.4, 148.8,
-31.0,   -2.6,
   19   12.8, 284.0, 189.2, -51.5,   4.3,   20   12.8, 270.0, 223.9,
-70.5,   11.1,
   21   12.8, 247.8, 251.8, -87.3,   17.6,   22   12.8, 218.1, 272.0,
-101.4,   23.5,
   23   12.8, 181.7, 283.9, -112.5,   28.8,   24   12.8, 139.9, 287.3,
-120.1,   33.1,
   25   12.8,   93.7, 281.9, -124.1,   36.4,   26   12.8, 103.9, 285.9,
-133.5,   42.3,
   27   12.8, 148.8, 289.4, -142.1,   43.4,   28   12.8, 189.2, 284.0,
-146.3,   43.1,
   29   12.8, 223.9, 270.0, -146.1,   41.5,   30   12.8, 251.8, 247.8,
-141.5,   38.6,
   31   12.8, 272.0, 218.1, -132.6,   34.6,   32   12.8, 283.9, 181.7,
-119.6,   29.5,
   33   12.8, 287.3, 139.9, -103.0,   23.5,   34   12.8, 281.9,   93.7,
-83.3,   16.8,
   35   12.8, 285.9, 103.9, -94.3,   9.5,   36   12.8, 289.4, 148.8,
-117.8,   2.6,

 SOURCE ID: EG15
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -140.3,   1.4,   2   12.8, 270.0, 223.9,
-157.0,   -5.9,
    3   12.8, 247.8, 251.8, -168.9, -13.1,   4   12.8, 218.1, 272.0,
-175.7, -19.9,
    5   12.8, 181.7, 283.9, -177.1, -26.0,   6   12.8, 139.9, 287.3,
-173.2, -31.4,
    7   12.8,   93.7, 281.9, -164.0, -35.8,   8   12.8, 103.9, 285.9,
-158.7, -42.8,
    9   12.8, 148.8, 289.4, -153.4, -44.9,   10   12.8, 189.2, 284.0,
-143.4, -45.6,
   11   12.8, 223.9, 270.0, -129.1, -45.0,   12   12.8, 251.8, 247.8,
-110.8, -43.0,

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   13   12.8,  272.0,  218.1,  -89.2,  -39.7,     14   12.8,  283.9,  181.7,
-64.8,  -35.1,
   15   12.8,  287.3,  139.9,  -38.5,  -29.5,     16   12.8,  281.9,   93.7,
-11.1,  -23.1,
   17   12.8,  285.9,  103.9,   -9.1,  -15.7,     18   12.8,  289.4,  148.8,
-29.5,   -8.7,
   19   12.8,  284.0,  189.2,  -49.0,   -1.4,     20   12.8,  270.0,  223.9,
-67.0,    5.9,
   21   12.8,  247.8,  251.8,  -82.9,   13.1,     22   12.8,  218.1,  272.0,
-96.3,   19.9,
   23   12.8,  181.7,  283.9, -106.8,   26.0,     24   12.8,  139.9,  287.3,
-114.1,   31.4,
   25   12.8,   93.7,  281.9, -117.9,   35.8,     26   12.8,  103.9,  285.9,
-127.2,   42.8,
   27   12.8,  148.8,  289.4, -136.0,   44.9,     28   12.8,  189.2,  284.0,
-140.6,   45.6,
   29   12.8,  223.9,  270.0, -140.9,   45.0,     30   12.8,  251.8,  247.8,
-137.0,   43.0,
   31   12.8,  272.0,  218.1, -128.9,   39.7,     32   12.8,  283.9,  181.7,
-116.9,   35.1,
   33   12.8,  287.3,  139.9, -101.3,   29.5,     34   12.8,  281.9,   93.7,
-82.7,   23.1,
   35   12.8,  285.9,  103.9,  -94.8,   15.7,     36   12.8,  289.4,  148.8,
-119.3,    8.7,


 SOURCE ID: EG16
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -145.7,   12.1,      2   12.8,  270.0,  223.9,
-164.1,    3.6,
    3   12.8,  247.8,  251.8, -177.6,   -4.9,      4   12.8,  218.1,  272.0,
-185.7,  -13.4,
    5   12.8,  181.7,  283.9, -188.1,  -21.4,      6   12.8,  139.9,  287.3,
-184.8,  -28.7,
    7   12.8,   93.7,  281.9, -175.9,  -35.2,      8   12.8,  103.9,  285.9,
-170.6,  -44.2,
    9   12.8,  148.8,  289.4, -164.8,  -48.4,     10   12.8,  189.2,  284.0,
-154.1,  -51.1,
   11   12.8,  223.9,  270.0, -138.6,  -52.2,     12   12.8,  251.8,  247.8,
-119.0,  -51.7,
   13   12.8,  272.0,  218.1,  -95.7,  -49.7,     14   12.8,  283.9,  181.7,
-69.5,  -46.1,
   15   12.8,  287.3,  139.9,  -41.2,  -41.2,     16   12.8,  281.9,   93.7,
-11.7,  -35.0,
   17   12.8,  285.9,  103.9,   -7.7,  -27.6,     18   12.8,  289.4,  148.8,
-26.0,  -20.1,
   19   12.8,  284.0,  189.2,  -43.5,  -12.1,     20   12.8,  270.0,  223.9,
-59.8,   -3.6,
   21   12.8,  247.8,  251.8,  -74.2,    4.9,     22   12.8,  218.1,  272.0,
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-86.3,   13.4,
   23   12.8, 181.7, 283.9, -95.8,   21.4,   24   12.8, 139.9, 287.3,
-102.5,   28.7,
   25   12.8,   93.7, 281.9, -106.0,   35.2,   26   12.8, 103.9, 285.9,
-115.4,   44.2,
   27   12.8, 148.8, 289.4, -124.5,   48.4,   28   12.8, 189.2, 284.0,
-130.0,   51.1,
   29   12.8, 223.9, 270.0, -131.4,   52.2,   30   12.8, 251.8, 247.8,
-128.9,   51.7,
   31   12.8, 272.0, 218.1, -122.4,   49.7,   32   12.8, 283.9, 181.7,
-112.2,   46.1,
   33   12.8, 287.3, 139.9, -98.6,   41.2,   34   12.8, 281.9,   93.7,
-82.0,   35.0,
   35   12.8, 285.9, 103.9, -96.2,   27.6,   36   12.8, 289.4, 148.8,
-122.8,   20.1,

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

 SOURCE ID: EG17
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -147.9,   18.4,   2   12.8, 270.0, 223.9,
-167.4,   9.5,
    3   12.8, 247.8, 251.8, -181.9,   0.2,   4   12.8, 218.1, 272.0,
-190.8,   -9.0,
    5   12.8, 181.7, 283.9, -193.9, -17.9,   6   12.8, 139.9, 287.3,
-191.1, -26.3,
    7   12.8,   93.7, 281.9, -182.5, -33.9,   8   12.8, 103.9, 285.9,
-177.3, -44.2,
    9   12.8, 148.8, 289.4, -171.4, -49.5,   10   12.8, 189.2, 284.0,
-160.4, -53.3,
   11   12.8, 223.9, 270.0, -144.5, -55.5,   12   12.8, 251.8, 247.8,
-124.1, -56.0,
   13   12.8, 272.0, 218.1, -100.1, -54.8,   14   12.8, 283.9, 181.7,
-72.9, -51.9,
   15   12.8, 287.3, 139.9, -43.6, -47.4,   16   12.8, 281.9,   93.7,
-12.9, -41.6,
   17   12.8, 285.9, 103.9,   -7.8, -34.3,   18   12.8, 289.4, 148.8,
-24.9, -26.7,
   19   12.8, 284.0, 189.2, -41.3, -18.4,   20   12.8, 270.0, 223.9,

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-56.5,   -9.5,
   21   12.8,  247.8,  251.8,  -69.9,   -0.2,     22   12.8,  218.1,  272.0,
-81.2,    9.0,
   23   12.8,  181.7,  283.9,  -90.1,   17.9,     24   12.8,  139.9,  287.3,
-96.2,   26.3,
   25   12.8,   93.7,  281.9,  -99.4,   33.9,     26   12.8,  103.9,  285.9,
-108.7,   44.2,
   27   12.8,  148.8,  289.4, -117.9,   49.5,     28   12.8,  189.2,  284.0,
-123.6,   53.3,
   29   12.8,  223.9,  270.0, -125.5,   55.5,     30   12.8,  251.8,  247.8,
-123.7,   56.0,
   31   12.8,  272.0,  218.1, -118.0,   54.8,     32   12.8,  283.9,  181.7,
-108.8,   51.9,
   33   12.8,  287.3,  139.9,  -96.3,   47.4,     34   12.8,  281.9,   93.7,
-80.8,   41.6,
   35   12.8,  285.9,  103.9,  -96.1,   34.3,     36   12.8,  289.4,  148.8,
-123.9,   26.7,


 SOURCE ID: EG18
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -153.6,   29.0,      2   12.8,  270.0,  223.9,
-174.8,   18.9,
    3   12.8,  247.8,  251.8, -190.8,    8.3,      4   12.8,  218.1,  272.0,
-201.0,   -2.6,
    5   12.8,  181.7,  283.9, -205.0,  -13.4,      6   12.8,  139.9,  287.3,
-202.9,  -23.9,
    7   12.8,   93.7,  281.9, -194.5,  -33.5,      8   12.8,  103.9,  285.9,
-189.2,  -45.9,
    9   12.8,  148.8,  289.4, -182.9,  -53.2,     10   12.8,  189.2,  284.0,
-171.0,  -58.9,
   11   12.8,  223.9,  270.0, -153.9,  -62.9,     12   12.8,  251.8,  247.8,
-132.2,  -64.9,
   13   12.8,  272.0,  218.1, -106.4,  -65.0,     14   12.8,  283.9,  181.7,
-77.4,  -63.0,
   15   12.8,  287.3,  139.9,  -46.1,  -59.2,     16   12.8,  281.9,   93.7,
-13.3,  -53.6,
   17   12.8,  285.9,  103.9,   -6.1,  -46.2,     18   12.8,  289.4,  148.8,
-21.2,  -38.2,
   19   12.8,  284.0,  189.2,  -35.7,  -29.0,     20   12.8,  270.0,  223.9,
-49.1,  -18.9,
   21   12.8,  247.8,  251.8,  -61.0,   -8.3,     22   12.8,  218.1,  272.0,
-71.0,    2.6,
   23   12.8,  181.7,  283.9,  -78.9,   13.4,     24   12.8,  139.9,  287.3,
-84.4,   23.9,
   25   12.8,   93.7,  281.9,  -87.4,   33.5,     26   12.8,  103.9,  285.9,
-96.8,   45.9,
   27   12.8,  148.8,  289.4, -106.5,   53.2,     28   12.8,  189.2,  284.0,
-113.0,   58.9,
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   29   12.8,  223.9,  270.0, -116.1,   62.9,     30   12.8,  251.8,  247.8,
-115.6,   64.9,
   31   12.8,  272.0,  218.1, -111.7,   65.0,     32   12.8,  283.9,  181.7,
-104.3,   63.0,
   33   12.8,  287.3,  139.9,  -93.8,   59.2,     34   12.8,  281.9,   93.7,
-80.4,   53.6,
   35   12.8,  285.9,  103.9,  -97.8,   46.2,     36   12.8,  289.4,  148.8,
-127.6,   38.2,


 SOURCE ID: EG19
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -156.2,   34.8,      2   12.8,  270.0,  223.9,
-178.4,   24.1,
    3   12.8,  247.8,  251.8, -195.2,   12.8,      4   12.8,  218.1,  272.0,
-206.1,    1.1,
    5   12.8,  181.7,  283.9, -210.7,  -10.7,      6   12.8,  139.9,  287.3,
-208.9,  -22.1,
    7   12.8,   93.7,  281.9, -200.8,  -32.9,      8   12.8,  103.9,  285.9,
-195.5,  -46.3,
    9   12.8,  148.8,  289.4, -189.0,  -54.8,     10   12.8,  189.2,  284.0,
-176.8,  -61.5,
   11   12.8,  223.9,  270.0, -159.2,  -66.5,     12   12.8,  251.8,  247.8,
-136.7,  -69.3,
   13   12.8,  272.0,  218.1, -110.1,  -70.1,     14   12.8,  283.9,  181.7,
-80.2,  -68.8,
   15   12.8,  287.3,  139.9,  -47.8,  -65.3,     16   12.8,  281.9,   93.7,
-14.0,  -59.9,
   17   12.8,  285.9,  103.9,   -5.6,  -52.5,     18   12.8,  289.4,  148.8,
-19.6,  -44.3,
   19   12.8,  284.0,  189.2,  -33.1,  -34.8,     20   12.8,  270.0,  223.9,
-45.5,  -24.1,
   21   12.8,  247.8,  251.8,  -56.6,  -12.8,     22   12.8,  218.1,  272.0,
-65.9,   -1.1,
   23   12.8,  181.7,  283.9,  -73.2,   10.7,     24   12.8,  139.9,  287.3,
-78.3,   22.1,
   25   12.8,   93.7,  281.9,  -81.1,   32.9,     26   12.8,  103.9,  285.9,
-90.5,   46.3,
   27   12.8,  148.8,  289.4, -100.4,   54.8,     28   12.8,  189.2,  284.0,
-107.2,   61.5,
   29   12.8,  223.9,  270.0, -110.9,   66.5,     30   12.8,  251.8,  247.8,
-111.1,   69.3,
   31   12.8,  272.0,  218.1, -108.0,   70.1,     32   12.8,  283.9,  181.7,
-101.6,   68.8,
   33   12.8,  287.3,  139.9,  -92.1,   65.3,     34   12.8,  281.9,   93.7,
-79.8,   59.9,
   35   12.8,  285.9,  103.9,  -98.3,   52.5,     36   12.8,  289.4,  148.8,
-129.2,   44.3,
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SOURCE ID: EG20

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-161.3,	45.8,	2	12.8,	270.0,	223.9,	-185.4,	34.1,
3	12.8,	247.8,	251.8,	-203.8,	21.4,	4	12.8,	218.1,	272.0,	-216.1,	8.1,
5	12.8,	181.7,	283.9,	-221.8,	-5.5,	6	12.8,	139.9,	287.3,	-220.7,	-19.0,
7	12.8,	93.7,	281.9,	-213.0,	-31.8,	8	12.8,	103.9,	285.9,	-207.6,	-47.4,
9	12.8,	148.8,	289.4,	-200.8,	-57.9,	10	12.8,	189.2,	284.0,	-187.8,	-66.7,
11	12.8,	223.9,	270.0,	-169.2,	-73.4,	12	12.8,	251.8,	247.8,	-145.3,	-77.9,
13	12.8,	272.0,	218.1,	-117.1,	-80.1,	14	12.8,	283.9,	181.7,	-85.3,	-79.8,
15	12.8,	287.3,	139.9,	-51.0,	-77.1,	16	12.8,	281.9,	93.7,	-15.1,	-72.0,
17	12.8,	285.9,	103.9,	-4.6,	-64.7,	18	12.8,	289.4,	148.8,	-16.5,	-56.1,
19	12.8,	284.0,	189.2,	-27.9,	-45.8,	20	12.8,	270.0,	223.9,	-38.5,	-34.1,
21	12.8,	247.8,	251.8,	-48.0,	-21.4,	22	12.8,	218.1,	272.0,	-55.9,	-8.1,
23	12.8,	181.7,	283.9,	-62.2,	5.5,	24	12.8,	139.9,	287.3,	-66.6,	19.0,
25	12.8,	93.7,	281.9,	-68.9,	31.8,	26	12.8,	103.9,	285.9,	-78.3,	47.4,
27	12.8,	148.8,	289.4,	-88.6,	57.9,	28	12.8,	189.2,	284.0,	-96.2,	66.7,
29	12.8,	223.9,	270.0,	-100.9,	73.4,	30	12.8,	251.8,	247.8,	-102.5,	77.9,
31	12.8,	272.0,	218.1,	-101.0,	80.1,	32	12.8,	283.9,	181.7,	-96.4,	79.8,
33	12.8,	287.3,	139.9,	-88.9,	77.1,	34	12.8,	281.9,	93.7,	-78.7,	72.0,
35	12.8,	285.9,	103.9,	-99.3,	64.7,	36	12.8,	289.4,	148.8,	-132.3,	56.1,

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING

DIMENSIONS ***

SOURCE ID: EG21

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-164.0,	51.3,	2	12.8,	270.0,	223.9,	-189.0,	39.1,
3	12.8,	247.8,	251.8,	-208.2,	25.7,	4	12.8,	218.1,	272.0,	-221.2,	11.5,
5	12.8,	181.7,	283.9,	-227.4,	-3.0,	6	12.8,	139.9,	287.3,	-226.7,	-17.5,
7	12.8,	93.7,	281.9,	-219.1,	-31.4,	8	12.8,	103.9,	285.9,	-213.7,	-48.0,
9	12.8,	148.8,	289.4,	-206.7,	-59.6,	10	12.8,	189.2,	284.0,	-193.3,	-69.3,
11	12.8,	223.9,	270.0,	-174.1,	-77.0,	12	12.8,	251.8,	247.8,	-149.6,	-82.3,
13	12.8,	272.0,	218.1,	-120.6,	-85.1,	14	12.8,	283.9,	181.7,	-87.8,	-85.4,
15	12.8,	287.3,	139.9,	-52.5,	-83.0,	16	12.8,	281.9,	93.7,	-15.5,	-78.1,
17	12.8,	285.9,	103.9,	-3.9,	-70.8,	18	12.8,	289.4,	148.8,	-14.8,	-62.0,
19	12.8,	284.0,	189.2,	-25.3,	-51.3,	20	12.8,	270.0,	223.9,	-34.9,	-39.1,
21	12.8,	247.8,	251.8,	-43.5,	-25.7,	22	12.8,	218.1,	272.0,	-50.8,	-11.5,
23	12.8,	181.7,	283.9,	-56.6,	3.0,	24	12.8,	139.9,	287.3,	-60.6,	17.5,
25	12.8,	93.7,	281.9,	-62.8,	31.4,	26	12.8,	103.9,	285.9,	-72.2,	48.0,
27	12.8,	148.8,	289.4,	-82.7,	59.6,	28	12.8,	189.2,	284.0,	-90.7,	69.3,
29	12.8,	223.9,	270.0,	-95.9,	77.0,	30	12.8,	251.8,	247.8,	-98.2,	82.3,
31	12.8,	272.0,	218.1,	-97.5,	85.1,	32	12.8,	283.9,	181.7,	-93.9,	85.4,
33	12.8,	287.3,	139.9,	-87.4,	83.0,	34	12.8,	281.9,	93.7,	-78.2,	78.1,
35	12.8,	285.9,	103.9,	-99.9,	70.8,	36	12.8,	289.4,	148.8,	-134.0,	62.0,

SOURCE ID: EG22

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-168.6,	62.3,	2	12.8,	270.0,	223.9,	-195.4,	49.2,
3	12.8,	247.8,	251.8,	-216.3,	34.5,	4	12.8,	218.1,	272.0,		

-230.7,   18.8,
    5   12.8, 181.7, 283.9, -238.0,   2.4,   6   12.8, 139.9, 287.3,
-238.1, -13.9,
    7   12.8,   93.7, 281.9, -230.9, -29.9,   8   12.8, 103.9, 285.9,
-225.7, -48.6,
    9   12.8, 148.8, 289.4, -218.3, -62.2,   10   12.8, 189.2, 284.0,
-204.4, -74.0,
   11   12.8, 223.9, 270.0, -184.2, -83.5,   12   12.8, 251.8, 247.8,
-158.4, -90.5,
   13   12.8, 272.0, 218.1, -127.8, -94.7,   14   12.8, 283.9, 181.7,
-93.3, -96.0,
   15   12.8, 287.3, 139.9, -56.0, -94.4,   16   12.8, 281.9,   93.7,
-17.0, -90.0,
   17   12.8, 285.9, 103.9,   -3.3, -82.7,   18   12.8, 289.4, 148.8,
-12.2, -73.6,
   19   12.8, 284.0, 189.2, -20.6, -62.3,   20   12.8, 270.0, 223.9,
-28.5, -49.2,
   21   12.8, 247.8, 251.8, -35.4, -34.5,   22   12.8, 218.1, 272.0,
-41.3, -18.8,
   23   12.8, 181.7, 283.9, -46.0,   -2.4,   24   12.8, 139.9, 287.3,
-49.2,   13.9,
   25   12.8,   93.7, 281.9, -50.9,   29.9,   26   12.8, 103.9, 285.9,
-60.3,   48.6,
   27   12.8, 148.8, 289.4, -71.0,   62.2,   28   12.8, 189.2, 284.0,
-79.6,   74.0,
   29   12.8, 223.9, 270.0, -85.8,   83.5,   30   12.8, 251.8, 247.8,
-89.4,   90.5,
   31   12.8, 272.0, 218.1, -90.3,   94.7,   32   12.8, 283.9, 181.7,
-88.4,   96.0,
   33   12.8, 287.3, 139.9, -83.8,   94.4,   34   12.8, 281.9,   93.7,
-76.7,   90.0,
   35   12.8, 285.9, 103.9, -100.5,   82.7,   36   12.8, 289.4, 148.8,
-136.6,   73.6,

 SOURCE ID: EG23
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -171.8,   68.3,   2   12.8, 270.0, 223.9,
-199.7,   54.4,
    3   12.8, 247.8, 251.8, -221.4,   38.9,   4   12.8, 218.1, 272.0,
-236.4,   22.2,
    5   12.8, 181.7, 283.9, -244.3,   4.9,   6   12.8, 139.9, 287.3,
-244.7, -12.6,
    7   12.8,   93.7, 281.9, -237.7, -29.7,   8   12.8, 103.9, 285.9,
-232.3, -49.6,
    9   12.8, 148.8, 289.4, -224.7, -64.4,   10   12.8, 189.2, 284.0,
-210.3, -77.2,
   11   12.8, 223.9, 270.0, -189.4, -87.7,   12   12.8, 251.8, 247.8,
-162.8, -95.5,

```
   13   12.8,  272.0,  218.1, -131.3, -100.4,     14   12.8,  283.9,  181.7,
-95.8, -102.3,
   15   12.8,  287.3,  139.9,  -57.3, -101.0,     16   12.8,  281.9,   93.7,
-17.1,  -96.7,
   17   12.8,  285.9,  103.9,   -2.3,  -89.4,     18   12.8,  289.4,  148.8,
-10.0,  -80.0,
   19   12.8,  284.0,  189.2,  -17.4,  -68.3,     20   12.8,  270.0,  223.9,
-24.2,  -54.4,
   21   12.8,  247.8,  251.8,  -30.4,  -38.9,     22   12.8,  218.1,  272.0,
-35.6,  -22.2,
   23   12.8,  181.7,  283.9,  -39.7,   -4.9,     24   12.8,  139.9,  287.3,
-42.6,   12.6,
   25   12.8,   93.7,  281.9,  -44.2,   29.7,     26   12.8,  103.9,  285.9,
-53.6,   49.6,
   27   12.8,  148.8,  289.4,  -64.7,   64.4,     28   12.8,  189.2,  284.0,
-73.7,   77.2,
   29   12.8,  223.9,  270.0,  -80.6,   87.7,     30   12.8,  251.8,  247.8,
-85.0,   95.5,
   31   12.8,  272.0,  218.1,  -86.8,  100.4,     32   12.8,  283.9,  181.7,
-86.0,  102.3,
   33   12.8,  287.3,  139.9,  -82.5,  101.0,     34   12.8,  281.9,   93.7,
-76.6,   96.7,
   35   12.8,  285.9,  103.9, -101.5,   89.4,     36   12.8,  289.4,  148.8,
-138.8,   80.0,


 SOURCE ID: EG24
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -176.8,   79.6,      2   12.8,  270.0,  223.9,
-206.5,   64.7,
    3   12.8,  247.8,  251.8, -229.9,   47.9,      4   12.8,  218.1,  272.0,
-246.4,   29.6,
    5   12.8,  181.7,  283.9, -255.3,   10.4,      6   12.8,  139.9,  287.3,
-256.5,   -9.1,
    7   12.8,   93.7,  281.9, -250.0,  -28.3,      8   12.8,  103.9,  285.9,
-244.7,  -50.4,
    9   12.8,  148.8,  289.4, -236.7,  -67.3,     10   12.8,  189.2,  284.0,
-221.6,  -82.2,
   11   12.8,  223.9,  270.0, -199.7,  -94.5,     12   12.8,  251.8,  247.8,
-171.8, -104.0,
   13   12.8,  272.0,  218.1, -138.6, -110.4,     14   12.8,  283.9,  181.7,
-101.3, -113.4,
   15   12.8,  287.3,  139.9,  -60.8, -112.9,     16   12.8,  281.9,   93.7,
-18.5, -109.0,
   17   12.8,  285.9,  103.9,   -1.6, -101.7,     18   12.8,  289.4,  148.8,
-7.1,  -92.0,
   19   12.8,  284.0,  189.2,  -12.5,  -79.6,     20   12.8,  270.0,  223.9,
-17.4,  -64.7,
   21   12.8,  247.8,  251.8,  -21.9,  -47.9,     22   12.8,  218.1,  272.0,
```

```
-25.6,  -29.6,
   23   12.8,  181.7,  283.9,  -28.6,  -10.4,     24   12.8,  139.9,  287.3,
-30.7,    9.1,
   25   12.8,   93.7,  281.9,  -31.9,   28.3,     26   12.8,  103.9,  285.9,
-41.3,   50.4,
   27   12.8,  148.8,  289.4,  -52.6,   67.3,     28   12.8,  189.2,  284.0,
-62.4,   82.2,
   29   12.8,  223.9,  270.0,  -70.3,   94.5,     30   12.8,  251.8,  247.8,
-76.0,  104.0,
   31   12.8,  272.0,  218.1,  -79.4,  110.4,     32   12.8,  283.9,  181.7,
-80.5,  113.4,
   33   12.8,  287.3,  139.9,  -79.0,  112.9,     34   12.8,  281.9,   93.7,
-75.2,  109.0,
   35   12.8,  285.9,  103.9, -102.3,  101.7,     36   12.8,  289.4,  148.8,
-141.7,   92.0,

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       15:36:14

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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG01         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG02   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```
 SOURCE ID = EG03          ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE  26
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG04          ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = EG05   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = EG06   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = EG07   ; SOURCE TYPE = POINT   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE  30
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG08         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG09   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG10   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG11   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

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 - - -
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG13   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG14 ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG15 ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE  38
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG16          ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE  39
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG17         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG18 ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG19 ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG20   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        15:36:14

                                   PAGE  43
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG21         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        15:36:14

                                   PAGE  44
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG22   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE  46
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG24         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

     (396558.3, 3766771.1,   87.6,   105.5,   2.0);   (396598.3,
3766771.1,   91.2,   105.5,   2.0);
     (396638.3, 3766771.1,   99.2,   100.5,   2.0);   (396678.3,
3766771.1,   103.0,   103.0,   2.0);
     (396718.3, 3766771.1,   105.1,   105.1,   2.0);   (396758.3,
3766771.1,   104.2,   105.0,   2.0);
     (396798.3, 3766771.1,   100.8,   100.8,   2.0);   (396838.3,
3766771.1,   100.7,   100.7,   2.0);
     (396878.3, 3766771.1,   100.6,   100.6,   2.0);   (396918.3,
3766771.1,   101.1,   101.1,   2.0);
     (396958.3, 3766771.1,   101.5,   101.5,   2.0);   (396998.3,
3766771.1,   101.5,   101.5,   2.0);
     (397038.3, 3766771.1,   101.3,   101.3,   2.0);   (397078.3,
3766771.1,   101.1,   185.1,   2.0);
     (397118.3, 3766771.1,   100.2,   185.1,   2.0);   (397158.3,
3766771.1,   98.7,   187.7,   2.0);
     (397198.3, 3766771.1,   98.3,   188.4,   2.0);   (397238.3,
3766771.1,   98.6,   188.6,   2.0);
     (397278.3, 3766771.1,   99.2,   188.6,   2.0);   (397318.3,
3766771.1,   99.9,   188.6,   2.0);
     (397358.3, 3766771.1,   100.6,   188.6,   2.0);   (397398.3,
3766771.1,   101.5,   189.8,   2.0);
     (397438.3, 3766771.1,   102.2,   191.1,   2.0);   (397478.3,
3766771.1,   103.1,   191.1,   2.0);
     (397518.3, 3766771.1,   103.9,   191.1,   2.0);   (397558.3,
3766771.1,   104.6,   191.1,   2.0);
     (397598.3, 3766771.1,   105.3,   191.1,   2.0);   (397638.3,
3766771.1,   106.0,   191.1,   2.0);
     (397678.3, 3766771.1,   106.6,   191.1,   2.0);   (397718.3,
3766771.1,   106.6,   191.1,   2.0);
     (396558.3, 3766811.1,   87.7,   105.5,   2.0);   (396598.3,
3766811.1,   89.4,   105.5,   2.0);
     (396638.3, 3766811.1,   97.3,   104.7,   2.0);   (396678.3,
3766811.1,   102.7,   104.1,   2.0);

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3766811.1,     100.1,     105.5,       2.0);
     ( 396798.3, 3766811.1,     100.2,     100.2,       2.0);         ( 396838.3,
3766811.1,     100.5,     100.5,       2.0);
     ( 396878.3, 3766811.1,     100.7,     100.7,       2.0);         ( 396918.3,
3766811.1,     101.4,     101.4,       2.0);
     ( 396958.3, 3766811.1,     102.1,     102.1,       2.0);         ( 396998.3,
3766811.1,     102.4,     102.4,       2.0);
     ( 397038.3, 3766811.1,     102.3,     102.3,       2.0);         ( 397078.3,
3766811.1,     102.1,     102.1,       2.0);
     ( 397118.3, 3766811.1,     102.6,     102.6,       2.0);         ( 397158.3,
3766811.1,     102.5,     185.1,       2.0);
     ( 397198.3, 3766811.1,     101.3,     185.2,       2.0);         ( 397238.3,
3766811.1,     100.1,     188.4,       2.0);
     ( 397278.3, 3766811.1,      99.7,     188.6,       2.0);         ( 397318.3,
3766811.1,     100.2,     188.6,       2.0);
     ( 397358.3, 3766811.1,     101.1,     188.6,       2.0);         ( 397398.3,
3766811.1,     101.9,     189.2,       2.0);
     ( 397438.3, 3766811.1,     102.7,     190.2,       2.0);         ( 397478.3,
3766811.1,     103.6,     191.1,       2.0);
     ( 397518.3, 3766811.1,     104.3,     191.1,       2.0);         ( 397558.3,
3766811.1,     105.0,     191.1,       2.0);
     ( 397598.3, 3766811.1,     105.7,     191.1,       2.0);         ( 397638.3,
3766811.1,     106.4,     191.1,       2.0);
     ( 397678.3, 3766811.1,     107.1,     191.1,       2.0);         ( 397718.3,
3766811.1,     107.6,     191.1,       2.0);
     ( 396558.3, 3766851.1,      89.1,     104.7,       2.0);         ( 396598.3,
3766851.1,      89.0,     105.5,       2.0);
     ( 396638.3, 3766851.1,      92.1,     105.5,       2.0);         ( 396678.3,
3766851.1,      96.9,     104.7,       2.0);
     ( 396718.3, 3766851.1,      98.6,     104.7,       2.0);         ( 396758.3,
3766851.1,      98.5,      98.5,       2.0);
     ( 396798.3, 3766851.1,      99.2,      99.2,       2.0);         ( 396838.3,
3766851.1,     100.0,     100.0,       2.0);
     ( 396878.3, 3766851.1,     101.2,     101.2,       2.0);         ( 396918.3,
3766851.1,     101.4,     101.4,       2.0);
     ( 396958.3, 3766851.1,     102.1,     102.1,       2.0);         ( 396998.3,
3766851.1,     102.7,     102.7,       2.0);
     ( 397038.3, 3766851.1,     102.8,     102.8,       2.0);         ( 397078.3,
3766851.1,     103.5,     103.5,       2.0);
     ( 397118.3, 3766851.1,     104.5,     104.5,       2.0);         ( 397158.3,
3766851.1,     104.8,     104.8,       2.0);
     ( 397198.3, 3766851.1,     104.2,     104.2,       2.0);         ( 397238.3,
3766851.1,     103.8,     184.7,       2.0);
     ( 397278.3, 3766851.1,     102.9,     187.0,       2.0);         ( 397318.3,
3766851.1,     101.3,     188.6,       2.0);
     ( 397358.3, 3766851.1,     101.6,     188.6,       2.0);         ( 397398.3,
3766851.1,     102.3,     188.6,       2.0);
     ( 397438.3, 3766851.1,     103.2,     189.8,       2.0);         ( 397478.3,
3766851.1,     104.0,     190.2,       2.0);
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(397598.3, 3766851.1, 106.1, 191.1, 2.0); (397638.3, 3766851.1, 106.8, 191.1, 2.0);
(397678.3, 3766851.1, 107.5, 191.1, 2.0); (397718.3, 3766851.1, 108.2, 191.1, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396558.3, 3766891.1, 89.9, 133.9, 2.0); (396598.3, 3766891.1, 89.3, 133.9, 2.0);
(396638.3, 3766891.1, 91.7, 104.7, 2.0); (396678.3, 3766891.1, 96.0, 96.0, 2.0);
(396718.3, 3766891.1, 97.4, 97.4, 2.0); (396758.3, 3766891.1, 98.2, 98.2, 2.0);
(396798.3, 3766891.1, 98.9, 98.9, 2.0); (396838.3, 3766891.1, 99.6, 99.6, 2.0);
(396878.3, 3766891.1, 100.9, 100.9, 2.0); (396918.3, 3766891.1, 100.8, 100.8, 2.0);
(396958.3, 3766891.1, 101.7, 101.7, 2.0); (396998.3, 3766891.1, 102.5, 102.5, 2.0);
(397038.3, 3766891.1, 103.1, 103.1, 2.0); (397078.3, 3766891.1, 105.4, 105.4, 2.0);
(397118.3, 3766891.1, 106.4, 106.4, 2.0); (397158.3, 3766891.1, 105.5, 105.5, 2.0);
(397198.3, 3766891.1, 106.8, 106.8, 2.0); (397238.3, 3766891.1, 106.2, 106.2, 2.0);
(397278.3, 3766891.1, 106.0, 106.0, 2.0); (397318.3, 3766891.1, 105.6, 184.0, 2.0);
(397358.3, 3766891.1, 104.0, 188.3, 2.0); (397398.3, 3766891.1, 102.9, 188.6, 2.0);
(397438.3, 3766891.1, 103.4, 188.6, 2.0); (397478.3, 3766891.1, 104.2, 189.8, 2.0);
(397518.3, 3766891.1, 105.2, 190.2, 2.0); (397558.3, 3766891.1, 105.8, 191.1, 2.0);
(397598.3, 3766891.1, 106.5, 191.1, 2.0); (397638.3, 3766891.1, 107.2, 191.1, 2.0);
(397678.3, 3766891.1, 107.9, 191.1, 2.0); (397718.3, 3766891.1, 108.8, 191.1, 2.0);
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3766931.1,      94.9,      94.9,       2.0);
     ( 396718.3, 3766931.1,      97.3,      97.3,       2.0);         ( 396758.3,
3766931.1,      98.4,      98.4,       2.0);
     ( 396798.3, 3766931.1,      99.1,      99.1,       2.0);         ( 396838.3,
3766931.1,      99.5,      99.5,       2.0);
     ( 396878.3, 3766931.1,     100.0,     100.0,       2.0);         ( 396918.3,
3766931.1,     100.6,     100.6,       2.0);
     ( 396958.3, 3766931.1,     101.3,     101.3,       2.0);         ( 396998.3,
3766931.1,     102.5,     102.5,       2.0);
     ( 397038.3, 3766931.1,     104.5,     104.5,       2.0);         ( 397078.3,
3766931.1,     106.6,     106.6,       2.0);
     ( 397118.3, 3766931.1,     108.4,     108.4,       2.0);         ( 397158.3,
3766931.1,     108.6,     108.6,       2.0);
     ( 397198.3, 3766931.1,     109.1,     109.1,       2.0);         ( 397238.3,
3766931.1,     108.9,     108.9,       2.0);
     ( 397278.3, 3766931.1,     107.8,     107.8,       2.0);         ( 397318.3,
3766931.1,     107.8,     147.6,       2.0);
     ( 397358.3, 3766931.1,     109.6,     118.5,       2.0);         ( 397398.3,
3766931.1,     107.2,     184.7,       2.0);
     ( 397438.3, 3766931.1,     105.1,     188.4,       2.0);         ( 397478.3,
3766931.1,     105.0,     188.6,       2.0);
     ( 397518.3, 3766931.1,     106.2,     188.6,       2.0);         ( 397558.3,
3766931.1,     106.4,     190.2,       2.0);
     ( 397598.3, 3766931.1,     106.9,     191.1,       2.0);         ( 397638.3,
3766931.1,     107.5,     191.1,       2.0);
     ( 397678.3, 3766931.1,     108.1,     191.1,       2.0);         ( 397718.3,
3766931.1,     110.0,     191.1,       2.0);
     ( 396558.3, 3766971.1,      93.1,     135.5,       2.0);         ( 396598.3,
3766971.1,      92.7,     135.5,       2.0);
     ( 396638.3, 3766971.1,      94.0,     135.0,       2.0);         ( 396678.3,
3766971.1,      95.0,     133.9,       2.0);
     ( 396718.3, 3766971.1,      96.8,      96.8,       2.0);         ( 396758.3,
3766971.1,      98.2,      98.2,       2.0);
     ( 396798.3, 3766971.1,      99.2,      99.2,       2.0);         ( 396838.3,
3766971.1,     100.1,     100.1,       2.0);
     ( 396878.3, 3766971.1,     100.1,     100.1,       2.0);         ( 396918.3,
3766971.1,     100.5,     100.5,       2.0);
     ( 396958.3, 3766971.1,     101.3,     134.6,       2.0);         ( 396998.3,
3766971.1,     103.3,     103.3,       2.0);
     ( 397038.3, 3766971.1,     105.5,     105.5,       2.0);         ( 397078.3,
3766971.1,     107.4,     107.4,       2.0);
     ( 397118.3, 3766971.1,     109.2,     109.2,       2.0);         ( 397158.3,
3766971.1,     109.7,     109.7,       2.0);
     ( 397198.3, 3766971.1,     109.7,     109.7,       2.0);         ( 397238.3,
3766971.1,     109.6,     109.6,       2.0);
     ( 397278.3, 3766971.1,     109.3,     149.0,       2.0);         ( 397318.3,
3766971.1,     110.3,     149.0,       2.0);
     ( 397358.3, 3766971.1,     115.5,     117.7,       2.0);         ( 397398.3,
3766971.1,     114.0,     118.2,       2.0);
```

(397438.3, 3766971.1, 109.0, 149.0, 2.0); (397478.3, 3766971.1, 107.3, 186.4, 2.0);
(397518.3, 3766971.1, 107.2, 188.3, 2.0); (397558.3, 3766971.1, 107.1, 188.6, 2.0);
(397598.3, 3766971.1, 107.4, 190.2, 2.0); (397638.3, 3766971.1, 107.7, 190.6, 2.0);
(397678.3, 3766971.1, 107.8, 191.1, 2.0); (397718.3, 3766971.1, 110.6, 191.1, 2.0);

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396558.3, 3767011.1, 94.7, 135.7, 2.0); (396598.3, 3767011.1, 93.5, 135.7, 2.0);
(396638.3, 3767011.1, 94.6, 135.5, 2.0); (396678.3, 3767011.1, 96.0, 135.0, 2.0);
(396718.3, 3767011.1, 97.0, 133.9, 2.0); (396758.3, 3767011.1, 98.4, 98.4, 2.0);
(396798.3, 3767011.1, 99.5, 99.5, 2.0); (396838.3, 3767011.1, 100.6, 100.6, 2.0);
(396878.3, 3767011.1, 100.9, 134.6, 2.0); (396918.3, 3767011.1, 101.3, 134.6, 2.0);
(396958.3, 3767011.1, 101.5, 134.7, 2.0); (396998.3, 3767011.1, 103.7, 134.6, 2.0);
(397038.3, 3767011.1, 105.8, 134.6, 2.0); (397078.3, 3767011.1, 107.7, 107.7, 2.0);
(397118.3, 3767011.1, 109.4, 109.4, 2.0); (397158.3, 3767011.1, 109.6, 109.6, 2.0);
(397198.3, 3767011.1, 109.7, 147.6, 2.0); (397238.3, 3767011.1, 109.5, 149.0, 2.0);
(397278.3, 3767011.1, 110.1, 149.0, 2.0); (397318.3, 3767011.1, 111.3, 149.0, 2.0);
(397358.3, 3767011.1, 116.5, 147.6, 2.0); (397398.3, 3767011.1, 118.0, 118.0, 2.0);
(397438.3, 3767011.1, 113.2, 149.0, 2.0); (397478.3, 3767011.1, 109.0, 149.0, 2.0);
(397518.3, 3767011.1, 108.0, 149.0, 2.0); (397558.3, 3767011.1, 107.9, 187.3, 2.0);
(397598.3, 3767011.1, 107.9, 188.3, 2.0); (397638.3, 3767011.1, 108.1, 189.8, 2.0);
(397678.3, 3767011.1, 108.0, 190.6, 2.0); (397718.3, 3767011.1, 111.5, 190.2, 2.0);

```
    ( 396558.3, 3767051.1,      96.1,     135.7,       2.0);         ( 396598.3,
3767051.1,      95.6,     135.7,       2.0);
    ( 396638.3, 3767051.1,      95.1,     135.7,       2.0);         ( 396678.3,
3767051.1,      96.7,     135.7,       2.0);
    ( 396718.3, 3767051.1,      97.9,     135.5,       2.0);         ( 396758.3,
3767051.1,      99.0,     133.9,       2.0);
    ( 396798.3, 3767051.1,     100.2,     134.6,       2.0);         ( 396838.3,
3767051.1,     101.2,     134.6,       2.0);
    ( 396878.3, 3767051.1,     102.1,     134.6,       2.0);         ( 396918.3,
3767051.1,     102.9,     142.2,       2.0);
    ( 396958.3, 3767051.1,     103.1,     142.2,       2.0);         ( 396998.3,
3767051.1,     104.0,     142.2,       2.0);
    ( 397038.3, 3767051.1,     105.9,     140.2,       2.0);         ( 397078.3,
3767051.1,     107.8,     134.6,       2.0);
    ( 397118.3, 3767051.1,     109.1,     134.6,       2.0);         ( 397158.3,
3767051.1,     109.4,     149.0,       2.0);
    ( 397198.3, 3767051.1,     109.5,     149.0,       2.0);         ( 397238.3,
3767051.1,     109.4,     149.0,       2.0);
    ( 397278.3, 3767051.1,     110.4,     149.0,       2.0);         ( 397318.3,
3767051.1,     111.8,     149.0,       2.0);
    ( 397358.3, 3767051.1,     114.0,     149.0,       2.0);         ( 397398.3,
3767051.1,     117.9,     149.0,       2.0);
    ( 397438.3, 3767051.1,     115.9,     149.0,       2.0);         ( 397478.3,
3767051.1,     112.9,     149.0,       2.0);
    ( 397518.3, 3767051.1,     111.4,     149.0,       2.0);         ( 397558.3,
3767051.1,     111.1,     149.0,       2.0);
    ( 397598.3, 3767051.1,     109.6,     149.0,       2.0);         ( 397638.3,
3767051.1,     108.8,     186.4,       2.0);
    ( 397678.3, 3767051.1,     108.9,     187.8,       2.0);         ( 397718.3,
3767051.1,     112.3,     184.8,       2.0);
    ( 396558.3, 3767091.1,      98.4,     135.7,       2.0);         ( 396598.3,
3767091.1,      98.8,     135.7,       2.0);
    ( 396638.3, 3767091.1,      96.8,     135.7,       2.0);         ( 396678.3,
3767091.1,      96.6,     135.7,       2.0);
    ( 396718.3, 3767091.1,      98.4,     135.7,       2.0);         ( 396758.3,
3767091.1,      99.8,     135.0,       2.0);
    ( 396798.3, 3767091.1,     100.9,     134.6,       2.0);         ( 396838.3,
3767091.1,     102.1,     142.2,       2.0);
    ( 396878.3, 3767091.1,     102.9,     142.2,       2.0);         ( 396918.3,
3767091.1,     103.6,     142.2,       2.0);
    ( 396958.3, 3767091.1,     104.0,     142.2,       2.0);         ( 396998.3,
3767091.1,     105.4,     142.2,       2.0);
    ( 397078.3, 3767091.1,     107.8,     147.6,       2.0);         ( 397118.3,
3767091.1,     108.7,     149.0,       2.0);
    ( 397158.3, 3767091.1,     109.1,     149.0,       2.0);         ( 397198.3,
3767091.1,     109.5,     149.0,       2.0);
    ( 397238.3, 3767091.1,     109.5,     149.0,       2.0);         ( 397278.3,
3767091.1,     110.5,     149.0,       2.0);
    ( 397318.3, 3767091.1,     111.9,     149.0,       2.0);         ( 397358.3,
3767091.1,     113.8,     149.0,       2.0);
```

(397398.3, 3767091.1, 116.6, 149.0, 2.0); (397438.3, 3767091.1, 117.2, 149.0, 2.0);
(397478.3, 3767091.1, 118.2, 149.0, 2.0); (397518.3, 3767091.1, 117.6, 149.0, 2.0);
(397558.3, 3767091.1, 117.9, 149.0, 2.0); (397598.3, 3767091.1, 114.8, 149.0, 2.0);
(397638.3, 3767091.1, 110.9, 149.0, 2.0); (397678.3, 3767091.1, 110.4, 149.0, 2.0);
(397718.3, 3767091.1, 112.0, 147.2, 2.0); (396558.3, 3767131.1, 101.2, 135.7, 2.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396598.3, 3767131.1, 101.2, 135.7, 2.0); (396638.3, 3767131.1, 100.3, 135.7, 2.0);
(396678.3, 3767131.1, 97.7, 135.7, 2.0); (396718.3, 3767131.1, 98.2, 135.7, 2.0);
(396758.3, 3767131.1, 100.1, 142.2, 2.0); (396798.3, 3767131.1, 101.8, 142.2, 2.0);
(396838.3, 3767131.1, 103.2, 142.2, 2.0); (396878.3, 3767131.1, 104.6, 142.2, 2.0);
(396918.3, 3767131.1, 104.8, 142.2, 2.0); (396958.3, 3767131.1, 106.1, 142.2, 2.0);
(397238.3, 3767131.1, 111.0, 149.0, 2.0); (397278.3, 3767131.1, 111.3, 149.0, 2.0);
(397318.3, 3767131.1, 112.3, 149.0, 2.0); (397358.3, 3767131.1, 114.1, 149.0, 2.0);
(397398.3, 3767131.1, 116.4, 149.0, 2.0); (397438.3, 3767131.1, 117.3, 149.0, 2.0);
(397478.3, 3767131.1, 119.7, 149.0, 2.0); (397518.3, 3767131.1, 119.3, 149.0, 2.0);
(397558.3, 3767131.1, 119.0, 149.0, 2.0); (397598.3, 3767131.1, 117.4, 149.0, 2.0);
(397638.3, 3767131.1, 112.6, 149.0, 2.0); (397678.3, 3767131.1, 111.8, 149.0, 2.0);
(397718.3, 3767131.1, 112.0, 148.5, 2.0); (396558.3, 3767171.1, 104.7, 135.7, 2.0);
(396598.3, 3767171.1, 103.9, 135.7, 2.0); (396638.3, 3767171.1, 103.5, 135.7, 2.0);
(396678.3, 3767171.1, 100.8, 135.7, 2.0); (396718.3, 3767171.1, 98.7, 142.2, 2.0);

```
     ( 396758.3, 3767171.1,      99.9,     142.2,       2.0);         ( 396798.3,
3767171.1,     102.6,     142.2,       2.0);
     ( 396838.3, 3767171.1,     104.8,     142.2,       2.0);         ( 396878.3,
3767171.1,     107.3,     142.2,       2.0);
     ( 396918.3, 3767171.1,     109.2,     142.2,       2.0);         ( 397438.3,
3767171.1,     117.8,     149.0,       2.0);
     ( 397478.3, 3767171.1,     118.3,     149.0,       2.0);         ( 397518.3,
3767171.1,     117.1,     149.0,       2.0);
     ( 397558.3, 3767171.1,     116.0,     149.0,       2.0);         ( 397598.3,
3767171.1,     114.8,     149.3,       2.0);
     ( 397638.3, 3767171.1,     113.6,     149.3,       2.0);         ( 397678.3,
3767171.1,     113.6,     149.0,       2.0);
     ( 397718.3, 3767171.1,     113.3,     148.8,       2.0);         ( 396558.3,
3767211.1,     106.5,     135.7,       2.0);
     ( 396598.3, 3767211.1,     106.3,     135.7,       2.0);         ( 396638.3,
3767211.1,     105.5,     135.7,       2.0);
     ( 396678.3, 3767211.1,     105.1,     135.7,       2.0);         ( 396718.3,
3767211.1,     100.8,     178.2,       2.0);
     ( 396758.3, 3767211.1,     100.1,     179.2,       2.0);         ( 396798.3,
3767211.1,     102.1,     178.2,       2.0);
     ( 396838.3, 3767211.1,     105.7,     142.2,       2.0);         ( 396878.3,
3767211.1,     108.1,     142.2,       2.0);
     ( 396918.3, 3767211.1,     111.7,     142.2,       2.0);         ( 396958.3,
3767211.1,     113.3,     142.2,       2.0);
     ( 397438.3, 3767211.1,     124.2,     149.0,       2.0);         ( 397478.3,
3767211.1,     123.3,     149.0,       2.0);
     ( 397518.3, 3767211.1,     119.6,     149.3,       2.0);         ( 397558.3,
3767211.1,     117.5,     149.3,       2.0);
     ( 397598.3, 3767211.1,     115.6,     149.6,       2.0);         ( 397638.3,
3767211.1,     115.3,     149.3,       2.0);
     ( 397678.3, 3767211.1,     115.4,     149.3,       2.0);         ( 397718.3,
3767211.1,     114.8,     148.9,       2.0);
     ( 396558.3, 3767251.1,     111.2,     135.7,       2.0);         ( 396598.3,
3767251.1,     110.0,     135.7,       2.0);
     ( 396638.3, 3767251.1,     109.5,     135.7,       2.0);         ( 396678.3,
3767251.1,     109.1,     135.7,       2.0);
     ( 396718.3, 3767251.1,     105.3,     136.3,       2.0);         ( 396758.3,
3767251.1,     101.1,     187.0,       2.0);
     ( 396798.3, 3767251.1,     102.0,     187.3,       2.0);         ( 396838.3,
3767251.1,     104.5,     187.3,       2.0);
     ( 396878.3, 3767251.1,     109.0,     142.2,       2.0);         ( 396918.3,
3767251.1,     117.0,     142.2,       2.0);
     ( 396958.3, 3767251.1,     119.7,     142.2,       2.0);         ( 396998.3,
3767251.1,     121.8,     142.2,       2.0);
     ( 397038.3, 3767251.1,     123.3,     142.2,       2.0);         ( 397078.3,
3767251.1,     120.5,     142.2,       2.0);
     ( 397118.3, 3767251.1,     113.7,     187.6,       2.0);         ( 397318.3,
3767251.1,     118.7,     149.0,       2.0);
     ( 397358.3, 3767251.1,     124.9,     149.0,       2.0);         ( 397398.3,
3767251.1,     133.5,     149.0,       2.0);
```

(397438.3, 3767251.1, 134.6, 149.0, 2.0); (397478.3, 3767251.1, 130.7, 149.0, 2.0);
(397518.3, 3767251.1, 125.3, 149.0, 2.0); (397558.3, 3767251.1, 123.5, 149.3, 2.0);
(397598.3, 3767251.1, 121.4, 149.3, 2.0); (397638.3, 3767251.1, 118.3, 149.6, 2.0);
(397678.3, 3767251.1, 117.5, 149.3, 2.0); (397718.3, 3767251.1, 116.6, 149.2, 2.0);
(396558.3, 3767291.1, 125.5, 135.5, 2.0); (396598.3, 3767291.1, 120.7, 135.7, 2.0);
(396638.3, 3767291.1, 119.2, 135.7, 2.0); (396678.3, 3767291.1, 115.6, 135.7, 2.0);

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396718.3, 3767291.1, 111.7, 135.7, 2.0); (396758.3, 3767291.1, 102.9, 187.3, 2.0);
(396798.3, 3767291.1, 102.6, 188.3, 2.0); (396838.3, 3767291.1, 104.8, 188.3, 2.0);
(396878.3, 3767291.1, 115.3, 142.2, 2.0); (396918.3, 3767291.1, 120.6, 142.2, 2.0);
(396958.3, 3767291.1, 122.8, 142.2, 2.0); (396998.3, 3767291.1, 128.6, 140.2, 2.0);
(397038.3, 3767291.1, 134.4, 134.4, 2.0); (397078.3, 3767291.1, 132.8, 134.1, 2.0);
(397118.3, 3767291.1, 125.5, 142.2, 2.0); (397158.3, 3767291.1, 115.4, 188.9, 2.0);
(397278.3, 3767291.1, 120.7, 149.0, 2.0); (397318.3, 3767291.1, 124.3, 149.0, 2.0);
(397358.3, 3767291.1, 133.3, 149.0, 2.0); (397398.3, 3767291.1, 143.5, 147.8, 2.0);
(397438.3, 3767291.1, 143.7, 147.8, 2.0); (397478.3, 3767291.1, 139.6, 148.3, 2.0);
(397518.3, 3767291.1, 137.4, 148.5, 2.0); (397558.3, 3767291.1, 138.5, 145.4, 2.0);
(397598.3, 3767291.1, 136.8, 144.6, 2.0); (397638.3, 3767291.1, 127.3, 148.8, 2.0);
(397678.3, 3767291.1, 120.5, 149.3, 2.0); (397718.3, 3767291.1, 118.7, 150.4, 2.0);
(396558.3, 3767331.1, 134.0, 134.0, 2.0); (396598.3, 3767331.1, 131.8, 131.8, 2.0);

```
     ( 396638.3, 3767331.1,     128.4,     129.7,       2.0);         ( 396678.3,
3767331.1,     120.2,     135.7,       2.0);
     ( 396718.3, 3767331.1,     114.9,     135.7,       2.0);         ( 396758.3,
3767331.1,     105.4,     187.6,       2.0);
     ( 396798.3, 3767331.1,     103.5,     188.9,       2.0);         ( 396838.3,
3767331.1,     105.5,     188.9,       2.0);
     ( 396878.3, 3767331.1,     116.4,     178.2,       2.0);         ( 396918.3,
3767331.1,     122.3,     142.2,       2.0);
     ( 396958.3, 3767331.1,     125.5,     142.2,       2.0);         ( 396998.3,
3767331.1,     127.4,     142.2,       2.0);
     ( 397038.3, 3767331.1,     133.7,     140.2,       2.0);         ( 397078.3,
3767331.1,     135.0,     135.0,       2.0);
     ( 397118.3, 3767331.1,     132.2,     142.2,       2.0);         ( 397158.3,
3767331.1,     126.8,     142.2,       2.0);
     ( 397198.3, 3767331.1,     125.9,     149.0,       2.0);         ( 397238.3,
3767331.1,     124.0,     149.0,       2.0);
     ( 397278.3, 3767331.1,     125.5,     149.0,       2.0);         ( 397318.3,
3767331.1,     131.3,     149.0,       2.0);
     ( 397358.3, 3767331.1,     138.4,     149.0,       2.0);         ( 397398.3,
3767331.1,     147.7,     147.7,       2.0);
     ( 397438.3, 3767331.1,     147.6,     147.6,       2.0);         ( 397478.3,
3767331.1,     145.7,     145.7,       2.0);
     ( 397518.3, 3767331.1,     145.0,     145.0,       2.0);         ( 397558.3,
3767331.1,     144.4,     144.4,       2.0);
     ( 397598.3, 3767331.1,     143.6,     143.6,       2.0);         ( 397638.3,
3767331.1,     138.8,     144.5,       2.0);
     ( 397678.3, 3767331.1,     127.8,     148.8,       2.0);         ( 397718.3,
3767331.1,     121.9,     150.4,       2.0);
     ( 396558.3, 3767371.1,     134.8,     134.8,       2.0);         ( 396598.3,
3767371.1,     129.8,     135.5,       2.0);
     ( 396638.3, 3767371.1,     125.8,     135.7,       2.0);         ( 396678.3,
3767371.1,     118.3,     136.3,       2.0);
     ( 396718.3, 3767371.1,     112.6,     179.2,       2.0);         ( 396758.3,
3767371.1,     107.4,     187.6,       2.0);
     ( 396798.3, 3767371.1,     104.9,     188.9,       2.0);         ( 396838.3,
3767371.1,     105.7,     188.9,       2.0);
     ( 396878.3, 3767371.1,     114.0,     187.6,       2.0);         ( 396918.3,
3767371.1,     120.9,     178.2,       2.0);
     ( 396958.3, 3767371.1,     125.6,     142.2,       2.0);         ( 396998.3,
3767371.1,     127.5,     142.2,       2.0);
     ( 397038.3, 3767371.1,     134.4,     142.2,       2.0);         ( 397078.3,
3767371.1,     138.0,     140.2,       2.0);
     ( 397118.3, 3767371.1,     135.8,     141.9,       2.0);         ( 397158.3,
3767371.1,     135.4,     137.8,       2.0);
     ( 397198.3, 3767371.1,     132.5,     139.4,       2.0);         ( 397238.3,
3767371.1,     129.2,     149.0,       2.0);
     ( 397278.3, 3767371.1,     129.5,     149.0,       2.0);         ( 397318.3,
3767371.1,     134.3,     149.0,       2.0);
     ( 397358.3, 3767371.1,     138.9,     149.0,       2.0);         ( 397398.3,
3767371.1,     148.1,     148.1,       2.0);
```

(397438.3, 3767371.1, 148.3, 148.3, 2.0); (397478.3, 3767371.1, 147.7, 147.7, 2.0);
(397518.3, 3767371.1, 146.8, 146.8, 2.0); (397558.3, 3767371.1, 145.8, 145.8, 2.0);
(397598.3, 3767371.1, 144.6, 144.6, 2.0); (397638.3, 3767371.1, 144.0, 144.0, 2.0);
(397678.3, 3767371.1, 139.7, 144.9, 2.0); (397718.3, 3767371.1, 129.0, 149.1, 2.0);
(396558.3, 3767411.1, 135.2, 135.2, 2.0); (396598.3, 3767411.1, 128.0, 135.7, 2.0);
(396638.3, 3767411.1, 121.1, 136.3, 2.0); (396678.3, 3767411.1, 115.7, 179.2, 2.0);
(396718.3, 3767411.1, 112.4, 186.6, 2.0); (396758.3, 3767411.1, 108.8, 188.3, 2.0);

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396798.3, 3767411.1, 106.0, 188.9, 2.0); (396838.3, 3767411.1, 106.9, 188.9, 2.0);
(396878.3, 3767411.1, 113.9, 188.9, 2.0); (396918.3, 3767411.1, 119.2, 188.3, 2.0);
(396958.3, 3767411.1, 125.5, 186.6, 2.0); (396998.3, 3767411.1, 131.9, 142.2, 2.0);
(397038.3, 3767411.1, 138.6, 142.2, 2.0); (397078.3, 3767411.1, 141.9, 141.9, 2.0);
(397118.3, 3767411.1, 140.9, 141.2, 2.0); (397158.3, 3767411.1, 137.9, 139.4, 2.0);
(397198.3, 3767411.1, 134.3, 134.3, 2.0); (397238.3, 3767411.1, 131.6, 187.6, 2.0);
(397278.3, 3767411.1, 130.9, 187.6, 2.0); (397318.3, 3767411.1, 134.1, 149.0, 2.0);
(397358.3, 3767411.1, 137.6, 149.0, 2.0); (397398.3, 3767411.1, 146.7, 147.7, 2.0);
(397438.3, 3767411.1, 148.4, 148.4, 2.0); (397478.3, 3767411.1, 148.7, 148.7, 2.0);
(397518.3, 3767411.1, 148.2, 148.2, 2.0); (397558.3, 3767411.1, 147.1, 147.1, 2.0);
(397598.3, 3767411.1, 145.6, 145.6, 2.0); (397638.3, 3767411.1, 144.9, 144.9, 2.0);
(397678.3, 3767411.1, 144.9, 144.9, 2.0); (397718.3, 3767411.1, 139.1, 145.3, 2.0);

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     ( 396558.3, 3767451.1,     133.6,     133.6,       2.0);         ( 396598.3,
3767451.1,     127.7,     135.7,       2.0);
     ( 396638.3, 3767451.1,     120.9,     136.8,       2.0);         ( 396678.3,
3767451.1,     117.4,     179.2,       2.0);
     ( 396718.3, 3767451.1,     115.4,     186.6,       2.0);         ( 396758.3,
3767451.1,     110.2,     188.9,       2.0);
     ( 396798.3, 3767451.1,     106.8,     188.9,       2.0);         ( 396838.3,
3767451.1,     108.8,     188.9,       2.0);
     ( 396878.3, 3767451.1,     113.5,     188.9,       2.0);         ( 396918.3,
3767451.1,     118.9,     188.9,       2.0);
     ( 396958.3, 3767451.1,     125.3,     187.6,       2.0);         ( 396998.3,
3767451.1,     131.1,     186.6,       2.0);
     ( 397038.3, 3767451.1,     136.7,     142.2,       2.0);         ( 397078.3,
3767451.1,     140.6,     140.6,       2.0);
     ( 397118.3, 3767451.1,     141.6,     141.6,       2.0);         ( 397158.3,
3767451.1,     139.4,     139.4,       2.0);
     ( 397198.3, 3767451.1,     136.1,     136.1,       2.0);         ( 397238.3,
3767451.1,     133.5,     188.9,       2.0);
     ( 397278.3, 3767451.1,     131.8,     188.9,       2.0);         ( 397318.3,
3767451.1,     133.4,     188.9,       2.0);
     ( 397358.3, 3767451.1,     136.6,     149.0,       2.0);         ( 397398.3,
3767451.1,     145.4,     147.2,       2.0);
     ( 397438.3, 3767451.1,     147.7,     147.7,       2.0);         ( 397478.3,
3767451.1,     148.5,     148.5,       2.0);
     ( 397518.3, 3767451.1,     148.6,     148.6,       2.0);         ( 397558.3,
3767451.1,     147.8,     147.8,       2.0);
     ( 397598.3, 3767451.1,     146.3,     146.3,       2.0);         ( 397638.3,
3767451.1,     145.6,     145.6,       2.0);
     ( 397678.3, 3767451.1,     145.4,     145.4,       2.0);         ( 397718.3,
3767451.1,     143.1,     143.1,       2.0);
     ( 396558.3, 3767491.1,     132.0,     132.0,       2.0);         ( 396598.3,
3767491.1,     127.6,     136.8,       2.0);
     ( 396638.3, 3767491.1,     126.6,     136.8,       2.0);         ( 396678.3,
3767491.1,     125.9,     136.8,       2.0);
     ( 396718.3, 3767491.1,     122.0,     179.2,       2.0);         ( 396758.3,
3767491.1,     112.0,     188.9,       2.0);
     ( 396798.3, 3767491.1,     107.5,     188.9,       2.0);         ( 396838.3,
3767491.1,     109.0,     188.9,       2.0);
     ( 396878.3, 3767491.1,     112.7,     188.9,       2.0);         ( 396918.3,
3767491.1,     118.4,     188.9,       2.0);
     ( 396958.3, 3767491.1,     123.7,     188.9,       2.0);         ( 396998.3,
3767491.1,     128.9,     188.9,       2.0);
     ( 397038.3, 3767491.1,     135.5,     187.0,       2.0);         ( 397078.3,
3767491.1,     139.6,     139.6,       2.0);
     ( 397118.3, 3767491.1,     141.3,     141.3,       2.0);         ( 397158.3,
3767491.1,     140.1,     140.1,       2.0);
     ( 397198.3, 3767491.1,     137.2,     187.6,       2.0);         ( 397238.3,
3767491.1,     134.8,     188.9,       2.0);
     ( 397278.3, 3767491.1,     133.2,     188.9,       2.0);         ( 397318.3,
3767491.1,     133.0,     188.9,       2.0);
```

(397358.3, 3767491.1, 135.1, 188.9, 2.0); (397398.3, 3767491.1, 141.3, 148.1, 2.0);
(397438.3, 3767491.1, 145.7, 145.7, 2.0); (397478.3, 3767491.1, 148.2, 148.2, 2.0);
(397518.3, 3767491.1, 149.0, 149.0, 2.0); (397558.3, 3767491.1, 148.5, 148.5, 2.0);
(397598.3, 3767491.1, 146.5, 146.5, 2.0); (397638.3, 3767491.1, 146.2, 146.2, 2.0);
(397678.3, 3767491.1, 145.9, 145.9, 2.0); (397718.3, 3767491.1, 144.1, 145.4, 2.0);
(396558.3, 3767531.1, 133.5, 133.5, 2.0); (396598.3, 3767531.1, 132.4, 136.8, 2.0);
(396638.3, 3767531.1, 134.6, 136.3, 2.0); (396678.3, 3767531.1, 133.6, 136.3, 2.0);
(396718.3, 3767531.1, 125.4, 179.2, 2.0); (396758.3, 3767531.1, 111.2, 188.9, 2.0);

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396798.3, 3767531.1, 108.6, 188.9, 2.0); (396838.3, 3767531.1, 112.0, 188.9, 2.0);
(396878.3, 3767531.1, 113.6, 188.9, 2.0); (396918.3, 3767531.1, 116.8, 188.9, 2.0);
(396958.3, 3767531.1, 121.4, 188.9, 2.0); (396998.3, 3767531.1, 126.2, 188.9, 2.0);
(397038.3, 3767531.1, 133.5, 188.9, 2.0); (397078.3, 3767531.1, 136.9, 188.9, 2.0);
(397118.3, 3767531.1, 140.5, 187.6, 2.0); (397158.3, 3767531.1, 140.7, 187.6, 2.0);
(397198.3, 3767531.1, 138.5, 188.9, 2.0); (397238.3, 3767531.1, 136.3, 188.9, 2.0);
(397278.3, 3767531.1, 134.5, 188.9, 2.0); (397318.3, 3767531.1, 133.7, 188.9, 2.0);
(397358.3, 3767531.1, 134.0, 188.9, 2.0); (397398.3, 3767531.1, 139.0, 188.9, 2.0);
(397438.3, 3767531.1, 146.3, 146.3, 2.0); (397478.3, 3767531.1, 148.9, 148.9, 2.0);
(397518.3, 3767531.1, 149.4, 149.4, 2.0); (397558.3, 3767531.1, 149.1, 149.1, 2.0);
(397598.3, 3767531.1, 147.0, 147.0, 2.0); (397638.3, 3767531.1, 147.3, 147.3, 2.0);

```
     ( 397678.3, 3767531.1,     147.5,     147.5,       2.0);         ( 397718.3,
3767531.1,     146.1,     147.0,       2.0);
     ( 397320.8, 3767219.1,     114.7,     149.3,       0.0);         ( 397330.8,
3767209.1,     114.5,     149.3,       0.0);
     ( 397340.8, 3767189.1,     113.5,     149.3,       0.0);         ( 397340.8,
3767199.1,     114.0,     149.3,       0.0);
     ( 397340.8, 3767209.1,     115.0,     149.3,       0.0);         ( 397350.8,
3767189.1,     113.7,     149.3,       0.0);
     ( 397350.8, 3767199.1,     114.3,     149.3,       0.0);         ( 397360.8,
3767189.1,     114.1,     149.3,       0.0);
     ( 397360.8, 3767199.1,     114.7,     149.3,       0.0);         ( 397370.8,
3767189.1,     114.4,     149.3,       0.0);
     ( 397380.8, 3767189.1,     114.9,     149.3,       0.0);         ( 396934.7,
3767169.5,     108.7,     142.2,       2.0);
     ( 397014.5, 3767229.6,     112.6,     142.2,       2.0);         ( 397044.1,
3767224.0,     112.6,     142.2,       2.0);
     ( 397113.6, 3767239.9,     112.1,     187.6,       2.0);         ( 397158.6,
3767280.3,     113.8,     188.9,       2.0);
     ( 397169.0, 3767307.0,     119.0,     187.6,       2.0);         ( 397244.0,
3767296.7,     118.1,     188.9,       2.0);
     ( 397261.0, 3767278.9,     117.5,     187.6,       2.0);         ( 397409.7,
3767205.7,     119.8,     149.0,       2.0);
     ( 397422.9, 3767189.2,     118.1,     149.0,       2.0);         ( 397426.6,
3767180.8,     117.9,     149.0,       2.0);
     ( 397420.5, 3767170.5,     116.8,     149.0,       2.0);         ( 397318.7,
3767160.1,     112.9,     149.0,       2.0);
     ( 397023.0, 3767083.6,     105.7,     142.2,       2.0);         ( 396920.4,
3767167.3,     108.8,     142.2,       2.0);
     ( 396990.0, 3767243.5,     119.6,     142.2,       2.0);         ( 397044.1,
3767224.0,     112.6,     142.2,       2.0);
     ( 397113.6, 3767239.9,     112.1,     187.6,       2.0);         ( 397158.6,
3767280.3,     113.8,     188.9,       2.0);
     ( 397169.0, 3767307.0,     119.0,     187.6,       2.0);         ( 397244.0,
3767296.7,     118.1,     188.9,       2.0);
     ( 397261.0, 3767278.9,     117.5,     187.6,       2.0);         ( 397409.7,
3767205.7,     119.8,     149.0,       2.0);
     ( 397422.9, 3767189.2,     118.1,     149.0,       2.0);         ( 397426.6,
3767180.8,     117.9,     149.0,       2.0);
     ( 397420.5, 3767170.5,     116.8,     149.0,       2.0);         ( 397318.7,
3767160.1,     112.9,     149.0,       2.0);
     ( 397023.0, 3767083.6,     105.7,     142.2,       2.0);

↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                         ***       15:36:14

                                   PAGE  54
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *

LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000077	397014.5	3767229.6	0.32
L0000109	397044.1	3767224.0	-3.28
L0000109	397044.1	3767224.0	-3.28
L0000143	397113.6	3767239.9	-1.57
L0000143	397113.6	3767239.9	-1.57
L0000144	397113.6	3767239.9	-2.05
L0000144	397113.6	3767239.9	-2.05
L0000208	397158.6	3767280.3	0.54
L0000208	397158.6	3767280.3	0.54
L0000209	397158.6	3767280.3	-3.37
L0000209	397158.6	3767280.3	-3.37
L0000271	397318.7	3767160.1	-0.54
L0000271	397318.7	3767160.1	-0.54

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: PICO_V9_ADJU\PICO_V9.SFC
Met Version: 16216
Profile file: PICO_V9_ADJU\PICO_V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: PICO Name: UNKNOWN

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
10	01	01	1	01	-38.6	0.384	-9.000	-9.000	-999.	572.	162.4	0.34	0.73	1.00	3.10	321.	9.1	283.8	5.5
10	01	01	1	02	-33.5	0.333	-9.000	-9.000	-999.	462.	121.8	0.34	0.73	1.00	2.70	217.	9.1	282.5	5.5
10	01	01	1	03	-21.9	0.218	-9.000	-9.000	-999.	251.	52.2	0.34	0.73	1.00	1.80	290.	9.1	282.5	5.5
10	01	01	1	04	-27.1	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	255.	9.1	282.0	5.5
10	01	01	1	05	-21.9	0.218	-9.000	-9.000	-999.	245.	52.2	0.34	0.73	1.00	1.80	234.	9.1	282.0	5.5
10	01	01	1	06	-27.1	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	258.	9.1	282.0	5.5
10	01	01	1	07	-27.2	0.269	-9.000	-9.000	-999.	334.	79.5	0.34	0.73	1.00	2.20	213.	9.1	281.4	5.5
10	01	01	1	08	-22.6	0.335	-9.000	-9.000	-999.	466.	151.7	0.34	0.73	0.54	2.70	215.	9.1	282.0	5.5
10	01	01	1	09	26.9	0.249	0.347	0.008	56.	302.	-51.9	0.34	0.73	0.32	1.80	199.	9.1	284.2	5.5
10	01	01	1	10	65.3	0.365	0.593	0.008	116.	529.	-67.5	0.34	0.73	0.24	2.70	117.	9.1	288.1	5.5
10	01	01	1	11	94.5	0.374	0.933	0.008	311.	550.	-50.3	0.34	0.73	0.21	2.70	243.	9.1	290.4	5.5
10	01	01	1	12	103.9	0.279	1.087	0.008	448.	359.	-19.0	0.34	0.73	0.20	1.80	130.	9.1	293.1	5.5
10	01	01	1	13	83.7	0.273	1.073	0.008	533.	343.	-22.0	0.34	0.73	0.20	1.80	282.	9.1	294.9	5.5
10	01	01	1	14	82.0	0.218	1.112	0.008	606.	245.	-11.4	0.34	0.73	0.21	1.30	290.	9.1	295.9	5.5
10	01	01	1	15	38.9	0.202	0.881	0.008	636.	217.	-19.0	0.34	0.73	0.25	1.30	192.	9.1	294.9	5.5
10	01	01	1	16	11.4	0.181	0.588	0.008	643.	185.	-47.4	0.34	0.73	0.33	1.30	218.	9.1	293.8	5.5
10	01	01	1	17	-10.7	0.155	-9.000	-9.000	-999.	147.	31.4	0.34	0.73	0.60	1.30	255.	9.1	292.0	5.5
10	01	01	1	18	-5.5	0.104	-9.000	-9.000	-999.	81.	18.6	0.34	0.73	1.00	0.90	129.	9.1	289.2	5.5
10	01	01	1	19	-11.8	0.154	-9.000	-9.000	-999.	145.	27.8	0.34	0.73	1.00	1.30	264.	9.1	287.5	5.5
10	01	01	1	20	-11.8	0.154	-9.000	-9.000	-999.	144.	27.8	0.34	0.73	1.00	1.30	25.	9.1	287.0	5.5
10	01	01	1	21	-21.6	0.218	-9.000	-9.000	-999.	244.	52.2	0.34	0.73	1.00	1.80	343.	9.1	285.9	5.5
10	01	01	1	22	-21.7	0.218	-9.000	-9.000	-999.	244.	52.2	0.34	0.73						

```
1.00    1.80  332.    9.1  284.9    5.5
 10 01 01   1 23  -21.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  178.    9.1  284.2    5.5
 10 01 01   1 24  -11.8  0.154 -9.000 -9.000 -999.  145.     27.6  0.34   0.73
1.00    1.30   28.    9.1  283.1    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 10 01 01 01    5.5 0 -999.  -99.00   283.8   99.0  -99.00  -99.00
 10 01 01 01    9.1 1  321.    3.10  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE  57
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3766771.08        0.01868                     396598.26
3766771.08        0.02229
         396638.26    3766771.08        0.02731                     396678.26
3766771.08        0.03271
         396718.26    3766771.08        0.03894                     396758.26
3766771.08        0.04404
         396798.26    3766771.08        0.04750                     396838.26
3766771.08        0.05073
         396878.26    3766771.08        0.05183                     396918.26
```

3766771.08 0.05059
396958.26 3766771.08 0.04704 396998.26
3766771.08 0.04156
397038.26 3766771.08 0.03520 397078.26
3766771.08 0.02909
397118.26 3766771.08 0.02390 397158.26
3766771.08 0.01997
397198.26 3766771.08 0.01741 397238.26
3766771.08 0.01588
397278.26 3766771.08 0.01499 397318.26
3766771.08 0.01447
397358.26 3766771.08 0.01408 397398.26
3766771.08 0.01367
397438.26 3766771.08 0.01320 397478.26
3766771.08 0.01264
397518.26 3766771.08 0.01203 397558.26
3766771.08 0.01139
397598.26 3766771.08 0.01073 397638.26
3766771.08 0.01006
397678.26 3766771.08 0.00944 397718.26
3766771.08 0.00881
396558.26 3766811.08 0.01865 396598.26
3766811.08 0.02198
396638.26 3766811.08 0.02719 396678.26
3766811.08 0.03343
396718.26 3766811.08 0.03948 396758.26
3766811.08 0.04537
396798.26 3766811.08 0.05179 396838.26
3766811.08 0.05731
396878.26 3766811.08 0.06044 396918.26
3766811.08 0.06082
396958.26 3766811.08 0.05784 396998.26
3766811.08 0.05191
397038.26 3766811.08 0.04417 397078.26
3766811.08 0.03624
397118.26 3766811.08 0.02943 397158.26
3766811.08 0.02428
397198.26 3766811.08 0.02077 397238.26
3766811.08 0.01864
397278.26 3766811.08 0.01744 397318.26
3766811.08 0.01679
397358.26 3766811.08 0.01626 397398.26
3766811.08 0.01571
397438.26 3766811.08 0.01505 397478.26
3766811.08 0.01434
397518.26 3766811.08 0.01355 397558.26
3766811.08 0.01273
397598.26 3766811.08 0.01191 397638.26
3766811.08 0.01113
397678.26 3766811.08 0.01036 397718.26

3766811.08   0.00960
         396558.26   3766851.08   0.01846   396598.26
3766851.08   0.02172
         396638.26   3766851.08   0.02607   396678.26
3766851.08   0.03221
         396718.26   3766851.08   0.03881   396758.26
3766851.08   0.04628
         396798.26   3766851.08   0.05485   396838.26
3766851.08   0.06288
         396878.26   3766851.08   0.06942   396918.26
3766851.08   0.07196
         396958.26   3766851.08   0.07056   396998.26
3766851.08   0.06475
         397038.26   3766851.08   0.05579   397078.26
3766851.08   0.04595
         397118.26   3766851.08   0.03701   397158.26
3766851.08   0.02991
         397198.26   3766851.08   0.02517   397238.26
3766851.08   0.02242
         397278.26   3766851.08   0.02082   397318.26
3766851.08   0.01968

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397358.26   3766851.08   0.01892   397398.26

3766851.08 0.01815
397438.26 3766851.08 0.01728 397478.26
3766851.08 0.01632
397518.26 3766851.08 0.01531 397558.26
3766851.08 0.01428
397598.26 3766851.08 0.01325 397638.26
3766851.08 0.01228
397678.26 3766851.08 0.01132 397718.26
3766851.08 0.01041
396558.26 3766891.08 0.01799 396598.26
3766891.08 0.02133
396638.26 3766891.08 0.02560 396678.26
3766891.08 0.03125
396718.26 3766891.08 0.03840 396758.26
3766891.08 0.04664
396798.26 3766891.08 0.05658 396838.26
3766891.08 0.06710
396878.26 3766891.08 0.07733 396918.26
3766891.08 0.08307
396958.26 3766891.08 0.08478 396998.26
3766891.08 0.08042
397038.26 3766891.08 0.07097 397078.26
3766891.08 0.05993
397118.26 3766891.08 0.04771 397158.26
3766891.08 0.03726
397198.26 3766891.08 0.03103 397238.26
3766891.08 0.02725
397278.26 3766891.08 0.02515 397318.26
3766891.08 0.02378
397358.26 3766891.08 0.02244 397398.26
3766891.08 0.02113
397438.26 3766891.08 0.01991 397478.26
3766891.08 0.01863
397518.26 3766891.08 0.01732 397558.26
3766891.08 0.01599
397598.26 3766891.08 0.01472 397638.26
3766891.08 0.01350
397678.26 3766891.08 0.01232 397718.26
3766891.08 0.01126
396558.26 3766931.08 0.01753 396598.26
3766931.08 0.02061
396638.26 3766931.08 0.02501 396678.26
3766931.08 0.03026
396718.26 3766931.08 0.03707 396758.26
3766931.08 0.04596
396798.26 3766931.08 0.05641 396838.26
3766931.08 0.06944
396878.26 3766931.08 0.08263 396918.26
3766931.08 0.09411
396958.26 3766931.08 0.10054 396998.26

3766931.08   0.10005
         397038.26   3766931.08   0.09257   397078.26
3766931.08   0.07934
         397118.26   3766931.08   0.06386   397158.26
3766931.08   0.04933
         397198.26   3766931.08   0.03946   397238.26
3766931.08   0.03382
         397278.26   3766931.08   0.03062   397318.26
3766931.08   0.02874
         397358.26   3766931.08   0.02741   397398.26
3766931.08   0.02528
         397438.26   3766931.08   0.02317   397478.26
3766931.08   0.02132
         397518.26   3766931.08   0.01962   397558.26
3766931.08   0.01789
         397598.26   3766931.08   0.01628   397638.26
3766931.08   0.01474
         397678.26   3766931.08   0.01334   397718.26
3766931.08   0.01214
         396558.26   3766971.08   0.01698   396598.26
3766971.08   0.01997
         396638.26   3766971.08   0.02389   396678.26
3766971.08   0.02893
         396718.26   3766971.08   0.03556   396758.26
3766971.08   0.04374
         396798.26   3766971.08   0.05497   396838.26
3766971.08   0.06877
         396878.26   3766971.08   0.08595   396918.26
3766971.08   0.10352

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396958.26	3766971.08	0.11768	396998.26	3766971.08	0.12490
397038.26	3766971.08	0.12118	397078.26	3766971.08	0.10966
397118.26	3766971.08	0.10351	397158.26	3766971.08	0.08536
397198.26	3766971.08	0.05805	397238.26	3766971.08	0.04460
397278.26	3766971.08	0.03813	397318.26	3766971.08	0.03533
397358.26	3766971.08	0.03133	397398.26	3766971.08	0.02919
397438.26	3766971.08	0.02730	397478.26	3766971.08	0.02451
397518.26	3766971.08	0.02211	397558.26	3766971.08	0.01989
397598.26	3766971.08	0.01785	397638.26	3766971.08	0.01600
397678.26	3766971.08	0.01434	397718.26	3766971.08	0.01300
396558.26	3767011.08	0.01637	396598.26	3767011.08	0.01910
396638.26	3767011.08	0.02281	396678.26	3767011.08	0.02751
396718.26	3767011.08	0.03346	396758.26	3767011.08	0.04156
396798.26	3767011.08	0.05184	396838.26	3767011.08	0.06641
396878.26	3767011.08	0.08566	396918.26	3767011.08	0.11005
396958.26	3767011.08	0.13330	396998.26	3767011.08	0.15248
397038.26	3767011.08	0.16669	397078.26	3767011.08	0.19087
397118.26	3767011.08	0.17599	397158.26	3767011.08	0.12615
397198.26	3767011.08	0.08706	397238.26	3767011.08	0.06415
397278.26	3767011.08	0.05160	397318.26	3767011.08	0.04310
397358.26	3767011.08	0.03713	397398.26	3767011.08	0.03324
397438.26	3767011.08	0.03076	397478.26		

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3767011.08        0.02789
         397518.26    3767011.08        0.02471                      397558.26
3767011.08        0.02192
         397598.26    3767011.08        0.01946                      397638.26
3767011.08        0.01729
         397678.26    3767011.08        0.01536                      397718.26
3767011.08        0.01376
         396558.26    3767051.08        0.01582                      396598.26
3767051.08        0.01840
         396638.26    3767051.08        0.02162                      396678.26
3767051.08        0.02596
         396718.26    3767051.08        0.03155                      396758.26
3767051.08        0.03876
         396798.26    3767051.08        0.04844                      396838.26
3767051.08        0.06192
         396878.26    3767051.08        0.08180                      396918.26
3767051.08        0.11138
         396958.26    3767051.08        0.14605                      396998.26
3767051.08        0.20291
         397038.26    3767051.08        0.26083                      397078.26
3767051.08        0.23582
         397118.26    3767051.08        0.21556                      397158.26
3767051.08        0.16111
         397198.26    3767051.08        0.11322                      397238.26
3767051.08        0.08165
         397278.26    3767051.08        0.06922                      397318.26
3767051.08        0.05656
         397358.26    3767051.08        0.04494                      397398.26
3767051.08        0.03861
         397438.26    3767051.08        0.03430                      397478.26
3767051.08        0.03074
         397518.26    3767051.08        0.02740                      397558.26
3767051.08        0.02419
         397598.26    3767051.08        0.02124                      397638.26
3767051.08        0.01866
         397678.26    3767051.08        0.01653                      397718.26
3767051.08        0.01461
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE  60
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
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 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3767091.08        0.01529                       396598.26
3767091.08        0.01775
         396638.26    3767091.08        0.02062                       396678.26
3767091.08        0.02437
         396718.26    3767091.08        0.02940                       396758.26
3767091.08        0.03587
         396798.26    3767091.08        0.04462                       396838.26
3767091.08        0.05676
         396878.26    3767091.08        0.07448                       396918.26
3767091.08        0.10205
         396958.26    3767091.08        0.16178                       396998.26
3767091.08        0.29826
         397078.26    3767091.08        0.30558                       397118.26
3767091.08        0.32309
         397158.26    3767091.08        0.26799                       397198.26
3767091.08        0.17786
         397238.26    3767091.08        0.11782                       397278.26
3767091.08        0.09071
         397318.26    3767091.08        0.07780                       397358.26
3767091.08        0.05469
         397398.26    3767091.08        0.04509                       397438.26
3767091.08        0.03862
         397478.26    3767091.08        0.03320                       397518.26
3767091.08        0.02897
         397558.26    3767091.08        0.02526                       397598.26
3767091.08        0.02249
         397638.26    3767091.08        0.02039                       397678.26
3767091.08        0.01793
         397718.26    3767091.08        0.01573                       396558.26
3767131.08        0.01489
         396598.26    3767131.08        0.01714                       396638.26
3767131.08        0.01984
         396678.26    3767131.08        0.02299                       396718.26
3767131.08        0.02734
         396758.26    3767131.08        0.03319                       396798.26
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3767131.08        0.04092
         396838.26    3767131.08        0.05143                     396878.26
3767131.08        0.06660
         396918.26    3767131.08        0.08837                     396958.26
3767131.08        0.14301
         397238.26    3767131.08        0.21641                     397278.26
3767131.08        0.13652
         397318.26    3767131.08        0.10149                     397358.26
3767131.08        0.07062
         397398.26    3767131.08        0.05279                     397438.26
3767131.08        0.04429
         397478.26    3767131.08        0.03738                     397518.26
3767131.08        0.03221
         397558.26    3767131.08        0.02801                     397598.26
3767131.08        0.02453
         397638.26    3767131.08        0.02206                     397678.26
3767131.08        0.01953
         397718.26    3767131.08        0.01719                     396558.26
3767171.08        0.01461
         396598.26    3767171.08        0.01666                     396638.26
3767171.08        0.01919
         396678.26    3767171.08        0.02205                     396718.26
3767171.08        0.02566
         396758.26    3767171.08        0.03069                     396798.26
3767171.08        0.03761
         396838.26    3767171.08        0.04695                     396878.26
3767171.08        0.06020
         396918.26    3767171.08        0.07876                     397438.26
3767171.08        0.05349
         397478.26    3767171.08        0.04491                     397518.26
3767171.08        0.03826
         397558.26    3767171.08        0.03297                     397598.26
3767171.08        0.02864
         397638.26    3767171.08        0.02495                     397678.26
3767171.08        0.02171
         397718.26    3767171.08        0.01903                     396558.26
3767211.08        0.01436
         396598.26    3767211.08        0.01635                     396638.26
3767211.08        0.01870
         396678.26    3767211.08        0.02159                     396718.26
3767211.08        0.02460
         396758.26    3767211.08        0.02881                     396798.26
3767211.08        0.03471
         396838.26    3767211.08        0.04308                     396878.26
3767211.08        0.05411
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       15:36:14
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***

INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	0.06862	396958.26	3767211.08	0.08508
397438.26	3767211.08	0.06983	397478.26	3767211.08	0.05662
397518.26	3767211.08	0.04738	397558.26	3767211.08	0.04009
397598.26	3767211.08	0.03425	397638.26	3767211.08	0.02922
397678.26	3767211.08	0.02502	397718.26	3767211.08	0.02161
396558.26	3767251.08	0.01421	396598.26	3767251.08	0.01617
396638.26	3767251.08	0.01848	396678.26	3767251.08	0.02129
396718.26	3767251.08	0.02422	396758.26	3767251.08	0.02761
396798.26	3767251.08	0.03269	396838.26	3767251.08	0.03967
396878.26	3767251.08	0.04981	396918.26	3767251.08	0.05931
396958.26	3767251.08	0.07293	396998.26	3767251.08	0.09802
397038.26	3767251.08	0.14878	397078.26	3767251.08	0.23911
397118.26	3767251.08	0.50249	397318.26	3767251.08	0.26974
397358.26	3767251.08	0.18173	397398.26		

3767251.08 0.13010
397438.26 3767251.08 0.09839 397478.26
3767251.08 0.07604
397518.26 3767251.08 0.06106 397558.26
3767251.08 0.04988
397598.26 3767251.08 0.04152 397638.26
3767251.08 0.03500
397678.26 3767251.08 0.02954 397718.26
3767251.08 0.02512
396558.26 3767291.08 0.01313 396598.26
3767291.08 0.01506
396638.26 3767291.08 0.01727 396678.26
3767291.08 0.02014
396718.26 3767291.08 0.02388 396758.26
3767291.08 0.02676
396798.26 3767291.08 0.03118 396838.26
3767291.08 0.03730
396878.26 3767291.08 0.04502 396918.26
3767291.08 0.05345
396958.26 3767291.08 0.06634 396998.26
3767291.08 0.09281
397038.26 3767291.08 0.17280 397078.26
3767291.08 0.28089
397118.26 3767291.08 0.32561 397158.26
3767291.08 0.48956
397278.26 3767291.08 0.43314 397318.26
3767291.08 0.36589
397358.26 3767291.08 0.23883 397398.26
3767291.08 0.17819
397438.26 3767291.08 0.13190 397478.26
3767291.08 0.10029
397518.26 3767291.08 0.07847 397558.26
3767291.08 0.06286
397598.26 3767291.08 0.05111 397638.26
3767291.08 0.04206
397678.26 3767291.08 0.03518 397718.26
3767291.08 0.02955
396558.26 3767331.08 0.01269 396598.26
3767331.08 0.01438
396638.26 3767331.08 0.01643 396678.26
3767331.08 0.01920
396718.26 3767331.08 0.02258 396758.26
3767331.08 0.02609
396798.26 3767331.08 0.02989 396838.26
3767331.08 0.03536
396878.26 3767331.08 0.04181 396918.26
3767331.08 0.04961
396958.26 3767331.08 0.06238 396998.26
3767331.08 0.08547
397038.26 3767331.08 0.14041 397078.26

3767331.08   0.24632
         397118.26   3767331.08   0.34461   397158.26
3767331.08   0.45422

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397198.26   3767331.08   0.49256   397238.26
3767331.08   0.49930
         397278.26   3767331.08   0.44866   397318.26
3767331.08   0.33722
         397358.26   3767331.08   0.26831   397398.26
3767331.08   0.20913
         397438.26   3767331.08   0.15864   397478.26
3767331.08   0.12211
         397518.26   3767331.08   0.09591   397558.26
3767331.08   0.07669
         397598.26   3767331.08   0.06164   397638.26
3767331.08   0.05019
         397678.26   3767331.08   0.04145   397718.26
3767331.08   0.03449
         396558.26   3767371.08   0.01237   396598.26
3767371.08   0.01400
         396638.26   3767371.08   0.01599   396678.26
3767371.08   0.01861
         396718.26   3767371.08   0.02192   396758.26

3767371.08 0.02513
396798.26 3767371.08 0.02857 396838.26
3767371.08 0.03335
396878.26 3767371.08 0.03968 396918.26
3767371.08 0.04684
396958.26 3767371.08 0.05888 396998.26
3767371.08 0.07966
397038.26 3767371.08 0.11706 397078.26
3767371.08 0.17948
397118.26 3767371.08 0.24862 397158.26
3767371.08 0.32477
397198.26 3767371.08 0.35970 397238.26
3767371.08 0.36296
397278.26 3767371.08 0.34106 397318.26
3767371.08 0.30537
397358.26 3767371.08 0.25929 397398.26
3767371.08 0.21415
397438.26 3767371.08 0.17044 397478.26
3767371.08 0.13571
397518.26 3767371.08 0.10884 397558.26
3767371.08 0.08785
397598.26 3767371.08 0.07137 397638.26
3767371.08 0.05814
397678.26 3767371.08 0.04758 397718.26
3767371.08 0.03946
396558.26 3767411.08 0.01199 396598.26
3767411.08 0.01359
396638.26 3767411.08 0.01559 396678.26
3767411.08 0.01804
396718.26 3767411.08 0.02092 396758.26
3767411.08 0.02406
396798.26 3767411.08 0.02726 396838.26
3767411.08 0.03174
396878.26 3767411.08 0.03742 396918.26
3767411.08 0.04430
396958.26 3767411.08 0.05509 396998.26
3767411.08 0.07331
397038.26 3767411.08 0.10286 397078.26
3767411.08 0.14363
397118.26 3767411.08 0.18980 397158.26
3767411.08 0.23384
397198.26 3767411.08 0.26660 397238.26
3767411.08 0.28294
397278.26 3767411.08 0.27990 397318.26
3767411.08 0.26187
397358.26 3767411.08 0.23199 397398.26
3767411.08 0.20144
397438.26 3767411.08 0.16906 397478.26
3767411.08 0.14014
397518.26 3767411.08 0.11549 397558.26

3767411.08   0.09516
         397598.26   3767411.08   0.07822   397638.26
3767411.08   0.06443
         397678.26   3767411.08   0.05319   397718.26
3767411.08   0.04389
         396558.26   3767451.08   0.01163   396598.26
3767451.08   0.01310
         396638.26   3767451.08   0.01496   396678.26
3767451.08   0.01709
         396718.26   3767451.08   0.01955   396758.26
3767451.08   0.02296

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396798.26   3767451.08   0.02589   396838.26
3767451.08   0.03032
         396878.26   3767451.08   0.03534   396918.26
3767451.08   0.04173
         396958.26   3767451.08   0.05135   396998.26
3767451.08   0.06632
         397038.26   3767451.08   0.08878   397078.26
3767451.08   0.11891
         397118.26   3767451.08   0.15328   397158.26
3767451.08   0.18552
         397198.26   3767451.08   0.21144   397238.26

3767451.08 0.22680
397278.26 3767451.08 0.22907 397318.26
3767451.08 0.21963
397358.26 3767451.08 0.20287 397398.26
3767451.08 0.18168
397438.26 3767451.08 0.15863 397478.26
3767451.08 0.13655
397518.26 3767451.08 0.11613 397558.26
3767451.08 0.09783
397598.26 3767451.08 0.08183 397638.26
3767451.08 0.06829
397678.26 3767451.08 0.05706 397718.26
3767451.08 0.04764
396558.26 3767491.08 0.01122 396598.26
3767491.08 0.01257
396638.26 3767491.08 0.01412 396678.26
3767491.08 0.01592
396718.26 3767491.08 0.01816 396758.26
3767491.08 0.02155
396798.26 3767491.08 0.02454 396838.26
3767491.08 0.02866
396878.26 3767491.08 0.03345 396918.26
3767491.08 0.03925
396958.26 3767491.08 0.04776 396998.26
3767491.08 0.06011
397038.26 3767491.08 0.07740 397078.26
3767491.08 0.10011
397118.26 3767491.08 0.12552 397158.26
3767491.08 0.15018
397198.26 3767491.08 0.17095 397238.26
3767491.08 0.18402
397278.26 3767491.08 0.18888 397318.26
3767491.08 0.18483
397358.26 3767491.08 0.17443 397398.26
3767491.08 0.16081
397438.26 3767491.08 0.14500 397478.26
3767491.08 0.12798
397518.26 3767491.08 0.11165 397558.26
3767491.08 0.09619
397598.26 3767491.08 0.08214 397638.26
3767491.08 0.06986
397678.26 3767491.08 0.05904 397718.26
3767491.08 0.04994
396558.26 3767531.08 0.01078 396598.26
3767531.08 0.01200
396638.26 3767531.08 0.01338 396678.26
3767531.08 0.01504
396718.26 3767531.08 0.01713 396758.26
3767531.08 0.02055
396798.26 3767531.08 0.02333 396838.26

```
3767531.08        0.02698
         396878.26    3767531.08        0.03133                      396918.26
3767531.08        0.03693
         396958.26    3767531.08        0.04444                      396998.26
3767531.08        0.05479
         397038.26    3767531.08        0.06866                      397078.26
3767531.08        0.08601
         397118.26    3767531.08        0.10557                      397158.26
3767531.08        0.12493
         397198.26    3767531.08        0.14109                      397238.26
3767531.08        0.15257
         397278.26    3767531.08        0.15745                      397318.26
3767531.08        0.15660
         397358.26    3767531.08        0.15050                      397398.26
3767531.08        0.14095
         397438.26    3767531.08        0.12983                      397478.26
3767531.08        0.11749
         397518.26    3767531.08        0.10418                      397558.26
3767531.08        0.09159
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE  64
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397598.26    3767531.08        0.07979                      397638.26
3767531.08        0.06896
         397678.26    3767531.08        0.05935                      397718.26
```

3767531.08   0.05089
         397320.82   3767219.11   0.28928   397330.82
3767209.11   0.26075
         397340.82   3767189.11   0.19662   397340.82
3767199.11   0.22010
         397340.82   3767209.11   0.23713   397350.82
3767189.11   0.17145
         397350.82   3767199.11   0.18898   397360.82
3767189.11   0.13375
         397360.82   3767199.11   0.14702   397370.82
3767189.11   0.10328
         397380.82   3767189.11   0.08620   396934.73
3767169.52   0.08781
         397014.53   3767229.60   0.12459   397044.10
3767223.97   0.20359
         397113.57   3767239.93   0.55973   397158.63
3767280.29   0.57549
         397168.95   3767307.05   0.41770   397244.05
3767296.72   0.45146
         397260.95   3767278.88   0.40937   397409.74
3767205.66   0.07938
         397422.89   3767189.23   0.06448   397426.64
3767180.78   0.05981
         397420.54   3767170.46   0.05805   397318.68
3767160.13   0.13571
         397022.98   3767083.62   0.29140   396920.42
3767167.32   0.08069
         396989.95   3767243.54   0.09333   397044.10
3767223.97   0.20359
         397113.57   3767239.93   0.55973   397158.63
3767280.29   0.57549
         397168.95   3767307.05   0.41770   397244.05
3767296.72   0.45146
         397260.95   3767278.88   0.40937   397409.74
3767205.66   0.07938
         397422.89   3767189.23   0.06448   397426.64
3767180.78   0.05981
         397420.54   3767170.46   0.05805   397318.68
3767160.13   0.13571
         397022.98   3767083.62   0.29140

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5

YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3766771.08	1.89389	396598.26	3766771.08	2.06970
396638.26	3766771.08	2.28569	396678.26	3766771.08	2.49730
396718.26	3766771.08	2.71939	396758.26	3766771.08	2.94447
396798.26	3766771.08	3.16369	396838.26	3766771.08	3.40678
396878.26	3766771.08	3.64835	396918.26	3766771.08	3.88426
396958.26	3766771.08	4.09880	396998.26	3766771.08	4.27432
397038.26	3766771.08	4.40341	397078.26	3766771.08	4.47760
397118.26	3766771.08	4.48596	397158.26	3766771.08	4.42702
397198.26	3766771.08	4.33171	397238.26	3766771.08	4.19996
397278.26	3766771.08	4.03399	397318.26	3766771.08	3.84049
397358.26	3766771.08	3.62575	397398.26	3766771.08	3.40321
397438.26	3766771.08	3.17551	397478.26	3766771.08	2.95219
397518.26	3766771.08	2.73706	397558.26	3766771.08	2.53298
397598.26	3766771.08	2.34241	397638.26	3766771.08	2.16623
397678.26	3766771.08	2.00426	397718.26	3766771.08	1.85561

396558.26 3766811.08 2.00567 396598.26
3766811.08 2.19401
396638.26 3766811.08 2.44589 396678.26
3766811.08 2.70568
396718.26 3766811.08 2.96497 396758.26
3766811.08 3.22691
396798.26 3766811.08 3.52733 396838.26
3766811.08 3.84510
396878.26 3766811.08 4.16729 396918.26
3766811.08 4.48771
396958.26 3766811.08 4.78468 396998.26
3766811.08 5.03321
397038.26 3766811.08 5.21483 397078.26
3766811.08 5.31853
397118.26 3766811.08 5.35242 397158.26
3766811.08 5.29419
397198.26 3766811.08 5.14466 397238.26
3766811.08 4.93356
397278.26 3766811.08 4.68786 397318.26
3766811.08 4.42222
397358.26 3766811.08 4.13933 397398.26
3766811.08 3.84710
397438.26 3766811.08 3.55518 397478.26
3766811.08 3.27408
397518.26 3766811.08 3.00740 397558.26
3766811.08 2.75936
397598.26 3766811.08 2.53173 397638.26
3766811.08 2.32458
397678.26 3766811.08 2.13713 397718.26
3766811.08 1.96789
396558.26 3766851.08 2.12673 396598.26
3766851.08 2.32957
396638.26 3766851.08 2.58560 396678.26
3766851.08 2.89181
396718.26 3766851.08 3.21208 396758.26
3766851.08 3.55510
396798.26 3766851.08 3.94153 396838.26
3766851.08 4.36155
396878.26 3766851.08 4.80742 396918.26
3766851.08 5.24117
396958.26 3766851.08 5.65919 396998.26
3766851.08 6.01944
397038.26 3766851.08 6.28190 397078.26
3766851.08 6.44758
397118.26 3766851.08 6.49964 397158.26
3766851.08 6.41736
397198.26 3766851.08 6.21127 397238.26
3766851.08 5.92446
397278.26 3766851.08 5.56613 397318.26
3766851.08 5.15937

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397358.26	3766851.08	4.76686	397398.26	3766851.08	4.37744
397438.26	3766851.08	4.00004	397478.26	3766851.08	3.64198
397518.26	3766851.08	3.31010	397558.26	3766851.08	3.00777
397598.26	3766851.08	2.73556	397638.26	3766851.08	2.49221
397678.26	3766851.08	2.27539	397718.26	3766851.08	2.08258
396558.26	3766891.08	2.24546	396598.26	3766891.08	2.47260
396638.26	3766891.08	2.76038	396678.26	3766891.08	3.11538
396718.26	3766891.08	3.49694	396758.26	3766891.08	3.93035
396798.26	3766891.08	4.42347	396838.26	3766891.08	4.97482
396878.26	3766891.08	5.58732	396918.26	3766891.08	6.19245
396958.26	3766891.08	6.80252	396998.26		

3766891.08 7.33781
397038.26 3766891.08 7.74249 397078.26
3766891.08 8.02561
397118.26 3766891.08 8.08274 397158.26
3766891.08 7.91490
397198.26 3766891.08 7.64363 397238.26
3766891.08 7.21342
397278.26 3766891.08 6.70750 397318.26
3766891.08 6.15673
397358.26 3766891.08 5.57549 397398.26
3766891.08 5.02015
397438.26 3766891.08 4.51911 397478.26
3766891.08 4.06054
397518.26 3766891.08 3.64764 397558.26
3766891.08 3.27811
397598.26 3766891.08 2.95275 397638.26
3766891.08 2.66739
397678.26 3766891.08 2.41747 397718.26
3766891.08 2.19893
396558.26 3766931.08 2.36727 396598.26
3766931.08 2.62590
396638.26 3766931.08 2.96007 396678.26
3766931.08 3.34007
396718.26 3766931.08 3.80863 396758.26
3766931.08 4.34780
396798.26 3766931.08 4.98055 396838.26
3766931.08 5.70953
396878.26 3766931.08 6.53579 396918.26
3766931.08 7.43748
396958.26 3766931.08 8.35239 396998.26
3766931.08 9.19987
397038.26 3766931.08 9.88704 397078.26
3766931.08 10.29555
397118.26 3766931.08 10.36796 397158.26
3766931.08 10.11080
397198.26 3766931.08 9.63207 397238.26
3766931.08 8.97632
397278.26 3766931.08 8.20354 397318.26
3766931.08 7.40811
397358.26 3766931.08 6.63348 397398.26
3766931.08 5.85438
397438.26 3766931.08 5.14586 397478.26
3766931.08 4.54167
397518.26 3766931.08 4.02356 397558.26
3766931.08 3.56932
397598.26 3766931.08 3.18040 397638.26
3766931.08 2.84709
397678.26 3766931.08 2.56060 397718.26
3766931.08 2.31546
396558.26 3766971.08 2.48219 396598.26

3766971.08   2.77353
         396638.26   3766971.08   3.13787   396678.26
3766971.08   3.57569
         396718.26   3766971.08   4.12039   396758.26
3766971.08   4.78644
         396798.26   3766971.08   5.59802   396838.26
3766971.08   6.59204
         396878.26   3766971.08   7.75318   396918.26
3766971.08   9.09887

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: AREA   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396958.26   3766971.08   10.56406   396998.26
3766971.08   12.02908
         397038.26   3766971.08   13.18369   397078.26
3766971.08   13.78118
         397118.26   3766971.08   13.80586   397158.26
3766971.08   13.31431
         397198.26   3766971.08   12.47942   397238.26
3766971.08   11.43009
         397278.26   3766971.08   10.25754   397318.26
3766971.08   9.07460
         397358.26   3766971.08   7.15730   397398.26
3766971.08   6.44998

```
         397438.26    3766971.08        5.90582                    397478.26
3766971.08        5.09743
         397518.26    3766971.08        4.43172                    397558.26
3766971.08        3.87617
         397598.26    3766971.08        3.41413                    397638.26
3766971.08        3.02684
         397678.26    3766971.08        2.70032                    397718.26
3766971.08        2.42760
         396558.26    3767011.08        2.58876                    396598.26
3767011.08        2.90306
         396638.26    3767011.08        3.30753                    396678.26
3767011.08        3.81071
         396718.26    3767011.08        4.43604                    396758.26
3767011.08        5.23888
         396798.26    3767011.08        6.26796                    396838.26
3767011.08        7.60466
         396878.26    3767011.08        9.30160                    396918.26
3767011.08       11.43459
         396958.26    3767011.08       13.90491                    396998.26
3767011.08       16.63388
         397038.26    3767011.08       18.73281                    397078.26
3767011.08       19.64229
         397118.26    3767011.08       19.41269                    397158.26
3767011.08       18.34537
         397198.26    3767011.08       16.83057                    397238.26
3767011.08       15.06093
         397278.26    3767011.08       13.20290                    397318.26
3767011.08       11.34398
         397358.26    3767011.08        8.46495                    397398.26
3767011.08        6.84448
         397438.26    3767011.08        6.51598                    397478.26
3767011.08        5.70587
         397518.26    3767011.08        4.86277                    397558.26
3767011.08        4.19067
         397598.26    3767011.08        3.64633                    397638.26
3767011.08        3.20228
         397678.26    3767011.08        2.83477                    397718.26
3767011.08        2.53293
         396558.26    3767051.08        2.67896                    396598.26
3767051.08        3.02765
         396638.26    3767051.08        3.45464                    396678.26
3767051.08        4.01796
         396718.26    3767051.08        4.73637                    396758.26
3767051.08        5.67702
         396798.26    3767051.08        6.95375                    396838.26
3767051.08        8.71478
         396878.26    3767051.08       11.21975                    396918.26
3767051.08       14.80115
         396958.26    3767051.08       19.61050                    396998.26
3767051.08       25.45146
```

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         397038.26    3767051.08       30.07532                      397078.26
3767051.08       31.07617
         397118.26    3767051.08       29.65255                      397158.26
3767051.08       27.05935
         397198.26    3767051.08       24.05502                      397238.26
3767051.08       20.87906
         397278.26    3767051.08       17.74739                      397318.26
3767051.08       14.57535
         397358.26    3767051.08       11.08532                      397398.26
3767051.08        8.10063
         397438.26    3767051.08        6.93869                      397478.26
3767051.08        6.17983
         397518.26    3767051.08        5.31266                      397558.26
3767051.08        4.50805
         397598.26    3767051.08        3.87278                      397638.26
3767051.08        3.36727
         397678.26    3767051.08        2.95997                      397718.26
3767051.08        2.60084
```

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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: AREA     ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3767091.08        2.75653                      396598.26
3767091.08        3.13771
         396638.26    3767091.08        3.58623                      396678.26
```

3767091.08 4.17385
396718.26 3767091.08 4.97557 396758.26
3767091.08 6.05513
396798.26 3767091.08 7.56760 396838.26
3767091.08 9.81884
396878.26 3767091.08 13.35854 396918.26
3767091.08 19.33993
396958.26 3767091.08 29.77124 396998.26
3767091.08 49.88788
397078.26 3767091.08 60.36278 397118.26
3767091.08 52.68367
397158.26 3767091.08 44.95449 397198.26
3767091.08 37.89481
397238.26 3767091.08 31.53268 397278.26
3767091.08 25.74925
397318.26 3767091.08 19.86715 397358.26
3767091.08 14.12661
397398.26 3767091.08 9.92660 397438.26
3767091.08 7.66716
397478.26 3767091.08 5.98645 397518.26
3767091.08 5.03016
397558.26 3767091.08 4.17768 397598.26
3767091.08 3.79929
397638.26 3767091.08 3.51604 397678.26
3767091.08 3.07020
397718.26 3767091.08 2.69405 396558.26
3767131.08 2.81350
396598.26 3767131.08 3.20945 396638.26
3767131.08 3.69668
396678.26 3767131.08 4.29030 396718.26
3767131.08 5.12135
396758.26 3767131.08 6.30249 396798.26
3767131.08 8.01104
396838.26 3767131.08 10.67083 396878.26
3767131.08 15.36551
396918.26 3767131.08 25.11761 396958.26
3767131.08 52.52452
397238.26 3767131.08 58.02198 397278.26
3767131.08 44.72405
397318.26 3767131.08 30.45068 397358.26
3767131.08 18.17852
397398.26 3767131.08 11.75474 397438.26
3767131.08 8.57655
397478.26 3767131.08 6.22861 397518.26
3767131.08 5.11399
397558.26 3767131.08 4.28833 397598.26
3767131.08 3.80342
397638.26 3767131.08 3.57699 397678.26
3767131.08 3.15124
397718.26 3767131.08 2.76020 396558.26

```
3767171.08        2.84573
         396598.26    3767171.08        3.24632                     396638.26
3767171.08        3.75130
         396678.26    3767171.08        4.37056                     396718.26
3767171.08        5.18171
         396758.26    3767171.08        6.37118                     396798.26
3767171.08        8.17005
         396838.26    3767171.08       11.01700                     396878.26
3767171.08       16.26982
         396918.26    3767171.08       29.12143                     397438.26
3767171.08        9.28132
         397478.26    3767171.08        6.99565                     397518.26
3767171.08        5.76165
         397558.26    3767171.08        4.81302                     397598.26
3767171.08        4.12142
         397638.26    3767171.08        3.61755                     397678.26
3767171.08        3.13169
         397718.26    3767171.08        2.76132                     396558.26
3767211.08        2.84126
         396598.26    3767211.08        3.24261                     396638.26
3767211.08        3.74254
         396678.26    3767211.08        4.38460                     396718.26
3767211.08        5.16781
         396758.26    3767211.08        6.28225                     396798.26
3767211.08        7.97177
         396838.26    3767211.08       10.66530                     396878.26
3767211.08       15.21244
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM-2.5   IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	24.20911	396958.26	3767211.08	42.04928
397438.26	3767211.08	8.46279	397478.26	3767211.08	6.64488
397518.26	3767211.08	5.70851	397558.26	3767211.08	4.89340
397598.26	3767211.08	4.19277	397638.26	3767211.08	3.58326
397678.26	3767211.08	3.09219	397718.26	3767211.08	2.72485
396558.26	3767251.08	2.81406	396598.26	3767251.08	3.20408
396638.26	3767251.08	3.69041	396678.26	3767251.08	4.30925
396718.26	3767251.08	5.08317	396758.26	3767251.08	6.06765
396798.26	3767251.08	7.54332	396838.26	3767251.08	9.76917
396878.26	3767251.08	13.33063	396918.26	3767251.08	16.79954
396958.26	3767251.08	23.09243	396998.26	3767251.08	32.48632
397038.26	3767251.08	42.00312	397078.26	3767251.08	57.76412
397118.26	3767251.08	93.73616	397318.26	3767251.08	34.53404
397358.26	3767251.08	18.47635	397398.26	3767251.08	9.74113
397438.26	3767251.08	6.88814	397478.26	3767251.08	5.87260
397518.26	3767251.08	5.34837	397558.26	3767251.08	4.53852
397598.26	3767251.08	3.93450	397638.26	3767251.08	3.51597
397678.26	3767251.08	3.08103	397718.26	3767251.08	2.71626
396558.26	3767291.08	2.14880	396598.26	3767291.08	2.62489
396638.26	3767291.08	3.08934	396678.26	3767291.08	3.83234
396718.26	3767291.08	4.88353	396758.26	3767291.08	5.75659
396798.26	3767291.08	6.99504	396838.26	3767291.08	8.77918

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         396878.26    3767291.08       10.59167                      396918.26
3767291.08       12.51811
         396958.26    3767291.08       16.04519                      396998.26
3767291.08       18.20037
         397038.26    3767291.08       19.68107                      397078.26
3767291.08       25.03818
         397118.26    3767291.08       38.27404                      397158.26
3767291.08       72.45064
         397278.26    3767291.08       39.82047                      397318.26
3767291.08       25.16633
         397358.26    3767291.08       14.19165                      397398.26
3767291.08        8.30407
         397438.26    3767291.08        6.17183                      397478.26
3767291.08        5.19461
         397518.26    3767291.08        4.35412                      397558.26
3767291.08        3.47076
         397598.26    3767291.08        3.00928                      397638.26
3767291.08        3.10784
         397678.26    3767291.08        3.01009                      397718.26
3767291.08        2.68561
         396558.26    3767331.08        1.81487                      396598.26
3767331.08        2.11140
         396638.26    3767331.08        2.53414                      396678.26
3767331.08        3.35679
         396718.26    3767331.08        4.30322                      396758.26
3767331.08        5.38398
         396798.26    3767331.08        6.39343                      396838.26
3767331.08        7.79263
         396878.26    3767331.08        8.96682                      396918.26
3767331.08       10.11151
         396958.26    3767331.08       12.04271                      396998.26
3767331.08       14.57519
         397038.26    3767331.08       15.15372                      397078.26
3767331.08       17.52539
         397118.26    3767331.08       22.20220                      397158.26
3767331.08       30.41640
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE  70
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: AREA     ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
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                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397198.26    3767331.08       34.93043                     397238.26
3767331.08       33.79349
         397278.26    3767331.08       26.70220                     397318.26
3767331.08       18.22328
         397358.26    3767331.08       12.04106                     397398.26
3767331.08        7.95667
         397438.26    3767331.08        6.17171                     397478.26
3767331.08        5.00138
         397518.26    3767331.08        4.06585                     397558.26
3767331.08        3.37031
         397598.26    3767331.08        2.85230                     397638.26
3767331.08        2.66378
         397678.26    3767331.08        2.79111                     397718.26
3767331.08        2.65058
         396558.26    3767371.08        1.73502                     396598.26
3767371.08        2.10864
         396638.26    3767371.08        2.54111                     396678.26
3767371.08        3.30430
         396718.26    3767371.08        4.22311                     396758.26
3767371.08        4.97084
         396798.26    3767371.08        5.79460                     396838.26
3767371.08        6.86797
         396878.26    3767371.08        7.99735                     396918.26
3767371.08        8.77651
         396958.26    3767371.08        9.93963                     396998.26
3767371.08       11.66472
         397038.26    3767371.08       11.83436                     397078.26
3767371.08       12.74385
         397118.26    3767371.08       15.44302                     397158.26
3767371.08       17.56419
         397198.26    3767371.08       20.20923                     397238.26
3767371.08       21.32937
         397278.26    3767371.08       18.98249                     397318.26
3767371.08       14.55174
         397358.26    3767371.08       10.94127                     397398.26
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3767371.08        7.68833
         397438.26    3767371.08        6.19287                      397478.26
3767371.08        5.07387
         397518.26    3767371.08        4.21508                      397558.26
3767371.08        3.55234
         397598.26    3767371.08        3.04451                      397638.26
3767371.08        2.61064
         397678.26    3767371.08        2.42828                      397718.26
3767371.08        2.49569
         396558.26    3767411.08        1.66604                      396598.26
3767411.08        2.08789
         396638.26    3767411.08        2.62155                      396678.26
3767411.08        3.25197
         396718.26    3767411.08        3.93164                      396758.26
3767411.08        4.55109
         396798.26    3767411.08        5.22219                      396838.26
3767411.08        6.06161
         396878.26    3767411.08        6.90476                      396918.26
3767411.08        7.65755
         396958.26    3767411.08        8.37245                      396998.26
3767411.08        8.79947
         397038.26    3767411.08        8.83228                      397078.26
3767411.08        9.53577
         397118.26    3767411.08       10.98972                      397158.26
3767411.08       12.88043
         397198.26    3767411.08       14.68396                      397238.26
3767411.08       15.46668
         397278.26    3767411.08       14.66090                      397318.26
3767411.08       12.31579
         397358.26    3767411.08        9.98120                      397398.26
3767411.08        7.30558
         397438.26    3767411.08        6.02054                      397478.26
3767411.08        5.03167
         397518.26    3767411.08        4.25766                      397558.26
3767411.08        3.65623
         397598.26    3767411.08        3.18252                      397638.26
3767411.08        2.75263
         397678.26    3767411.08        2.37257                      397718.26
3767411.08        2.27217
         396558.26    3767451.08        1.65526                      396598.26
3767451.08        2.01237
         396638.26    3767451.08        2.49146                      396678.26
3767451.08        2.97952
         396718.26    3767451.08        3.45135                      396758.26
3767451.08        4.15024
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       15:36:14
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	4.69286	396838.26	3767451.08	5.35848
396878.26	3767451.08	6.01918	396918.26	3767451.08	6.58800
396958.26	3767451.08	7.16237	396998.26	3767451.08	7.60069
397038.26	3767451.08	7.77352	397078.26	3767451.08	8.12754
397118.26	3767451.08	8.88107	397158.26	3767451.08	10.06549
397198.26	3767451.08	11.25067	397238.26	3767451.08	11.84805
397278.26	3767451.08	11.69805	397318.26	3767451.08	10.50490
397358.26	3767451.08	8.92033	397398.26	3767451.08	6.78112
397438.26	3767451.08	5.72835	397478.26	3767451.08	4.90863
397518.26	3767451.08	4.22741	397558.26	3767451.08	3.68998
397598.26	3767451.08	3.26468	397638.26	3767451.08	2.85601
397678.26	3767451.08	2.49103	397718.26	3767451.08	2.25586
396558.26	3767491.08	1.63491	396598.26	3767491.08	1.92564

396638.26 3767491.08 2.16986 396678.26 3767491.08 2.44814
396718.26 3767491.08 2.90933 396758.26 3767491.08 3.75851
396798.26 3767491.08 4.21727 396838.26 3767491.08 4.73792
396878.26 3767491.08 5.27869 396918.26 3767491.08 5.73082
396958.26 3767491.08 6.26325 396998.26 3767491.08 6.76326
397038.26 3767491.08 6.82962 397078.26 3767491.08 7.03284
397118.26 3767491.08 7.48421 397158.26 3767491.08 8.20976
397198.26 3767491.08 9.03183 397238.26 3767491.08 9.49990
397278.26 3767491.08 9.47419 397318.26 3767491.08 8.94614
397358.26 3767491.08 7.97059 397398.26 3767491.08 6.51110
397438.26 3767491.08 5.44731 397478.26 3767491.08 4.67294
397518.26 3767491.08 4.08779 397558.26 3767491.08 3.63412
397598.26 3767491.08 3.28904 397638.26 3767491.08 2.90404
397678.26 3767491.08 2.56511 397718.26 3767491.08 2.32053
396558.26 3767531.08 1.53881 396598.26 3767531.08 1.71679
396638.26 3767531.08 1.82987 396678.26 3767531.08 2.06021
396718.26 3767531.08 2.59322 396758.26 3767531.08 3.43512
396798.26 3767531.08 3.79656 396838.26 3767531.08 4.19943
396878.26 3767531.08 4.60552 396918.26 3767531.08 5.03620
396958.26 3767531.08 5.51251 396998.26 3767531.08 6.01581
397038.26 3767531.08 6.13792 397078.26 3767531.08 6.37805
397118.26 3767531.08 6.48422 397158.26 3767531.08 6.87444
397198.26 3767531.08 7.42451 397238.26 3767531.08 7.78043
397278.26 3767531.08 7.84723 397318.26 3767531.08 7.58173
397358.26 3767531.08 7.05965 397398.26 3767531.08 6.04693

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: AREA   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397598.26   3767531.08   3.23050   397638.26
3767531.08   2.87191
         397678.26   3767531.08   2.55363   397718.26
3767531.08   2.31979
         397320.82   3767219.11   46.03340   397330.82
3767209.11   41.07393
         397340.82   3767189.11   37.50610   397340.82
3767199.11   35.89416
         397340.82   3767209.11   33.81434   397350.82
3767189.11   30.19203
         397350.82   3767199.11   29.53112   397360.82
3767189.11   25.11327
         397360.82   3767199.11   24.83211   397370.82
3767189.11   21.44963
         397380.82   3767189.11   18.59451   396934.73
3767169.52   42.01316
         397014.53   3767229.60   70.70053   397044.10

```
3767223.97       93.59277
         397113.57    3767239.93      102.74567                      397158.63
3767280.29       83.49716
         397168.95    3767307.05       54.58285                      397244.05
3767296.72       57.31556
         397260.95    3767278.88       59.84102                      397409.74
3767205.66       11.98724
         397422.89    3767189.23       10.80436                      397426.64
3767180.78       10.35764
         397420.54    3767170.46       10.93536                      397318.68
3767160.13       48.81502
         397022.98    3767083.62       52.64331                      396920.42
3767167.32       30.43934
         396989.95    3767243.54       35.17747                      397044.10
3767223.97       93.59277
         397113.57    3767239.93      102.74567                      397158.63
3767280.29       83.49716
         397168.95    3767307.05       54.58285                      397244.05
3767296.72       57.31556
         397260.95    3767278.88       59.84102                      397409.74
3767205.66       11.98724
         397422.89    3767189.23       10.80436                      397426.64
3767180.78       10.35764
         397420.54    3767170.46       10.93536                      397318.68
3767160.13       48.81502
         397022.98    3767083.62       52.64331

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        15:36:14

                                   PAGE  73
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM-2.5   IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3766771.08	1.91257	396598.26	3766771.08	2.09199
396638.26	3766771.08	2.31300	396678.26	3766771.08	2.53001
396718.26	3766771.08	2.75833	396758.26	3766771.08	2.98851
396798.26	3766771.08	3.21119	396838.26	3766771.08	3.45751
396878.26	3766771.08	3.70018	396918.26	3766771.08	3.93485
396958.26	3766771.08	4.14583	396998.26	3766771.08	4.31588
397038.26	3766771.08	4.43861	397078.26	3766771.08	4.50669
397118.26	3766771.08	4.50986	397158.26	3766771.08	4.44698
397198.26	3766771.08	4.34912	397238.26	3766771.08	4.21584
397278.26	3766771.08	4.04898	397318.26	3766771.08	3.85496
397358.26	3766771.08	3.63983	397398.26	3766771.08	3.41689
397438.26	3766771.08	3.18871	397478.26	3766771.08	2.96483
397518.26	3766771.08	2.74909	397558.26	3766771.08	2.54437
397598.26	3766771.08	2.35313	397638.26	3766771.08	2.17629
397678.26	3766771.08	2.01369	397718.26	3766771.08	1.86441
396558.26	3766811.08	2.02432	396598.26	3766811.08	2.21599
396638.26	3766811.08	2.47308	396678.26	3766811.08	2.73911
396718.26	3766811.08	3.00445	396758.26	3766811.08	3.27228
396798.26	3766811.08	3.57912	396838.26	3766811.08	3.90241
396878.26	3766811.08	4.22773	396918.26	3766811.08	4.54853
396958.26	3766811.08	4.84253	396998.26	3766811.08	5.08513
397038.26	3766811.08	5.25900	397078.26	3766811.08	5.35476

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         397118.26    3766811.08        5.38186                      397158.26
3766811.08        5.31847
         397198.26    3766811.08        5.16542                      397238.26
3766811.08        4.95220
         397278.26    3766811.08        4.70531                      397318.26
3766811.08        4.43901
         397358.26    3766811.08        4.15559                      397398.26
3766811.08        3.86281
         397438.26    3766811.08        3.57023                      397478.26
3766811.08        3.28841
         397518.26    3766811.08        3.02095                      397558.26
3766811.08        2.77209
         397598.26    3766811.08        2.54364                      397638.26
3766811.08        2.33571
         397678.26    3766811.08        2.14749                      397718.26
3766811.08        1.97749
         396558.26    3766851.08        2.14519                      396598.26
3766851.08        2.35129
         396638.26    3766851.08        2.61167                      396678.26
3766851.08        2.92402
         396718.26    3766851.08        3.25089                      396758.26
3766851.08        3.60138
         396798.26    3766851.08        3.99639                      396838.26
3766851.08        4.42443
         396878.26    3766851.08        4.87683                      396918.26
3766851.08        5.31313
         396958.26    3766851.08        5.72975                      396998.26
3766851.08        6.08419
         397038.26    3766851.08        6.33769                      397078.26
3766851.08        6.49352
         397118.26    3766851.08        6.53664                      397158.26
3766851.08        6.44727
         397198.26    3766851.08        6.23644                      397238.26
3766851.08        5.94688
         397278.26    3766851.08        5.58695                      397318.26
3766851.08        5.17905
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE  74
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                     INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
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                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397358.26    3766851.08        4.78578                      397398.26
3766851.08        4.39559
         397438.26    3766851.08        4.01731                      397478.26
3766851.08        3.65830
         397518.26    3766851.08        3.32541                      397558.26
3766851.08        3.02205
         397598.26    3766851.08        2.74881                      397638.26
3766851.08        2.50449
         397678.26    3766851.08        2.28672                      397718.26
3766851.08        2.09299
         396558.26    3766891.08        2.26345                      396598.26
3766891.08        2.49393
         396638.26    3766891.08        2.78598                      396678.26
3766891.08        3.14663
         396718.26    3766891.08        3.53534                      396758.26
3766891.08        3.97699
         396798.26    3766891.08        4.48005                      396838.26
3766891.08        5.04192
         396878.26    3766891.08        5.66464                      396918.26
3766891.08        6.27552
         396958.26    3766891.08        6.88730                      396998.26
3766891.08        7.41822
         397038.26    3766891.08        7.81345                      397078.26
3766891.08        8.08554
         397118.26    3766891.08        8.13044                      397158.26
3766891.08        7.95216
         397198.26    3766891.08        7.67466                      397238.26
3766891.08        7.24066
         397278.26    3766891.08        6.73265                      397318.26
3766891.08        6.18051
         397358.26    3766891.08        5.59793                      397398.26
3766891.08        5.04128
         397438.26    3766891.08        4.53902                      397478.26
3766891.08        4.07917
         397518.26    3766891.08        3.66496                      397558.26
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3766891.08        3.29411
         397598.26    3766891.08        2.96746                     397638.26
3766891.08        2.68089
         397678.26    3766891.08        2.42980                     397718.26
3766891.08        2.21018
         396558.26    3766931.08        2.38480                     396598.26
3766931.08        2.64651
         396638.26    3766931.08        2.98508                     396678.26
3766931.08        3.37033
         396718.26    3766931.08        3.84570                     396758.26
3766931.08        4.39375
         396798.26    3766931.08        5.03696                     396838.26
3766931.08        5.77896
         396878.26    3766931.08        6.61842                     396918.26
3766931.08        7.53159
         396958.26    3766931.08        8.45292                     396998.26
3766931.08        9.29992
         397038.26    3766931.08        9.97962                     397078.26
3766931.08       10.37490
         397118.26    3766931.08       10.43182                     397158.26
3766931.08       10.16014
         397198.26    3766931.08        9.67153                     397238.26
3766931.08        9.01014
         397278.26    3766931.08        8.23416                     397318.26
3766931.08        7.43685
         397358.26    3766931.08        6.66089                     397398.26
3766931.08        5.87966
         397438.26    3766931.08        5.16903                     397478.26
3766931.08        4.56299
         397518.26    3766931.08        4.04319                     397558.26
3766931.08        3.58721
         397598.26    3766931.08        3.19668                     397638.26
3766931.08        2.86182
         397678.26    3766931.08        2.57394                     397718.26
3766931.08        2.32761
         396558.26    3766971.08        2.49918                     396598.26
3766971.08        2.79349
         396638.26    3766971.08        3.16176                     396678.26
3766971.08        3.60462
         396718.26    3766971.08        4.15595                     396758.26
3766971.08        4.83018
         396798.26    3766971.08        5.65299                     396838.26
3766971.08        6.66081
         396878.26    3766971.08        7.83913                     396918.26
3766971.08        9.20239
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       15:36:14
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396958.26	3766971.08	10.68174	396998.26	3766971.08	12.15398
397038.26	3766971.08	13.30487	397078.26	3766971.08	13.89084
397118.26	3766971.08	13.90936	397158.26	3766971.08	13.39966
397198.26	3766971.08	12.53747	397238.26	3766971.08	11.47469
397278.26	3766971.08	10.29568	397318.26	3766971.08	9.10993
397358.26	3766971.08	7.18863	397398.26	3766971.08	6.47917
397438.26	3766971.08	5.93312	397478.26	3766971.08	5.12195
397518.26	3766971.08	4.45382	397558.26	3766971.08	3.89606
397598.26	3766971.08	3.43198	397638.26	3766971.08	3.04284
397678.26	3766971.08	2.71466	397718.26	3766971.08	2.44059
396558.26	3767011.08	2.60513	396598.26	3767011.08	2.92216
396638.26	3767011.08	3.33034	396678.26	3767011.08	3.83823
396718.26	3767011.08	4.46950	396758.26	3767011.08	5.28043

396798.26 3767011.08 6.31980 396838.26
3767011.08 7.67107
396878.26 3767011.08 9.38726 396918.26
3767011.08 11.54464
396958.26 3767011.08 14.03821 396998.26
3767011.08 16.78636
397038.26 3767011.08 18.89950 397078.26
3767011.08 19.83316
397118.26 3767011.08 19.58868 397158.26
3767011.08 18.47151
397198.26 3767011.08 16.91763 397238.26
3767011.08 15.12508
397278.26 3767011.08 13.25450 397318.26
3767011.08 11.38709
397358.26 3767011.08 8.50209 397398.26
3767011.08 6.87772
397438.26 3767011.08 6.54675 397478.26
3767011.08 5.73376
397518.26 3767011.08 4.88748 397558.26
3767011.08 4.21259
397598.26 3767011.08 3.66580 397638.26
3767011.08 3.21957
397678.26 3767011.08 2.85013 397718.26
3767011.08 2.54669
396558.26 3767051.08 2.69478 396598.26
3767051.08 3.04605
396638.26 3767051.08 3.47626 396678.26
3767051.08 4.04392
396718.26 3767051.08 4.76792 396758.26
3767051.08 5.71578
396798.26 3767051.08 7.00219 396838.26
3767051.08 8.77670
396878.26 3767051.08 11.30155 396918.26
3767051.08 14.91253
396958.26 3767051.08 19.75655 396998.26
3767051.08 25.65437
397038.26 3767051.08 30.33615 397078.26
3767051.08 31.31199
397118.26 3767051.08 29.86811 397158.26
3767051.08 27.22046
397198.26 3767051.08 24.16824 397238.26
3767051.08 20.96070
397278.26 3767051.08 17.81661 397318.26
3767051.08 14.63191
397358.26 3767051.08 11.13027 397398.26
3767051.08 8.13924
397438.26 3767051.08 6.97299 397478.26
3767051.08 6.21057
397518.26 3767051.08 5.34006 397558.26
3767051.08 4.53225

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   , L0000001   , L0000002
 , L0000003   , L0000004   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396558.26   3767091.08   2.77182   396598.26
3767091.08   3.15546
         396638.26   3767091.08   3.60685   396678.26
3767091.08   4.19822
         396718.26   3767091.08   5.00497   396758.26
3767091.08   6.09100
         396798.26   3767091.08   7.61222   396838.26
3767091.08   9.87560
         396878.26   3767091.08   13.43301   396918.26
3767091.08   19.44198
         396958.26   3767091.08   29.93302   396998.26
3767091.08   50.18614
         397078.26   3767091.08   60.66837   397118.26
3767091.08   53.00676
         397158.26   3767091.08   45.22249   397198.26
3767091.08   38.07266
         397238.26   3767091.08   31.65050   397278.26

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3767091.08       25.83996
         397318.26    3767091.08       19.94495                    397358.26
3767091.08       14.18130
         397398.26    3767091.08        9.97168                    397438.26
3767091.08        7.70578
         397478.26    3767091.08        6.01965                    397518.26
3767091.08        5.05913
         397558.26    3767091.08        4.20294                    397598.26
3767091.08        3.82178
         397638.26    3767091.08        3.53642                    397678.26
3767091.08        3.08813
         397718.26    3767091.08        2.70978                    396558.26
3767131.08        2.82839
         396598.26    3767131.08        3.22658                    396638.26
3767131.08        3.71652
         396678.26    3767131.08        4.31328                    396718.26
3767131.08        5.14868
         396758.26    3767131.08        6.33567                    396798.26
3767131.08        8.05196
         396838.26    3767131.08       10.72226                    396878.26
3767131.08       15.43211
         396918.26    3767131.08       25.20598                    396958.26
3767131.08       52.66753
         397238.26    3767131.08       58.23840                    397278.26
3767131.08       44.86057
         397318.26    3767131.08       30.55217                    397358.26
3767131.08       18.24913
         397398.26    3767131.08       11.80753                    397438.26
3767131.08        8.62085
         397478.26    3767131.08        6.26598                    397518.26
3767131.08        5.14619
         397558.26    3767131.08        4.31634                    397598.26
3767131.08        3.82795
         397638.26    3767131.08        3.59905                    397678.26
3767131.08        3.17077
         397718.26    3767131.08        2.77739                    396558.26
3767171.08        2.86035
         396598.26    3767171.08        3.26298                    396638.26
3767171.08        3.77049
         396678.26    3767171.08        4.39261                    396718.26
3767171.08        5.20738
         396758.26    3767171.08        6.40186                    396798.26
3767171.08        8.20766
         396838.26    3767171.08       11.06395                    396878.26
3767171.08       16.33002
         396918.26    3767171.08       29.20019                    397438.26
3767171.08        9.33481
         397478.26    3767171.08        7.04056                    397518.26
3767171.08        5.79991
         397558.26    3767171.08        4.84598                    397598.26
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3767171.08   4.15005
         397638.26   3767171.08   3.64251   397678.26
3767171.08   3.15340
         397718.26   3767171.08   2.78034   396558.26
3767211.08   2.85562
         396598.26   3767211.08   3.25895   396638.26
3767211.08   3.76125
         396678.26   3767211.08   4.40619   396718.26
3767211.08   5.19241
         396758.26   3767211.08   6.31106   396798.26
3767211.08   8.00648
         396838.26   3767211.08   10.70838   396878.26
3767211.08   15.26654

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   , L0000001   , L0000002
 , L0000003   , L0000004   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396918.26   3767211.08   24.27772   396958.26
3767211.08   42.13436
         397438.26   3767211.08   8.53262   397478.26
3767211.08   6.70150
         397518.26   3767211.08   5.75589   397558.26
3767211.08   4.93349
         397598.26   3767211.08   4.22702   397638.26
3767211.08   3.61248

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         397678.26    3767211.08        3.11721                    397718.26
3767211.08        2.74646
         396558.26    3767251.08        2.82827                    396598.26
3767251.08        3.22025
         396638.26    3767251.08        3.70889                    396678.26
3767251.08        4.33054
         396718.26    3767251.08        5.10739                    396758.26
3767251.08        6.09526
         396798.26    3767251.08        7.57601                    396838.26
3767251.08        9.80884
         396878.26    3767251.08       13.38045                    396918.26
3767251.08       16.85885
         396958.26    3767251.08       23.16536                    396998.26
3767251.08       32.58435
         397038.26    3767251.08       42.15189                    397078.26
3767251.08       58.00323
         397118.26    3767251.08       94.23865                    397318.26
3767251.08       34.80378
         397358.26    3767251.08       18.65808                    397398.26
3767251.08        9.87123
         397438.26    3767251.08        6.98653                    397478.26
3767251.08        5.94863
         397518.26    3767251.08        5.40943                    397558.26
3767251.08        4.58840
         397598.26    3767251.08        3.97602                    397638.26
3767251.08        3.55097
         397678.26    3767251.08        3.11058                    397718.26
3767251.08        2.74138
         396558.26    3767291.08        2.16193                    396598.26
3767291.08        2.63995
         396638.26    3767291.08        3.10662                    396678.26
3767291.08        3.85248
         396718.26    3767291.08        4.90741                    396758.26
3767291.08        5.78334
         396798.26    3767291.08        7.02622                    396838.26
3767291.08        8.81648
         396878.26    3767291.08       10.63669                    396918.26
3767291.08       12.57156
         396958.26    3767291.08       16.11153                    396998.26
3767291.08       18.29318
         397038.26    3767291.08       19.85387                    397078.26
3767291.08       25.31907
         397118.26    3767291.08       38.59965                    397158.26
3767291.08       72.94021
         397278.26    3767291.08       40.25361                    397318.26
3767291.08       25.53222
         397358.26    3767291.08       14.43048                    397398.26
3767291.08        8.48226
         397438.26    3767291.08        6.30373                    397478.26
3767291.08        5.29490
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         397518.26    3767291.08        4.43259                      397558.26
3767291.08        3.53363
         397598.26    3767291.08        3.06039                      397638.26
3767291.08        3.14989
         397678.26    3767291.08        3.04527                      397718.26
3767291.08        2.71516
         396558.26    3767331.08        1.82756                      396598.26
3767331.08        2.12578
         396638.26    3767331.08        2.55057                      396678.26
3767331.08        3.37598
         396718.26    3767331.08        4.32580                      396758.26
3767331.08        5.41007
         396798.26    3767331.08        6.42332                      396838.26
3767331.08        7.82799
         396878.26    3767331.08        9.00863                      396918.26
3767331.08       10.16112
         396958.26    3767331.08       12.10508                      396998.26
3767331.08       14.66066
         397038.26    3767331.08       15.29413                      397078.26
3767331.08       17.77170
         397118.26    3767331.08       22.54681                      397158.26
3767331.08       30.87063
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        15:36:14

                                   PAGE  78
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - -

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3767411.08        4.57515
         396798.26    3767411.08        5.24945                      396838.26
3767411.08        6.09334
         396878.26    3767411.08        6.94218                      396918.26
3767411.08        7.70185
         396958.26    3767411.08        8.42755                      396998.26
3767411.08        8.87278
         397038.26    3767411.08        8.93515                      397078.26
3767411.08        9.67941
         397118.26    3767411.08       11.17953                      397158.26
3767411.08       13.11427
         397198.26    3767411.08       14.95057                      397238.26
3767411.08       15.74962
         397278.26    3767411.08       14.94080                      397318.26
3767411.08       12.57766
         397358.26    3767411.08       10.21320                      397398.26
3767411.08        7.50702
         397438.26    3767411.08        6.18960                      397478.26
3767411.08        5.17181
         397518.26    3767411.08        4.37315                      397558.26
3767411.08        3.75139
         397598.26    3767411.08        3.26074                      397638.26
3767411.08        2.81706
         397678.26    3767411.08        2.42576                      397718.26
3767411.08        2.31606
         396558.26    3767451.08        1.66689                      396598.26
3767451.08        2.02546
         396638.26    3767451.08        2.50642                      396678.26
3767451.08        2.99661
         396718.26    3767451.08        3.47090                      396758.26
3767451.08        4.17320
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE  79
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	4.71875	396838.26	3767451.08	5.38880
396878.26	3767451.08	6.05452	396918.26	3767451.08	6.62973
396958.26	3767451.08	7.21371	396998.26	3767451.08	7.66701
397038.26	3767451.08	7.86230	397078.26	3767451.08	8.24645
397118.26	3767451.08	9.03435	397158.26	3767451.08	10.25101
397198.26	3767451.08	11.46210	397238.26	3767451.08	12.07485
397278.26	3767451.08	11.92712	397318.26	3767451.08	10.72453
397358.26	3767451.08	9.12320	397398.26	3767451.08	6.96280
397438.26	3767451.08	5.88698	397478.26	3767451.08	5.04518
397518.26	3767451.08	4.34355	397558.26	3767451.08	3.78780
397598.26	3767451.08	3.34651	397638.26	3767451.08	2.92430
397678.26	3767451.08	2.54809	397718.26	3767451.08	2.30350
396558.26	3767491.08	1.64612	396598.26	3767491.08	1.93821
396638.26	3767491.08	2.18398	396678.26	3767491.08	2.46406
396718.26	3767491.08	2.92748	396758.26	3767491.08	3.78005
396798.26	3767491.08	4.24181	396838.26	3767491.08	4.76658
396878.26	3767491.08	5.31214	396918.26	3767491.08	5.77007
396958.26	3767491.08	6.31101	396998.26	3767491.08	6.82337
397038.26	3767491.08	6.90702	397078.26	3767491.08	7.13295
397118.26	3767491.08	7.60973	397158.26	3767491.08	8.35994

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         397198.26    3767491.08        9.20278                      397238.26
3767491.08        9.68392
         397278.26    3767491.08        9.66306                      397318.26
3767491.08        9.13098
         397358.26    3767491.08        8.14502                      397398.26
3767491.08        6.67192
         397438.26    3767491.08        5.59231                      397478.26
3767491.08        4.80092
         397518.26    3767491.08        4.19944                      397558.26
3767491.08        3.73031
         397598.26    3767491.08        3.37118                      397638.26
3767491.08        2.97390
         397678.26    3767491.08        2.62415                      397718.26
3767491.08        2.37046
         396558.26    3767531.08        1.54959                      396598.26
3767531.08        1.72879
         396638.26    3767531.08        1.84325                      396678.26
3767531.08        2.07525
         396718.26    3767531.08        2.61035                      396758.26
3767531.08        3.45567
         396798.26    3767531.08        3.81989                      396838.26
3767531.08        4.22641
         396878.26    3767531.08        4.63685                      396918.26
3767531.08        5.07313
         396958.26    3767531.08        5.55695                      396998.26
3767531.08        6.07060
         397038.26    3767531.08        6.20658                      397078.26
3767531.08        6.46406
         397118.26    3767531.08        6.58979                      397158.26
3767531.08        6.99937
         397198.26    3767531.08        7.56560                      397238.26
3767531.08        7.93300
         397278.26    3767531.08        8.00469                      397318.26
3767531.08        7.73833
         397358.26    3767531.08        7.21015                      397398.26
3767531.08        6.18788
         397438.26    3767531.08        5.05863                      397478.26
3767531.08        4.43240
         397518.26    3767531.08        3.97853                      397558.26
3767531.08        3.59248
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE  80
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
```

```
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397598.26    3767531.08        3.31029                      397638.26
3767531.08        2.94086
         397678.26    3767531.08        2.61298                      397718.26
3767531.08        2.37068
         397320.82    3767219.11       46.32268                      397330.82
3767209.11       41.33467
         397340.82    3767189.11       37.70272                      397340.82
3767199.11       36.11427
         397340.82    3767209.11       34.05148                      397350.82
3767189.11       30.36348
         397350.82    3767199.11       29.72011                      397360.82
3767189.11       25.24702
         397360.82    3767199.11       24.97913                      397370.82
3767189.11       21.55290
         397380.82    3767189.11       18.68071                      396934.73
3767169.52       42.10097
         397014.53    3767229.60       70.82512                      397044.10
3767223.97       93.79637
         397113.57    3767239.93      103.30540                      397158.63
3767280.29       84.07265
         397168.95    3767307.05       55.00055                      397244.05
3767296.72       57.76702
         397260.95    3767278.88       60.25039                      397409.74
3767205.66       12.06661
         397422.89    3767189.23       10.86884                      397426.64
3767180.78       10.41745
         397420.54    3767170.46       10.99340                      397318.68
3767160.13       48.95073
         397022.98    3767083.62       52.93471                      396920.42
3767167.32       30.52003
         396989.95    3767243.54       35.27080                      397044.10
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3767223.97   93.79637
         397113.57   3767239.93   103.30540   397158.63
3767280.29   84.07265
         397168.95   3767307.05   55.00055   397244.05
3767296.72   57.76702
         397260.95   3767278.88   60.25039   397409.74
3767205.66   12.06661
         397422.89   3767189.23   10.86884   397426.64
3767180.78   10.41745
         397420.54   3767170.46   10.99340   397318.68
3767160.13   48.95073
         397022.98   3767083.62   52.93471

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396558.26   3766771.08   0.14396   396598.26
3766771.08   0.17066
         396638.26   3766771.08   0.20882   396678.26
3766771.08   0.25050
         396718.26   3766771.08   0.29240   396758.26
3766771.08   0.32497
         396798.26   3766771.08   0.34626   396838.26
3766771.08   0.35719
         396878.26   3766771.08   0.35815   396918.26

3766771.08 0.35167
396958.26 3766771.08 0.34800 396998.26 3766771.08 0.31903
397038.26 3766771.08 0.28436 397078.26 3766771.08 0.24627
397118.26 3766771.08 0.20253 397158.26 3766771.08 0.15808
397198.26 3766771.08 0.13916 397238.26 3766771.08 0.12912
397278.26 3766771.08 0.11898 397318.26 3766771.08 0.11899
397358.26 3766771.08 0.11587 397398.26 3766771.08 0.11593
397438.26 3766771.08 0.11789 397478.26 3766771.08 0.11584
397518.26 3766771.08 0.11491 397558.26 3766771.08 0.11667
397598.26 3766771.08 0.12119 397638.26 3766771.08 0.12190
397678.26 3766771.08 0.12108 397718.26 3766771.08 0.11922
396558.26 3766811.08 0.14375 396598.26 3766811.08 0.16870
396638.26 3766811.08 0.20782 396678.26 3766811.08 0.25445
396718.26 3766811.08 0.30217 396758.26 3766811.08 0.33800
396798.26 3766811.08 0.37923 396838.26 3766811.08 0.41150
396878.26 3766811.08 0.41874 396918.26 3766811.08 0.41941
396958.26 3766811.08 0.40839 396998.26 3766811.08 0.38739
397038.26 3766811.08 0.34340 397078.26 3766811.08 0.29152
397118.26 3766811.08 0.24230 397158.26 3766811.08 0.19060
397198.26 3766811.08 0.16255 397238.26 3766811.08 0.14657
397278.26 3766811.08 0.13699 397318.26 3766811.08 0.13376
397358.26 3766811.08 0.13133 397398.26 3766811.08 0.13471
397438.26 3766811.08 0.13643 397478.26 3766811.08 0.13560
397518.26 3766811.08 0.13958 397558.26 3766811.08 0.14556
397598.26 3766811.08 0.14789 397638.26 3766811.08 0.14862
397678.26 3766811.08 0.14649 397718.26

3766811.08   0.14179
         396558.26   3766851.08   0.13842   396598.26
3766851.08   0.16632
         396638.26   3766851.08   0.19967   396678.26
3766851.08   0.24568
         396718.26   3766851.08   0.29232   396758.26
3766851.08   0.34981
         396798.26   3766851.08   0.40299   396838.26
3766851.08   0.45645
         396878.26   3766851.08   0.48989   396918.26
3766851.08   0.49729
         396958.26   3766851.08   0.48162   396998.26
3766851.08   0.46200
         397038.26   3766851.08   0.41358   397078.26
3766851.08   0.35058
         397118.26   3766851.08   0.29257   397158.26
3766851.08   0.22843
         397198.26   3766851.08   0.19334   397238.26
3766851.08   0.17426
         397278.26   3766851.08   0.16147   397318.26
3766851.08   0.15261

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

             *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397358.26   3766851.08   0.15414   397398.26

3766851.08 0.15933
397438.26 3766851.08 0.15950 397478.26
3766851.08 0.16762
397518.26 3766851.08 0.17591 397558.26
3766851.08 0.17976
397598.26 3766851.08 0.18213 397638.26
3766851.08 0.17903
397678.26 3766851.08 0.17257 397718.26
3766851.08 0.16222
396558.26 3766891.08 0.13326 396598.26
3766891.08 0.15841
396638.26 3766891.08 0.19340 396678.26
3766891.08 0.23846
396718.26 3766891.08 0.29139 396758.26
3766891.08 0.35003
396798.26 3766891.08 0.42219 396838.26
3766891.08 0.48475
396878.26 3766891.08 0.55152 396918.26
3766891.08 0.57610
396958.26 3766891.08 0.58030 396998.26
3766891.08 0.54562
397038.26 3766891.08 0.49998 397078.26
3766891.08 0.43884
397118.26 3766891.08 0.35494 397158.26
3766891.08 0.27115
397198.26 3766891.08 0.23130 397238.26
3766891.08 0.20766
397278.26 3766891.08 0.19393 397318.26
3766891.08 0.18558
397358.26 3766891.08 0.19093 397398.26
3766891.08 0.19378
397438.26 3766891.08 0.19999 397478.26
3766891.08 0.21157
397518.26 3766891.08 0.22033 397558.26
3766891.08 0.22312
397598.26 3766891.08 0.21874 397638.26
3766891.08 0.21129
397678.26 3766891.08 0.19821 397718.26
3766891.08 0.18295
396558.26 3766931.08 0.13286 396598.26
3766931.08 0.15441
396638.26 3766931.08 0.18781 396678.26
3766931.08 0.22324
396718.26 3766931.08 0.27850 396758.26
3766931.08 0.34542
396798.26 3766931.08 0.41934 396838.26
3766931.08 0.50920
396878.26 3766931.08 0.58761 396918.26
3766931.08 0.65613
396958.26 3766931.08 0.68675 396998.26

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396958.26	3766971.08	0.80489	396998.26	3766971.08	0.83600
397038.26	3766971.08	0.78983	397078.26	3766971.08	0.71328
397118.26	3766971.08	0.65761	397158.26	3766971.08	0.60735
397198.26	3766971.08	0.42245	397238.26	3766971.08	0.36654
397278.26	3766971.08	0.30790	397318.26	3766971.08	0.31754
397358.26	3766971.08	0.32533	397398.26	3766971.08	0.33775
397438.26	3766971.08	0.35257	397478.26	3766971.08	0.34829
397518.26	3766971.08	0.33621	397558.26	3766971.08	0.31831
397598.26	3766971.08	0.29669	397638.26	3766971.08	0.27038
397678.26	3766971.08	0.24169	397718.26	3766971.08	0.21785
396558.26	3767011.08	0.13348	396598.26	3767011.08	0.15374
396638.26	3767011.08	0.18090	396678.26	3767011.08	0.21611
396718.26	3767011.08	0.25589	396758.26	3767011.08	0.31558
396798.26	3767011.08	0.37996	396838.26	3767011.08	0.47982
396878.26	3767011.08	0.61996	396918.26	3767011.08	0.77039
396958.26	3767011.08	0.90677	396998.26	3767011.08	1.01812
397038.26	3767011.08	1.09488	397078.26	3767011.08	1.35865
397118.26	3767011.08	1.23142	397158.26	3767011.08	0.96756
397198.26	3767011.08	0.73315	397238.26	3767011.08	0.63805
397278.26	3767011.08	0.55056	397318.26	3767011.08	0.44383
397358.26	3767011.08	0.43916	397398.26	3767011.08	0.44341
397438.26	3767011.08	0.44667	397478.26		

3767011.08   0.42578
         397518.26   3767011.08   0.39592   397558.26
3767011.08   0.36346
         397598.26   3767011.08   0.32558   397638.26
3767011.08   0.28732
         397678.26   3767011.08   0.25820   397718.26
3767011.08   0.23470
         396558.26   3767051.08   0.13323   396598.26
3767051.08   0.15364
         396638.26   3767051.08   0.17845   396678.26
3767051.08   0.21075
         396718.26   3767051.08   0.25070   396758.26
3767051.08   0.30339
         396798.26   3767051.08   0.36828   396838.26
3767051.08   0.45477
         396878.26   3767051.08   0.57901   396918.26
3767051.08   0.78206
         396958.26   3767051.08   0.98893   396998.26
3767051.08   1.40506
         397038.26   3767051.08   1.86838   397078.26
3767051.08   1.67806
         397118.26   3767051.08   1.46955   397158.26
3767051.08   1.07868
         397198.26   3767051.08   0.86772   397238.26
3767051.08   0.79791
         397278.26   3767051.08   0.93619   397318.26
3767051.08   0.78313
         397358.26   3767051.08   0.59581   397398.26
3767051.08   0.56267
         397438.26   3767051.08   0.53315   397478.26
3767051.08   0.49485
         397518.26   3767051.08   0.44603   397558.26
3767051.08   0.39935
         397598.26   3767051.08   0.35854   397638.26
3767051.08   0.31654
         397678.26   3767051.08   0.28325   397718.26
3767051.08   0.25299

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                EG06   , EG07   , EG08   , EG09   , EG10

```
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3767091.08        0.13029                      396598.26
3767091.08        0.15188
         396638.26    3767091.08        0.17493                      396678.26
3767091.08        0.20552
         396718.26    3767091.08        0.24516                      396758.26
3767091.08        0.29158
         396798.26    3767091.08        0.35067                      396838.26
3767091.08        0.43260
         396878.26    3767091.08        0.54396                      396918.26
3767091.08        0.69948
         396958.26    3767091.08        1.10864                      396998.26
3767091.08        2.20734
         397078.26    3767091.08        1.86285                      397118.26
3767091.08        1.60236
         397158.26    3767091.08        1.23189                      397198.26
3767091.08        1.16305
         397238.26    3767091.08        1.21996                      397278.26
3767091.08        1.37312
         397318.26    3767091.08        1.32493                      397358.26
3767091.08        0.77827
         397398.26    3767091.08        0.67815                      397438.26
3767091.08        0.60427
         397478.26    3767091.08        0.54551                      397518.26
3767091.08        0.48857
         397558.26    3767091.08        0.43341                      397598.26
3767091.08        0.38670
         397638.26    3767091.08        0.33971                      397678.26
3767091.08        0.29680
         397718.26    3767091.08        0.25760                      396558.26
3767131.08        0.12519
         396598.26    3767131.08        0.14433                      396638.26
3767131.08        0.16624
         396678.26    3767131.08        0.19219                      396718.26
3767131.08        0.22687
         396758.26    3767131.08        0.27292                      396798.26
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3767131.08        0.32823
         396838.26    3767131.08        0.40023                     396878.26
3767131.08        0.49508
         396918.26    3767131.08        0.62878                     396958.26
3767131.08        0.98698
         397238.26    3767131.08        1.61724                     397278.26
3767131.08        1.75098
         397318.26    3767131.08        1.69282                     397358.26
3767131.08        1.11664
         397398.26    3767131.08        0.79280                     397438.26
3767131.08        0.68753
         397478.26    3767131.08        0.59169                     397518.26
3767131.08        0.51220
         397558.26    3767131.08        0.44294                     397598.26
3767131.08        0.38242
         397638.26    3767131.08        0.33380                     397678.26
3767131.08        0.28996
         397718.26    3767131.08        0.25113                     396558.26
3767171.08        0.12514
         396598.26    3767171.08        0.14296                     396638.26
3767171.08        0.16379
         396678.26    3767171.08        0.18345                     396718.26
3767171.08        0.20668
         396758.26    3767171.08        0.24020                     396798.26
3767171.08        0.28640
         396838.26    3767171.08        0.34862                     396878.26
3767171.08        0.43727
         396918.26    3767171.08        0.55167                     397438.26
3767171.08        0.69562
         397478.26    3767171.08        0.58092                     397518.26
3767171.08        0.49397
         397558.26    3767171.08        0.42399                     397598.26
3767171.08        0.36379
         397638.26    3767171.08        0.30939                     397678.26
3767171.08        0.26615
         397718.26    3767171.08        0.23152                     396558.26
3767211.08        0.12256
         396598.26    3767211.08        0.14058                     396638.26
3767211.08        0.16043
         396678.26    3767211.08        0.18320                     396718.26
3767211.08        0.20111
         396758.26    3767211.08        0.22762                     396798.26
3767211.08        0.26508
         396838.26    3767211.08        0.31777                     396878.26
3767211.08        0.38121
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       15:36:14
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	0.46230	396958.26	3767211.08	0.55092
397438.26	3767211.08	0.59155	397478.26	3767211.08	0.48862
397518.26	3767211.08	0.41316	397558.26	3767211.08	0.35929
397598.26	3767211.08	0.31504	397638.26	3767211.08	0.27496
397678.26	3767211.08	0.24021	397718.26	3767211.08	0.21111
396558.26	3767251.08	0.11457	396598.26	3767251.08	0.13044
396638.26	3767251.08	0.14818	396678.26	3767251.08	0.16879
396718.26	3767251.08	0.18574	396758.26	3767251.08	0.20332
396798.26	3767251.08	0.23511	396838.26	3767251.08	0.28278
396878.26	3767251.08	0.35140	396918.26	3767251.08	0.41738
396958.26	3767251.08	0.48235	396998.26	3767251.08	0.63036
397038.26	3767251.08	0.55836	397078.26	3767251.08	0.61016
397118.26	3767251.08	1.37409	397318.26	3767251.08	1.23028
397358.26	3767251.08	0.88764	397398.26		

3767251.08 0.68653
397438.26 3767251.08 0.55241 397478.26
3767251.08 0.45367
397518.26 3767251.08 0.38175 397558.26
3767251.08 0.32913
397598.26 3767251.08 0.28801 397638.26
3767251.08 0.25354
397678.26 3767251.08 0.22407 397718.26
3767251.08 0.19817
396558.26 3767291.08 0.10752 396598.26
3767291.08 0.12333
396638.26 3767291.08 0.14095 396678.26
3767291.08 0.16129
396718.26 3767291.08 0.18448 396758.26
3767291.08 0.19696
396798.26 3767291.08 0.22464 396838.26
3767291.08 0.26192
396878.26 3767291.08 0.31851 396918.26
3767291.08 0.36083
396958.26 3767291.08 0.40644 396998.26
3767291.08 0.49842
397038.26 3767291.08 0.73593 397078.26
3767291.08 1.05211
397118.26 3767291.08 0.93789 397158.26
3767291.08 1.43793
397278.26 3767291.08 1.53648 397318.26
3767291.08 1.40896
397358.26 3767291.08 1.01130 397398.26
3767291.08 0.81866
397438.26 3767291.08 0.64987 397478.26
3767291.08 0.52407
397518.26 3767291.08 0.42884 397558.26
3767291.08 0.35637
397598.26 3767291.08 0.29612 397638.26
3767291.08 0.24837
397678.26 3767291.08 0.21538 397718.26
3767291.08 0.18908
396558.26 3767331.08 0.10534 396598.26
3767331.08 0.11843
396638.26 3767331.08 0.13354 396678.26
3767331.08 0.15323
396718.26 3767331.08 0.17580 396758.26
3767331.08 0.19197
396798.26 3767331.08 0.21363 396838.26
3767331.08 0.24693
396878.26 3767331.08 0.29354 396918.26
3767331.08 0.32392
396958.26 3767331.08 0.37921 396998.26
3767331.08 0.45006
397038.26 3767331.08 0.60393 397078.26

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397198.26   3767331.08   1.43525   397238.26
3767331.08   1.50542
         397278.26   3767331.08   1.41028   397318.26
3767331.08   1.09474
         397358.26   3767331.08   0.97215   397398.26
3767331.08   0.82727
         397438.26   3767331.08   0.68407   397478.26
3767331.08   0.56916
         397518.26   3767331.08   0.47259   397558.26
3767331.08   0.39414
         397598.26   3767331.08   0.33304   397638.26
3767331.08   0.28005
         397678.26   3767331.08   0.23564   397718.26
3767331.08   0.19756
         396558.26   3767371.08   0.10213   396598.26
3767371.08   0.11442
         396638.26   3767371.08   0.13003   396678.26
3767371.08   0.15030
         396718.26   3767371.08   0.17267   396758.26

3767371.08 0.18932
396798.26 3767371.08 0.20847 396838.26
3767371.08 0.23560
396878.26 3767371.08 0.27863 396918.26
3767371.08 0.31517
396958.26 3767371.08 0.36273 396998.26
3767371.08 0.44813
397038.26 3767371.08 0.55948 397078.26
3767371.08 0.73414
397118.26 3767371.08 0.88351 397158.26
3767371.08 1.09703
397198.26 3767371.08 1.12030 397238.26
3767371.08 1.08473
397278.26 3767371.08 1.01276 397318.26
3767371.08 0.94025
397358.26 3767371.08 0.83864 397398.26
3767371.08 0.76422
397438.26 3767371.08 0.65572 397478.26
3767371.08 0.55732
397518.26 3767371.08 0.47874 397558.26
3767371.08 0.41132
397598.26 3767371.08 0.35086 397638.26
3767371.08 0.29809
397678.26 3767371.08 0.25140 397718.26
3767371.08 0.21384
396558.26 3767411.08 0.09723 396598.26
3767411.08 0.11008
396638.26 3767411.08 0.12563 396678.26
3767411.08 0.14352
396718.26 3767411.08 0.16552 396758.26
3767411.08 0.18550
396798.26 3767411.08 0.20326 396838.26
3767411.08 0.23104
396878.26 3767411.08 0.26426 396918.26
3767411.08 0.30019
396958.26 3767411.08 0.35742 396998.26
3767411.08 0.42668
397038.26 3767411.08 0.51519 397078.26
3767411.08 0.64283
397118.26 3767411.08 0.73531 397158.26
3767411.08 0.85399
397198.26 3767411.08 0.94108 397238.26
3767411.08 0.92817
397278.26 3767411.08 0.87239 397318.26
3767411.08 0.81727
397358.26 3767411.08 0.74227 397398.26
3767411.08 0.66160
397438.26 3767411.08 0.59966 397478.26
3767411.08 0.53374
397518.26 3767411.08 0.46218 397558.26

3767411.08   0.40056
         397598.26   3767411.08   0.35116   397638.26
3767411.08   0.30319
         397678.26   3767411.08   0.26182   397718.26
3767411.08   0.22448
         396558.26   3767451.08   0.09425   396598.26
3767451.08   0.10607
         396638.26   3767451.08   0.12201   396678.26
3767451.08   0.14025
         396718.26   3767451.08   0.15861   396758.26
3767451.08   0.17856

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396798.26   3767451.08   0.19563   396838.26
3767451.08   0.22185
         396878.26   3767451.08   0.25587   396918.26
3767451.08   0.29348
         396958.26   3767451.08   0.34009   396998.26
3767451.08   0.38050
         397038.26   3767451.08   0.45828   397078.26
3767451.08   0.55009
         397118.26   3767451.08   0.63211   397158.26
3767451.08   0.71995
         397198.26   3767451.08   0.79834   397238.26

3767451.08 0.81332
397278.26 3767451.08 0.77401 397318.26 3767451.08 0.70422
397358.26 3767451.08 0.65668 397398.26 3767451.08 0.59960
397438.26 3767451.08 0.52993 397478.26 3767451.08 0.48382
397518.26 3767451.08 0.43911 397558.26 3767451.08 0.38757
397598.26 3767451.08 0.33886 397638.26 3767451.08 0.29479
397678.26 3767451.08 0.25940 397718.26 3767451.08 0.22621
396558.26 3767491.08 0.09187 396598.26 3767491.08 0.10360
396638.26 3767491.08 0.11824 396678.26 3767491.08 0.13262
396718.26 3767491.08 0.14895 396758.26 3767491.08 0.16805
396798.26 3767491.08 0.18641 396838.26 3767491.08 0.21658
396878.26 3767491.08 0.24829 396918.26 3767491.08 0.28294
396958.26 3767491.08 0.31250 396998.26 3767491.08 0.34167
397038.26 3767491.08 0.40973 397078.26 3767491.08 0.48371
397118.26 3767491.08 0.55541 397158.26 3767491.08 0.61389
397198.26 3767491.08 0.67500 397238.26 3767491.08 0.70361
397278.26 3767491.08 0.67797 397318.26 3767491.08 0.63440
397358.26 3767491.08 0.57924 397398.26 3767491.08 0.53519
397438.26 3767491.08 0.48845 397478.26 3767491.08 0.43669
397518.26 3767491.08 0.39718 397558.26 3767491.08 0.36478
397598.26 3767491.08 0.32559 397638.26 3767491.08 0.28579
397678.26 3767491.08 0.25141 397718.26 3767491.08 0.21996
396558.26 3767531.08 0.08976 396598.26 3767531.08 0.10068
396638.26 3767531.08 0.11158 396678.26 3767531.08 0.12477
396718.26 3767531.08 0.14016 396758.26 3767531.08 0.16216
396798.26 3767531.08 0.18297 396838.26

3767531.08   0.20858
         396878.26   3767531.08   0.23760   396918.26
3767531.08   0.26153
         396958.26   3767531.08   0.28326   396998.26
3767531.08   0.32000
         397038.26   3767531.08   0.37251   397078.26
3767531.08   0.43945
         397118.26   3767531.08   0.49870   397158.26
3767531.08   0.53715
         397198.26   3767531.08   0.58350   397238.26
3767531.08   0.61326
         397278.26   3767531.08   0.59686   397318.26
3767531.08   0.56719
         397358.26   3767531.08   0.52218   397398.26
3767531.08   0.48137
         397438.26   3767531.08   0.44253   397478.26
3767531.08   0.40294
         397518.26   3767531.08   0.36103   397558.26
3767531.08   0.32718

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397598.26   3767531.08   0.30272   397638.26
3767531.08   0.27289
         397678.26   3767531.08   0.24247   397718.26

3767531.08   0.21377
         397320.82   3767219.11   1.72954   397330.82
3767209.11   1.94806
         397340.82   3767189.11   2.12119   397340.82
3767199.11   1.97576
         397340.82   3767209.11   1.83398   397350.82
3767189.11   2.03666
         397350.82   3767199.11   1.85946   397360.82
3767189.11   1.75907
         397360.82   3767199.11   1.60405   397370.82
3767189.11   1.26142
         397380.82   3767189.11   0.94325   396934.73
3767169.52   0.60351
         397014.53   3767229.60   0.87363   397044.10
3767223.97   0.85787
         397113.57   3767239.93   1.47301   397158.63
3767280.29   1.70008
         397168.95   3767307.05   1.21255   397244.05
3767296.72   1.31669
         397260.95   3767278.88   1.36054   397409.74
3767205.66   0.70832
         397422.89   3767189.23   0.71521   397426.64
3767180.78   0.72070
         397420.54   3767170.46   0.75731   397318.68
3767160.13   1.75030
         397022.98   3767083.62   2.16549   396920.42
3767167.32   0.56688
         396989.95   3767243.54   0.62198   397044.10
3767223.97   0.85787
         397113.57   3767239.93   1.47301   397158.63
3767280.29   1.70008
         397168.95   3767307.05   1.21255   397244.05
3767296.72   1.31669
         397260.95   3767278.88   1.36054   397409.74
3767205.66   0.70832
         397422.89   3767189.23   0.71521   397426.64
3767180.78   0.72070
         397420.54   3767170.46   0.75731   397318.68
3767160.13   1.75030
         397022.98   3767083.62   2.16549

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED

OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3766771.08	3.20691	396598.26	3766771.08	3.49507
396638.26	3766771.08	3.84412	396678.26	3766771.08	4.18600
396718.26	3766771.08	4.54326	396758.26	3766771.08	4.90457
396798.26	3766771.08	5.25653	396838.26	3766771.08	5.64398
396878.26	3766771.08	6.02877	396918.26	3766771.08	6.40442
396958.26	3766771.08	6.75750	396998.26	3766771.08	7.05273
397038.26	3766771.08	7.27225	397078.26	3766771.08	7.40155
397118.26	3766771.08	7.42312	397158.26	3766771.08	7.33438
397198.26	3766771.08	7.18211	397238.26	3766771.08	6.96730
397278.26	3766771.08	6.69478	397318.26	3766771.08	6.37668
397358.26	3766771.08	6.02555	397398.26	3766771.08	5.66107
397438.26	3766771.08	5.28833	397478.26	3766771.08	4.92253
397518.26	3766771.08	4.56991	397558.26	3766771.08	4.23506
397598.26	3766771.08	3.92205	397638.26	3766771.08	3.63632
397678.26	3766771.08	3.37182	397718.26	3766771.08	3.12732

396558.26 3766811.08 3.39795 396598.26 3766811.08 3.70998
396638.26 3766811.08 4.11943 396678.26 3766811.08 4.54034
396718.26 3766811.08 4.96027 396758.26 3766811.08 5.38351
396798.26 3766811.08 5.86349 396838.26 3766811.08 6.36832
396878.26 3766811.08 6.87861 396918.26 3766811.08 7.38501
396958.26 3766811.08 7.85472 396998.26 3766811.08 8.26819
397038.26 3766811.08 8.57400 397078.26 3766811.08 8.75296
397118.26 3766811.08 8.81542 397158.26 3766811.08 8.72768
397198.26 3766811.08 8.49161 397238.26 3766811.08 8.15305
397278.26 3766811.08 7.75439 397318.26 3766811.08 7.32263
397358.26 3766811.08 6.86190 397398.26 3766811.08 6.38540
397438.26 3766811.08 5.90917 397478.26 3766811.08 5.45003
397518.26 3766811.08 5.01402 397558.26 3766811.08 4.60775
397598.26 3766811.08 4.23743 397638.26 3766811.08 3.89981
397678.26 3766811.08 3.59199 397718.26 3766811.08 3.31203
396558.26 3766851.08 3.60133 396598.26 3766851.08 3.94083
396638.26 3766851.08 4.36332 396678.26 3766851.08 4.86296
396718.26 3766851.08 5.38390 396758.26 3766851.08 5.93857
396798.26 3766851.08 6.56220 396838.26 3766851.08 7.22779
396878.26 3766851.08 7.92656 396918.26 3766851.08 8.60860
396958.26 3766851.08 9.26397 396998.26 3766851.08 9.83874
397038.26 3766851.08 10.27604 397078.26 3766851.08 10.55500
397118.26 3766851.08 10.64810 397158.26 3766851.08 10.52404
397198.26 3766851.08 10.19950 397238.26 3766851.08 9.74076
397278.26 3766851.08 9.16663 397318.26 3766851.08 8.51502

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397358.26	3766851.08	7.87999	397398.26	3766851.08	7.24782
397438.26	3766851.08	6.63408	397478.26	3766851.08	6.05104
397518.26	3766851.08	5.50965	397558.26	3766851.08	5.01638
397598.26	3766851.08	4.57393	397638.26	3766851.08	4.17537
397678.26	3766851.08	3.81762	397718.26	3766851.08	3.49734
396558.26	3766891.08	3.79788	396598.26	3766891.08	4.18006
396638.26	3766891.08	4.65817	396678.26	3766891.08	5.24122
396718.26	3766891.08	5.86656	396758.26	3766891.08	6.57015
396798.26	3766891.08	7.36868	396838.26	3766891.08	8.25257
396878.26	3766891.08	9.21262	396918.26	3766891.08	10.15278
396958.26	3766891.08	11.10238	396998.26		

```
3766891.08       11.93333
         397038.26    3766891.08       12.58891                       397078.26
3766891.08       13.05245
         397118.26    3766891.08       13.15802                       397158.26
3766891.08       12.90609
         397198.26    3766891.08       12.47783                       397238.26
3766891.08       11.79524
         397278.26    3766891.08       10.99272                       397318.26
3766891.08       10.11284
         397358.26    3766891.08        9.18188                       397398.26
3766891.08        8.28800
         397438.26    3766891.08        7.47673                       397478.26
3766891.08        6.73217
         397518.26    3766891.08        6.05990                       397558.26
3766891.08        5.45867
         397598.26    3766891.08        4.92782                       397638.26
3766891.08        4.45866
         397678.26    3766891.08        4.04498                       397718.26
3766891.08        3.68258
         396558.26    3766931.08        3.99488                       396598.26
3766931.08        4.43030
         396638.26    3766931.08        4.98621                       396678.26
3766931.08        5.61697
         396718.26    3766931.08        6.38833                       396758.26
3766931.08        7.26967
         396798.26    3766931.08        8.29207                       396838.26
3766931.08        9.46881
         396878.26    3766931.08       10.77987                       396918.26
3766931.08       12.17509
         396958.26    3766931.08       13.58533                       396998.26
3766931.08       14.88862
         397038.26    3766931.08       15.94911                       397078.26
3766931.08       16.61326
         397118.26    3766931.08       16.74763                       397158.26
3766931.08       16.36100
         397198.26    3766931.08       15.61569                       397238.26
3766931.08       14.58855
         397278.26    3766931.08       13.37265                       397318.26
3766931.08       12.10932
         397358.26    3766931.08       10.87068                       397398.26
3766931.08        9.62428
         397438.26    3766931.08        8.48664                       397478.26
3766931.08        7.51019
         397518.26    3766931.08        6.66873                       397558.26
3766931.08        5.92913
         397598.26    3766931.08        5.29345                       397638.26
3766931.08        4.74675
         397678.26    3766931.08        4.27544                       397718.26
3766931.08        3.87085
         396558.26    3766971.08        4.17652                       396598.26
```

3766971.08   4.66589
         396638.26   3766971.08   5.27380   396678.26
3766971.08   6.00166
         396718.26   3766971.08   6.90146   396758.26
3766971.08   7.99518
         396798.26   3766971.08   9.31450   396838.26
3766971.08   10.90894
         396878.26   3766971.08   12.76618   396918.26
3766971.08   14.86966

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

             *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396958.26   3766971.08   17.10644   396998.26
3766971.08   19.33638
         397038.26   3766971.08   21.07696   397078.26
3766971.08   22.01826
         397118.26   3766971.08   22.09060   397158.26
3766971.08   21.35408
         397198.26   3766971.08   20.06785   397238.26
3766971.08   18.44353
         397278.26   3766971.08   16.61136   397318.26
3766971.08   14.74598
         397358.26   3766971.08   12.61085   397398.26
3766971.08   10.97593

```
         397438.26    3766971.08        9.69988                    397478.26
3766971.08        8.40074
         397518.26    3766971.08        7.32447                    397558.26
3766971.08        6.42236
         397598.26    3766971.08        5.66887                    397638.26
3766971.08        5.03503
         397678.26    3766971.08        4.49900                    397718.26
3766971.08        4.04964
         396558.26    3767011.08        4.34092                    396598.26
3767011.08        4.86775
         396638.26    3767011.08        5.54092                    396678.26
3767011.08        6.37518
         396718.26    3767011.08        7.41219                    396758.26
3767011.08        8.73595
         396798.26    3767011.08       10.41626                    396838.26
3767011.08       12.56251
         396878.26    3767011.08       15.25287                    396918.26
3767011.08       18.60007
         396958.26    3767011.08       22.37552                    396998.26
3767011.08       26.49210
         397038.26    3767011.08       29.61644                    397078.26
3767011.08       30.97048
         397118.26    3767011.08       30.67738                    397158.26
3767011.08       29.09099
         397198.26    3767011.08       26.78541                    397238.26
3767011.08       24.07599
         397278.26    3767011.08       21.19939                    397318.26
3767011.08       18.29784
         397358.26    3767011.08       14.97984                    397398.26
3767011.08       12.36736
         397438.26    3767011.08       10.92395                    397478.26
3767011.08        9.36633
         397518.26    3767011.08        8.00917                    397558.26
3767011.08        6.92126
         397598.26    3767011.08        6.03637                    397638.26
3767011.08        5.31174
         397678.26    3767011.08        4.71021                    397718.26
3767011.08        4.21439
         396558.26    3767051.08        4.47687                    396598.26
3767051.08        5.05690
         396638.26    3767051.08        5.76619                    396678.26
3767051.08        6.69565
         396718.26    3767051.08        7.87829                    396758.26
3767051.08        9.42923
         396798.26    3767051.08       11.51791                    396838.26
3767051.08       14.36786
         396878.26    3767051.08       18.34355                    396918.26
3767051.08       23.88373
         396958.26    3767051.08       31.22998                    396998.26
3767051.08       39.96993
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         397038.26    3767051.08       46.74419                      397078.26
3767051.08       48.13560
         397118.26    3767051.08       46.07273                      397158.26
3767051.08       42.25431
         397198.26    3767051.08       37.74662                      397238.26
3767051.08       32.94306
         397278.26    3767051.08       28.15609                      397318.26
3767051.08       23.33855
         397358.26    3767051.08       18.54658                      397398.26
3767051.08       14.46485
         397438.26    3767051.08       12.08771                      397478.26
3767051.08       10.28587
         397518.26    3767051.08        8.71072                      397558.26
3767051.08        7.41440
         397598.26    3767051.08        6.38648                      397638.26
3767051.08        5.56539
         397678.26    3767051.08        4.90150                      397718.26
3767051.08        4.34466
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```
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA     ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3767091.08        4.59138                      396598.26
3767091.08        5.22022
         396638.26    3767091.08        5.96210                      396678.26
```

3767091.08 6.92897
396718.26 3767091.08 8.23897 396758.26
3767091.08 9.99486
396798.26 3767091.08 12.44903 396838.26
3767091.08 16.07796
396878.26 3767091.08 21.70012 396918.26
3767091.08 30.95446
396958.26 3767091.08 46.66198 396998.26
3767091.08 76.84893
397078.26 3767091.08 91.78612 397118.26
3767091.08 80.18444
397158.26 3767091.08 68.77267 397198.26
3767091.08 58.30164
397238.26 3767091.08 48.80800 397278.26
3767091.08 40.11535
397318.26 3767091.08 31.38377 397358.26
3767091.08 23.27691
397398.26 3767091.08 17.52007 397438.26
3767091.08 14.26094
397478.26 3767091.08 11.79894 397518.26
3767091.08 9.80184
397558.26 3767091.08 8.35195 397598.26
3767091.08 6.80504
397638.26 3767091.08 5.78472 397678.26
3767091.08 5.06250
397718.26 3767091.08 4.46760 396558.26
3767131.08 4.67331
396598.26 3767131.08 5.32314 396638.26
3767131.08 6.12183
396678.26 3767131.08 7.09576 396718.26
3767131.08 8.44760
396758.26 3767131.08 10.35435 396798.26
3767131.08 13.09383
396838.26 3767131.08 17.31613 396878.26
3767131.08 24.64575
396918.26 3767131.08 39.57383 396958.26
3767131.08 80.87971
397238.26 3767131.08 87.42476 397278.26
3767131.08 67.84744
397318.26 3767131.08 47.35924 397358.26
3767131.08 29.62980
397398.26 3767131.08 21.18824 397438.26
3767131.08 16.19140
397478.26 3767131.08 13.18723 397518.26
3767131.08 10.76558
397558.26 3767131.08 8.99703 397598.26
3767131.08 7.42279
397638.26 3767131.08 5.91001 397678.26
3767131.08 5.17418
397718.26 3767131.08 4.55374 396558.26

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3767171.08        4.71952
         396598.26    3767171.08        5.37154                      396638.26
3767171.08        6.19402
         396678.26    3767171.08        7.20245                      396718.26
3767171.08        8.51803
         396758.26    3767171.08       10.42730                      396798.26
3767171.08       13.28459
         396838.26    3767171.08       17.75299                      396878.26
3767171.08       25.85051
         396918.26    3767171.08       45.27240                      397438.26
3767171.08       17.20667
         397478.26    3767171.08       13.43748                      397518.26
3767171.08       10.59878
         397558.26    3767171.08        8.56999                      397598.26
3767171.08        7.02424
         397638.26    3767171.08        5.97023                      397678.26
3767171.08        5.18951
         397718.26    3767171.08        4.57518                      396558.26
3767211.08        4.71454
         396598.26    3767211.08        5.36520                      396638.26
3767211.08        6.17222
         396678.26    3767211.08        7.20376                      396718.26
3767211.08        8.46805
         396758.26    3767211.08       10.24913                      396798.26
3767211.08       12.91492
         396838.26    3767211.08       17.11172                      396878.26
3767211.08       24.10856
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE  93
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

             *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA     ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	37.96470	396958.26	3767211.08	65.90961
397438.26	3767211.08	17.84563	397478.26	3767211.08	14.14568
397518.26	3767211.08	10.79470	397558.26	3767211.08	8.55285
397598.26	3767211.08	7.06268	397638.26	3767211.08	6.03096
397678.26	3767211.08	5.24614	397718.26	3767211.08	4.58024
396558.26	3767251.08	4.66856	396598.26	3767251.08	5.30022
396638.26	3767251.08	6.08402	396678.26	3767251.08	7.07560
396718.26	3767251.08	8.30964	396758.26	3767251.08	9.87201
396798.26	3767251.08	12.19906	396838.26	3767251.08	15.67646
396878.26	3767251.08	21.17340	396918.26	3767251.08	29.34557
396958.26	3767251.08	41.07074	396998.26	3767251.08	54.76938
397038.26	3767251.08	66.14855	397078.26	3767251.08	86.62963
397118.26	3767251.08	136.29649	397318.26	3767251.08	49.97476
397358.26	3767251.08	33.72987	397398.26	3767251.08	22.63346
397438.26	3767251.08	17.21280	397478.26	3767251.08	14.37483
397518.26	3767251.08	11.61299	397558.26	3767251.08	9.50125
397598.26	3767251.08	7.71242	397638.26	3767251.08	6.09650
397678.26	3767251.08	5.26979	397718.26	3767251.08	4.59955
396558.26	3767291.08	5.00181	396598.26	3767291.08	5.50928
396638.26	3767291.08	6.18870	396678.26	3767291.08	6.85937
396718.26	3767291.08	7.98107	396758.26	3767291.08	9.36499
396798.26	3767291.08	11.32377	396838.26	3767291.08	14.12634

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         396878.26    3767291.08       18.24575                      396918.26
3767291.08       23.77635
         396958.26    3767291.08       29.74114                      396998.26
3767291.08       33.18151
         397038.26    3767291.08       34.12755                      397078.26
3767291.08       41.07239
         397118.26    3767291.08       58.94984                      397158.26
3767291.08      105.84527
         397278.26    3767291.08       57.75916                      397318.26
3767291.08       41.59073
         397358.26    3767291.08       29.35120                      397398.26
3767291.08       20.44029
         397438.26    3767291.08       16.41419                      397478.26
3767291.08       14.17196
         397518.26    3767291.08       12.04390                      397558.26
3767291.08        9.98804
         397598.26    3767291.08        8.69764                      397638.26
3767291.08        7.53483
         397678.26    3767291.08        5.73977                      397718.26
3767291.08        4.78173
         396558.26    3767331.08        5.56660                      396598.26
3767331.08        6.09452
         396638.26    3767331.08        6.58799                      396678.26
3767331.08        7.00616
         396718.26    3767331.08        7.54429                      396758.26
3767331.08        8.76398
         396798.26    3767331.08       10.38026                      396838.26
3767331.08       12.63850
         396878.26    3767331.08       15.72660                      396918.26
3767331.08       19.46285
         396958.26    3767331.08       23.08598                      396998.26
3767331.08       26.83220
         397038.26    3767331.08       27.42418                      397078.26
3767331.08       30.80231
         397118.26    3767331.08       37.29439                      397158.26
3767331.08       48.38901
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE  94
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
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                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397198.26    3767331.08       53.67975                     397238.26
3767331.08       50.15937
         397278.26    3767331.08       43.47812                     397318.26
3767331.08       34.74514
         397358.26    3767331.08       26.29482                     397398.26
3767331.08       19.88559
         397438.26    3767331.08       16.50125                     397478.26
3767331.08       13.93849
         397518.26    3767331.08       11.77423                     397558.26
3767331.08       10.10286
         397598.26    3767331.08        8.79231                     397638.26
3767331.08        8.07350
         397678.26    3767331.08        7.01514                     397718.26
3767331.08        5.37674
         396558.26    3767371.08        5.40951                     396598.26
3767371.08        5.80517
         396638.26    3767371.08        6.31833                     396678.26
3767371.08        6.43140
         396718.26    3767371.08        7.00629                     396758.26
3767371.08        8.11508
         396798.26    3767371.08        9.45007                     396838.26
3767371.08       11.26863
         396878.26    3767371.08       13.41092                     396918.26
3767371.08       16.35829
         396958.26    3767371.08       19.45882                     396998.26
3767371.08       22.34870
         397038.26    3767371.08       22.41902                     397078.26
3767371.08       23.58003
         397118.26    3767371.08       27.28688                     397158.26
3767371.08       30.62623
         397198.26    3767371.08       34.84173                     397238.26
3767371.08       35.75549
         397278.26    3767371.08       32.57803                     397318.26
3767371.08       28.58626
         397358.26    3767371.08       23.99359                     397398.26
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3767371.08       19.27976
         397438.26    3767371.08       16.49665                       397478.26
3767371.08       14.08426
         397518.26    3767371.08       12.17743                       397558.26
3767371.08       10.64423
         397598.26    3767371.08        9.31488                       397638.26
3767371.08        8.16703
         397678.26    3767371.08        7.49788                       397718.26
3767371.08        6.58202
         396558.26    3767411.08        5.21638                       396598.26
3767411.08        5.61609
         396638.26    3767411.08        5.67367                       396678.26
3767411.08        5.83401
         396718.26    3767411.08        6.51983                       396758.26
3767411.08        7.45324
         396798.26    3767411.08        8.58964                       396838.26
3767411.08       10.02542
         396878.26    3767411.08       11.58853                       396918.26
3767411.08       13.91773
         396958.26    3767411.08       16.92522                       396998.26
3767411.08       18.24027
         397038.26    3767411.08       17.94162                       397078.26
3767411.08       18.58046
         397118.26    3767411.08       20.95576                       397158.26
3767411.08       24.19094
         397198.26    3767411.08       27.29772                       397238.26
3767411.08       28.39149
         397278.26    3767411.08       26.64475                       397318.26
3767411.08       23.85603
         397358.26    3767411.08       21.83237                       397398.26
3767411.08       18.11275
         397438.26    3767411.08       15.87538                       397478.26
3767411.08       14.03066
         397518.26    3767411.08       12.31141                       397558.26
3767411.08       10.80625
         397598.26    3767411.08        9.71781                       397638.26
3767411.08        8.64012
         397678.26    3767411.08        7.60907                       397718.26
3767411.08        7.04681
         396558.26    3767451.08        5.09289                       396598.26
3767451.08        5.40422
         396638.26    3767451.08        5.34226                       396678.26
3767451.08        5.52826
         396718.26    3767451.08        6.09240                       396758.26
3767451.08        6.82829
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       15:36:14
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	7.77851	396838.26	3767451.08	8.90863
396878.26	3767451.08	10.07531	396918.26	3767451.08	12.11254
396958.26	3767451.08	14.81651	396998.26	3767451.08	16.23661
397038.26	3767451.08	16.32642	397078.26	3767451.08	16.59236
397118.26	3767451.08	18.05432	397158.26	3767451.08	20.13649
397198.26	3767451.08	22.46421	397238.26	3767451.08	23.41711
397278.26	3767451.08	22.63170	397318.26	3767451.08	20.58274
397358.26	3767451.08	18.98672	397398.26	3767451.08	16.68556
397438.26	3767451.08	15.02322	397478.26	3767451.08	13.44664
397518.26	3767451.08	12.17990	397558.26	3767451.08	10.98218
397598.26	3767451.08	9.88355	397638.26	3767451.08	8.81572
397678.26	3767451.08	7.96983	397718.26	3767451.08	7.26522
396558.26	3767491.08	4.94347	396598.26	3767491.08	5.16439

396638.26 3767491.08 5.55301 396678.26
3767491.08 5.96918
396718.26 3767491.08 6.10747 396758.26
3767491.08 6.24624
396798.26 3767491.08 7.02792 396838.26
3767491.08 7.90513
396878.26 3767491.08 8.83506 396918.26
3767491.08 10.51549
396958.26 3767491.08 12.87519 396998.26
3767491.08 14.41370
397038.26 3767491.08 14.87484 397078.26
3767491.08 15.05709
397118.26 3767491.08 15.92653 397158.26
3767491.08 17.25143
397198.26 3767491.08 19.13490 397238.26
3767491.08 19.97110
397278.26 3767491.08 19.56612 397318.26
3767491.08 18.31447
397358.26 3767491.08 16.94336 397398.26
3767491.08 15.35908
397438.26 3767491.08 14.16661 397478.26
3767491.08 12.79616
397518.26 3767491.08 11.59625 397558.26
3767491.08 10.72826
397598.26 3767491.08 9.97686 397638.26
3767491.08 9.00642
397678.26 3767491.08 8.08744 397718.26
3767491.08 7.39829
396558.26 3767531.08 4.77307 396598.26
3767531.08 5.14590
396638.26 3767531.08 5.56764 396678.26
3767531.08 6.02051
396718.26 3767531.08 5.99941 396758.26
3767531.08 5.71973
396798.26 3767531.08 6.34744 396838.26
3767531.08 7.04422
396878.26 3767531.08 7.73828 396918.26
3767531.08 8.90919
396958.26 3767531.08 11.00175 396998.26
3767531.08 12.52705
397038.26 3767531.08 13.61400 397078.26
3767531.08 14.01379
397118.26 3767531.08 14.33264 397158.26
3767531.08 15.11020
397198.26 3767531.08 16.54248 397238.26
3767531.08 17.23915
397278.26 3767531.08 17.16240 397318.26
3767531.08 16.21793
397358.26 3767531.08 15.08579 397398.26
3767531.08 13.99704

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397438.26	3767531.08	12.66230	397478.26	3767531.08	11.90761
397518.26	3767531.08	11.04192	397558.26	3767531.08	10.19922
397598.26	3767531.08	9.64850	397638.26	3767531.08	8.94400
397678.26	3767531.08	8.14298	397718.26	3767531.08	7.46661
397320.82	3767219.11	65.26798	397330.82	3767209.11	58.79105
397340.82	3767189.11	54.84554	397340.82	3767199.11	52.12410
397340.82	3767209.11	48.79560	397350.82	3767189.11	44.66394
397350.82	3767199.11	43.39009	397360.82	3767189.11	37.58304
397360.82	3767199.11	36.90408	397370.82	3767189.11	32.42850
397380.82	3767189.11	28.41455	396934.73	3767169.52	64.92894
397014.53	3767229.60	104.50637	397044.10		

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3767223.97      137.22566
         397113.57    3767239.93      148.51708                       397158.63
3767280.29      120.82437
         397168.95    3767307.05       80.27777                       397244.05
3767296.72       80.86249
         397260.95    3767278.88       85.75246                       397409.74
3767205.66       21.47929
         397422.89    3767189.23       19.33096                       397426.64
3767180.78       18.76195
         397420.54    3767170.46       19.48845                       397318.68
3767160.13       76.04791
         397022.98    3767083.62       80.83723                       396920.42
3767167.32       47.28608
         396989.95    3767243.54       58.43841                       397044.10
3767223.97      137.22566
         397113.57    3767239.93      148.51708                       397158.63
3767280.29      120.82437
         397168.95    3767307.05       80.27777                       397244.05
3767296.72       80.86249
         397260.95    3767278.88       85.75246                       397409.74
3767205.66       21.47929
         397422.89    3767189.23       19.33096                       397426.64
3767180.78       18.76195
         397420.54    3767170.46       19.48845                       397318.68
3767160.13       76.04791
         397022.98    3767083.62       80.83723

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE  97
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

             *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3766771.08	3.23781	396598.26	3766771.08	3.52915
396638.26	3766771.08	3.88431	396678.26	3766771.08	4.22664
396718.26	3766771.08	4.58614	396758.26	3766771.08	4.94844
396798.26	3766771.08	5.29951	396838.26	3766771.08	5.68901
396878.26	3766771.08	6.07639	396918.26	3766771.08	6.45446
396958.26	3766771.08	6.79787	396998.26	3766771.08	7.07646
397038.26	3766771.08	7.28698	397078.26	3766771.08	7.41491
397118.26	3766771.08	7.43509	397158.26	3766771.08	7.34516
397198.26	3766771.08	7.19182	397238.26	3766771.08	6.97601
397278.26	3766771.08	6.70505	397318.26	3766771.08	6.38845
397358.26	3766771.08	6.03706	397398.26	3766771.08	5.67258
397438.26	3766771.08	5.30002	397478.26	3766771.08	4.93453
397518.26	3766771.08	4.58226	397558.26	3766771.08	4.24774
397598.26	3766771.08	3.93928	397638.26	3766771.08	3.65446
397678.26	3766771.08	3.39027	397718.26	3766771.08	3.14545
396558.26	3766811.08	3.43001	396598.26	3766811.08	3.74566
396638.26	3766811.08	4.16069	396678.26	3766811.08	4.59241
396718.26	3766811.08	5.00920	396758.26	3766811.08	5.43286
396798.26	3766811.08	5.91413	396838.26	3766811.08	6.42004
396878.26	3766811.08	6.93227	396918.26	3766811.08	7.44175
396958.26	3766811.08	7.91349	396998.26	3766811.08	8.30530
397038.26	3766811.08	8.59095	397078.26	3766811.08	8.76823

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         397118.26    3766811.08        8.82902                      397158.26
3766811.08        8.73988
         397198.26    3766811.08        8.50253                      397238.26
3766811.08        8.16356
         397278.26    3766811.08        7.76770                      397318.26
3766811.08        7.33620
         397358.26    3766811.08        6.87536                      397398.26
3766811.08        6.39904
         397438.26    3766811.08        5.92318                      397478.26
3766811.08        5.46452
         397518.26    3766811.08        5.02927                      397558.26
3766811.08        4.62605
         397598.26    3766811.08        4.25882                      397638.26
3766811.08        3.92162
         397678.26    3766811.08        3.61428                      397718.26
3766811.08        3.33368
         396558.26    3766851.08        3.63382                      396598.26
3766851.08        3.97748
         396638.26    3766851.08        4.40490                      396678.26
3766851.08        4.91453
         396718.26    3766851.08        5.45024                      396758.26
3766851.08        6.00094
         396798.26    3766851.08        6.61548                      396838.26
3766851.08        7.28365
         396878.26    3766851.08        7.99021                      396918.26
3766851.08        8.67373
         396958.26    3766851.08        9.33122                      396998.26
3766851.08        9.89583
         397038.26    3766851.08       10.30109                      397078.26
3766851.08       10.57286
         397118.26    3766851.08       10.66387                      397158.26
3766851.08       10.53809
         397198.26    3766851.08       10.21200                      397238.26
3766851.08        9.75511
         397278.26    3766851.08        9.18311                      397318.26
3766851.08        8.53107
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE  98
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
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                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397358.26    3766851.08        7.89611                      397398.26
3766851.08        7.26437
         397438.26    3766851.08        6.65160                      397478.26
3766851.08        6.06925
         397518.26    3766851.08        5.52842                      397558.26
3766851.08        5.04231
         397598.26    3766851.08        4.60078                      397638.26
3766851.08        4.20225
         397678.26    3766851.08        3.84384                      397718.26
3766851.08        3.52244
         396558.26    3766891.08        3.82888                      396598.26
3766891.08        4.21653
         396638.26    3766891.08        4.70045                      396678.26
3766891.08        5.29027
         396718.26    3766891.08        5.92937                      396758.26
3766891.08        6.65322
         396798.26    3766891.08        7.43979                      396838.26
3766891.08        8.31321
         396878.26    3766891.08        9.27865                      396918.26
3766891.08       10.22931
         396958.26    3766891.08       11.18098                      396998.26
3766891.08       12.01173
         397038.26    3766891.08       12.63349                      397078.26
3766891.08       13.07407
         397118.26    3766891.08       13.17688                      397158.26
3766891.08       12.92259
         397198.26    3766891.08       12.49250                      397238.26
3766891.08       11.81593
         397278.26    3766891.08       11.01265                      397318.26
3766891.08       10.13260
         397358.26    3766891.08        9.20186                      397398.26
3766891.08        8.30909
         397438.26    3766891.08        7.49870                      397478.26
3766891.08        6.75586
         397518.26    3766891.08        6.08802                      397558.26
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3766891.08        5.49117
         397598.26    3766891.08        4.96050                      397638.26
3766891.08        4.49059
         397678.26    3766891.08        4.07557                      397718.26
3766891.08        3.71002
         396558.26    3766931.08        4.02462                      396598.26
3766931.08        4.46443
         396638.26    3766931.08        5.02767                      396678.26
3766931.08        5.66612
         396718.26    3766931.08        6.44421                      396758.26
3766931.08        7.34179
         396798.26    3766931.08        8.39103                      396838.26
3766931.08        9.55023
         396878.26    3766931.08       10.85294                      396918.26
3766931.08       12.25844
         396958.26    3766931.08       13.67925                      396998.26
3766931.08       14.98479
         397038.26    3766931.08       16.02788                      397078.26
3766931.08       16.64031
         397118.26    3766931.08       16.77106                      397158.26
3766931.08       16.38119
         397198.26    3766931.08       15.63678                      397238.26
3766931.08       14.61411
         397278.26    3766931.08       13.39751                      397318.26
3766931.08       12.13496
         397358.26    3766931.08       10.89739                      397398.26
3766931.08        9.65309
         397438.26    3766931.08        8.51656                      397478.26
3766931.08        7.54132
         397518.26    3766931.08        6.70471                      397558.26
3766931.08        5.96818
         397598.26    3766931.08        5.33114                      397638.26
3766931.08        4.78035
         397678.26    3766931.08        4.30645                      397718.26
3766931.08        3.90065
         396558.26    3766971.08        4.20549                      396598.26
3766971.08        4.70348
         396638.26    3766971.08        5.32070                      396678.26
3766971.08        6.06026
         396718.26    3766971.08        6.97156                      396758.26
3766971.08        8.07401
         396798.26    3766971.08        9.40637                      396838.26
3766971.08       11.01986
         396878.26    3766971.08       12.85184                      396918.26
3766971.08       14.96154
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       15:36:14
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396958.26	3766971.08	17.21995	396998.26	3766971.08	19.45560
397038.26	3766971.08	21.19563	397078.26	3766971.08	22.07255
397118.26	3766971.08	22.12049	397158.26	3766971.08	21.37929
397198.26	3766971.08	20.09871	397238.26	3766971.08	18.48262
397278.26	3766971.08	16.64466	397318.26	3766971.08	14.78199
397358.26	3766971.08	12.64835	397398.26	3766971.08	11.01570
397438.26	3766971.08	9.74131	397478.26	3766971.08	8.44272
397518.26	3766971.08	7.36673	397558.26	3766971.08	6.46409
397598.26	3766971.08	5.70941	397638.26	3766971.08	5.07364
397678.26	3766971.08	4.53504	397718.26	3766971.08	4.08449
396558.26	3767011.08	4.36815	396598.26	3767011.08	4.90330
396638.26	3767011.08	5.58833	396678.26	3767011.08	6.43698
396718.26	3767011.08	7.48652	396758.26	3767011.08	8.82466

396798.26 3767011.08 10.51730 396838.26
3767011.08 12.68552
396878.26 3767011.08 15.38364 396918.26
3767011.08 18.70604
396958.26 3767011.08 22.51021 396998.26
3767011.08 26.64250
397038.26 3767011.08 29.80182 397078.26
3767011.08 31.12647
397118.26 3767011.08 30.72563 397158.26
3767011.08 29.12314
397198.26 3767011.08 26.83478 397238.26
3767011.08 24.13844
397278.26 3767011.08 21.26734 397318.26
3767011.08 18.34945
397358.26 3767011.08 15.03298 397398.26
3767011.08 12.42747
397438.26 3767011.08 10.98010 397478.26
3767011.08 9.42382
397518.26 3767011.08 8.06481 397558.26
3767011.08 6.97442
397598.26 3767011.08 6.08616 397638.26
3767011.08 5.35763
397678.26 3767011.08 4.75172 397718.26
3767011.08 4.25220
396558.26 3767051.08 4.50411 396598.26
3767051.08 5.08837
396638.26 3767051.08 5.80548 396678.26
3767051.08 6.75026
396718.26 3767051.08 7.95127 396758.26
3767051.08 9.51564
396798.26 3767051.08 11.62112 396838.26
3767051.08 14.48848
396878.26 3767051.08 18.49232 396918.26
3767051.08 24.05234
396958.26 3767051.08 31.36914 396998.26
3767051.08 40.16211
397038.26 3767051.08 47.02090 397078.26
3767051.08 48.37036
397118.26 3767051.08 46.16851 397158.26
3767051.08 42.31416
397198.26 3767051.08 37.81583 397238.26
3767051.08 33.03356
397278.26 3767051.08 28.27136 397318.26
3767051.08 23.43768
397358.26 3767051.08 18.62730 397398.26
3767051.08 14.65353
397438.26 3767051.08 12.43350 397478.26
3767051.08 10.35949
397518.26 3767051.08 8.77971 397558.26
3767051.08 7.47774

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3767091.08	4.61913	396598.26	3767091.08	5.25212
396638.26	3767091.08	5.99845	396678.26	3767091.08	6.97118
396718.26	3767091.08	8.29095	396758.26	3767091.08	10.07197
396798.26	3767091.08	12.55131	396838.26	3767091.08	16.20267
396878.26	3767091.08	21.84933	396918.26	3767091.08	31.13990
396958.26	3767091.08	46.81945	396998.26	3767091.08	77.15480
397078.26	3767091.08	91.97592	397118.26	3767091.08	80.27485
397158.26	3767091.08	68.83960	397198.26	3767091.08	58.39931
397238.26	3767091.08	48.93996	397278.26	3767091.08	6.44329
397598.26	3767051.08	6.44329	397638.26	3767051.08	5.61564
397678.26	3767051.08	4.94586	397718.26	3767051.08	4.38370

3767091.08 40.27461
397318.26 3767091.08 31.55526 397358.26
3767091.08 23.39284
397398.26 3767091.08 17.99126 397438.26
3767091.08 14.68488
397478.26 3767091.08 12.21977 397518.26
3767091.08 10.18241
397558.26 3767091.08 8.73673 397598.26
3767091.08 7.09471
397638.26 3767091.08 5.83711 397678.26
3767091.08 5.10816
397718.26 3767091.08 4.50510 396558.26
3767131.08 4.70195
396598.26 3767131.08 5.35570 396638.26
3767131.08 6.15877
396678.26 3767131.08 7.13730 396718.26
3767131.08 8.49572
396758.26 3767131.08 10.41220 396798.26
3767131.08 13.16317
396838.26 3767131.08 17.40057 396878.26
3767131.08 24.78729
396918.26 3767131.08 39.74637 396958.26
3767131.08 81.11745
397238.26 3767131.08 87.65222 397278.26
3767131.08 68.05866
397318.26 3767131.08 47.56969 397358.26
3767131.08 29.79478
397398.26 3767131.08 21.74421 397438.26
3767131.08 16.70513
397478.26 3767131.08 13.69439 397518.26
3767131.08 11.22936
397558.26 3767131.08 9.39741 397598.26
3767131.08 7.76194
397638.26 3767131.08 5.96000 397678.26
3767131.08 5.21808
397718.26 3767131.08 4.59205 396558.26
3767171.08 4.74662
396598.26 3767171.08 5.40517 396638.26
3767171.08 6.23230
396678.26 3767171.08 7.24527 396718.26
3767171.08 8.56630
396758.26 3767171.08 10.48357 396798.26
3767171.08 13.35206
396838.26 3767171.08 17.83525 396878.26
3767171.08 25.94098
396918.26 3767171.08 45.39776 397438.26
3767171.08 17.77793
397478.26 3767171.08 13.95077 397518.26
3767171.08 11.00923
397558.26 3767171.08 8.91825 397598.26

3767171.08   7.32216
         397638.26   3767171.08   6.06736   397678.26
3767171.08   5.27490
         397718.26   3767171.08   4.61219   396558.26
3767211.08   4.73670
         396598.26   3767211.08   5.39076   396638.26
3767211.08   6.20616
         396678.26   3767211.08   7.24789   396718.26
3767211.08   8.51670
         396758.26   3767211.08   10.30522   396798.26
3767211.08   12.98206
         396838.26   3767211.08   17.18528   396878.26
3767211.08   24.20021

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

             *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   , L0000001   , L0000002
 , L0000003   , L0000004   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
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         397678.26    3767211.08        5.40999                    397718.26
3767211.08        4.72375
         396558.26    3767251.08        4.68868                    396598.26
3767251.08        5.32327
         396638.26    3767251.08        6.11402                    396678.26
3767251.08        7.11417
         396718.26    3767251.08        8.35747                    396758.26
3767251.08        9.93036
         396798.26    3767251.08       12.26079                    396838.26
3767251.08       15.75001
         396878.26    3767251.08       21.27004                    396918.26
3767251.08       29.39441
         396958.26    3767251.08       41.13883                    396998.26
3767251.08       54.89533
         397038.26    3767251.08       66.31419                    397078.26
3767251.08       86.81515
         397118.26    3767251.08      136.61878                    397318.26
3767251.08       50.59600
         397358.26    3767251.08       34.51000                    397398.26
3767251.08       23.09173
         397438.26    3767251.08       17.57057                    397478.26
3767251.08       14.58475
         397518.26    3767251.08       11.86284                    397558.26
3767251.08        9.71378
         397598.26    3767251.08        7.89664                    397638.26
3767251.08        6.25673
         397678.26    3767251.08        5.41462                    397718.26
3767251.08        4.72735
         396558.26    3767291.08        5.03595                    396598.26
3767291.08        5.55556
         396638.26    3767291.08        6.24109                    396678.26
3767291.08        6.88478
         396718.26    3767291.08        8.02315                    396758.26
3767291.08        9.40514
         396798.26    3767291.08       11.36954                    396838.26
3767291.08       14.17035
         396878.26    3767291.08       18.29578                    396918.26
3767291.08       23.84500
         396958.26    3767291.08       29.82804                    396998.26
3767291.08       33.39669
         397038.26    3767291.08       34.37497                    397078.26
3767291.08       41.43577
         397118.26    3767291.08       59.13484                    397158.26
3767291.08      106.18833
         397278.26    3767291.08       58.46342                    397318.26
3767291.08       42.49314
         397358.26    3767291.08       30.17489                    397398.26
3767291.08       21.14352
         397438.26    3767291.08       16.86786                    397478.26
3767291.08       14.52729
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         397518.26    3767291.08       12.32801                      397558.26
3767291.08       10.22094
         397598.26    3767291.08        8.86611                      397638.26
3767291.08        7.67558
         397678.26    3767291.08        5.86440                      397718.26
3767291.08        4.88042
         396558.26    3767331.08        5.62535                      396598.26
3767331.08        6.15982
         396638.26    3767331.08        6.67012                      396678.26
3767331.08        7.07115
         396718.26    3767331.08        7.57651                      396758.26
3767331.08        8.79075
         396798.26    3767331.08       10.39340                      396838.26
3767331.08       12.65498
         396878.26    3767331.08       15.78718                      396918.26
3767331.08       19.54013
         396958.26    3767331.08       23.29926                      396998.26
3767331.08       27.04715
         397038.26    3767331.08       27.65909                      397078.26
3767331.08       31.19458
         397118.26    3767331.08       37.80968                      397158.26
3767331.08       48.64358
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE 102
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

             *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3767411.08        7.46739
         396798.26    3767411.08        8.60501                         396838.26
3767411.08       10.04360
         396878.26    3767411.08       11.61027                         396918.26
3767411.08       14.01945
         396958.26    3767411.08       17.08610                         396998.26
3767411.08       18.49090
         397038.26    3767411.08       18.25187                         397078.26
3767411.08       18.87003
         397118.26    3767411.08       21.29054                         397158.26
3767411.08       24.60201
         397198.26    3767411.08       27.76889                         397238.26
3767411.08       28.57474
         397278.26    3767411.08       26.87148                         397318.26
3767411.08       24.27355
         397358.26    3767411.08       22.37963                         397398.26
3767411.08       18.74770
         397438.26    3767411.08       16.39749                         397478.26
3767411.08       14.37511
         397518.26    3767411.08       12.59657                         397558.26
3767411.08       11.09647
         397598.26    3767411.08        9.90375                         397638.26
3767411.08        8.79464
         397678.26    3767411.08        7.73711                         397718.26
3767411.08        7.15208
         396558.26    3767451.08        5.14485                         396598.26
3767451.08        5.45377
         396638.26    3767451.08        5.39298                         396678.26
3767451.08        5.56111
         396718.26    3767451.08        6.12991                         396758.26
3767451.08        6.83858
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE 103
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	7.79416	396838.26	3767451.08	8.92725
396878.26	3767451.08	10.09721	396918.26	3767451.08	12.21998
396958.26	3767451.08	14.97726	396998.26	3767451.08	16.46967
397038.26	3767451.08	16.55029	397078.26	3767451.08	16.75455
397118.26	3767451.08	18.32419	397158.26	3767451.08	20.47065
397198.26	3767451.08	22.83437	397238.26	3767451.08	23.65861
397278.26	3767451.08	22.77081	397318.26	3767451.08	20.93309
397358.26	3767451.08	19.33993	397398.26	3767451.08	17.12301
397438.26	3767451.08	15.52935	397478.26	3767451.08	13.88006
397518.26	3767451.08	12.45774	397558.26	3767451.08	11.22555
397598.26	3767451.08	10.08825	397638.26	3767451.08	8.97450
397678.26	3767451.08	8.10496	397718.26	3767451.08	7.37891
396558.26	3767491.08	4.98773	396598.26	3767491.08	5.21065
396638.26	3767491.08	5.60509	396678.26	3767491.08	6.02811
396718.26	3767491.08	6.17476	396758.26	3767491.08	6.25987
396798.26	3767491.08	7.04387	396838.26	3767491.08	7.92416
396878.26	3767491.08	8.85891	396918.26	3767491.08	10.64629
396958.26	3767491.08	13.03079	396998.26	3767491.08	14.62523
397038.26	3767491.08	14.97743	397078.26	3767491.08	15.18779
397118.26	3767491.08	16.14658	397158.26	3767491.08	17.48156

```
         397198.26    3767491.08       19.35749                       397238.26
3767491.08       20.19665
         397278.26    3767491.08       19.64161                       397318.26
3767491.08       18.39555
         397358.26    3767491.08       17.24748                       397398.26
3767491.08       15.62972
         397438.26    3767491.08       14.50236                       397478.26
3767491.08       13.19668
         397518.26    3767491.08       11.95332                       397558.26
3767491.08       10.95370
         397598.26    3767491.08       10.17584                       397638.26
3767491.08        9.17780
         397678.26    3767491.08        8.20764                       397718.26
3767491.08        7.51469
         396558.26    3767531.08        4.81437                       396598.26
3767531.08        5.19197
         396638.26    3767531.08        5.63802                       396678.26
3767531.08        6.10141
         396718.26    3767531.08        6.09970                       396758.26
3767531.08        5.73364
         396798.26    3767531.08        6.36388                       396838.26
3767531.08        7.06510
         396878.26    3767531.08        7.79543                       396918.26
3767531.08        9.01165
         396958.26    3767531.08       11.14932                       396998.26
3767531.08       12.67036
         397038.26    3767531.08       13.69316                       397078.26
3767531.08       14.12107
         397118.26    3767531.08       14.51811                       397158.26
3767531.08       15.28095
         397198.26    3767531.08       16.72139                       397238.26
3767531.08       17.45726
         397278.26    3767531.08       17.22657                       397318.26
3767531.08       16.28472
         397358.26    3767531.08       15.27097                       397398.26
3767531.08       14.24645
         397438.26    3767531.08       12.83602                       397478.26
3767531.08       12.15616
         397518.26    3767531.08       11.33901                       397558.26
3767531.08       10.49063
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE 104
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

             *** THE   1ST-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
```

INCLUDING SOURCE(S): EG01 , EG02
, EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10
, EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18
, EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 , L0000001 , L0000002
, L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397598.26	3767531.08	9.82859	397638.26	3767531.08	9.10761
397678.26	3767531.08	8.28779	397718.26	3767531.08	7.59263
397320.82	3767219.11	65.81679	397330.82	3767209.11	59.35095
397340.82	3767189.11	55.21994	397340.82	3767199.11	52.50090
397340.82	3767209.11	49.34118	397350.82	3767189.11	45.01385
397350.82	3767199.11	43.74042	397360.82	3767189.11	37.85367
397360.82	3767199.11	37.18314	397370.82	3767189.11	32.65157
397380.82	3767189.11	28.59996	396934.73	3767169.52	65.06940
397014.53	3767229.60	104.56753	397044.10	3767223.97	137.37373
397113.57	3767239.93	148.73741	397158.63	3767280.29	121.22688
397168.95	3767307.05	80.39663	397244.05	3767296.72	81.39498
397260.95	3767278.88	86.24191	397409.74	3767205.66	22.04783
397422.89	3767189.23	19.85898	397426.64	3767180.78	19.29801
397420.54	3767170.46	20.03991	397318.68	3767160.13	76.32377
397022.98	3767083.62	81.11910	396920.42	3767167.32	47.41445
396989.95	3767243.54	58.53081	397044.10		

3767223.97   137.37373
         397113.57   3767239.93   148.73741   397158.63
3767280.29   121.22688
         397168.95   3767307.05   80.39663   397244.05
3767296.72   81.39498
         397260.95   3767278.88   86.24191   397409.74
3767205.66   22.04783
         397422.89   3767189.23   19.85898   397426.64
3767180.78   19.29801
         397420.54   3767170.46   20.03991   397318.68
3767160.13   76.32377
         397022.98   3767083.62   81.11910

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396558.26   3766771.08   0.08778   396598.26
3766771.08   0.10630
         396638.26   3766771.08   0.12933   396678.26
3766771.08   0.15563
         396718.26   3766771.08   0.18896   396758.26
3766771.08   0.21371
         396798.26   3766771.08   0.22861   396838.26
3766771.08   0.24103
         396878.26   3766771.08   0.24995   396918.26

3766771.08 0.24819
396958.26 3766771.08 0.23471 396998.26
3766771.08 0.21279
397038.26 3766771.08 0.18004 397078.26
3766771.08 0.15001
397118.26 3766771.08 0.11704 397158.26
3766771.08 0.08762
397198.26 3766771.08 0.06862 397238.26
3766771.08 0.06101
397278.26 3766771.08 0.05545 397318.26
3766771.08 0.05453
397358.26 3766771.08 0.05900 397398.26
3766771.08 0.05957
397438.26 3766771.08 0.05454 397478.26
3766771.08 0.05247
397518.26 3766771.08 0.05327 397558.26
3766771.08 0.05166
397598.26 3766771.08 0.05118 397638.26
3766771.08 0.04688
397678.26 3766771.08 0.04503 397718.26
3766771.08 0.04197
396558.26 3766811.08 0.09107 396598.26
3766811.08 0.10505
396638.26 3766811.08 0.13350 396678.26
3766811.08 0.16103
396718.26 3766811.08 0.18956 396758.26
3766811.08 0.21844
396798.26 3766811.08 0.24730 396838.26
3766811.08 0.27192
396878.26 3766811.08 0.28601 396918.26
3766811.08 0.29186
396958.26 3766811.08 0.28113 396998.26
3766811.08 0.25689
397038.26 3766811.08 0.21836 397078.26
3766811.08 0.18146
397118.26 3766811.08 0.14298 397158.26
3766811.08 0.10880
397198.26 3766811.08 0.08370 397238.26
3766811.08 0.07166
397278.26 3766811.08 0.06496 397318.26
3766811.08 0.06664
397358.26 3766811.08 0.07028 397398.26
3766811.08 0.06655
397438.26 3766811.08 0.06214 397478.26
3766811.08 0.06265
397518.26 3766811.08 0.06242 397558.26
3766811.08 0.06093
397598.26 3766811.08 0.05690 397638.26
3766811.08 0.05482
397678.26 3766811.08 0.05267 397718.26

3766811.08   0.04810
         396558.26   3766851.08   0.08967   396598.26
3766851.08   0.10492
         396638.26   3766851.08   0.12626   396678.26
3766851.08   0.15955
         396718.26   3766851.08   0.18602   396758.26
3766851.08   0.22168
         396798.26   3766851.08   0.26284   396838.26
3766851.08   0.29609
         396878.26   3766851.08   0.32449   396918.26
3766851.08   0.33556
         396958.26   3766851.08   0.33678   396998.26
3766851.08   0.31382
         397038.26   3766851.08   0.27154   397078.26
3766851.08   0.22224
         397118.26   3766851.08   0.17738   397158.26
3766851.08   0.13529
         397198.26   3766851.08   0.10261   397238.26
3766851.08   0.08842
         397278.26   3766851.08   0.08010   397318.26
3766851.08   0.08129

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397358.26   3766851.08   0.08001   397398.26

3766851.08 0.07400
397438.26 3766851.08 0.07488 397478.26
3766851.08 0.07397
397518.26 3766851.08 0.07347 397558.26
3766851.08 0.07109
397598.26 3766851.08 0.06671 397638.26
3766851.08 0.06382
397678.26 3766851.08 0.05781 397718.26
3766851.08 0.05191
396558.26 3766891.08 0.08978 396598.26
3766891.08 0.10520
396638.26 3766891.08 0.12503 396678.26
3766891.08 0.15373
396718.26 3766891.08 0.18851 396758.26
3766891.08 0.22350
396798.26 3766891.08 0.26849 396838.26
3766891.08 0.31938
396878.26 3766891.08 0.35825 396918.26
3766891.08 0.38376
396958.26 3766891.08 0.39524 396998.26
3766891.08 0.37391
397038.26 3766891.08 0.33608 397078.26
3766891.08 0.28362
397118.26 3766891.08 0.22205 397158.26
3766891.08 0.16409
397198.26 3766891.08 0.12371 397238.26
3766891.08 0.10724
397278.26 3766891.08 0.10078 397318.26
3766891.08 0.10001
397358.26 3766891.08 0.09153 397398.26
3766891.08 0.08943
397438.26 3766891.08 0.09214 397478.26
3766891.08 0.09035
397518.26 3766891.08 0.08619 397558.26
3766891.08 0.08248
397598.26 3766891.08 0.07558 397638.26
3766891.08 0.06974
397678.26 3766891.08 0.06213 397718.26
3766891.08 0.05523
396558.26 3766931.08 0.09232 396598.26
3766931.08 0.10744
396638.26 3766931.08 0.12583 396678.26
3766931.08 0.15042
396718.26 3766931.08 0.18619 396758.26
3766931.08 0.22286
396798.26 3766931.08 0.26964 396838.26
3766931.08 0.32690
396878.26 3766931.08 0.38444 396918.26
3766931.08 0.42543
396958.26 3766931.08 0.45558 396998.26

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3766931.08        0.45943
         397038.26    3766931.08        0.42735                      397078.26
3766931.08        0.36290
         397118.26    3766931.08        0.29177                      397158.26
3766931.08        0.21643
         397198.26    3766931.08        0.15801                      397238.26
3766931.08        0.13922
         397278.26    3766931.08        0.12139                      397318.26
3766931.08        0.11764
         397358.26    3766931.08        0.11633                      397398.26
3766931.08        0.11465
         397438.26    3766931.08        0.11009                      397478.26
3766931.08        0.10438
         397518.26    3766931.08        0.09852                      397558.26
3766931.08        0.09016
         397598.26    3766931.08        0.08117                      397638.26
3766931.08        0.07425
         397678.26    3766931.08        0.06450                      397718.26
3766931.08        0.06044
         396558.26    3766971.08        0.08683                      396598.26
3766971.08        0.10495
         396638.26    3766971.08        0.12478                      396678.26
3766971.08        0.15057
         396718.26    3766971.08        0.18175                      396758.26
3766971.08        0.21794
         396798.26    3766971.08        0.26517                      396838.26
3766971.08        0.32668
         396878.26    3766971.08        0.39843                      396918.26
3766971.08        0.47071
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE 107
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396958.26	3766971.08	0.52110	396998.26	3766971.08	0.56295
397038.26	3766971.08	0.54885	397078.26	3766971.08	0.49177
397118.26	3766971.08	0.45709	397158.26	3766971.08	0.40215
397198.26	3766971.08	0.25429	397238.26	3766971.08	0.19376
397278.26	3766971.08	0.15851	397318.26	3766971.08	0.14593
397358.26	3766971.08	0.14056	397398.26	3766971.08	0.13839
397438.26	3766971.08	0.13103	397478.26	3766971.08	0.11901
397518.26	3766971.08	0.10852	397558.26	3766971.08	0.09985
397598.26	3766971.08	0.08993	397638.26	3766971.08	0.08156
397678.26	3766971.08	0.07257	397718.26	3766971.08	0.06589
396558.26	3767011.08	0.08094	396598.26	3767011.08	0.09698
396638.26	3767011.08	0.11587	396678.26	3767011.08	0.14418
396718.26	3767011.08	0.17521	396758.26	3767011.08	0.21478
396798.26	3767011.08	0.25740	396838.26	3767011.08	0.31507
396878.26	3767011.08	0.40027	396918.26	3767011.08	0.49199
396958.26	3767011.08	0.58068	396998.26	3767011.08	0.65842
397038.26	3767011.08	0.71823	397078.26	3767011.08	0.88768
397118.26	3767011.08	0.85384	397158.26	3767011.08	0.61460
397198.26	3767011.08	0.42851	397238.26	3767011.08	0.29922
397278.26	3767011.08	0.22997	397318.26	3767011.08	0.18396
397358.26	3767011.08	0.16986	397398.26	3767011.08	0.15560
397438.26	3767011.08	0.14705	397478.26		

3767011.08   0.13844
         397518.26   3767011.08   0.12234   397558.26
3767011.08   0.11120
         397598.26   3767011.08   0.09935   397638.26
3767011.08   0.08854
         397678.26   3767011.08   0.07874   397718.26
3767011.08   0.06906
         396558.26   3767051.08   0.07359   396598.26
3767051.08   0.08790
         396638.26   3767051.08   0.10563   396678.26
3767051.08   0.12987
         396718.26   3767051.08   0.16091   396758.26
3767051.08   0.19748
         396798.26   3767051.08   0.24686   396838.26
3767051.08   0.30608
         396878.26   3767051.08   0.37857   396918.26
3767051.08   0.50314
         396958.26   3767051.08   0.63945   396998.26
3767051.08   0.89740
         397038.26   3767051.08   1.23413   397078.26
3767051.08   1.08854
         397118.26   3767051.08   1.00657   397158.26
3767051.08   0.74763
         397198.26   3767051.08   0.55918   397238.26
3767051.08   0.43943
         397278.26   3767051.08   0.34839   397318.26
3767051.08   0.26052
         397358.26   3767051.08   0.19999   397398.26
3767051.08   0.18595
         397438.26   3767051.08   0.16692   397478.26
3767051.08   0.15259
         397518.26   3767051.08   0.13738   397558.26
3767051.08   0.12298
         397598.26   3767051.08   0.10863   397638.26
3767051.08   0.09344
         397678.26   3767051.08   0.07986   397718.26
3767051.08   0.06971

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                EG06   , EG07   , EG08   , EG09   , EG10

```
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3767091.08        0.07008                      396598.26
3767091.08        0.08197
         396638.26    3767091.08        0.09402                      396678.26
3767091.08        0.11229
         396718.26    3767091.08        0.13665                      396758.26
3767091.08        0.17029
         396798.26    3767091.08        0.21995                      396838.26
3767091.08        0.27629
         396878.26    3767091.08        0.35767                      396918.26
3767091.08        0.46513
         396958.26    3767091.08        0.69891                      396998.26
3767091.08        1.38486
         397078.26    3767091.08        1.18330                      397118.26
3767091.08        1.10592
         397158.26    3767091.08        0.90715                      397198.26
3767091.08        0.69371
         397238.26    3767091.08        0.55061                      397278.26
3767091.08        0.48134
         397318.26    3767091.08        0.40017                      397358.26
3767091.08        0.26131
         397398.26    3767091.08        0.22245                      397438.26
3767091.08        0.19269
         397478.26    3767091.08        0.16931                      397518.26
3767091.08        0.14953
         397558.26    3767091.08        0.12991                      397598.26
3767091.08        0.10918
         397638.26    3767091.08        0.09833                      397678.26
3767091.08        0.08797
         397718.26    3767091.08        0.07719                      396558.26
3767131.08        0.06596
         396598.26    3767131.08        0.07667                      396638.26
3767131.08        0.08829
         396678.26    3767131.08        0.10195                      396718.26
3767131.08        0.12134
         396758.26    3767131.08        0.14727                      396798.26
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3767131.08        0.18087
         396838.26    3767131.08        0.22715                     396878.26
3767131.08        0.29997
         396918.26    3767131.08        0.40483                     396958.26
3767131.08        0.65756
         397238.26    3767131.08        0.70802                     397278.26
3767131.08        0.56327
         397318.26    3767131.08        0.56767                     397358.26
3767131.08        0.36029
         397398.26    3767131.08        0.26233                     397438.26
3767131.08        0.21703
         397478.26    3767131.08        0.18157                     397518.26
3767131.08        0.15549
         397558.26    3767131.08        0.13595                     397598.26
3767131.08        0.11815
         397638.26    3767131.08        0.10476                     397678.26
3767131.08        0.09128
         397718.26    3767131.08        0.08022                     396558.26
3767171.08        0.06515
         396598.26    3767171.08        0.07445                     396638.26
3767171.08        0.08545
         396678.26    3767171.08        0.09604                     396718.26
3767171.08        0.11133
         396758.26    3767171.08        0.13076                     396798.26
3767171.08        0.15850
         396838.26    3767171.08        0.19716                     396878.26
3767171.08        0.24986
         396918.26    3767171.08        0.32898                     397438.26
3767171.08        0.24093
         397478.26    3767171.08        0.20267                     397518.26
3767171.08        0.17195
         397558.26    3767171.08        0.14735                     397598.26
3767171.08        0.12856
         397638.26    3767171.08        0.11178                     397678.26
3767171.08        0.09764
         397718.26    3767171.08        0.08538                     396558.26
3767211.08        0.06472
         396598.26    3767211.08        0.07375                     396638.26
3767211.08        0.08415
         396678.26    3767211.08        0.09717                     396718.26
3767211.08        0.10872
         396758.26    3767211.08        0.12484                     396798.26
3767211.08        0.14928
         396838.26    3767211.08        0.18435                     396878.26
3767211.08        0.22872
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       15:36:14
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	0.28558	396958.26	3767211.08	0.34873
397438.26	3767211.08	0.28519	397478.26	3767211.08	0.23662
397518.26	3767211.08	0.20162	397558.26	3767211.08	0.17196
397598.26	3767211.08	0.14756	397638.26	3767211.08	0.12750
397678.26	3767211.08	0.10874	397718.26	3767211.08	0.09310
396558.26	3767251.08	0.06428	396598.26	3767251.08	0.07274
396638.26	3767251.08	0.08259	396678.26	3767251.08	0.09444
396718.26	3767251.08	0.10336	396758.26	3767251.08	0.11600
396798.26	3767251.08	0.13660	396838.26	3767251.08	0.16369
396878.26	3767251.08	0.20574	396918.26	3767251.08	0.24255
396958.26	3767251.08	0.28386	396998.26	3767251.08	0.37859
397038.26	3767251.08	0.38956	397078.26	3767251.08	0.53147
397118.26	3767251.08	1.15714	397318.26	3767251.08	0.83422
397358.26	3767251.08	0.58179	397398.26		

3767251.08 0.44692
397438.26 3767251.08 0.35545 397478.26 3767251.08 0.28666
397518.26 3767251.08 0.23872 397558.26 3767251.08 0.19796
397598.26 3767251.08 0.16878 397638.26 3767251.08 0.14324
397678.26 3767251.08 0.12250 397718.26 3767251.08 0.10512
396558.26 3767291.08 0.06134 396598.26 3767291.08 0.06928
396638.26 3767291.08 0.07960 396678.26 3767291.08 0.09207
396718.26 3767291.08 0.10704 396758.26 3767291.08 0.11594
396798.26 3767291.08 0.13111 396838.26 3767291.08 0.15511
396878.26 3767291.08 0.19732 396918.26 3767291.08 0.22879
396958.26 3767291.08 0.26272 396998.26 3767291.08 0.32082
397038.26 3767291.08 0.52922 397078.26 3767291.08 0.79619
397118.26 3767291.08 0.79538 397158.26 3767291.08 1.22824
397278.26 3767291.08 1.14245 397318.26 3767291.08 1.02910
397358.26 3767291.08 0.67491 397398.26 3767291.08 0.52512
397438.26 3767291.08 0.40924 397478.26 3767291.08 0.32645
397518.26 3767291.08 0.26482 397558.26 3767291.08 0.22097
397598.26 3767291.08 0.18591 397638.26 3767291.08 0.15695
397678.26 3767291.08 0.13070 397718.26 3767291.08 0.11130
396558.26 3767331.08 0.05972 396598.26 3767331.08 0.06790
396638.26 3767331.08 0.07769 396678.26 3767331.08 0.08857
396718.26 3767331.08 0.10340 396758.26 3767331.08 0.11566
396798.26 3767331.08 0.13106 396838.26 3767331.08 0.15249
396878.26 3767331.08 0.18043 396918.26 3767331.08 0.19243
396958.26 3767331.08 0.22687 396998.26 3767331.08 0.28598
397038.26 3767331.08 0.42084 397078.26

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397198.26   3767331.08   1.22142   397238.26
3767331.08   1.25278
         397278.26   3767331.08   1.13885   397318.26
3767331.08   0.86904
         397358.26   3767331.08   0.72261   397398.26
3767331.08   0.58328
         397438.26   3767331.08   0.45832   397478.26
3767331.08   0.36585
         397518.26   3767331.08   0.30230   397558.26
3767331.08   0.25113
         397598.26   3767331.08   0.20590   397638.26
3767331.08   0.17018
         397678.26   3767331.08   0.14324   397718.26
3767331.08   0.12110
         396558.26   3767371.08   0.05917   396598.26
3767371.08   0.06831
         396638.26   3767371.08   0.07807   396678.26
3767371.08   0.08833
         396718.26   3767371.08   0.10018   396758.26

3767371.08 0.11188
396798.26 3767371.08 0.12246 396838.26
3767371.08 0.13787
396878.26 3767371.08 0.16035 396918.26
3767371.08 0.18449
396958.26 3767371.08 0.20916 396998.26
3767371.08 0.26728
397038.26 3767371.08 0.36802 397078.26
3767371.08 0.52155
397118.26 3767371.08 0.71726 397158.26
3767371.08 0.88976
397198.26 3767371.08 0.93276 397238.26
3767371.08 0.89634
397278.26 3767371.08 0.83422 397318.26
3767371.08 0.75832
397358.26 3767371.08 0.66673 397398.26
3767371.08 0.57917
397438.26 3767371.08 0.47350 397478.26
3767371.08 0.39115
397518.26 3767371.08 0.31982 397558.26
3767371.08 0.26358
397598.26 3767371.08 0.22414 397638.26
3767371.08 0.19102
397678.26 3767371.08 0.15804 397718.26
3767371.08 0.13215
396558.26 3767411.08 0.05847 396598.26
3767411.08 0.06539
396638.26 3767411.08 0.07297 396678.26
3767411.08 0.08524
396718.26 3767411.08 0.09551 396758.26
3767411.08 0.10542
396798.26 3767411.08 0.11350 396838.26
3767411.08 0.12829
396878.26 3767411.08 0.14706 396918.26
3767411.08 0.16415
396958.26 3767411.08 0.20130 396998.26
3767411.08 0.24602
397038.26 3767411.08 0.33364 397078.26
3767411.08 0.43980
397118.26 3767411.08 0.56899 397158.26
3767411.08 0.67389
397198.26 3767411.08 0.74981 397238.26
3767411.08 0.76270
397278.26 3767411.08 0.71170 397318.26
3767411.08 0.64912
397358.26 3767411.08 0.57959 397398.26
3767411.08 0.52298
397438.26 3767411.08 0.46065 397478.26
3767411.08 0.39217
397518.26 3767411.08 0.32864 397558.26

3767411.08   0.27882
         397598.26   3767411.08   0.23281   397638.26
3767411.08   0.19578
         397678.26   3767411.08   0.16622   397718.26
3767411.08   0.14065
         396558.26   3767451.08   0.05686   396598.26
3767451.08   0.06419
         396638.26   3767451.08   0.07154   396678.26
3767451.08   0.07924
         396718.26   3767451.08   0.08761   396758.26
3767451.08   0.09588

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396798.26   3767451.08   0.10505   396838.26
3767451.08   0.11563
         396878.26   3767451.08   0.13656   396918.26
3767451.08   0.15719
         396958.26   3767451.08   0.18324   396998.26
3767451.08   0.22714
         397038.26   3767451.08   0.29684   397078.26
3767451.08   0.37943
         397118.26   3767451.08   0.47571   397158.26
3767451.08   0.55078
         397198.26   3767451.08   0.62690   397238.26

3767451.08 0.65363
397278.26 3767451.08 0.61504 397318.26
3767451.08 0.55702
397358.26 3767451.08 0.50500 397398.26
3767451.08 0.45902
397438.26 3767451.08 0.41646 397478.26
3767451.08 0.37604
397518.26 3767451.08 0.32525 397558.26
3767451.08 0.27794
397598.26 3767451.08 0.23861 397638.26
3767451.08 0.20256
397678.26 3767451.08 0.17151 397718.26
3767451.08 0.14626
396558.26 3767491.08 0.05316 396598.26
3767491.08 0.05818
396638.26 3767491.08 0.06434 396678.26
3767491.08 0.07086
396718.26 3767491.08 0.07645 396758.26
3767491.08 0.08577
396798.26 3767491.08 0.09603 396838.26
3767491.08 0.11145
396878.26 3767491.08 0.12776 396918.26
3767491.08 0.14607
396958.26 3767491.08 0.16992 396998.26
3767491.08 0.21426
397038.26 3767491.08 0.26173 397078.26
3767491.08 0.32736
397118.26 3767491.08 0.40229 397158.26
3767491.08 0.46556
397198.26 3767491.08 0.52424 397238.26
3767491.08 0.55844
397278.26 3767491.08 0.53832 397318.26
3767491.08 0.49633
397358.26 3767491.08 0.44301 397398.26
3767491.08 0.40620
397438.26 3767491.08 0.37451 397478.26
3767491.08 0.34003
397518.26 3767491.08 0.30971 397558.26
3767491.08 0.26695
397598.26 3767491.08 0.23405 397638.26
3767491.08 0.20219
397678.26 3767491.08 0.17185 397718.26
3767491.08 0.14839
396558.26 3767531.08 0.04825 396598.26
3767531.08 0.05394
396638.26 3767531.08 0.05946 396678.26
3767531.08 0.06467
396718.26 3767531.08 0.07288 396758.26
3767531.08 0.08314
396798.26 3767531.08 0.09041 396838.26

```
3767531.08        0.10672
         396878.26    3767531.08        0.11917                        396918.26
3767531.08        0.13714
         396958.26    3767531.08        0.16403                        396998.26
3767531.08        0.20110
         397038.26    3767531.08        0.23709                        397078.26
3767531.08        0.28890
         397118.26    3767531.08        0.34765                        397158.26
3767531.08        0.39448
         397198.26    3767531.08        0.44505                        397238.26
3767531.08        0.48070
         397278.26    3767531.08        0.48120                        397318.26
3767531.08        0.44176
         397358.26    3767531.08        0.39827                        397398.26
3767531.08        0.36035
         397438.26    3767531.08        0.32857                        397478.26
3767531.08        0.30768
         397518.26    3767531.08        0.27658                        397558.26
3767531.08        0.25484
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE 112
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397598.26    3767531.08        0.22162                        397638.26
3767531.08        0.19662
         397678.26    3767531.08        0.17153                        397718.26
```

3767531.08   0.14824
         397320.82   3767219.11   0.97226   397330.82
3767209.11   0.92638
         397340.82   3767189.11   0.79908   397340.82
3767199.11   0.85545
         397340.82   3767209.11   0.88106   397350.82
3767189.11   0.74177
         397350.82   3767199.11   0.76300   397360.82
3767189.11   0.57488
         397360.82   3767199.11   0.58176   397370.82
3767189.11   0.44828
         397380.82   3767189.11   0.36708   396934.73
3767169.52   0.36154
         397014.53   3767229.60   0.50633   397044.10
3767223.97   0.57000
         397113.57   3767239.93   1.25149   397158.63
3767280.29   1.44440
         397168.95   3767307.05   1.03003   397244.05
3767296.72   1.11495
         397260.95   3767278.88   1.06233   397409.74
3767205.66   0.32356
         397422.89   3767189.23   0.28356   397426.64
3767180.78   0.26763
         397420.54   3767170.46   0.26258   397318.68
3767160.13   0.63646
         397022.98   3767083.62   1.32922   396920.42
3767167.32   0.33637
         396989.95   3767243.54   0.36931   397044.10
3767223.97   0.57000
         397113.57   3767239.93   1.25149   397158.63
3767280.29   1.44440
         397168.95   3767307.05   1.03003   397244.05
3767296.72   1.11495
         397260.95   3767278.88   1.06233   397409.74
3767205.66   0.32356
         397422.89   3767189.23   0.28356   397426.64
3767180.78   0.26763
         397420.54   3767170.46   0.26258   397318.68
3767160.13   0.63646
         397022.98   3767083.62   1.32922

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED

OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-2.5 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3766771.08	2.67630	396598.26	3766771.08	2.91925
396638.26	3766771.08	3.21698	396678.26	3766771.08	3.51068
396718.26	3766771.08	3.83250	396758.26	3766771.08	4.15229
396798.26	3766771.08	4.46127	396838.26	3766771.08	4.79527
396878.26	3766771.08	5.12995	396918.26	3766771.08	5.44300
396958.26	3766771.08	5.73489	396998.26	3766771.08	5.98761
397038.26	3766771.08	6.17954	397078.26	3766771.08	6.27946
397118.26	3766771.08	6.29678	397158.26	3766771.08	6.22325
397198.26	3766771.08	6.09450	397238.26	3766771.08	5.91127
397278.26	3766771.08	5.67881	397318.26	3766771.08	5.40851
397358.26	3766771.08	5.10983	397398.26	3766771.08	4.79702
397438.26	3766771.08	4.47786	397478.26	3766771.08	4.16481
397518.26	3766771.08	3.86314	397558.26	3766771.08	3.57693
397598.26	3766771.08	3.30954	397638.26	3766771.08	3.06220
397678.26	3766771.08	2.83530	397718.26	3766771.08	2.62703

396558.26 3766811.08 2.83846 396598.26
3766811.08 3.09775
396638.26 3766811.08 3.44581 396678.26
3766811.08 3.80017
396718.26 3766811.08 4.16701 396758.26
3766811.08 4.55186
396798.26 3766811.08 4.97228 396838.26
3766811.08 5.41538
396878.26 3766811.08 5.85835 396918.26
3766811.08 6.28995
396958.26 3766811.08 6.68869 396998.26
3766811.08 7.03363
397038.26 3766811.08 7.30069 397078.26
3766811.08 7.44324
397118.26 3766811.08 7.49071 397158.26
3766811.08 7.41916
397198.26 3766811.08 7.21841 397238.26
3766811.08 6.93106
397278.26 3766811.08 6.59069 397318.26
3766811.08 6.22105
397358.26 3766811.08 5.82400 397398.26
3766811.08 5.41456
397438.26 3766811.08 5.00598 397478.26
3766811.08 4.61273
397518.26 3766811.08 4.23959 397558.26
3766811.08 3.89255
397598.26 3766811.08 3.57517 397638.26
3766811.08 3.28589
397678.26 3766811.08 3.02366 397718.26
3766811.08 2.78612
396558.26 3766851.08 3.01444 396598.26
3766851.08 3.29769
396638.26 3766851.08 3.64704 396678.26
3766851.08 4.07066
396718.26 3766851.08 4.51109 396758.26
3766851.08 5.00442
396798.26 3766851.08 5.55385 396838.26
3766851.08 6.13682
396878.26 3766851.08 6.75589 396918.26
3766851.08 7.34116
396958.26 3766851.08 7.89467 396998.26
3766851.08 8.39556
397038.26 3766851.08 8.76914 397078.26
3766851.08 8.99704
397118.26 3766851.08 9.06399 397158.26
3766851.08 8.96260
397198.26 3766851.08 8.68943 397238.26
3766851.08 8.29550
397278.26 3766851.08 7.80360 397318.26
3766851.08 7.24416

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397358.26	3766851.08	6.69627	397398.26	3766851.08	6.15114
397438.26	3766851.08	5.62282	397478.26	3766851.08	5.12474
397518.26	3766851.08	4.66356	397558.26	3766851.08	4.24267
397598.26	3766851.08	3.86294	397638.26	3766851.08	3.52282
397678.26	3766851.08	3.21926	397718.26	3766851.08	2.94811
396558.26	3766891.08	3.17742	396598.26	3766891.08	3.50168
396638.26	3766891.08	3.90075	396678.26	3766891.08	4.38901
396718.26	3766891.08	4.91513	396758.26	3766891.08	5.51499
396798.26	3766891.08	6.21867	396838.26	3766891.08	6.99460
396878.26	3766891.08	7.84365	396918.26	3766891.08	8.67071
396958.26	3766891.08	9.47981	396998.26		

3766891.08 10.20668
397038.26 3766891.08 10.76508 397078.26
3766891.08 11.15209
397118.26 3766891.08 11.22545 397158.26
3766891.08 11.01792
397198.26 3766891.08 10.65402 397238.26
3766891.08 10.06800
397278.26 3766891.08 9.37311 397318.26
3766891.08 8.61165
397358.26 3766891.08 7.81049 397398.26
3766891.08 7.04349
397438.26 3766891.08 6.34885 397478.26
3766891.08 5.71147
397518.26 3766891.08 5.13606 397558.26
3766891.08 4.62022
397598.26 3766891.08 4.16541 397638.26
3766891.08 3.76612
397678.26 3766891.08 3.41606 397718.26
3766891.08 3.10925
396558.26 3766931.08 3.34601 396598.26
3766931.08 3.70939
396638.26 3766931.08 4.17348 396678.26
3766931.08 4.71017
396718.26 3766931.08 5.35499 396758.26
3766931.08 6.10105
396798.26 3766931.08 6.96942 396838.26
3766931.08 7.99928
396878.26 3766931.08 9.16162 396918.26
3766931.08 10.39598
396958.26 3766931.08 11.60708 396998.26
3766931.08 12.73203
397038.26 3766931.08 13.67218 397078.26
3766931.08 14.23006
397118.26 3766931.08 14.32938 397158.26
3766931.08 14.00324
397198.26 3766931.08 13.36748 397238.26
3766931.08 12.48286
397278.26 3766931.08 11.42971 397318.26
3766931.08 10.33356
397358.26 3766931.08 9.26437 397398.26
3766931.08 8.19404
397438.26 3766931.08 7.21640 397478.26
3766931.08 6.37660
397518.26 3766931.08 5.65373 397558.26
3766931.08 5.02125
397598.26 3766931.08 4.47906 397638.26
3766931.08 4.01369
397678.26 3766931.08 3.61319 397718.26
3766931.08 3.27094
396558.26 3766971.08 3.50905 396598.26

3766971.08   3.91454
         396638.26   3766971.08   4.42124   396678.26
3766971.08   5.03146
         396718.26   3766971.08   5.80069   396758.26
3766971.08   6.71600
         396798.26   3766971.08   7.83290   396838.26
3766971.08   9.19279
         396878.26   3766971.08   10.81053   396918.26
3766971.08   12.70111

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

             *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396958.26   3766971.08   14.64831   396998.26
3766971.08   16.55450
         397038.26   3766971.08   18.12277   397078.26
3766971.08   18.93411
         397118.26   3766971.08   18.97851   397158.26
3766971.08   18.34781
         397198.26   3766971.08   17.24524   397238.26
3766971.08   15.83188
         397278.26   3766971.08   14.24771   397318.26
3766971.08   12.62587
         397358.26   3766971.08   10.73990   397398.26
3766971.08   9.43351

```
         397438.26    3766971.08        8.25363                    397478.26
3766971.08        7.13703
         397518.26    3766971.08        6.21338                    397558.26
3766971.08        5.44349
         397598.26    3766971.08        4.80318                    397638.26
3766971.08        4.26800
         397678.26    3766971.08        3.81682                    397718.26
3766971.08        3.43485
         396558.26    3767011.08        3.65896                    396598.26
3767011.08        4.09945
         396638.26    3767011.08        4.66045                    396678.26
3767011.08        5.35690
         396718.26    3767011.08        6.22196                    396758.26
3767011.08        7.34068
         396798.26    3767011.08        8.76672                    396838.26
3767011.08       10.60388
         396878.26    3767011.08       12.93589                    396918.26
3767011.08       15.84845
         396958.26    3767011.08       19.17368                    396998.26
3767011.08       22.74069
         397038.26    3767011.08       25.58169                    397078.26
3767011.08       26.84374
         397118.26    3767011.08       26.56499                    397158.26
3767011.08       25.17498
         397198.26    3767011.08       23.15436                    397238.26
3767011.08       20.76895
         397278.26    3767011.08       18.25330                    397318.26
3767011.08       15.72401
         397358.26    3767011.08       12.90117                    397398.26
3767011.08       10.75891
         397438.26    3767011.08        9.31648                    397478.26
3767011.08        7.97336
         397518.26    3767011.08        6.81675                    397558.26
3767011.08        5.89555
         397598.26    3767011.08        5.14031                    397638.26
3767011.08        4.52087
         397678.26    3767011.08        4.00626                    397718.26
3767011.08        3.58228
         396558.26    3767051.08        3.78433                    396598.26
3767051.08        4.27257
         396638.26    3767051.08        4.86923                    396678.26
3767051.08        5.64942
         396718.26    3767051.08        6.64012                    396758.26
3767051.08        7.94144
         396798.26    3767051.08        9.70489                    396838.26
3767051.08       12.13715
         396878.26    3767051.08       15.55869                    396918.26
3767051.08       20.44924
         396958.26    3767051.08       26.83441                    396998.26
3767051.08       34.65970
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         397038.26    3767051.08       40.90562                      397078.26
3767051.08       42.24490
         397118.26    3767051.08       40.32939                      397158.26
3767051.08       36.88675
         397198.26    3767051.08       32.87733                      397238.26
3767051.08       28.64655
         397278.26    3767051.08       24.40142                      397318.26
3767051.08       20.16714
         397358.26    3767051.08       16.08736                      397398.26
3767051.08       12.67486
         397438.26    3767051.08       10.55132                      397478.26
3767051.08        8.87731
         397518.26    3767051.08        7.44941                      397558.26
3767051.08        6.33324
         397598.26    3767051.08        5.45038                      397638.26
3767051.08        4.74667
         397678.26    3767051.08        4.17858                      397718.26
3767051.08        3.71576
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       15:36:14

                                  PAGE 116
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA     ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3767091.08        3.89340                      396598.26
3767091.08        4.42588
         396638.26    3767091.08        5.05378                      396678.26
```

3767091.08 5.87220
396718.26 3767091.08 6.99186 396758.26
3767091.08 8.48202
396798.26 3767091.08 10.56776 396838.26
3767091.08 13.65450
396878.26 3767091.08 18.48984 396918.26
3767091.08 26.62601
396958.26 3767091.08 40.66337 396998.26
3767091.08 68.38941
397078.26 3767091.08 82.27146 397118.26
3767091.08 71.40337
397158.26 3767091.08 60.92807 397198.26
3767091.08 51.41890
397238.26 3767091.08 42.87201 397278.26
3767091.08 35.07133
397318.26 3767091.08 27.32511 397358.26
3767091.08 20.34049
397398.26 3767091.08 15.17118 397438.26
3767091.08 11.87079
397478.26 3767091.08 9.42105 397518.26
3767091.08 7.82704
397558.26 3767091.08 6.55294 397598.26
3767091.08 5.69731
397638.26 3767091.08 4.96342 397678.26
3767091.08 4.33902
397718.26 3767091.08 3.82989 396558.26
3767131.08 3.96355
396598.26 3767131.08 4.51456 396638.26
3767131.08 5.19912
396678.26 3767131.08 6.03835 396718.26
3767131.08 7.19496
396758.26 3767131.08 8.82671 396798.26
3767131.08 11.17394
396838.26 3767131.08 14.81310 396878.26
3767131.08 21.20198
396918.26 3767131.08 34.34226 396958.26
3767131.08 72.06396
397238.26 3767131.08 78.22239 397278.26
3767131.08 60.41723
397318.26 3767131.08 41.96743 397358.26
3767131.08 26.38742
397398.26 3767131.08 17.77814 397438.26
3767131.08 13.17534
397478.26 3767131.08 10.04190 397518.26
3767131.08 8.19901
397558.26 3767131.08 6.84169 397598.26
3767131.08 5.86506
397638.26 3767131.08 5.11583 397678.26
3767131.08 4.44342
397718.26 3767131.08 3.90663 396558.26

3767171.08   4.01309
         396598.26   3767171.08   4.57121   396638.26
3767171.08   5.27246
         396678.26   3767171.08   6.13616   396718.26
3767171.08   7.26785
         396758.26   3767171.08   8.91823   396798.26
3767171.08   11.38942
         396838.26   3767171.08   15.32751   396878.26
3767171.08   22.47092
         396918.26   3767171.08   39.73705   397438.26
3767171.08   14.08735
         397478.26   3767171.08   10.80313   397518.26
3767171.08   8.77097
         397558.26   3767171.08   7.23959   397598.26
3767171.08   6.12052
         397638.26   3767171.08   5.22593   397678.26
3767171.08   4.52988
         397718.26   3767171.08   3.97675   396558.26
3767211.08   4.01354
         396598.26   3767211.08   4.57340   396638.26
3767211.08   5.27020
         396678.26   3767211.08   6.16349   396718.26
3767211.08   7.27911
         396758.26   3767211.08   8.84550   396798.26
3767211.08   11.18747
         396838.26   3767211.08   14.86763   396878.26
3767211.08   20.98917

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	32.99364	396958.26	3767211.08	57.94082
397438.26	3767211.08	13.98086	397478.26	3767211.08	11.00513
397518.26	3767211.08	8.93090	397558.26	3767211.08	7.32652
397598.26	3767211.08	6.21238	397638.26	3767211.08	5.31073
397678.26	3767211.08	4.60639	397718.26	3767211.08	4.01807
396558.26	3767251.08	3.98025	396598.26	3767251.08	4.53206
396638.26	3767251.08	5.21571	396678.26	3767251.08	6.08277
396718.26	3767251.08	7.16432	396758.26	3767251.08	8.55028
396798.26	3767251.08	10.59841	396838.26	3767251.08	13.61570
396878.26	3767251.08	18.39631	396918.26	3767251.08	24.78561
396958.26	3767251.08	34.18397	396998.26	3767251.08	46.67066
397038.26	3767251.08	57.92220	397078.26	3767251.08	77.68024
397118.26	3767251.08	124.51725	397318.26	3767251.08	46.66639
397358.26	3767251.08	28.99439	397398.26	3767251.08	18.35805
397438.26	3767251.08	13.58846	397478.26	3767251.08	11.18943
397518.26	3767251.08	9.25391	397558.26	3767251.08	7.57158
397598.26	3767251.08	6.40411	397638.26	3767251.08	5.39496
397678.26	3767251.08	4.62472	397718.26	3767251.08	4.04387
396558.26	3767291.08	3.95454	396598.26	3767291.08	4.37074
396638.26	3767291.08	4.94525	396678.26	3767291.08	5.75599
396718.26	3767291.08	6.88877	396758.26	3767291.08	8.10543
396798.26	3767291.08	9.79933	396838.26	3767291.08	12.23535

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         396878.26    3767291.08       15.44730                      396918.26
3767291.08       19.35217
         396958.26    3767291.08       24.66140                      396998.26
3767291.08       28.23215
         397038.26    3767291.08       29.63536                      397078.26
3767291.08       36.12374
         397118.26    3767291.08       52.73651                      397158.26
3767291.08       96.29450
         397278.26    3767291.08       53.32861                      397318.26
3767291.08       36.87445
         397358.26    3767291.08       25.57475                      397398.26
3767291.08       17.20619
         397438.26    3767291.08       13.43376                      397478.26
3767291.08       11.25353
         397518.26    3767291.08        9.38365                      397558.26
3767291.08        7.60889
         397598.26    3767291.08        6.55939                      397638.26
3767291.08        5.82397
         397678.26    3767291.08        4.80336                      397718.26
3767291.08        4.16008
         396558.26    3767331.08        3.91697                      396598.26
3767331.08        4.38470
         396638.26    3767331.08        4.81790                      396678.26
3767331.08        5.47888
         396718.26    3767331.08        6.37148                      396758.26
3767331.08        7.55977
         396798.26    3767331.08        8.96250                      396838.26
3767331.08       10.89627
         396878.26    3767331.08       13.32918                      396918.26
3767331.08       16.04683
         396958.26    3767331.08       19.40678                      396998.26
3767331.08       22.90555
         397038.26    3767331.08       23.73250                      397078.26
3767331.08       26.52178
         397118.26    3767331.08       32.36976                      397158.26
3767331.08       42.25145
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE 118
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
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                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397198.26    3767331.08       48.10711                     397238.26
3767331.08       45.76787
         397278.26    3767331.08       38.54011                     397318.26
3767331.08       30.38007
         397358.26    3767331.08       22.62432                     397398.26
3767331.08       16.86551
         397438.26    3767331.08       13.61529                     397478.26
3767331.08       11.31703
         397518.26    3767331.08        9.45388                     397558.26
3767331.08        7.93542
         397598.26    3767331.08        6.72504                     397638.26
3767331.08        6.11616
         397678.26    3767331.08        5.32999                     397718.26
3767331.08        4.39207
         396558.26    3767371.08        3.78445                     396598.26
3767371.08        4.15345
         396638.26    3767371.08        4.58687                     396678.26
3767371.08        5.18686
         396718.26    3767371.08        5.99950                     396758.26
3767371.08        6.97952
         396798.26    3767371.08        8.14159                     396838.26
3767371.08        9.63826
         396878.26    3767371.08       11.50865                     396918.26
3767371.08       13.69557
         396958.26    3767371.08       16.23804                     396998.26
3767371.08       18.80815
         397038.26    3767371.08       19.37560                     397078.26
3767371.08       20.31227
         397118.26    3767371.08       24.06342                     397158.26
3767371.08       26.87517
         397198.26    3767371.08       30.56686                     397238.26
3767371.08       31.72789
         397278.26    3767371.08       29.37647                     397318.26
3767371.08       25.04269
         397358.26    3767371.08       20.53722                     397398.26
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3767371.08       15.88075
         397438.26    3767371.08       13.56572                       397478.26
3767371.08       11.53793
         397518.26    3767371.08        9.80845                       397558.26
3767371.08        8.45450
         397598.26    3767371.08        7.34280                       397638.26
3767371.08        6.34243
         397678.26    3767371.08        5.77731                       397718.26
3767371.08        4.97664
         396558.26    3767411.08        3.69144                       396598.26
3767411.08        3.93419
         396638.26    3767411.08        4.34721                       396678.26
3767411.08        4.86748
         396718.26    3767411.08        5.57376                       396758.26
3767411.08        6.40020
         396798.26    3767411.08        7.35030                       396838.26
3767411.08        8.51172
         396878.26    3767411.08        9.85799                       396918.26
3767411.08       11.65310
         396958.26    3767411.08       13.83241                       396998.26
3767411.08       15.20169
         397038.26    3767411.08       15.19941                       397078.26
3767411.08       16.27956
         397118.26    3767411.08       18.11830                       397158.26
3767411.08       20.68056
         397198.26    3767411.08       23.37495                       397238.26
3767411.08       24.17873
         397278.26    3767411.08       23.35056                       397318.26
3767411.08       21.13411
         397358.26    3767411.08       18.77865                       397398.26
3767411.08       14.96567
         397438.26    3767411.08       13.03561                       397478.26
3767411.08       11.38031
         397518.26    3767411.08        9.94743                       397558.26
3767411.08        8.64730
         397598.26    3767411.08        7.67464                       397638.26
3767411.08        6.74792
         397678.26    3767411.08        5.92740                       397718.26
3767411.08        5.45033
         396558.26    3767451.08        3.52542                       396598.26
3767451.08        3.80263
         396638.26    3767451.08        4.10839                       396678.26
3767451.08        4.56105
         396718.26    3767451.08        5.13430                       396758.26
3767451.08        5.84792
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       15:36:14
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	6.60411	396838.26	3767451.08	7.54777
396878.26	3767451.08	8.53661	396918.26	3767451.08	9.98108
396958.26	3767451.08	11.88914	396998.26	3767451.08	13.44471
397038.26	3767451.08	13.73156	397078.26	3767451.08	14.31575
397118.26	3767451.08	15.33562	397158.26	3767451.08	17.03888
397198.26	3767451.08	18.85883	397238.26	3767451.08	19.45331
397278.26	3767451.08	19.14967	397318.26	3767451.08	17.87480
397358.26	3767451.08	16.29505	397398.26	3767451.08	13.83709
397438.26	3767451.08	12.22986	397478.26	3767451.08	10.95635
397518.26	3767451.08	9.84423	397558.26	3767451.08	8.77498
397598.26	3767451.08	7.82333	397638.26	3767451.08	6.97526
397678.26	3767451.08	6.20357	397718.26	3767451.08	5.62252
396558.26	3767491.08	3.39064	396598.26	3767491.08	3.65504

396638.26 3767491.08 4.05498 396678.26
3767491.08 4.49309
396718.26 3767491.08 4.85130 396758.26
3767491.08 5.31678
396798.26 3767491.08 5.95321 396838.26
3767491.08 6.65947
396878.26 3767491.08 7.45897 396918.26
3767491.08 8.70010
396958.26 3767491.08 10.20123 396998.26
3767491.08 11.99667
397038.26 3767491.08 12.39161 397078.26
3767491.08 12.77099
397118.26 3767491.08 13.41578 397158.26
3767491.08 14.40078
397198.26 3767491.08 15.72793 397238.26
3767491.08 16.32511
397278.26 3767491.08 16.07959 397318.26
3767491.08 15.45040
397358.26 3767491.08 14.42441 397398.26
3767491.08 12.82247
397438.26 3767491.08 11.56839 397478.26
3767491.08 10.29810
397518.26 3767491.08 9.42132 397558.26
3767491.08 8.68397
397598.26 3767491.08 7.90809 397638.26
3767491.08 7.13431
397678.26 3767491.08 6.31127 397718.26
3767491.08 5.77799
396558.26 3767531.08 3.33757 396598.26
3767531.08 3.61917
396638.26 3767531.08 4.00191 396678.26
3767531.08 4.40351
396718.26 3767531.08 4.66352 396758.26
3767531.08 4.84397
396798.26 3767531.08 5.35971 396838.26
3767531.08 5.92498
396878.26 3767531.08 6.53156 396918.26
3767531.08 7.51739
396958.26 3767531.08 8.70565 396998.26
3767531.08 10.29057
397038.26 3767531.08 11.28029 397078.26
3767531.08 11.68448
397118.26 3767531.08 11.98030 397158.26
3767531.08 12.52639
397198.26 3767531.08 13.41193 397238.26
3767531.08 13.91323
397278.26 3767531.08 13.80096 397318.26
3767531.08 13.33113
397358.26 3767531.08 12.73236 397398.26
3767531.08 11.67782

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397598.26   3767531.08   7.72373   397638.26
3767531.08   7.01861
         397678.26   3767531.08   6.34789   397718.26
3767531.08   5.82449
         397320.82   3767219.11   60.47963   397330.82
3767209.11   54.24851
         397340.82   3767189.11   49.98863   397340.82
3767199.11   47.74094
         397340.82   3767209.11   44.83312   397350.82
3767189.11   40.38363
         397350.82   3767199.11   39.39247   397360.82
3767189.11   33.75344
         397360.82   3767199.11   33.42949   397370.82
3767189.11   29.08295
         397380.82   3767189.11   25.55852   396934.73
3767169.52   57.52755
         397014.53   3767229.60   94.61622   397044.10

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3767223.97      125.28890
         397113.57    3767239.93      135.85352                       397158.63
3767280.29      110.77101
         397168.95    3767307.05       72.10105                       397244.05
3767296.72       74.40496
         397260.95    3767278.88       78.59670                       397409.74
3767205.66       18.33203
         397422.89    3767189.23       16.23434                       397426.64
3767180.78       15.65388
         397420.54    3767170.46       16.35224                       397318.68
3767160.13       69.00925
         397022.98    3767083.62       72.28062                       396920.42
3767167.32       41.53640
         396989.95    3767243.54       50.13127                       397044.10
3767223.97      125.28890
         397113.57    3767239.93      135.85352                       397158.63
3767280.29      110.77101
         397168.95    3767307.05       72.10105                       397244.05
3767296.72       74.40496
         397260.95    3767278.88       78.59670                       397409.74
3767205.66       18.33203
         397422.89    3767189.23       16.23434                       397426.64
3767180.78       15.65388
         397420.54    3767170.46       16.35224                       397318.68
3767160.13       69.00925
         397022.98    3767083.62       72.28062

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE 121
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3766771.08	2.71198	396598.26	3766771.08	2.95461
396638.26	3766771.08	3.26003	396678.26	3766771.08	3.58212
396718.26	3766771.08	3.91402	396758.26	3766771.08	4.23330
396798.26	3766771.08	4.53163	396838.26	3766771.08	4.87342
396878.26	3766771.08	5.21251	396918.26	3766771.08	5.54109
396958.26	3766771.08	5.82236	396998.26	3766771.08	6.05291
397038.26	3766771.08	6.22025	397078.26	3766771.08	6.32176
397118.26	3766771.08	6.32690	397158.26	3766771.08	6.24836
397198.26	3766771.08	6.11782	397238.26	3766771.08	5.93270
397278.26	3766771.08	5.69644	397318.26	3766771.08	5.42191
397358.26	3766771.08	5.12213	397398.26	3766771.08	4.80895
397438.26	3766771.08	4.48901	397478.26	3766771.08	4.17625
397518.26	3766771.08	3.87328	397558.26	3766771.08	3.58559
397598.26	3766771.08	3.31908	397638.26	3766771.08	3.07264
397678.26	3766771.08	2.84572	397718.26	3766771.08	2.63695
396558.26	3766811.08	2.87070	396598.26	3766811.08	3.14069
396638.26	3766811.08	3.48251	396678.26	3766811.08	3.85615
396718.26	3766811.08	4.24578	396758.26	3766811.08	4.63627
396798.26	3766811.08	5.06503	396838.26	3766811.08	5.49779
396878.26	3766811.08	5.94949	396918.26	3766811.08	6.38486
396958.26	3766811.08	6.79345	396998.26	3766811.08	7.11804
397038.26	3766811.08	7.35694	397078.26	3766811.08	7.48835

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         397118.26    3766811.08        7.52618                      397158.26
3766811.08        7.44551
         397198.26    3766811.08        7.24625                      397238.26
3766811.08        6.95610
         397278.26    3766811.08        6.61249                      397318.26
3766811.08        6.23793
         397358.26    3766811.08        5.84061                      397398.26
3766811.08        5.42979
         397438.26    3766811.08        5.01969                      397478.26
3766811.08        4.62473
         397518.26    3766811.08        4.25272                      397558.26
3766811.08        3.90610
         397598.26    3766811.08        3.58790                      397638.26
3766811.08        3.29791
         397678.26    3766811.08        3.03499                      397718.26
3766811.08        2.79657
         396558.26    3766851.08        3.04060                      396598.26
3766851.08        3.33464
         396638.26    3766851.08        3.69529                      396678.26
3766851.08        4.12637
         396718.26    3766851.08        4.57791                      396758.26
3766851.08        5.08787
         396798.26    3766851.08        5.65498                      396838.26
3766851.08        6.24656
         396878.26    3766851.08        6.85459                      396918.26
3766851.08        7.45481
         396958.26    3766851.08        8.02063                      396998.26
3766851.08        8.49067
         397038.26    3766851.08        8.82973                      397078.26
3766851.08        9.04596
         397118.26    3766851.08        9.10793                      397158.26
3766851.08        8.99245
         397198.26    3766851.08        8.71803                      397238.26
3766851.08        8.32495
         397278.26    3766851.08        7.83058                      397318.26
3766851.08        7.26565
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE 122
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
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                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397358.26    3766851.08        6.71588                      397398.26
3766851.08        6.16981
         397438.26    3766851.08        5.64361                      397478.26
3766851.08        5.14460
         397518.26    3766851.08        4.68133                      397558.26
3766851.08        4.25857
         397598.26    3766851.08        3.87595                      397638.26
3766851.08        3.53383
         397678.26    3766851.08        3.22859                      397718.26
3766851.08        2.95659
         396558.26    3766891.08        3.20439                      396598.26
3766891.08        3.53400
         396638.26    3766891.08        3.94806                      396678.26
3766891.08        4.44200
         396718.26    3766891.08        4.98657                      396758.26
3766891.08        5.59448
         396798.26    3766891.08        6.31864                      396838.26
3766891.08        7.11596
         396878.26    3766891.08        7.97109                      396918.26
3766891.08        8.77849
         396958.26    3766891.08        9.62237                      396998.26
3766891.08       10.31956
         397038.26    3766891.08       10.84161                      397078.26
3766891.08       11.20667
         397118.26    3766891.08       11.28215                      397158.26
3766891.08       11.05443
         397198.26    3766891.08       10.68651                      397238.26
3766891.08       10.10230
         397278.26    3766891.08        9.40622                      397318.26
3766891.08        8.64046
         397358.26    3766891.08        7.83724                      397398.26
3766891.08        7.07034
         397438.26    3766891.08        6.37425                      397478.26
3766891.08        5.73255
         397518.26    3766891.08        5.15352                      397558.26
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3766891.08        4.63527
         397598.26    3766891.08        4.17851                    397638.26
3766891.08        3.77758
         397678.26    3766891.08        3.42592                    397718.26
3766891.08        3.11784
         396558.26    3766931.08        3.36965                    396598.26
3766931.08        3.73647
         396638.26    3766931.08        4.22765                    396678.26
3766931.08        4.77112
         396718.26    3766931.08        5.43071                    396758.26
3766931.08        6.18272
         396798.26    3766931.08        7.08513                    396838.26
3766931.08        8.13058
         396878.26    3766931.08        9.29784                    396918.26
3766931.08       10.54899
         396958.26    3766931.08       11.78170                    396998.26
3766931.08       12.88306
         397038.26    3766931.08       13.78636                    397078.26
3766931.08       14.29672
         397118.26    3766931.08       14.40064                    397158.26
3766931.08       14.05079
         397198.26    3766931.08       13.40799                    397238.26
3766931.08       12.52198
         397278.26    3766931.08       11.47017                    397318.26
3766931.08       10.37579
         397358.26    3766931.08        9.30099                    397398.26
3766931.08        8.22293
         397438.26    3766931.08        7.24105                    397478.26
3766931.08        6.39895
         397518.26    3766931.08        5.67420                    397558.26
3766931.08        5.03911
         397598.26    3766931.08        4.49447                    397638.26
3766931.08        4.02730
         397678.26    3766931.08        3.63226                    397718.26
3766931.08        3.29141
         396558.26    3766971.08        3.53283                    396598.26
3766971.08        3.94193
         396638.26    3766971.08        4.45474                    396678.26
3766971.08        5.08727
         396718.26    3766971.08        5.86669                    396758.26
3766971.08        6.81461
         396798.26    3766971.08        7.93641                    396838.26
3766971.08        9.35066
         396878.26    3766971.08       10.99134                    396918.26
3766971.08       12.86448
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***       15:36:14
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396958.26	3766971.08	14.86231	396998.26	3766971.08	16.76149
397038.26	3766971.08	18.25363	397078.26	3766971.08	19.03537
397118.26	3766971.08	19.09630	397158.26	3766971.08	18.43941
397198.26	3766971.08	17.31501	397238.26	3766971.08	15.90215
397278.26	3766971.08	14.29652	397318.26	3766971.08	12.67163
397358.26	3766971.08	10.85009	397398.26	3766971.08	9.47508
397438.26	3766971.08	8.28302	397478.26	3766971.08	7.16270
397518.26	3766971.08	6.23676	397558.26	3766971.08	5.46852
397598.26	3766971.08	4.83432	397638.26	3766971.08	4.29180
397678.26	3766971.08	3.83374	397718.26	3766971.08	3.44992
396558.26	3767011.08	3.68406	396598.26	3767011.08	4.12953
396638.26	3767011.08	4.69683	396678.26	3767011.08	5.39754
396718.26	3767011.08	6.27367	396758.26	3767011.08	7.42185

396798.26 3767011.08 8.86200 396838.26
3767011.08 10.73649
396878.26 3767011.08 13.08866 396918.26
3767011.08 16.07490
396958.26 3767011.08 19.47307 396998.26
3767011.08 22.95844
397038.26 3767011.08 25.77469 397078.26
3767011.08 27.03672
397118.26 3767011.08 26.77065 397158.26
3767011.08 25.28632
397198.26 3767011.08 23.24851 397238.26
3767011.08 20.85120
397278.26 3767011.08 18.32088 397318.26
3767011.08 15.77320
397358.26 3767011.08 12.98893 397398.26
3767011.08 10.85224
397438.26 3767011.08 9.37626 397478.26
3767011.08 8.01046
397518.26 3767011.08 6.85588 397558.26
3767011.08 5.92223
397598.26 3767011.08 5.16293 397638.26
3767011.08 4.54498
397678.26 3767011.08 4.03413 397718.26
3767011.08 3.60899
396558.26 3767051.08 3.81443 396598.26
3767051.08 4.30349
396638.26 3767051.08 4.90363 396678.26
3767051.08 5.69154
396718.26 3767051.08 6.69453 396758.26
3767051.08 8.00736
396798.26 3767051.08 9.77565 396838.26
3767051.08 12.22397
396878.26 3767051.08 15.66891 396918.26
3767051.08 20.56802
396958.26 3767051.08 27.09232 396998.26
3767051.08 34.97977
397038.26 3767051.08 41.28535 397078.26
3767051.08 42.54429
397118.26 3767051.08 40.57597 397158.26
3767051.08 37.04929
397198.26 3767051.08 32.99178 397238.26
3767051.08 28.72997
397278.26 3767051.08 24.48012 397318.26
3767051.08 20.22915
397358.26 3767051.08 16.13987 397398.26
3767051.08 12.78837
397438.26 3767051.08 10.61948 397478.26
3767051.08 8.95908
397518.26 3767051.08 7.48521 397558.26
3767051.08 6.37667

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH-HIGHEST 24-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3767091.08	3.92498	396598.26	3767091.08	4.46152
396638.26	3767091.08	5.09407	396678.26	3767091.08	5.91670
396718.26	3767091.08	7.03067	396758.26	3767091.08	8.53977
396798.26	3767091.08	10.63501	396838.26	3767091.08	13.73447
396878.26	3767091.08	18.57774	396918.26	3767091.08	26.79718
396958.26	3767091.08	40.99738	396998.26	3767091.08	68.70134
397078.26	3767091.08	82.64117	397118.26	3767091.08	71.72107
397158.26	3767091.08	61.13281	397198.26	3767091.08	51.60639
397238.26	3767091.08	43.06758	397278.26		
397598.26	3767051.08	5.49142	397638.26	3767051.08	4.79077
397678.26	3767051.08	4.22085	397718.26	3767051.08	3.75101

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3767091.08       35.22230
         397318.26    3767091.08       27.41176                       397358.26
3767091.08       20.46156
         397398.26    3767091.08       15.23589                       397438.26
3767091.08       11.94084
         397478.26    3767091.08        9.48833                       397518.26
3767091.08        7.89128
         397558.26    3767091.08        6.60246                       397598.26
3767091.08        5.73201
         397638.26    3767091.08        5.01473                       397678.26
3767091.08        4.38269
         397718.26    3767091.08        3.86777                       396558.26
3767131.08        4.00911
         396598.26    3767131.08        4.56787                       396638.26
3767131.08        5.25500
         396678.26    3767131.08        6.09314                       396718.26
3767131.08        7.25774
         396758.26    3767131.08        8.89990                       396798.26
3767131.08       11.26710
         396838.26    3767131.08       14.91442                       396878.26
3767131.08       21.24794
         396918.26    3767131.08       34.45908                       396958.26
3767131.08       72.35987
         397238.26    3767131.08       78.47669                       397278.26
3767131.08       60.57839
         397318.26    3767131.08       42.15483                       397358.26
3767131.08       26.65270
         397398.26    3767131.08       17.88421                       397438.26
3767131.08       13.23485
         397478.26    3767131.08       10.07318                       397518.26
3767131.08        8.22559
         397558.26    3767131.08        6.87227                       397598.26
3767131.08        5.90407
         397638.26    3767131.08        5.15989                       397678.26
3767131.08        4.50272
         397718.26    3767131.08        3.96365                       396558.26
3767171.08        4.03494
         396598.26    3767171.08        4.60510                       396638.26
3767171.08        5.32222
         396678.26    3767171.08        6.19709                       396718.26
3767171.08        7.33917
         396758.26    3767171.08        8.99031                       396798.26
3767171.08       11.46182
         396838.26    3767171.08       15.38160                       396878.26
3767171.08       22.55639
         396918.26    3767171.08       39.90578                       397438.26
3767171.08       14.19572
         397478.26    3767171.08       10.88653                       397518.26
3767171.08        8.82205
         397558.26    3767171.08        7.26134                       397598.26
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3767171.08   6.16277
         397638.26   3767171.08   5.27673   397678.26
3767171.08   4.57544
         397718.26   3767171.08   4.01406   396558.26
3767211.08   4.03307
         396598.26   3767211.08   4.59553   396638.26
3767211.08   5.29546
         396678.26   3767211.08   6.19061   396718.26
3767211.08   7.31664
         396758.26   3767211.08   8.90487   396798.26
3767211.08   11.25411
         396838.26   3767211.08   14.94688   396878.26
3767211.08   21.07668

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   , L0000001   , L0000002
 , L0000003   , L0000004   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396918.26   3767211.08   33.08720   396958.26
3767211.08   57.99908
         397438.26   3767211.08   14.13040   397478.26
3767211.08   11.08324
         397518.26   3767211.08   9.02988   397558.26
3767211.08   7.40579
         397598.26   3767211.08   6.25362   397638.26
3767211.08   5.34760

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         397678.26    3767211.08        4.63672                    397718.26
3767211.08        4.05866
         396558.26    3767251.08        4.00010                    396598.26
3767251.08        4.54919
         396638.26    3767251.08        5.24768                    396678.26
3767251.08        6.11927
         396718.26    3767251.08        7.20779                    396758.26
3767251.08        8.60703
         396798.26    3767251.08       10.65892                    396838.26
3767251.08       13.68675
         396878.26    3767251.08       18.44591                    396918.26
3767251.08       25.00199
         396958.26    3767251.08       34.35452                    396998.26
3767251.08       46.73983
         397038.26    3767251.08       58.09626                    397078.26
3767251.08       77.92725
         397118.26    3767251.08      124.86650                    397318.26
3767251.08       47.00420
         397358.26    3767251.08       29.29744                    397398.26
3767251.08       18.60484
         397438.26    3767251.08       13.83536                    397478.26
3767251.08       11.42203
         397518.26    3767251.08        9.36800                    397558.26
3767251.08        7.69227
         397598.26    3767251.08        6.47013                    397638.26
3767251.08        5.44735
         397678.26    3767251.08        4.66965                    397718.26
3767251.08        4.08466
         396558.26    3767291.08        3.97079                    396598.26
3767291.08        4.39335
         396638.26    3767291.08        4.97060                    396678.26
3767291.08        5.77992
         396718.26    3767291.08        6.93350                    396758.26
3767291.08        8.15186
         396798.26    3767291.08        9.84298                    396838.26
3767291.08       12.26451
         396878.26    3767291.08       15.54482                    396918.26
3767291.08       19.51197
         396958.26    3767291.08       24.80078                    396998.26
3767291.08       28.38713
         397038.26    3767291.08       29.84313                    397078.26
3767291.08       36.37566
         397118.26    3767291.08       53.06222                    397158.26
3767291.08       96.62566
         397278.26    3767291.08       53.95413                    397318.26
3767291.08       37.68821
         397358.26    3767291.08       26.17479                    397398.26
3767291.08       17.62205
         397438.26    3767291.08       13.65543                    397478.26
3767291.08       11.41966
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         397518.26    3767291.08        9.48947                      397558.26
3767291.08        7.71538
         397598.26    3767291.08        6.66230                      397638.26
3767291.08        5.91375
         397678.26    3767291.08        4.88626                      397718.26
3767291.08        4.22483
         396558.26    3767331.08        3.93684                      396598.26
3767331.08        4.39910
         396638.26    3767331.08        4.87380                      396678.26
3767331.08        5.54912
         396718.26    3767331.08        6.43607                      396758.26
3767331.08        7.59113
         396798.26    3767331.08        8.98648                      396838.26
3767331.08       10.91887
         396878.26    3767331.08       13.37053                      396918.26
3767331.08       16.13328
         396958.26    3767331.08       19.46331                      396998.26
3767331.08       23.05784
         397038.26    3767331.08       23.92137                      397078.26
3767331.08       26.98225
         397118.26    3767331.08       32.84911                      397158.26
3767331.08       42.91109
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE 126
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

             *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM-2.5   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3767411.08        6.41943
         396798.26    3767411.08        7.37188                      396838.26
3767411.08        8.54921
         396878.26    3767411.08        9.95908                      396918.26
3767411.08       11.70609
         396958.26    3767411.08       13.89324                      396998.26
3767411.08       15.30574
         397038.26    3767411.08       15.33966                      397078.26
3767411.08       16.49165
         397118.26    3767411.08       18.38730                      397158.26
3767411.08       21.21915
         397198.26    3767411.08       23.76626                      397238.26
3767411.08       24.63411
         397278.26    3767411.08       23.92531                      397318.26
3767411.08       21.43740
         397358.26    3767411.08       19.11835                      397398.26
3767411.08       15.37968
         397438.26    3767411.08       13.27780                      397478.26
3767411.08       11.53730
         397518.26    3767411.08       10.18411                      397558.26
3767411.08        8.83972
         397598.26    3767411.08        7.77889                      397638.26
3767411.08        6.82274
         397678.26    3767411.08        5.97774                      397718.26
3767411.08        5.49582
         396558.26    3767451.08        3.54731                      396598.26
3767451.08        3.82159
         396638.26    3767451.08        4.12789                      396678.26
3767451.08        4.57962
         396718.26    3767451.08        5.17277                      396758.26
3767451.08        5.86562
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE 127
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

            *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	6.63709	396838.26	3767451.08	7.57873
396878.26	3767451.08	8.61642	396918.26	3767451.08	10.04670
396958.26	3767451.08	11.96768	396998.26	3767451.08	13.51339
397038.26	3767451.08	13.87952	397078.26	3767451.08	14.45470
397118.26	3767451.08	15.52979	397158.26	3767451.08	17.40512
397198.26	3767451.08	19.27815	397238.26	3767451.08	19.93214
397278.26	3767451.08	19.49051	397318.26	3767451.08	18.36597
397358.26	3767451.08	16.57713	397398.26	3767451.08	14.21349
397438.26	3767451.08	12.55374	397478.26	3767451.08	11.19011
397518.26	3767451.08	10.00078	397558.26	3767451.08	8.90540
397598.26	3767451.08	8.01503	397638.26	3767451.08	7.10587
397678.26	3767451.08	6.27972	397718.26	3767451.08	5.67360
396558.26	3767491.08	3.41908	396598.26	3767491.08	3.68335
396638.26	3767491.08	4.07706	396678.26	3767491.08	4.51493
396718.26	3767491.08	4.90002	396758.26	3767491.08	5.35472
396798.26	3767491.08	5.97177	396838.26	3767491.08	6.70592
396878.26	3767491.08	7.48576	396918.26	3767491.08	8.78091
396958.26	3767491.08	10.29785	396998.26	3767491.08	12.07901
397038.26	3767491.08	12.44263	397078.26	3767491.08	12.90007
397118.26	3767491.08	13.55783	397158.26	3767491.08	14.72154

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         397198.26    3767491.08       16.13843                       397238.26
3767491.08       16.71363
         397278.26    3767491.08       16.39630                       397318.26
3767491.08       15.74899
         397358.26    3767491.08       14.67747                       397398.26
3767491.08       13.00837
         397438.26    3767491.08       11.84615                       397478.26
3767491.08       10.53575
         397518.26    3767491.08        9.58153                       397558.26
3767491.08        8.74213
         397598.26    3767491.08        7.99519                       397638.26
3767491.08        7.22137
         397678.26    3767491.08        6.43413                       397718.26
3767491.08        5.85005
         396558.26    3767531.08        3.35749                       396598.26
3767531.08        3.65008
         396638.26    3767531.08        4.04082                       396678.26
3767531.08        4.41936
         396718.26    3767531.08        4.71232                       396758.26
3767531.08        4.87216
         396798.26    3767531.08        5.39110                       396838.26
3767531.08        5.96600
         396878.26    3767531.08        6.59625                       396918.26
3767531.08        7.55715
         396958.26    3767531.08        8.76134                       396998.26
3767531.08       10.37308
         397038.26    3767531.08       11.35283                       397078.26
3767531.08       11.87751
         397118.26    3767531.08       12.07657                       397158.26
3767531.08       12.77533
         397198.26    3767531.08       13.68666                       397238.26
3767531.08       14.33693
         397278.26    3767531.08       14.11166                       397318.26
3767531.08       13.50559
         397358.26    3767531.08       13.04532                       397398.26
3767531.08       11.90994
         397438.26    3767531.08       10.52287                       397478.26
3767531.08        9.72946
         397518.26    3767531.08        8.95317                       397558.26
3767531.08        8.33055
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                  PAGE 128
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

             *** THE   8TH-HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
```

INCLUDING SOURCE(S): EG01 , EG02
, EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10
, EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18
, EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 , L0000001 , L0000002
, L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397598.26	3767531.08	7.80857	397638.26	3767531.08	7.10615
397678.26	3767531.08	6.44037	397718.26	3767531.08	5.91651
397320.82	3767219.11	60.82150	397330.82	3767209.11	54.49023
397340.82	3767189.11	50.18664	397340.82	3767199.11	47.91490
397340.82	3767209.11	45.08710	397350.82	3767189.11	40.66914
397350.82	3767199.11	39.67285	397360.82	3767189.11	34.03250
397360.82	3767199.11	33.70859	397370.82	3767189.11	29.34586
397380.82	3767189.11	25.73165	396934.73	3767169.52	57.70743
397014.53	3767229.60	94.76871	397044.10	3767223.97	125.49465
397113.57	3767239.93	136.11347	397158.63	3767280.29	111.29006
397168.95	3767307.05	72.52525	397244.05	3767296.72	74.84248
397260.95	3767278.88	78.99989	397409.74	3767205.66	18.46790
397422.89	3767189.23	16.30881	397426.64	3767180.78	15.70739
397420.54	3767170.46	16.44521	397318.68	3767160.13	69.24727
397022.98	3767083.62	72.51704	396920.42	3767167.32	41.72655
396989.95	3767243.54	50.32467	397044.10		

3767223.97   125.49465
         397113.57   3767239.93   136.11347   397158.63
3767280.29   111.29006
         397168.95   3767307.05   72.52525   397244.05
3767296.72   74.84248
         397260.95   3767278.88   78.99989   397409.74
3767205.66   18.46790
         397422.89   3767189.23   16.30881   397426.64
3767180.78   15.70739
         397420.54   3767170.46   16.44521   397318.68
3767160.13   69.24727
         397022.98   3767083.62   72.51704

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                  *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   5 YEARS ***

                                   ** CONC OF PM-2.5   IN MICROGRAMS/M**3
              **

                        NETWORK
GROUP ID   AVERAGE CONC   RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- - - - - - - - - - - - - - - - - - -

GENERATO 1ST HIGHEST VALUE IS   0.57549 AT (397158.63, 3767280.29,
113.85,   188.90,   2.00) DC
          2ND HIGHEST VALUE IS   0.57549 AT (397158.63, 3767280.29,
113.85,   188.90,   2.00) DC
          3RD HIGHEST VALUE IS   0.55973 AT (397113.57, 3767239.93,
112.10,   187.57,   2.00) DC
          4TH HIGHEST VALUE IS   0.55973 AT (397113.57, 3767239.93,
112.10,   187.57,   2.00) DC
          5TH HIGHEST VALUE IS   0.50249 AT (397118.26, 3767251.08,
113.68,   187.57,   2.00) DC
          6TH HIGHEST VALUE IS   0.49930 AT (397238.26, 3767331.08,
123.96,   149.01,   2.00) DC
          7TH HIGHEST VALUE IS   0.49256 AT (397198.26, 3767331.08,
125.94,   149.01,   2.00) DC
          8TH HIGHEST VALUE IS   0.48956 AT (397158.26, 3767291.08,

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115.43,   188.90,    2.00)  DC
          9TH HIGHEST VALUE IS       0.45422 AT (  397158.26,  3767331.08,
126.82,   142.19,    2.00)  DC
         10TH HIGHEST VALUE IS       0.45146 AT (  397244.05,  3767296.72,
118.15,   188.90,    2.00)  DC

AREA      1ST HIGHEST VALUE IS     102.74567 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          2ND HIGHEST VALUE IS     102.74567 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          3RD HIGHEST VALUE IS      93.73616 AT (  397118.26,  3767251.08,
113.68,   187.57,    2.00)  DC
          4TH HIGHEST VALUE IS      93.59277 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          5TH HIGHEST VALUE IS      93.59277 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          6TH HIGHEST VALUE IS      83.49716 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          7TH HIGHEST VALUE IS      83.49716 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          8TH HIGHEST VALUE IS      72.45064 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
          9TH HIGHEST VALUE IS      70.70053 AT (  397014.53,  3767229.60,
112.60,   142.19,    2.00)  DC
         10TH HIGHEST VALUE IS      60.36278 AT (  397078.26,  3767091.08,
107.82,   147.56,    2.00)  DC

ALL       1ST HIGHEST VALUE IS     103.30540 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          2ND HIGHEST VALUE IS     103.30540 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          3RD HIGHEST VALUE IS      94.23865 AT (  397118.26,  3767251.08,
113.68,   187.57,    2.00)  DC
          4TH HIGHEST VALUE IS      93.79637 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          5TH HIGHEST VALUE IS      93.79637 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          6TH HIGHEST VALUE IS      84.07265 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          7TH HIGHEST VALUE IS      84.07265 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          8TH HIGHEST VALUE IS      72.94021 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
          9TH HIGHEST VALUE IS      70.82512 AT (  397014.53,  3767229.60,
112.60,   142.19,    2.00)  DC
         10TH HIGHEST VALUE IS      60.66837 AT (  397078.26,  3767091.08,
107.82,   147.56,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
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*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST 24-HR RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF PM-2.5 IN MICROGRAMS/M**3 **

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
GENERATO	1ST HIGHEST VALUE IS	2.20734	AT (396998.26, 3767091.08, 105.38, 142.19, 2.00)	DC	
	2ND HIGHEST VALUE IS	2.16549	AT (397022.98, 3767083.62, 105.68, 142.19, 2.00)	DC	
	3RD HIGHEST VALUE IS	2.16549	AT (397022.98, 3767083.62, 105.68, 142.19, 2.00)	DC	
	4TH HIGHEST VALUE IS	2.12119	AT (397340.82, 3767189.11, 113.51, 149.27, 0.00)	DC	
	5TH HIGHEST VALUE IS	2.03666	AT (397350.82, 3767189.11, 113.73, 149.27, 0.00)	DC	
	6TH HIGHEST VALUE IS	1.97576	AT (397340.82, 3767199.11, 113.97, 149.27, 0.00)	DC	
	7TH HIGHEST VALUE IS	1.94806	AT (397330.82, 3767209.11, 114.55, 149.27, 0.00)	DC	
	8TH HIGHEST VALUE IS	1.86838	AT (397038.26, 3767051.08, 105.89, 140.23, 2.00)	DC	
	9TH HIGHEST VALUE IS	1.86285	AT (397078.26, 3767091.08, 107.82, 147.56, 2.00)	DC	
	10TH HIGHEST VALUE IS	1.85946	AT (397350.82, 3767199.11, 114.28, 149.27, 0.00)	DC	
AREA	1ST HIGHEST VALUE IS	148.51708	AT (397113.57, 3767239.93, 112.10, 187.57, 2.00)	DC	
	2ND HIGHEST VALUE IS	148.51708	AT (397113.57, 3767239.93, 112.10, 187.57, 2.00)	DC	

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          3RD HIGHEST VALUE IS     137.22566 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          4TH HIGHEST VALUE IS     137.22566 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          5TH HIGHEST VALUE IS     136.29649 AT (  397118.26,  3767251.08,
113.68,   187.57,    2.00)  DC
          6TH HIGHEST VALUE IS     120.82437 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          7TH HIGHEST VALUE IS     120.82437 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          8TH HIGHEST VALUE IS     105.84527 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
          9TH HIGHEST VALUE IS     104.50637 AT (  397014.53,  3767229.60,
112.60,   142.19,    2.00)  DC
         10TH HIGHEST VALUE IS      91.78612 AT (  397078.26,  3767091.08,
107.82,   147.56,    2.00)  DC

ALL       1ST HIGHEST VALUE IS     148.73741 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          2ND HIGHEST VALUE IS     148.73741 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          3RD HIGHEST VALUE IS     137.37373 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          4TH HIGHEST VALUE IS     137.37373 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          5TH HIGHEST VALUE IS     136.61878 AT (  397118.26,  3767251.08,
113.68,   187.57,    2.00)  DC
          6TH HIGHEST VALUE IS     121.22688 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          7TH HIGHEST VALUE IS     121.22688 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          8TH HIGHEST VALUE IS     106.18833 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
          9TH HIGHEST VALUE IS     104.56753 AT (  397014.53,  3767229.60,
112.60,   142.19,    2.00)  DC
         10TH HIGHEST VALUE IS      91.97592 AT (  397078.26,  3767091.08,
107.82,   147.56,    2.00)  DC
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                          *** THE SUMMARY OF MAXIMUM   8TH-HIGHEST 24-HR RESULTS
AVERAGED OVER   5 YEARS ***


                                    ** CONC OF PM-2.5   IN MICROGRAMS/M**3
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NETWORK
GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

GENERATO 1ST HIGHEST VALUE IS 1.44440 AT (397158.63, 3767280.29, 113.85, 188.90, 2.00) DC
2ND HIGHEST VALUE IS 1.44440 AT (397158.63, 3767280.29, 113.85, 188.90, 2.00) DC
3RD HIGHEST VALUE IS 1.38486 AT (396998.26, 3767091.08, 105.38, 142.19, 2.00) DC
4TH HIGHEST VALUE IS 1.32922 AT (397022.98, 3767083.62, 105.68, 142.19, 2.00) DC
5TH HIGHEST VALUE IS 1.32922 AT (397022.98, 3767083.62, 105.68, 142.19, 2.00) DC
6TH HIGHEST VALUE IS 1.27030 AT (397158.26, 3767331.08, 126.82, 142.19, 2.00) DC
7TH HIGHEST VALUE IS 1.25278 AT (397238.26, 3767331.08, 123.96, 149.01, 2.00) DC
8TH HIGHEST VALUE IS 1.25149 AT (397113.57, 3767239.93, 112.10, 187.57, 2.00) DC
9TH HIGHEST VALUE IS 1.25149 AT (397113.57, 3767239.93, 112.10, 187.57, 2.00) DC
10TH HIGHEST VALUE IS 1.23413 AT (397038.26, 3767051.08, 105.89, 140.23, 2.00) DC

AREA 1ST HIGHEST VALUE IS 135.85352 AT (397113.57, 3767239.93, 112.10, 187.57, 2.00) DC
2ND HIGHEST VALUE IS 135.85352 AT (397113.57, 3767239.93, 112.10, 187.57, 2.00) DC
3RD HIGHEST VALUE IS 125.28890 AT (397044.10, 3767223.97, 112.60, 142.19, 2.00) DC
4TH HIGHEST VALUE IS 125.28890 AT (397044.10, 3767223.97, 112.60, 142.19, 2.00) DC
5TH HIGHEST VALUE IS 124.51725 AT (397118.26, 3767251.08, 113.68, 187.57, 2.00) DC
6TH HIGHEST VALUE IS 110.77101 AT (397158.63, 3767280.29, 113.85, 188.90, 2.00) DC
7TH HIGHEST VALUE IS 110.77101 AT (397158.63, 3767280.29, 113.85, 188.90, 2.00) DC
8TH HIGHEST VALUE IS 96.29450 AT (397158.26, 3767291.08, 115.43, 188.90, 2.00) DC
9TH HIGHEST VALUE IS 94.61622 AT (397014.53, 3767229.60, 112.60, 142.19, 2.00) DC
10TH HIGHEST VALUE IS 82.27146 AT (397078.26, 3767091.08, 107.82, 147.56, 2.00) DC

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ALL       1ST HIGHEST VALUE IS     136.11347 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          2ND HIGHEST VALUE IS     136.11347 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          3RD HIGHEST VALUE IS     125.49465 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          4TH HIGHEST VALUE IS     125.49465 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          5TH HIGHEST VALUE IS     124.86650 AT (  397118.26,  3767251.08,
113.68,   187.57,    2.00)  DC
          6TH HIGHEST VALUE IS     111.29006 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          7TH HIGHEST VALUE IS     111.29006 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          8TH HIGHEST VALUE IS      96.62566 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
          9TH HIGHEST VALUE IS      94.76871 AT (  397014.53,  3767229.60,
112.60,   142.19,    2.00)  DC
         10TH HIGHEST VALUE IS      82.64117 AT (  397078.26,  3767091.08,
107.82,   147.56,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:36:14

                                   PAGE 132
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of           72 Warning Message(s)
 A Total of         1277 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          152 Calm Hours Identified

 A Total of         1125 Missing Hours Identified (  2.57 Percent)
```

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 2020 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
ME W187 2020 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

CN W732 528 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010012224
CN W732 1560 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010030624
CN W732 1584 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010030724
CN W732 2688 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042224
CN W732 2712 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042324
CN W732 2736 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042424
CN W732 2760 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042524
CN W732 2784 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042624
CN W732 2808 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042724
CN W732 2832 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042824
CN W732 2856 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042924
CN W732 2880 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010043024
CN W732 2904 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010050124
CN W732 2928 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010050224
CN W732 3384 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010052124
CN W732 3744 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010060524
CN W732 5976 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010090624
CN W732 6024 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010090824
CN W732 8184 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010120724
CN W732 8352 AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010121424
CN W732 8640 AVER: 24-hr avg, < 18 hours of data, calms policy used.

2010122624
 CN W732   8952   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011010824
 CN W732   8976   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011010924
 CN W732   9504   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011013124
 CN W732   9528   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011020124
 CN W732   10200   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011030124
 CN W732   11088   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011040724
 CN W732   11112   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011040824
 CN W732   11136   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011040924
 CN W732   11160   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011041024
 CN W732   12648   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011061124
 CN W732   12672   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011061224
 CN W732   12696   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011061324
 CN W732   12720   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011061424
 CN W732   12744   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011061524
 CN W732   13680   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011072424
 CN W732   13704   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011072524
 CN W732   13728   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011072624
 CN W732   15432   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011100524
 CN W732   15456   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011100624
 CN W732   15480   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011100724
 CN W732   16128   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011110324
 CN W732   16416   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011111524
 CN W732   16584   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011112224
 CN W732   16608   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011112324
 CN W732   19896   AVER: 24-hr avg, < 18 hours of data, calms policy used.

2012040824
 CN W732   20472   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012050224
 CN W732   20904   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012052024
 CN W732   20928   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012052124
 CN W732   20952   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012052224
 CN W732   20976   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012052324
 CN W732   21024   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012052524
 CN W732   23016   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012081624
 CN W732   24072   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012092924
 CN W732   24096   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012093024
 CN W732   25560   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012113024
 CN W732   25584   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012120124
 CN W732   25632   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012120324
 MX W450   26305   CHKDAT: Record Out of Sequence in Meteorological File at:
  15010101
 MX W450   26305   CHKDAT: Record Out of Sequence in Meteorological File at:
2 year gap
 CN W732   27216   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2015020724
 CN W732   29424   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2015051024
 CN W732   30696   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2015070224
 CN W732   35064   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2015123124
 CN W732   36816   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031324
 CN W732   36840   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031424
 CN W732   40416   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081024
 CN W732   40512   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081424
 CN W732   40632   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081924
 CN W732   43848   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016123124

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**********************************
*** AERMOD Finishes Successfully ***
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** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 9/19/2025
** File: C:\Lakes\AERMOD View\Saturn_PM10\Saturn_PM10.ADI
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** AERMOD Control Pathway
**************************************
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   AVERTIME 24 ANNUAL
   URBANOPT 9830000 Los_Angeles
   POLLUTID PM-10
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL Saturn_PM10.err
CO FINISHED
**
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** AERMOD Source Pathway
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SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
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** DESCRSRC EG01
   LOCATION EG02         POINT      397058.994  3767182.562      112.471
** DESCRSRC EG02
   LOCATION EG03         POINT      397065.817  3767183.756      112.471
** DESCRSRC EG03
   LOCATION EG04         POINT      397077.261  3767187.083      112.471
** DESCRSRC EG04
   LOCATION EG05         POINT      397083.355  3767188.485      112.471
** DESCRSRC EG05
   LOCATION EG06         POINT      397095.396  3767191.888      112.471
** DESCRSRC EG06
   LOCATION EG07         POINT      397101.071  3767193.568      112.471
** DESCRSRC EG07
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   LOCATION EG08         POINT      397112.728  3767196.954      112.471
** DESCRSRC EG08
   LOCATION EG09         POINT      397117.682  3767198.038      112.471
** DESCRSRC EG09
   LOCATION EG10         POINT      397130.989  3767201.046      112.471
** DESCRSRC EG10
   LOCATION EG11         POINT      397137.409  3767203.301      112.471
** DESCRSRC EG11
   LOCATION EG12         POINT      397148.441  3767206.617      112.471
** DESCRSRC EG12
   LOCATION EG13         POINT      397154.731  3767208.051      112.471
** DESCRSRC EG13
   LOCATION EG14         POINT      397166.615  3767211.117      112.471
** DESCRSRC EG14
   LOCATION EG15         POINT      397172.700  3767212.670      112.471
** DESCRSRC EG15
   LOCATION EG16         POINT      397184.130  3767216.150      112.471
** DESCRSRC EG16
   LOCATION EG17         POINT      397190.740  3767217.240      112.471
** DESCRSRC EG17
   LOCATION EG18         POINT      397202.170  3767220.970      112.471
** DESCRSRC EG18
   LOCATION EG19         POINT      397208.300  3767222.530      112.471
** DESCRSRC EG19
   LOCATION EG20         POINT      397220.080  3767225.660      112.471
** DESCRSRC EG20
   LOCATION EG21         POINT      397225.980  3767227.340      112.471
** DESCRSRC EG21
   LOCATION EG22         POINT      397237.640  3767229.990      112.471
** DESCRSRC EG22
   LOCATION EG23         POINT      397244.020  3767232.150      112.471
** DESCRSRC EG23
   LOCATION EG24         POINT      397256.040  3767235.040      112.471
** DESCRSRC EG24
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** DESCRSRC
** PREFIX
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** Configuration = Adjacent
** Emission Rate = 1.0
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** SZINIT = 4.74
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** 396963.820, 3767177.650, 113.00, 5.10, 4.19
** 397043.760, 3767097.460, 113.00, 5.10, 4.19
** 397056.240, 3767105.780, 113.00, 5.10, 4.19
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LOCATION L0000230     VOLUME   397273.540 3767172.241 113.00
LOCATION L0000231     VOLUME   397267.693 3767179.083 113.00
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LOCATION L0000234     VOLUME   397250.150 3767199.608 113.00
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LOCATION L0000246     VOLUME   397179.981 3767281.706 113.00
LOCATION L0000247     VOLUME   397174.133 3767288.548 113.00
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LOCATION L0000252     VOLUME   397209.310 3767287.513 113.00
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LOCATION L0000268     VOLUME   397297.031 3767173.315 113.00
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** Source Parameters **
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   SRCPARAM EG03           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG04           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG05           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG06           0.0073    14.326   756.483 32.6741244228888      0.61

   SRCPARAM EG07           0.0073    14.326   756.483 32.6741244228888      0.61

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SRCPARAM L0000226     0.0034722222      5.10      4.19      4.74
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SRCPARAM L0000229     0.0034722222      5.10      4.19      4.74
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   SRCPARAM L0000286     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000287     0.0034722222      5.10      4.19      4.74
   SRCPARAM L0000288     0.0034722222      5.10      4.19      4.74
** ------------------------------------------------------------------

** Building Downwash **
   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
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   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80
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   BUILDHGT EG01            12.80    12.80    12.80    12.80    12.80    12.80

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   BUILDHGT EG02            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02            12.80    12.80    12.80    12.80    12.80    12.80
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   BUILDHGT EG02            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG02            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG03            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG03            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG03            12.80    12.80    12.80    12.80    12.80    12.80
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   BUILDHGT EG03            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG03            12.80    12.80    12.80    12.80    12.80    12.80

   BUILDHGT EG04            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG04            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG04            12.80    12.80    12.80    12.80    12.80    12.80
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   BUILDHGT EG06            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG06            12.80    12.80    12.80    12.80    12.80    12.80
   BUILDHGT EG06            12.80    12.80    12.80    12.80    12.80    12.80
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BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
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BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85

BUILDWID EG18 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG18 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG18 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG18 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG18 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG19 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG19 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG19 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG19 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG19 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG19 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG20 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG20 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG20 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG20 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG20 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG20 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG21 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG21 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG21 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG21 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG21 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG21 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG22 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG22 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG22 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG22 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG22 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG22 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG23 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG23 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG23 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG23 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG23 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG23 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG24 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG24 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG24 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG24 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG24 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG24 271.99 283.95 287.27 281.87 285.94 289.37

BUILDLEN EG01 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG01 281.87 285.94 289.37 284.00 270.01 247.81

BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG01	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG01	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG01	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG02	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG02	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG02	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG03	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG03	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG03	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG04	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81

BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG11	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG11	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG12	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG12	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG12	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG12	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG12	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG12	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG13	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG13	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG13	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG13	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG13	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG13	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG14	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG14	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG14	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG14	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG14	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG14	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG15	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG15	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG15	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG15	189.23	223.90	251.77	271.99	283.95	287.27

BUILDLEN EG15 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG15 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG16 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG16 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG16 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG16 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG16 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG16 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG17 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG17 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG17 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG17 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG17 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG17 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG18 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG18 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG18 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG18 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG18 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG18 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG19 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG19 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG19 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG19 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG19 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG19 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG20 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG20 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG20 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG20 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG20 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG20 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG21 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG21 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG21 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG21 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG21 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG21 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG22 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG22 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG22 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG22 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG22 281.87 285.94 289.37 284.00 270.01 247.81

BUILDLEN	EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87
XBADJ	EG02	-90.87	-89.77	-85.94	-79.50	-70.65	-59.65
XBADJ	EG02	-46.83	-41.50	-39.68	-36.65	-32.51	-27.38
XBADJ	EG02	-21.42	-14.81	-7.75	-0.45	-19.03	-59.60
XBADJ	EG02	-98.36	-134.13	-165.83	-192.49	-213.30	-227.63
XBADJ	EG02	-235.04	-244.44	-249.69	-247.35	-237.50	-220.43
XBADJ	EG02	-196.66	-166.92	-132.10	-93.27	-84.84	-89.21
XBADJ	EG03	-93.24	-93.23	-90.40	-84.81	-76.65	-66.16
XBADJ	EG03	-53.66	-48.44	-46.51	-43.17	-38.52	-32.70
XBADJ	EG03	-25.88	-18.28	-10.13	-1.66	-19.03	-58.40
XBADJ	EG03	-95.99	-130.67	-161.38	-187.18	-207.29	-221.11
XBADJ	EG03	-228.21	-237.51	-242.86	-240.83	-231.49	-215.11
XBADJ	EG03	-192.20	-163.45	-129.73	-92.07	-84.83	-90.41
XBADJ	EG04	-98.49	-100.27	-98.99	-94.71	-87.55	-77.73
XBADJ	EG04	-65.55	-60.28	-57.95	-53.86	-48.13	-40.95
XBADJ	EG04	-32.51	-23.09	-12.97	-2.45	-17.75	-55.08
XBADJ	EG04	-90.74	-123.64	-152.78	-177.28	-196.40	-209.54
XBADJ	EG04	-216.32	-225.66	-231.42	-230.14	-221.88	-206.87
XBADJ	EG04	-185.57	-158.64	-126.88	-91.27	-86.12	-93.73
XBADJ	EG05	-100.93	-103.67	-103.25	-99.70	-93.12	-83.70
XBADJ	EG05	-71.75	-66.52	-64.04	-59.61	-53.38	-45.52
XBADJ	EG05	-36.28	-25.94	-14.80	-3.22	-17.43	-53.68
XBADJ	EG05	-88.30	-120.24	-148.52	-172.29	-190.83	-203.57
XBADJ	EG05	-210.12	-219.42	-225.33	-224.39	-216.63	-202.29
XBADJ	EG05	-181.80	-155.79	-125.05	-90.50	-86.44	-95.13

XBADJ	EG06	-106.38	-110.99	-112.23	-110.06	-104.54	-95.84
XBADJ	EG06	-84.24	-78.98	-76.09	-70.89	-63.54	-54.25
XBADJ	EG06	-43.32	-31.07	-17.88	-4.14	-16.16	-50.27
XBADJ	EG06	-82.85	-112.91	-139.55	-161.94	-179.41	-191.43
XBADJ	EG06	-197.63	-206.96	-213.28	-213.12	-206.47	-193.56
XBADJ	EG06	-174.77	-150.66	-121.98	-89.59	-87.70	-98.54
XBADJ	EG07	-109.02	-114.51	-116.52	-114.99	-109.96	-101.60
XBADJ	EG07	-90.14	-84.85	-81.76	-76.18	-68.29	-58.32
XBADJ	EG07	-46.58	-33.43	-19.26	-4.50	-15.49	-48.59
XBADJ	EG07	-80.21	-109.40	-135.26	-157.01	-173.99	-185.68
XBADJ	EG07	-191.73	-201.09	-207.61	-207.82	-201.72	-189.49
XBADJ	EG07	-171.50	-148.30	-120.60	-89.23	-88.37	-100.22
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73
XBADJ	EG08	-53.34	-38.33	-22.16	-5.31	-14.19	-45.21
XBADJ	EG08	-74.86	-102.23	-126.50	-146.92	-162.88	-173.89
XBADJ	EG08	-179.62	-189.02	-195.95	-196.93	-191.92	-181.08
XBADJ	EG08	-164.74	-143.40	-117.69	-88.42	-89.68	-103.60
XBADJ	EG09	-116.31	-124.39	-128.69	-129.09	-125.56	-118.21
XBADJ	EG09	-107.28	-101.99	-98.37	-91.76	-82.37	-70.47
XBADJ	EG09	-56.43	-40.68	-23.69	-5.98	-13.97	-44.12
XBADJ	EG09	-72.92	-99.51	-123.08	-142.90	-158.39	-169.06
XBADJ	EG09	-174.59	-183.96	-191.00	-192.24	-187.64	-177.34
XBADJ	EG09	-161.65	-141.05	-116.16	-87.75	-89.89	-104.69
XBADJ	EG10	-121.58	-131.77	-137.96	-139.95	-137.69	-131.25
XBADJ	EG10	-120.82	-115.62	-111.68	-104.35	-93.85	-80.49
XBADJ	EG10	-64.69	-46.93	-27.74	-7.70	-13.32	-41.11
XBADJ	EG10	-67.65	-92.13	-113.82	-132.04	-146.26	-156.03
XBADJ	EG10	-161.06	-170.32	-177.69	-179.66	-176.16	-167.32
XBADJ	EG10	-153.39	-134.80	-112.11	-86.02	-90.54	-107.70
XBADJ	EG11	-124.91	-136.08	-143.11	-145.80	-144.05	-137.93
XBADJ	EG11	-127.62	-122.33	-118.10	-110.28	-99.11	-84.93
XBADJ	EG11	-68.17	-49.33	-29.00	-7.79	-12.22	-38.86
XBADJ	EG11	-64.32	-87.82	-108.66	-126.19	-139.89	-149.34
XBADJ	EG11	-154.25	-163.61	-171.27	-173.72	-170.90	-162.88
XBADJ	EG11	-149.92	-132.40	-110.85	-85.94	-91.65	-109.95
XBADJ	EG12	-130.10	-142.97	-151.50	-155.43	-154.64	-149.14
XBADJ	EG12	-139.12	-133.77	-129.13	-120.57	-108.34	-92.82
XBADJ	EG12	-74.48	-53.88	-31.64	-8.44	-10.87	-35.54
XBADJ	EG12	-59.13	-80.93	-100.27	-116.56	-129.31	-138.13
XBADJ	EG12	-142.75	-152.17	-160.24	-163.44	-161.67	-154.99
XBADJ	EG12	-143.60	-127.85	-108.21	-85.29	-93.00	-113.27

XBADJ	EG13	-132.60	-146.47	-155.89	-160.57	-160.38	-155.31
XBADJ	EG13	-145.52	-140.21	-135.42	-126.51	-113.76	-97.55
XBADJ	EG13	-78.38	-56.83	-33.55	-9.25	-10.55	-34.11
XBADJ	EG13	-56.63	-77.44	-95.89	-111.42	-123.57	-131.97
XBADJ	EG13	-136.35	-145.73	-153.95	-157.49	-156.25	-150.26
XBADJ	EG13	-139.70	-124.90	-106.31	-84.48	-93.32	-114.70
XBADJ	EG14	-137.69	-153.42	-164.49	-170.57	-171.46	-167.14
XBADJ	EG14	-157.74	-152.46	-147.31	-137.69	-123.88	-106.31
XBADJ	EG14	-85.51	-62.12	-36.83	-10.43	-9.59	-31.04
XBADJ	EG14	-51.55	-70.48	-87.28	-101.43	-112.49	-120.14
XBADJ	EG14	-124.13	-133.49	-142.06	-146.32	-146.13	-141.50
XBADJ	EG14	-132.57	-119.61	-103.02	-83.30	-94.27	-117.77
XBADJ	EG15	-140.27	-156.96	-168.87	-175.66	-177.11	-173.18
XBADJ	EG15	-163.98	-158.71	-153.39	-143.41	-129.07	-110.80
XBADJ	EG15	-89.18	-64.84	-38.53	-11.05	-9.12	-29.49
XBADJ	EG15	-48.96	-66.95	-82.90	-96.33	-106.84	-114.10
XBADJ	EG15	-117.89	-127.23	-135.98	-140.60	-140.94	-137.01
XBADJ	EG15	-128.91	-116.89	-101.32	-82.68	-94.75	-119.32
XBADJ	EG16	-145.68	-164.14	-177.60	-185.67	-188.10	-184.82
XBADJ	EG16	-175.92	-170.57	-164.82	-154.06	-138.62	-118.96
XBADJ	EG16	-95.69	-69.52	-41.23	-11.69	-7.68	-26.01
XBADJ	EG16	-43.55	-59.77	-74.17	-86.32	-95.84	-102.46
XBADJ	EG16	-105.96	-115.37	-124.55	-129.95	-131.39	-128.85
XBADJ	EG16	-122.39	-112.21	-98.62	-82.04	-96.19	-122.80
XBADJ	EG17	-147.90	-167.42	-181.85	-190.76	-193.87	-191.09
XBADJ	EG17	-182.50	-177.27	-171.43	-160.38	-144.46	-124.14
XBADJ	EG17	-100.06	-72.93	-43.59	-12.93	-7.75	-24.92
XBADJ	EG17	-41.33	-56.48	-69.92	-81.23	-90.08	-96.19
XBADJ	EG17	-99.37	-108.67	-117.94	-123.63	-125.55	-123.67
XBADJ	EG17	-118.03	-108.80	-96.26	-80.80	-96.11	-123.89
XBADJ	EG18	-153.56	-174.83	-190.80	-200.96	-205.02	-202.85
XBADJ	EG18	-194.52	-189.18	-182.86	-170.99	-153.92	-132.18
XBADJ	EG18	-106.42	-77.42	-46.08	-13.33	-6.06	-21.19
XBADJ	EG18	-35.67	-49.07	-60.98	-71.03	-78.93	-84.42
XBADJ	EG18	-87.36	-96.77	-106.51	-113.02	-116.09	-115.64
XBADJ	EG18	-111.67	-104.31	-93.78	-80.40	-97.80	-127.62
XBADJ	EG19	-156.16	-178.40	-195.21	-206.10	-210.72	-208.94
XBADJ	EG19	-200.81	-195.48	-188.99	-176.75	-159.15	-136.71
XBADJ	EG19	-110.11	-80.17	-47.79	-13.96	-5.59	-19.63
XBADJ	EG19	-33.07	-45.51	-56.56	-65.89	-73.23	-78.33
XBADJ	EG19	-81.06	-90.46	-100.38	-107.25	-110.86	-111.11
XBADJ	EG19	-107.97	-101.56	-92.06	-79.77	-98.27	-129.18
XBADJ	EG20	-161.29	-185.37	-203.81	-216.07	-221.76	-220.71

XBADJ	EG20	-212.95	-207.63	-200.77	-187.81	-169.15	-145.34
XBADJ	EG20	-117.12	-85.34	-50.97	-15.05	-4.56	-16.50
XBADJ	EG20	-27.94	-38.54	-47.96	-55.93	-62.19	-66.57
XBADJ	EG20	-68.92	-78.31	-88.60	-96.19	-100.86	-102.47
XBADJ	EG20	-100.96	-96.39	-88.88	-78.68	-99.31	-132.31
XBADJ	EG21	-163.97	-188.96	-208.22	-221.15	-227.36	-226.66
XBADJ	EG21	-219.07	-213.73	-206.67	-193.33	-174.12	-149.61
XBADJ	EG21	-120.56	-87.85	-52.46	-15.49	-3.93	-14.82
XBADJ	EG21	-25.26	-34.94	-43.55	-50.85	-56.59	-60.62
XBADJ	EG21	-62.80	-72.21	-82.70	-90.67	-95.89	-98.20
XBADJ	EG21	-97.52	-93.88	-87.39	-78.24	-99.94	-133.99
XBADJ	EG22	-168.60	-195.44	-216.34	-230.67	-237.99	-238.08
XBADJ	EG22	-230.93	-225.67	-218.33	-204.35	-184.17	-158.38
XBADJ	EG22	-127.79	-93.31	-56.00	-16.99	-3.34	-12.17
XBADJ	EG22	-20.63	-28.46	-35.43	-41.32	-45.96	-49.20
XBADJ	EG22	-50.94	-60.27	-71.04	-79.65	-85.84	-89.43
XBADJ	EG22	-90.29	-88.42	-83.85	-76.74	-100.53	-136.64
XBADJ	EG23	-171.84	-199.65	-221.40	-236.43	-244.27	-244.68
XBADJ	EG23	-237.67	-232.33	-224.71	-210.26	-189.42	-162.83
XBADJ	EG23	-131.29	-95.76	-57.32	-17.14	-2.32	-10.01
XBADJ	EG23	-17.39	-24.25	-30.37	-35.57	-39.68	-42.59
XBADJ	EG23	-44.21	-53.61	-64.66	-73.74	-80.59	-84.98
XBADJ	EG23	-86.79	-85.97	-82.53	-76.59	-101.55	-138.80
XBADJ	EG24	-176.77	-206.48	-229.92	-246.37	-255.33	-256.54
XBADJ	EG24	-249.95	-244.67	-236.73	-221.60	-199.73	-171.79
XBADJ	EG24	-138.64	-101.27	-60.83	-18.53	-1.56	-7.12
XBADJ	EG24	-12.46	-17.42	-21.86	-25.62	-28.62	-30.74
XBADJ	EG24	-31.92	-41.27	-52.64	-62.41	-70.28	-76.02
XBADJ	EG24	-79.44	-80.46	-79.03	-75.19	-102.30	-141.69
YBADJ	EG01	-116.27	-112.33	-104.97	-94.42	-81.00	-65.12
YBADJ	EG01	-47.27	-31.64	-11.46	9.06	29.31	48.68
YBADJ	EG01	66.56	82.42	95.77	106.22	113.55	116.68
YBADJ	EG01	116.27	112.33	104.97	94.42	81.00	65.12
YBADJ	EG01	47.27	31.64	11.46	-9.06	-29.31	-48.68
YBADJ	EG01	-66.56	-82.42	-95.77	-106.22	-113.55	-116.69
YBADJ	EG02	-105.35	-102.49	-96.52	-87.62	-76.05	-62.18
YBADJ	EG02	-46.41	-32.91	-14.80	3.75	22.18	39.94
YBADJ	EG02	56.49	71.32	83.99	94.10	101.47	105.01
YBADJ	EG02	105.35	102.49	96.52	87.62	76.05	62.18
YBADJ	EG02	46.41	32.91	14.80	-3.75	-22.18	-39.94
YBADJ	EG02	-56.49	-71.32	-83.99	-94.10	-101.47	-105.01
YBADJ	EG03	-98.83	-96.49	-91.21	-83.16	-72.58	-59.80
YBADJ	EG03	-45.20	-32.90	-16.00	1.38	18.72	35.49

YBADJ	EG03	51.18	65.32	77.47	87.27	94.54	98.18
YBADJ	EG03	98.83	96.49	91.21	83.16	72.58	59.80
YBADJ	EG03	45.20	32.90	16.00	-1.38	-18.72	-35.49
YBADJ	EG03	-51.18	-65.32	-77.47	-87.27	-94.54	-98.18
YBADJ	EG04	-88.14	-86.87	-82.96	-76.53	-67.77	-56.96
YBADJ	EG04	-44.41	-34.18	-19.32	-3.88	11.69	26.89
YBADJ	EG04	41.29	54.42	65.91	75.39	82.69	86.74
YBADJ	EG04	88.14	86.87	82.96	76.53	67.77	56.96
YBADJ	EG04	44.41	34.18	19.32	3.88	-11.69	-26.89
YBADJ	EG04	-41.29	-54.42	-65.91	-75.39	-82.69	-86.74
YBADJ	EG05	-82.39	-81.63	-78.39	-72.76	-64.93	-55.12
YBADJ	EG05	-43.64	-34.51	-20.72	-6.32	8.29	22.64
YBADJ	EG05	36.30	48.86	59.93	69.19	76.45	80.65
YBADJ	EG05	82.39	81.63	78.39	72.76	64.93	55.12
YBADJ	EG05	43.64	34.51	20.72	6.32	-8.29	-22.64
YBADJ	EG05	-36.30	-48.86	-59.93	-69.19	-76.45	-80.65
YBADJ	EG06	-71.11	-71.47	-69.65	-65.72	-59.80	-52.05
YBADJ	EG06	-42.72	-35.77	-24.13	-11.77	0.96	13.66
YBADJ	EG06	25.94	37.44	47.79	56.70	63.99	68.60
YBADJ	EG06	71.11	71.47	69.65	65.72	59.80	52.05
YBADJ	EG06	42.72	35.77	24.13	11.77	-0.96	-13.66
YBADJ	EG06	-25.94	-37.44	-47.79	-56.70	-63.99	-68.60
YBADJ	EG07	-65.82	-66.72	-65.58	-62.46	-57.44	-50.67
YBADJ	EG07	-42.36	-36.44	-25.81	-14.40	-2.56	9.37
YBADJ	EG07	21.01	32.01	42.04	50.79	58.12	62.93
YBADJ	EG07	65.82	66.72	65.58	62.46	57.44	50.67
YBADJ	EG07	42.36	36.44	25.81	14.40	2.56	-9.37
YBADJ	EG07	-21.01	-32.01	-42.04	-50.79	-58.12	-62.93
YBADJ	EG08	-54.92	-56.92	-57.18	-55.70	-52.53	-47.77
YBADJ	EG08	-41.55	-37.74	-29.19	-19.76	-9.72	0.61
YBADJ	EG08	10.93	20.91	30.25	38.68	46.05	51.27
YBADJ	EG08	54.92	56.92	57.18	55.70	52.53	47.77
YBADJ	EG08	41.55	37.74	29.19	19.76	9.72	-0.61
YBADJ	EG08	-10.93	-20.91	-30.25	-38.68	-46.05	-51.27
YBADJ	EG09	-50.24	-52.64	-53.43	-52.61	-50.19	-46.24
YBADJ	EG09	-40.88	-37.96	-30.28	-21.69	-12.44	-2.81
YBADJ	EG09	6.91	16.41	25.42	33.66	40.98	46.32
YBADJ	EG09	50.24	52.64	53.43	52.61	50.19	46.24
YBADJ	EG09	40.88	37.96	30.28	21.69	12.44	2.81
YBADJ	EG09	-6.91	-16.41	-25.42	-33.66	-40.98	-46.32
YBADJ	EG10	-37.65	-41.16	-43.41	-44.35	-43.94	-42.19
YBADJ	EG10	-39.16	-38.61	-33.29	-26.97	-19.82	-12.07
YBADJ	EG10	-3.95	4.28	12.39	20.12	27.35	33.01

YBADJ	EG10	37.65	41.16	43.41	44.35	43.94	42.19
YBADJ	EG10	39.16	38.61	33.29	26.97	19.82	12.07
YBADJ	EG10	3.95	-4.28	-12.39	-20.12	-27.35	-33.01
YBADJ	EG11	-31.72	-35.90	-38.98	-40.88	-41.53	-40.93
YBADJ	EG11	-39.08	-39.71	-35.54	-30.30	-24.13	-17.23
YBADJ	EG11	-9.80	-2.08	5.71	13.32	20.64	26.59
YBADJ	EG11	31.72	35.90	38.98	40.88	41.53	40.93
YBADJ	EG11	39.08	39.71	35.54	30.30	24.13	17.23
YBADJ	EG11	9.80	2.08	-5.71	-13.32	-20.64	-26.59
YBADJ	EG12	-21.44	-26.67	-31.09	-34.56	-36.99	-38.29
YBADJ	EG12	-38.43	-41.07	-38.86	-35.48	-31.02	-25.62
YBADJ	EG12	-19.44	-12.66	-5.51	1.82	9.20	15.56
YBADJ	EG12	21.44	26.67	31.09	34.56	36.99	38.29
YBADJ	EG12	38.43	41.07	38.86	35.48	31.02	25.62
YBADJ	EG12	19.44	12.66	5.51	-1.82	-9.20	-15.56
YBADJ	EG13	-15.49	-21.24	-26.35	-30.66	-34.04	-36.38
YBADJ	EG13	-37.62	-41.38	-40.30	-37.98	-34.52	-30.00
YBADJ	EG13	-24.57	-18.40	-11.67	-4.58	2.76	9.27
YBADJ	EG13	15.49	21.24	26.35	30.66	34.04	36.38
YBADJ	EG13	37.62	41.38	40.29	37.98	34.52	30.00
YBADJ	EG13	24.57	18.40	11.67	4.58	-2.76	-9.27
YBADJ	EG14	-4.31	-11.12	-17.59	-23.53	-28.75	-33.09
YBADJ	EG14	-36.44	-42.34	-43.37	-43.07	-41.47	-38.61
YBADJ	EG14	-34.57	-29.48	-23.50	-16.81	-9.48	-2.62
YBADJ	EG14	4.31	11.12	17.59	23.53	28.75	33.09
YBADJ	EG14	36.44	42.34	43.37	43.07	41.47	38.61
YBADJ	EG14	34.57	29.48	23.50	16.81	9.48	2.62
YBADJ	EG15	1.40	-5.94	-13.10	-19.87	-26.03	-31.40
YBADJ	EG15	-35.81	-42.81	-44.92	-45.65	-45.00	-42.99
YBADJ	EG15	-39.66	-35.14	-29.54	-23.05	-15.74	-8.70
YBADJ	EG15	-1.40	5.94	13.10	19.87	26.03	31.40
YBADJ	EG15	35.81	42.81	44.92	45.65	45.00	42.99
YBADJ	EG15	39.66	35.14	29.54	23.05	15.74	8.70
YBADJ	EG16	12.06	3.61	-4.94	-13.35	-21.35	-28.70
YBADJ	EG16	-35.17	-44.25	-48.40	-51.07	-52.18	-51.72
YBADJ	EG16	-49.68	-46.13	-41.18	-34.98	-27.60	-20.13
YBADJ	EG16	-12.06	-3.61	4.94	13.35	21.35	28.70
YBADJ	EG16	35.17	44.25	48.40	51.07	52.18	51.72
YBADJ	EG16	49.68	46.13	41.18	34.98	27.60	20.13
YBADJ	EG17	18.38	9.45	0.24	-8.98	-17.93	-26.33
YBADJ	EG17	-33.94	-44.18	-49.49	-53.29	-55.47	-55.97
YBADJ	EG17	-54.76	-51.89	-47.45	-41.56	-34.30	-26.74
YBADJ	EG17	-18.38	-9.45	-0.24	8.98	17.93	26.33

YBADJ	EG17	33.94	44.18	49.49	53.29	55.47	55.97
YBADJ	EG17	54.76	51.89	47.45	41.56	34.30	26.74
YBADJ	EG18	28.99	18.92	8.27	-2.63	-13.44	-23.85
YBADJ	EG18	-33.53	-45.87	-53.22	-58.94	-62.88	-64.91
YBADJ	EG18	-64.97	-63.05	-59.21	-53.58	-46.20	-38.17
YBADJ	EG18	-28.99	-18.92	-8.27	2.63	13.44	23.85
YBADJ	EG18	33.53	45.87	53.22	58.94	62.88	64.91
YBADJ	EG18	64.97	63.05	59.21	53.58	46.20	38.17
YBADJ	EG19	34.75	24.14	12.80	1.07	-10.70	-22.14
YBADJ	EG19	-32.90	-46.34	-54.78	-61.55	-66.45	-69.33
YBADJ	EG19	-70.10	-68.75	-65.30	-59.87	-52.51	-44.30
YBADJ	EG19	-34.75	-24.14	-12.80	-1.07	10.70	22.14
YBADJ	EG19	32.90	46.34	54.78	61.55	66.45	69.33
YBADJ	EG19	70.10	68.75	65.30	59.87	52.51	44.30
YBADJ	EG20	45.81	34.14	21.44	8.08	-5.52	-18.96
YBADJ	EG20	-31.81	-47.38	-57.91	-66.67	-73.42	-77.93
YBADJ	EG20	-80.07	-79.78	-77.07	-72.01	-64.66	-56.08
YBADJ	EG20	-45.81	-34.14	-21.44	-8.08	5.52	18.96
YBADJ	EG20	31.81	47.38	57.91	66.67	73.42	77.93
YBADJ	EG20	80.07	79.78	77.07	72.01	64.66	56.08
YBADJ	EG21	51.33	39.11	25.71	11.52	-3.02	-17.46
YBADJ	EG21	-31.38	-48.01	-59.59	-69.35	-77.01	-82.33
YBADJ	EG21	-85.15	-85.38	-83.02	-78.13	-70.76	-61.98
YBADJ	EG21	-51.33	-39.11	-25.71	-11.52	3.02	17.46
YBADJ	EG21	31.38	48.01	59.59	69.35	77.01	82.33
YBADJ	EG21	85.15	85.38	83.02	78.13	70.76	61.98
YBADJ	EG22	62.35	49.16	34.48	18.75	2.45	-13.93
YBADJ	EG22	-29.88	-48.59	-62.24	-73.99	-83.49	-90.46
YBADJ	EG22	-94.68	-96.02	-94.44	-90.00	-82.70	-73.64
YBADJ	EG22	-62.35	-49.16	-34.48	-18.75	-2.45	13.93
YBADJ	EG22	29.88	48.59	62.24	73.99	83.49	90.46
YBADJ	EG22	94.68	96.02	94.44	90.00	82.70	73.64
YBADJ	EG23	68.26	54.42	38.92	22.25	4.89	-12.61
YBADJ	EG23	-29.73	-49.61	-64.40	-77.22	-87.70	-95.52
YBADJ	EG23	-100.43	-102.29	-101.05	-96.73	-89.36	-80.02
YBADJ	EG23	-68.26	-54.42	-38.92	-22.25	-4.89	12.61
YBADJ	EG23	29.73	49.61	64.40	77.22	87.70	95.52
YBADJ	EG23	100.43	102.29	101.05	96.73	89.36	80.02
YBADJ	EG24	79.59	64.72	47.89	29.60	10.41	-9.10
YBADJ	EG24	-28.33	-50.37	-67.29	-82.16	-94.53	-104.03
YBADJ	EG24	-110.37	-113.36	-112.90	-109.01	-101.70	-92.04
YBADJ	EG24	-79.59	-64.72	-47.89	-29.60	-10.41	9.10
YBADJ	EG24	28.33	50.37	67.29	82.16	94.53	104.03

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   YBADJ    EG24           110.37   113.36   112.90   109.01   101.70    92.04

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG02         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG02         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG03         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG03         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG04         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG04         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG05         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG05         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG06         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG06         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG07         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG07         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG09         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG09         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG10         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG10         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG11         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG11         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG12         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG12         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG13         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG13         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG14         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG14         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG15         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG15         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG16         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG16         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG17         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG17         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
```

```
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG18         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG18         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG19         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG19         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG20         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG20         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG21         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG21         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG22         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG22         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG23         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG23         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP Generato EG01 EG02 EG03 EG04 EG05 EG06 EG07 EG08 EG09 EG10 EG11
   SRCGROUP Generato EG12 EG13 EG14 EG15 EG16 EG17 EG18 EG19 EG20 EG21 EG22
   SRCGROUP Generato EG23 EG24
   SRCGROUP area     L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
   SRCGROUP area     L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
   SRCGROUP area     L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
   SRCGROUP area     L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
   SRCGROUP area     L0000025 L0000026 L0000027 L0000028 L0000029 L0000030
   SRCGROUP area     L0000031 L0000032 L0000033 L0000034 L0000035 L0000036
   SRCGROUP area     L0000037 L0000038 L0000039 L0000040 L0000041 L0000042
   SRCGROUP area     L0000043 L0000044 L0000045 L0000046 L0000047 L0000048
   SRCGROUP area     L0000049 L0000050 L0000051 L0000052 L0000053 L0000054
   SRCGROUP area     L0000055 L0000056 L0000057 L0000058 L0000059 L0000060
   SRCGROUP area     L0000061 L0000062 L0000063 L0000064 L0000065 L0000066
   SRCGROUP area     L0000067 L0000068 L0000069 L0000070 L0000071 L0000072
   SRCGROUP area     L0000073 L0000074 L0000075 L0000076 L0000077 L0000078
   SRCGROUP area     L0000079 L0000080 L0000081 L0000082 L0000083 L0000084
   SRCGROUP area     L0000085 L0000086 L0000087 L0000088 L0000089 L0000090
   SRCGROUP area     L0000091 L0000092 L0000093 L0000094 L0000095 L0000096
   SRCGROUP area     L0000097 L0000098 L0000099 L0000100 L0000101 L0000102
   SRCGROUP area     L0000103 L0000104 L0000105 L0000106 L0000107 L0000108
   SRCGROUP area     L0000109 L0000110 L0000111 L0000112 L0000113 L0000114
   SRCGROUP area     L0000115 L0000116 L0000117 L0000118 L0000119 L0000120
   SRCGROUP area     L0000121 L0000122 L0000123 L0000124 L0000125 L0000126
   SRCGROUP area     L0000127 L0000128 L0000129 L0000130 L0000131 L0000132
   SRCGROUP area     L0000133 L0000134 L0000135 L0000136 L0000137 L0000138
   SRCGROUP area     L0000139 L0000140 L0000141 L0000142 L0000143 L0000144
   SRCGROUP area     L0000145 L0000146 L0000147 L0000148 L0000149 L0000150
   SRCGROUP area     L0000151 L0000152 L0000153 L0000154 L0000155 L0000156
   SRCGROUP area     L0000157 L0000158 L0000159 L0000160 L0000161 L0000162
   SRCGROUP area     L0000163 L0000164 L0000165 L0000166 L0000167 L0000168
   SRCGROUP area     L0000169 L0000170 L0000171 L0000172 L0000173 L0000174
   SRCGROUP area     L0000175 L0000176 L0000177 L0000178 L0000179 L0000180
   SRCGROUP area     L0000181 L0000182 L0000183 L0000184 L0000185 L0000186
```

```
   SRCGROUP area     L0000187 L0000188 L0000189 L0000190 L0000191 L0000192
   SRCGROUP area     L0000193 L0000194 L0000195 L0000196 L0000197 L0000198
   SRCGROUP area     L0000199 L0000200 L0000201 L0000202 L0000203 L0000204
   SRCGROUP area     L0000205 L0000206 L0000207 L0000208 L0000209 L0000210
   SRCGROUP area     L0000211 L0000212 L0000213 L0000214 L0000215 L0000216
   SRCGROUP area     L0000217 L0000218 L0000219 L0000220 L0000221 L0000222
   SRCGROUP area     L0000223 L0000224 L0000225 L0000226 L0000227 L0000228
   SRCGROUP area     L0000229 L0000230 L0000231 L0000232 L0000233 L0000234
   SRCGROUP area     L0000235 L0000236 L0000237 L0000238 L0000239 L0000240
   SRCGROUP area     L0000241 L0000242 L0000243 L0000244 L0000245 L0000246
   SRCGROUP area     L0000247 L0000248 L0000249 L0000250 L0000251 L0000252
   SRCGROUP area     L0000253 L0000254 L0000255 L0000256 L0000257 L0000258
   SRCGROUP area     L0000259 L0000260 L0000261 L0000262 L0000263 L0000264
   SRCGROUP area     L0000265 L0000266 L0000267 L0000268 L0000269 L0000270
   SRCGROUP area     L0000271 L0000272 L0000273 L0000274 L0000275 L0000276
   SRCGROUP area     L0000277 L0000278 L0000279 L0000280 L0000281 L0000282
   SRCGROUP area     L0000283 L0000284 L0000285 L0000286 L0000287 L0000288
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Saturn_PM10.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
** Surface File Path: C:\Lakes\AERMOD View\Saturn_PM10\PICO_V9_ADJU\
   SURFFILE PICO_V9_ADJU\PICO_v9.SFC
** Profile File Path: C:\Lakes\AERMOD View\Saturn_PM10\PICO_V9_ADJU\
   PROFFILE PICO_V9_ADJU\PICO_v9.PFL
   SURFDATA 3166 2010 Pico
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
```

```
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 24 1ST 8TH
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "C:\Lakes\AERMOD
View\Saturn_PM10\SATURN_PM10.AD\24H1GALL.PLT" 31
   PLOTFILE 24 Generato 1ST "C:\Lakes\AERMOD
View\Saturn_PM10\SATURN_PM10.AD\24H1G001.PLT" 32
   PLOTFILE 24 area 1ST "C:\Lakes\AERMOD
View\Saturn_PM10\SATURN_PM10.AD\24H1G002.PLT" 33
   PLOTFILE 24 ALL 8TH "C:\Lakes\AERMOD
View\Saturn_PM10\SATURN_PM10.AD\24H8GALL.PLT" 34
   PLOTFILE 24 Generato 8TH "C:\Lakes\AERMOD
View\Saturn_PM10\SATURN_PM10.AD\24H8G001.PLT" 35
   PLOTFILE 24 area 8TH "C:\Lakes\AERMOD
View\Saturn_PM10\SATURN_PM10.AD\24H8G002.PLT" 36
   PLOTFILE ANNUAL ALL "C:\Lakes\AERMOD
View\Saturn_PM10\SATURN_PM10.AD\AN00GALL.PLT" 37
   PLOTFILE ANNUAL Generato "C:\Lakes\AERMOD
View\Saturn_PM10\SATURN_PM10.AD\AN00G001.PLT" 38
   PLOTFILE ANNUAL area "C:\Lakes\AERMOD
View\Saturn_PM10\SATURN_PM10.AD\AN00G002.PLT" 39
   SUMMFILE "C:\Lakes\AERMOD View\Saturn_PM10\Saturn_PM10.sum"
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
```

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 9/19/2025
** FILE: C:\LAKES\AERMOD VIEW\SATURN_PM10\SATURN_PM10.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\LAKES\AERMOD VIEW\SATURN DATA CENTER_CONS\SATURN DATA CENTER_CONS
   MODELOPT CONC
   AVERTIME 24 ANNUAL
   URBANOPT 9830000 LOS_ANGELES
   POLLUTID PM-10
   FLAGPOLE 2.00
   RUNORNOT RUN
   ERRORFIL SATURN_PM10.ERR
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
   LOCATION EG01         POINT      397047.306  3767179.215      112.471
** DESCRSRC EG01
   LOCATION EG02         POINT      397058.994  3767182.562      112.471
** DESCRSRC EG02
   LOCATION EG03         POINT      397065.817  3767183.756      112.471
** DESCRSRC EG03
   LOCATION EG04         POINT      397077.261  3767187.083      112.471
** DESCRSRC EG04
   LOCATION EG05         POINT      397083.355  3767188.485      112.471
** DESCRSRC EG05
   LOCATION EG06         POINT      397095.396  3767191.888      112.471
** DESCRSRC EG06
   LOCATION EG07         POINT      397101.071  3767193.568      112.471
```

```
** DESCRSRC EG07
   LOCATION EG08         POINT      397112.728  3767196.954      112.471
** DESCRSRC EG08
   LOCATION EG09         POINT      397117.682  3767198.038      112.471
** DESCRSRC EG09
   LOCATION EG10         POINT      397130.989  3767201.046      112.471
** DESCRSRC EG10
   LOCATION EG11         POINT      397137.409  3767203.301      112.471
** DESCRSRC EG11
   LOCATION EG12         POINT      397148.441  3767206.617      112.471
** DESCRSRC EG12
   LOCATION EG13         POINT      397154.731  3767208.051      112.471
** DESCRSRC EG13
   LOCATION EG14         POINT      397166.615  3767211.117      112.471
** DESCRSRC EG14
   LOCATION EG15         POINT      397172.700  3767212.670      112.471
** DESCRSRC EG15
   LOCATION EG16         POINT      397184.130  3767216.150      112.471
** DESCRSRC EG16
   LOCATION EG17         POINT      397190.740  3767217.240      112.471
** DESCRSRC EG17
   LOCATION EG18         POINT      397202.170  3767220.970      112.471
** DESCRSRC EG18
   LOCATION EG19         POINT      397208.300  3767222.530      112.471
** DESCRSRC EG19
   LOCATION EG20         POINT      397220.080  3767225.660      112.471
** DESCRSRC EG20
   LOCATION EG21         POINT      397225.980  3767227.340      112.471
** DESCRSRC EG21
   LOCATION EG22         POINT      397237.640  3767229.990      112.471
** DESCRSRC EG22
   LOCATION EG23         POINT      397244.020  3767232.150      112.471
** DESCRSRC EG23
   LOCATION EG24         POINT      397256.040  3767235.040      112.471
** DESCRSRC EG24
** --------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 9.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 10.20
** SZINIT = 4.74
** NODES = 36
** 397021.700, 3767091.630, 113.00, 5.10, 4.19
** 396948.070, 3767160.170, 113.00, 5.10, 4.19
** 396963.820, 3767177.650, 113.00, 5.10, 4.19
** 397043.760, 3767097.460, 113.00, 5.10, 4.19
```

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** 397056.240, 3767105.780, 113.00, 5.10, 4.19
** 396975.980, 3767189.760, 113.00, 5.10, 4.19
** 396991.320, 3767203.160, 113.00, 5.10, 4.19
** 397077.470, 3767110.360, 113.00, 5.10, 4.19
** 397097.860, 3767115.350, 113.00, 5.10, 4.19
** 397005.060, 3767214.820, 113.00, 5.10, 4.19
** 397023.370, 3767223.550, 113.00, 5.10, 4.19
** 397115.750, 3767122.840, 113.00, 5.10, 4.19
** 397135.310, 3767127.840, 113.00, 5.10, 4.19
** 397047.660, 3767221.200, 113.00, 5.10, 4.19
** 397070.390, 3767227.910, 113.00, 5.10, 4.19
** 397149.880, 3767133.660, 113.00, 5.10, 4.19
** 397166.940, 3767137.830, 113.00, 5.10, 4.19
** 397089.370, 3767230.480, 113.00, 5.10, 4.19
** 397113.910, 3767235.950, 113.00, 5.10, 4.19
** 397181.920, 3767144.070, 113.00, 5.10, 4.19
** 397201.900, 3767147.810, 113.00, 5.10, 4.19
** 397126.690, 3767240.880, 113.00, 5.10, 4.19
** 397136.380, 3767248.250, 113.00, 5.10, 4.19
** 397138.940, 3767258.350, 113.00, 5.10, 4.19
** 397217.710, 3767153.640, 113.00, 5.10, 4.19
** 397240.180, 3767158.630, 113.00, 5.10, 4.19
** 397150.180, 3767263.940, 113.00, 5.10, 4.19
** 397165.830, 3767279.730, 113.00, 5.10, 4.19
** 397260.990, 3767158.220, 113.00, 5.10, 4.19
** 397280.550, 3767164.040, 113.00, 5.10, 4.19
** 397174.020, 3767288.680, 113.00, 5.10, 4.19
** 397189.460, 3767297.190, 113.00, 5.10, 4.19
** 397198.980, 3767300.960, 113.00, 5.10, 4.19
** 397303.710, 3767164.620, 113.00, 5.10, 4.19
** 397322.670, 3767169.450, 113.00, 5.10, 4.19
** 397227.440, 3767294.300, 113.00, 5.10, 4.19
** ------------------------------------------------------------------
   LOCATION L0000001     VOLUME   397018.406 3767094.696 113.00
   LOCATION L0000002     VOLUME   397011.819 3767100.828 113.00
   LOCATION L0000003     VOLUME   397005.231 3767106.960 113.00
   LOCATION L0000004     VOLUME   396998.643 3767113.093 113.00
   LOCATION L0000005     VOLUME   396992.056 3767119.225 113.00
   LOCATION L0000006     VOLUME   396985.468 3767125.357 113.00
   LOCATION L0000007     VOLUME   396978.881 3767131.489 113.00
   LOCATION L0000008     VOLUME   396972.293 3767137.621 113.00
   LOCATION L0000009     VOLUME   396965.706 3767143.754 113.00
   LOCATION L0000010     VOLUME   396959.118 3767149.886 113.00
   LOCATION L0000011     VOLUME   396952.530 3767156.018 113.00
   LOCATION L0000012     VOLUME   396950.015 3767162.329 113.00
   LOCATION L0000013     VOLUME   396956.040 3767169.015 113.00
   LOCATION L0000014     VOLUME   396962.064 3767175.702 113.00
   LOCATION L0000015     VOLUME   396968.322 3767173.134 113.00
   LOCATION L0000016     VOLUME   396974.676 3767166.760 113.00
   LOCATION L0000017     VOLUME   396981.030 3767160.386 113.00
```

```
LOCATION L0000018     VOLUME   396987.384 3767154.012 113.00
LOCATION L0000019     VOLUME   396993.738 3767147.638 113.00
LOCATION L0000020     VOLUME   397000.092 3767141.264 113.00
LOCATION L0000021     VOLUME   397006.446 3767134.890 113.00
LOCATION L0000022     VOLUME   397012.800 3767128.516 113.00
LOCATION L0000023     VOLUME   397019.154 3767122.142 113.00
LOCATION L0000024     VOLUME   397025.509 3767115.769 113.00
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** SOURCE PARAMETERS **
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   SRCPARAM EG02            0.0073    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG03            0.0073    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG04            0.0073    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG05            0.0073    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG06            0.0073    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG07            0.0073    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG08            0.0073    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG09            0.0073    14.326   756.483 32.6741244228888      0.61
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   SRCPARAM EG11            0.0073    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG12            0.0073    14.326   756.483 32.6741244228888      0.61
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   SRCPARAM EG14            0.0073    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG15            0.0073    14.326   756.483 32.6741244228888      0.61
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   SRCPARAM EG19            0.0073    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG20            0.0073    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG21            0.0073    14.326   756.483 32.6741244228888      0.61
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   SRCPARAM EG23            0.0073    14.326   756.483 32.6741244228888      0.61
   SRCPARAM EG24            0.0073    14.326   756.483 32.6741244228888      0.61
** LINE VOLUME SOURCE ID = SLINE1
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   SRCPARAM L0000002     0.0034722222      5.10      4.19      4.74
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** BUILDING DOWNWASH **
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   BUILDHGT EG02            12.80    12.80    12.80    12.80    12.80    12.80
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BUILDHGT EG03	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG03	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG03	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG03	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG04	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG04	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG04	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG04	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG04	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG04	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG05	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG05	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG05	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG05	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG05	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG05	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG06	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG07	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG08	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT EG09	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG10	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG11	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG12	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG14	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
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BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG15	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG16	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG17	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG18	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG19	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG20	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG21	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG22	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG23	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT EG24	12.80	12.80	12.80	12.80	12.80	12.80
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG01	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG01	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG01	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG02	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG02	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG02	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG03	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG03	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG03	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG04	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG04	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG04	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG05	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG05	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG05	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG06	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG06	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG06	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85

BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG07	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG07	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG07	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG08	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG08	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG08	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG09	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG09	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG09	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG10	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG10	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG10	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG11	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG11	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG11	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG12	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG12	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG12	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG13	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG13	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG13	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77

BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG14	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG14	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG14	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG15	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG15	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG15	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG16	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG16	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG16	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG17	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG17	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG17	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG18	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG18	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG18	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG19	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG19	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG19	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG20	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG20	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG20	271.99	283.95	287.27	281.87	285.94	289.37
BUILDWID EG21	284.00	270.01	247.81	218.08	181.73	139.85
BUILDWID EG21	93.73	103.87	148.81	189.23	223.90	251.77
BUILDWID EG21	271.99	283.95	287.27	281.87	285.94	289.37

BUILDWID EG21 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG21 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG21 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG22 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG22 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG22 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG22 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG22 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG22 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG23 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG23 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG23 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG23 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG23 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG23 271.99 283.95 287.27 281.87 285.94 289.37

BUILDWID EG24 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG24 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG24 271.99 283.95 287.27 281.87 285.94 289.37
BUILDWID EG24 284.00 270.01 247.81 218.08 181.73 139.85
BUILDWID EG24 93.73 103.87 148.81 189.23 223.90 251.77
BUILDWID EG24 271.99 283.95 287.27 281.87 285.94 289.37

BUILDLEN EG01 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG01 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG01 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG01 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG01 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG01 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG02 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG02 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG02 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG02 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG02 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG02 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG03 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG03 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG03 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG03 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG03 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG03 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG04 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG04 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG04 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG04 189.23 223.90 251.77 271.99 283.95 287.27

BUILDLEN EG04	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG04	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG05	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG05	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG05	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG06	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG06	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG06	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG07	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG07	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG07	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG08	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG08	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG08	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG09	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG09	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG09	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG10	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG10	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG10	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN EG11	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN EG11	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN EG11	281.87	285.94	289.37	284.00	270.01	247.81

BUILDLEN EG11 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG12 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG12 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG12 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG12 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG12 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG12 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG13 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG13 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG13 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG13 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG13 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG13 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG14 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG14 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG14 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG14 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG14 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG14 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG15 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG15 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG15 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG15 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG15 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG15 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG16 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG16 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG16 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG16 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG16 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG16 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG17 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG17 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG17 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG17 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG17 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG17 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN EG18 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG18 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG18 218.08 181.73 139.85 93.73 103.87 148.81
BUILDLEN EG18 189.23 223.90 251.77 271.99 283.95 287.27
BUILDLEN EG18 281.87 285.94 289.37 284.00 270.01 247.81
BUILDLEN EG18 218.08 181.73 139.85 93.73 103.87 148.81

BUILDLEN	EG19	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG19	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG19	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG19	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG20	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG20	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG20	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG21	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG21	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG21	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG22	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG22	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG22	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG23	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG23	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG23	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
BUILDLEN	EG24	189.23	223.90	251.77	271.99	283.95	287.27
BUILDLEN	EG24	281.87	285.94	289.37	284.00	270.01	247.81
BUILDLEN	EG24	218.08	181.73	139.85	93.73	103.87	148.81
XBADJ	EG01	-85.55	-82.64	-77.21	-69.44	-59.55	-47.86
XBADJ	EG01	-34.72	-29.42	-28.00	-25.73	-22.68	-18.94
XBADJ	EG01	-14.62	-9.86	-4.80	0.40	-20.29	-62.94
XBADJ	EG01	-103.68	-141.27	-174.56	-202.55	-224.39	-239.41
XBADJ	EG01	-247.16	-256.52	-261.37	-258.27	-247.33	-228.87
XBADJ	EG01	-203.46	-171.87	-135.05	-94.13	-83.58	-85.87

XBADJ	EG02	-90.87	-89.77	-85.94	-79.50	-70.65	-59.65
XBADJ	EG02	-46.83	-41.50	-39.68	-36.65	-32.51	-27.38
XBADJ	EG02	-21.42	-14.81	-7.75	-0.45	-19.03	-59.60
XBADJ	EG02	-98.36	-134.13	-165.83	-192.49	-213.30	-227.63
XBADJ	EG02	-235.04	-244.44	-249.69	-247.35	-237.50	-220.43
XBADJ	EG02	-196.66	-166.92	-132.10	-93.27	-84.84	-89.21
XBADJ	EG03	-93.24	-93.23	-90.40	-84.81	-76.65	-66.16
XBADJ	EG03	-53.66	-48.44	-46.51	-43.17	-38.52	-32.70
XBADJ	EG03	-25.88	-18.28	-10.13	-1.66	-19.03	-58.40
XBADJ	EG03	-95.99	-130.67	-161.38	-187.18	-207.29	-221.11
XBADJ	EG03	-228.21	-237.51	-242.86	-240.83	-231.49	-215.11
XBADJ	EG03	-192.20	-163.45	-129.73	-92.07	-84.83	-90.41
XBADJ	EG04	-98.49	-100.27	-98.99	-94.71	-87.55	-77.73
XBADJ	EG04	-65.55	-60.28	-57.95	-53.86	-48.13	-40.95
XBADJ	EG04	-32.51	-23.09	-12.97	-2.45	-17.75	-55.08
XBADJ	EG04	-90.74	-123.64	-152.78	-177.28	-196.40	-209.54
XBADJ	EG04	-216.32	-225.66	-231.42	-230.14	-221.88	-206.87
XBADJ	EG04	-185.57	-158.64	-126.88	-91.27	-86.12	-93.73
XBADJ	EG05	-100.93	-103.67	-103.25	-99.70	-93.12	-83.70
XBADJ	EG05	-71.75	-66.52	-64.04	-59.61	-53.38	-45.52
XBADJ	EG05	-36.28	-25.94	-14.80	-3.22	-17.43	-53.68
XBADJ	EG05	-88.30	-120.24	-148.52	-172.29	-190.83	-203.57
XBADJ	EG05	-210.12	-219.42	-225.33	-224.39	-216.63	-202.29
XBADJ	EG05	-181.80	-155.79	-125.05	-90.50	-86.44	-95.13
XBADJ	EG06	-106.38	-110.99	-112.23	-110.06	-104.54	-95.84
XBADJ	EG06	-84.24	-78.98	-76.09	-70.89	-63.54	-54.25
XBADJ	EG06	-43.32	-31.07	-17.88	-4.14	-16.16	-50.27
XBADJ	EG06	-82.85	-112.91	-139.55	-161.94	-179.41	-191.43
XBADJ	EG06	-197.63	-206.96	-213.28	-213.12	-206.47	-193.56
XBADJ	EG06	-174.77	-150.66	-121.98	-89.59	-87.70	-98.54
XBADJ	EG07	-109.02	-114.51	-116.52	-114.99	-109.96	-101.60
XBADJ	EG07	-90.14	-84.85	-81.76	-76.18	-68.29	-58.32
XBADJ	EG07	-46.58	-33.43	-19.26	-4.50	-15.49	-48.59
XBADJ	EG07	-80.21	-109.40	-135.26	-157.01	-173.99	-185.68
XBADJ	EG07	-191.73	-201.09	-207.61	-207.82	-201.72	-189.49
XBADJ	EG07	-171.50	-148.30	-120.60	-89.23	-88.37	-100.22
XBADJ	EG08	-114.37	-121.67	-125.28	-125.07	-121.07	-113.38
XBADJ	EG08	-102.25	-96.92	-93.42	-87.08	-78.09	-66.73
XBADJ	EG08	-53.34	-38.33	-22.16	-5.31	-14.19	-45.21
XBADJ	EG08	-74.86	-102.23	-126.50	-146.92	-162.88	-173.89
XBADJ	EG08	-179.62	-189.02	-195.95	-196.93	-191.92	-181.08
XBADJ	EG08	-164.74	-143.40	-117.69	-88.42	-89.68	-103.60
XBADJ	EG09	-116.31	-124.39	-128.69	-129.09	-125.56	-118.21

XBADJ	EG09	-107.28	-101.99	-98.37	-91.76	-82.37	-70.47
XBADJ	EG09	-56.43	-40.68	-23.69	-5.98	-13.97	-44.12
XBADJ	EG09	-72.92	-99.51	-123.08	-142.90	-158.39	-169.06
XBADJ	EG09	-174.59	-183.96	-191.00	-192.24	-187.64	-177.34
XBADJ	EG09	-161.65	-141.05	-116.16	-87.75	-89.89	-104.69
XBADJ	EG10	-121.58	-131.77	-137.96	-139.95	-137.69	-131.25
XBADJ	EG10	-120.82	-115.62	-111.68	-104.35	-93.85	-80.49
XBADJ	EG10	-64.69	-46.93	-27.74	-7.70	-13.32	-41.11
XBADJ	EG10	-67.65	-92.13	-113.82	-132.04	-146.26	-156.03
XBADJ	EG10	-161.06	-170.32	-177.69	-179.66	-176.16	-167.32
XBADJ	EG10	-153.39	-134.80	-112.11	-86.02	-90.54	-107.70
XBADJ	EG11	-124.91	-136.08	-143.11	-145.80	-144.05	-137.93
XBADJ	EG11	-127.62	-122.33	-118.10	-110.28	-99.11	-84.93
XBADJ	EG11	-68.17	-49.33	-29.00	-7.79	-12.22	-38.86
XBADJ	EG11	-64.32	-87.82	-108.66	-126.19	-139.89	-149.34
XBADJ	EG11	-154.25	-163.61	-171.27	-173.72	-170.90	-162.88
XBADJ	EG11	-149.92	-132.40	-110.85	-85.94	-91.65	-109.95
XBADJ	EG12	-130.10	-142.97	-151.50	-155.43	-154.64	-149.14
XBADJ	EG12	-139.12	-133.77	-129.13	-120.57	-108.34	-92.82
XBADJ	EG12	-74.48	-53.88	-31.64	-8.44	-10.87	-35.54
XBADJ	EG12	-59.13	-80.93	-100.27	-116.56	-129.31	-138.13
XBADJ	EG12	-142.75	-152.17	-160.24	-163.44	-161.67	-154.99
XBADJ	EG12	-143.60	-127.85	-108.21	-85.29	-93.00	-113.27
XBADJ	EG13	-132.60	-146.47	-155.89	-160.57	-160.38	-155.31
XBADJ	EG13	-145.52	-140.21	-135.42	-126.51	-113.76	-97.55
XBADJ	EG13	-78.38	-56.83	-33.55	-9.25	-10.55	-34.11
XBADJ	EG13	-56.63	-77.44	-95.89	-111.42	-123.57	-131.97
XBADJ	EG13	-136.35	-145.73	-153.95	-157.49	-156.25	-150.26
XBADJ	EG13	-139.70	-124.90	-106.31	-84.48	-93.32	-114.70
XBADJ	EG14	-137.69	-153.42	-164.49	-170.57	-171.46	-167.14
XBADJ	EG14	-157.74	-152.46	-147.31	-137.69	-123.88	-106.31
XBADJ	EG14	-85.51	-62.12	-36.83	-10.43	-9.59	-31.04
XBADJ	EG14	-51.55	-70.48	-87.28	-101.43	-112.49	-120.14
XBADJ	EG14	-124.13	-133.49	-142.06	-146.32	-146.13	-141.50
XBADJ	EG14	-132.57	-119.61	-103.02	-83.30	-94.27	-117.77
XBADJ	EG15	-140.27	-156.96	-168.87	-175.66	-177.11	-173.18
XBADJ	EG15	-163.98	-158.71	-153.39	-143.41	-129.07	-110.80
XBADJ	EG15	-89.18	-64.84	-38.53	-11.05	-9.12	-29.49
XBADJ	EG15	-48.96	-66.95	-82.90	-96.33	-106.84	-114.10
XBADJ	EG15	-117.89	-127.23	-135.98	-140.60	-140.94	-137.01
XBADJ	EG15	-128.91	-116.89	-101.32	-82.68	-94.75	-119.32
XBADJ	EG16	-145.68	-164.14	-177.60	-185.67	-188.10	-184.82
XBADJ	EG16	-175.92	-170.57	-164.82	-154.06	-138.62	-118.96

XBADJ	EG16	-95.69	-69.52	-41.23	-11.69	-7.68	-26.01
XBADJ	EG16	-43.55	-59.77	-74.17	-86.32	-95.84	-102.46
XBADJ	EG16	-105.96	-115.37	-124.55	-129.95	-131.39	-128.85
XBADJ	EG16	-122.39	-112.21	-98.62	-82.04	-96.19	-122.80
XBADJ	EG17	-147.90	-167.42	-181.85	-190.76	-193.87	-191.09
XBADJ	EG17	-182.50	-177.27	-171.43	-160.38	-144.46	-124.14
XBADJ	EG17	-100.06	-72.93	-43.59	-12.93	-7.75	-24.92
XBADJ	EG17	-41.33	-56.48	-69.92	-81.23	-90.08	-96.19
XBADJ	EG17	-99.37	-108.67	-117.94	-123.63	-125.55	-123.67
XBADJ	EG17	-118.03	-108.80	-96.26	-80.80	-96.11	-123.89
XBADJ	EG18	-153.56	-174.83	-190.80	-200.96	-205.02	-202.85
XBADJ	EG18	-194.52	-189.18	-182.86	-170.99	-153.92	-132.18
XBADJ	EG18	-106.42	-77.42	-46.08	-13.33	-6.06	-21.19
XBADJ	EG18	-35.67	-49.07	-60.98	-71.03	-78.93	-84.42
XBADJ	EG18	-87.36	-96.77	-106.51	-113.02	-116.09	-115.64
XBADJ	EG18	-111.67	-104.31	-93.78	-80.40	-97.80	-127.62
XBADJ	EG19	-156.16	-178.40	-195.21	-206.10	-210.72	-208.94
XBADJ	EG19	-200.81	-195.48	-188.99	-176.75	-159.15	-136.71
XBADJ	EG19	-110.11	-80.17	-47.79	-13.96	-5.59	-19.63
XBADJ	EG19	-33.07	-45.51	-56.56	-65.89	-73.23	-78.33
XBADJ	EG19	-81.06	-90.46	-100.38	-107.25	-110.86	-111.11
XBADJ	EG19	-107.97	-101.56	-92.06	-79.77	-98.27	-129.18
XBADJ	EG20	-161.29	-185.37	-203.81	-216.07	-221.76	-220.71
XBADJ	EG20	-212.95	-207.63	-200.77	-187.81	-169.15	-145.34
XBADJ	EG20	-117.12	-85.34	-50.97	-15.05	-4.56	-16.50
XBADJ	EG20	-27.94	-38.54	-47.96	-55.93	-62.19	-66.57
XBADJ	EG20	-68.92	-78.31	-88.60	-96.19	-100.86	-102.47
XBADJ	EG20	-100.96	-96.39	-88.88	-78.68	-99.31	-132.31
XBADJ	EG21	-163.97	-188.96	-208.22	-221.15	-227.36	-226.66
XBADJ	EG21	-219.07	-213.73	-206.67	-193.33	-174.12	-149.61
XBADJ	EG21	-120.56	-87.85	-52.46	-15.49	-3.93	-14.82
XBADJ	EG21	-25.26	-34.94	-43.55	-50.85	-56.59	-60.62
XBADJ	EG21	-62.80	-72.21	-82.70	-90.67	-95.89	-98.20
XBADJ	EG21	-97.52	-93.88	-87.39	-78.24	-99.94	-133.99
XBADJ	EG22	-168.60	-195.44	-216.34	-230.67	-237.99	-238.08
XBADJ	EG22	-230.93	-225.67	-218.33	-204.35	-184.17	-158.38
XBADJ	EG22	-127.79	-93.31	-56.00	-16.99	-3.34	-12.17
XBADJ	EG22	-20.63	-28.46	-35.43	-41.32	-45.96	-49.20
XBADJ	EG22	-50.94	-60.27	-71.04	-79.65	-85.84	-89.43
XBADJ	EG22	-90.29	-88.42	-83.85	-76.74	-100.53	-136.64
XBADJ	EG23	-171.84	-199.65	-221.40	-236.43	-244.27	-244.68
XBADJ	EG23	-237.67	-232.33	-224.71	-210.26	-189.42	-162.83
XBADJ	EG23	-131.29	-95.76	-57.32	-17.14	-2.32	-10.01

XBADJ	EG23	-17.39	-24.25	-30.37	-35.57	-39.68	-42.59
XBADJ	EG23	-44.21	-53.61	-64.66	-73.74	-80.59	-84.98
XBADJ	EG23	-86.79	-85.97	-82.53	-76.59	-101.55	-138.80
XBADJ	EG24	-176.77	-206.48	-229.92	-246.37	-255.33	-256.54
XBADJ	EG24	-249.95	-244.67	-236.73	-221.60	-199.73	-171.79
XBADJ	EG24	-138.64	-101.27	-60.83	-18.53	-1.56	-7.12
XBADJ	EG24	-12.46	-17.42	-21.86	-25.62	-28.62	-30.74
XBADJ	EG24	-31.92	-41.27	-52.64	-62.41	-70.28	-76.02
XBADJ	EG24	-79.44	-80.46	-79.03	-75.19	-102.30	-141.69
YBADJ	EG01	-116.27	-112.33	-104.97	-94.42	-81.00	-65.12
YBADJ	EG01	-47.27	-31.64	-11.46	9.06	29.31	48.68
YBADJ	EG01	66.56	82.42	95.77	106.22	113.55	116.68
YBADJ	EG01	116.27	112.33	104.97	94.42	81.00	65.12
YBADJ	EG01	47.27	31.64	11.46	-9.06	-29.31	-48.68
YBADJ	EG01	-66.56	-82.42	-95.77	-106.22	-113.55	-116.69
YBADJ	EG02	-105.35	-102.49	-96.52	-87.62	-76.05	-62.18
YBADJ	EG02	-46.41	-32.91	-14.80	3.75	22.18	39.94
YBADJ	EG02	56.49	71.32	83.99	94.10	101.47	105.01
YBADJ	EG02	105.35	102.49	96.52	87.62	76.05	62.18
YBADJ	EG02	46.41	32.91	14.80	-3.75	-22.18	-39.94
YBADJ	EG02	-56.49	-71.32	-83.99	-94.10	-101.47	-105.01
YBADJ	EG03	-98.83	-96.49	-91.21	-83.16	-72.58	-59.80
YBADJ	EG03	-45.20	-32.90	-16.00	1.38	18.72	35.49
YBADJ	EG03	51.18	65.32	77.47	87.27	94.54	98.18
YBADJ	EG03	98.83	96.49	91.21	83.16	72.58	59.80
YBADJ	EG03	45.20	32.90	16.00	-1.38	-18.72	-35.49
YBADJ	EG03	-51.18	-65.32	-77.47	-87.27	-94.54	-98.18
YBADJ	EG04	-88.14	-86.87	-82.96	-76.53	-67.77	-56.96
YBADJ	EG04	-44.41	-34.18	-19.32	-3.88	11.69	26.89
YBADJ	EG04	41.29	54.42	65.91	75.39	82.69	86.74
YBADJ	EG04	88.14	86.87	82.96	76.53	67.77	56.96
YBADJ	EG04	44.41	34.18	19.32	3.88	-11.69	-26.89
YBADJ	EG04	-41.29	-54.42	-65.91	-75.39	-82.69	-86.74
YBADJ	EG05	-82.39	-81.63	-78.39	-72.76	-64.93	-55.12
YBADJ	EG05	-43.64	-34.51	-20.72	-6.32	8.29	22.64
YBADJ	EG05	36.30	48.86	59.93	69.19	76.45	80.65
YBADJ	EG05	82.39	81.63	78.39	72.76	64.93	55.12
YBADJ	EG05	43.64	34.51	20.72	6.32	-8.29	-22.64
YBADJ	EG05	-36.30	-48.86	-59.93	-69.19	-76.45	-80.65
YBADJ	EG06	-71.11	-71.47	-69.65	-65.72	-59.80	-52.05
YBADJ	EG06	-42.72	-35.77	-24.13	-11.77	0.96	13.66
YBADJ	EG06	25.94	37.44	47.79	56.70	63.99	68.60
YBADJ	EG06	71.11	71.47	69.65	65.72	59.80	52.05

YBADJ	EG06	42.72	35.77	24.13	11.77	-0.96	-13.66
YBADJ	EG06	-25.94	-37.44	-47.79	-56.70	-63.99	-68.60
YBADJ	EG07	-65.82	-66.72	-65.58	-62.46	-57.44	-50.67
YBADJ	EG07	-42.36	-36.44	-25.81	-14.40	-2.56	9.37
YBADJ	EG07	21.01	32.01	42.04	50.79	58.12	62.93
YBADJ	EG07	65.82	66.72	65.58	62.46	57.44	50.67
YBADJ	EG07	42.36	36.44	25.81	14.40	2.56	-9.37
YBADJ	EG07	-21.01	-32.01	-42.04	-50.79	-58.12	-62.93
YBADJ	EG08	-54.92	-56.92	-57.18	-55.70	-52.53	-47.77
YBADJ	EG08	-41.55	-37.74	-29.19	-19.76	-9.72	0.61
YBADJ	EG08	10.93	20.91	30.25	38.68	46.05	51.27
YBADJ	EG08	54.92	56.92	57.18	55.70	52.53	47.77
YBADJ	EG08	41.55	37.74	29.19	19.76	9.72	-0.61
YBADJ	EG08	-10.93	-20.91	-30.25	-38.68	-46.05	-51.27
YBADJ	EG09	-50.24	-52.64	-53.43	-52.61	-50.19	-46.24
YBADJ	EG09	-40.88	-37.96	-30.28	-21.69	-12.44	-2.81
YBADJ	EG09	6.91	16.41	25.42	33.66	40.98	46.32
YBADJ	EG09	50.24	52.64	53.43	52.61	50.19	46.24
YBADJ	EG09	40.88	37.96	30.28	21.69	12.44	2.81
YBADJ	EG09	-6.91	-16.41	-25.42	-33.66	-40.98	-46.32
YBADJ	EG10	-37.65	-41.16	-43.41	-44.35	-43.94	-42.19
YBADJ	EG10	-39.16	-38.61	-33.29	-26.97	-19.82	-12.07
YBADJ	EG10	-3.95	4.28	12.39	20.12	27.35	33.01
YBADJ	EG10	37.65	41.16	43.41	44.35	43.94	42.19
YBADJ	EG10	39.16	38.61	33.29	26.97	19.82	12.07
YBADJ	EG10	3.95	-4.28	-12.39	-20.12	-27.35	-33.01
YBADJ	EG11	-31.72	-35.90	-38.98	-40.88	-41.53	-40.93
YBADJ	EG11	-39.08	-39.71	-35.54	-30.30	-24.13	-17.23
YBADJ	EG11	-9.80	-2.08	5.71	13.32	20.64	26.59
YBADJ	EG11	31.72	35.90	38.98	40.88	41.53	40.93
YBADJ	EG11	39.08	39.71	35.54	30.30	24.13	17.23
YBADJ	EG11	9.80	2.08	-5.71	-13.32	-20.64	-26.59
YBADJ	EG12	-21.44	-26.67	-31.09	-34.56	-36.99	-38.29
YBADJ	EG12	-38.43	-41.07	-38.86	-35.48	-31.02	-25.62
YBADJ	EG12	-19.44	-12.66	-5.51	1.82	9.20	15.56
YBADJ	EG12	21.44	26.67	31.09	34.56	36.99	38.29
YBADJ	EG12	38.43	41.07	38.86	35.48	31.02	25.62
YBADJ	EG12	19.44	12.66	5.51	-1.82	-9.20	-15.56
YBADJ	EG13	-15.49	-21.24	-26.35	-30.66	-34.04	-36.38
YBADJ	EG13	-37.62	-41.38	-40.30	-37.98	-34.52	-30.00
YBADJ	EG13	-24.57	-18.40	-11.67	-4.58	2.76	9.27
YBADJ	EG13	15.49	21.24	26.35	30.66	34.04	36.38
YBADJ	EG13	37.62	41.38	40.29	37.98	34.52	30.00

YBADJ	EG13	24.57	18.40	11.67	4.58	-2.76	-9.27
YBADJ	EG14	-4.31	-11.12	-17.59	-23.53	-28.75	-33.09
YBADJ	EG14	-36.44	-42.34	-43.37	-43.07	-41.47	-38.61
YBADJ	EG14	-34.57	-29.48	-23.50	-16.81	-9.48	-2.62
YBADJ	EG14	4.31	11.12	17.59	23.53	28.75	33.09
YBADJ	EG14	36.44	42.34	43.37	43.07	41.47	38.61
YBADJ	EG14	34.57	29.48	23.50	16.81	9.48	2.62
YBADJ	EG15	1.40	-5.94	-13.10	-19.87	-26.03	-31.40
YBADJ	EG15	-35.81	-42.81	-44.92	-45.65	-45.00	-42.99
YBADJ	EG15	-39.66	-35.14	-29.54	-23.05	-15.74	-8.70
YBADJ	EG15	-1.40	5.94	13.10	19.87	26.03	31.40
YBADJ	EG15	35.81	42.81	44.92	45.65	45.00	42.99
YBADJ	EG15	39.66	35.14	29.54	23.05	15.74	8.70
YBADJ	EG16	12.06	3.61	-4.94	-13.35	-21.35	-28.70
YBADJ	EG16	-35.17	-44.25	-48.40	-51.07	-52.18	-51.72
YBADJ	EG16	-49.68	-46.13	-41.18	-34.98	-27.60	-20.13
YBADJ	EG16	-12.06	-3.61	4.94	13.35	21.35	28.70
YBADJ	EG16	35.17	44.25	48.40	51.07	52.18	51.72
YBADJ	EG16	49.68	46.13	41.18	34.98	27.60	20.13
YBADJ	EG17	18.38	9.45	0.24	-8.98	-17.93	-26.33
YBADJ	EG17	-33.94	-44.18	-49.49	-53.29	-55.47	-55.97
YBADJ	EG17	-54.76	-51.89	-47.45	-41.56	-34.30	-26.74
YBADJ	EG17	-18.38	-9.45	-0.24	8.98	17.93	26.33
YBADJ	EG17	33.94	44.18	49.49	53.29	55.47	55.97
YBADJ	EG17	54.76	51.89	47.45	41.56	34.30	26.74
YBADJ	EG18	28.99	18.92	8.27	-2.63	-13.44	-23.85
YBADJ	EG18	-33.53	-45.87	-53.22	-58.94	-62.88	-64.91
YBADJ	EG18	-64.97	-63.05	-59.21	-53.58	-46.20	-38.17
YBADJ	EG18	-28.99	-18.92	-8.27	2.63	13.44	23.85
YBADJ	EG18	33.53	45.87	53.22	58.94	62.88	64.91
YBADJ	EG18	64.97	63.05	59.21	53.58	46.20	38.17
YBADJ	EG19	34.75	24.14	12.80	1.07	-10.70	-22.14
YBADJ	EG19	-32.90	-46.34	-54.78	-61.55	-66.45	-69.33
YBADJ	EG19	-70.10	-68.75	-65.30	-59.87	-52.51	-44.30
YBADJ	EG19	-34.75	-24.14	-12.80	-1.07	10.70	22.14
YBADJ	EG19	32.90	46.34	54.78	61.55	66.45	69.33
YBADJ	EG19	70.10	68.75	65.30	59.87	52.51	44.30
YBADJ	EG20	45.81	34.14	21.44	8.08	-5.52	-18.96
YBADJ	EG20	-31.81	-47.38	-57.91	-66.67	-73.42	-77.93
YBADJ	EG20	-80.07	-79.78	-77.07	-72.01	-64.66	-56.08
YBADJ	EG20	-45.81	-34.14	-21.44	-8.08	5.52	18.96
YBADJ	EG20	31.81	47.38	57.91	66.67	73.42	77.93
YBADJ	EG20	80.07	79.78	77.07	72.01	64.66	56.08

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   YBADJ    EG21           51.33    39.11    25.71    11.52    -3.02   -17.46
   YBADJ    EG21          -31.38   -48.01   -59.59   -69.35   -77.01   -82.33
   YBADJ    EG21          -85.15   -85.38   -83.02   -78.13   -70.76   -61.98
   YBADJ    EG21          -51.33   -39.11   -25.71   -11.52     3.02    17.46
   YBADJ    EG21           31.38    48.01    59.59    69.35    77.01    82.33
   YBADJ    EG21           85.15    85.38    83.02    78.13    70.76    61.98

   YBADJ    EG22           62.35    49.16    34.48    18.75     2.45   -13.93
   YBADJ    EG22          -29.88   -48.59   -62.24   -73.99   -83.49   -90.46
   YBADJ    EG22          -94.68   -96.02   -94.44   -90.00   -82.70   -73.64
   YBADJ    EG22          -62.35   -49.16   -34.48   -18.75    -2.45    13.93
   YBADJ    EG22           29.88    48.59    62.24    73.99    83.49    90.46
   YBADJ    EG22           94.68    96.02    94.44    90.00    82.70    73.64

   YBADJ    EG23           68.26    54.42    38.92    22.25     4.89   -12.61
   YBADJ    EG23          -29.73   -49.61   -64.40   -77.22   -87.70   -95.52
   YBADJ    EG23         -100.43  -102.29  -101.05   -96.73   -89.36   -80.02
   YBADJ    EG23          -68.26   -54.42   -38.92   -22.25    -4.89    12.61
   YBADJ    EG23           29.73    49.61    64.40    77.22    87.70    95.52
   YBADJ    EG23          100.43   102.29   101.05    96.73    89.36    80.02

   YBADJ    EG24           79.59    64.72    47.89    29.60    10.41    -9.10
   YBADJ    EG24          -28.33   -50.37   -67.29   -82.16   -94.53  -104.03
   YBADJ    EG24         -110.37  -113.36  -112.90  -109.01  -101.70   -92.04
   YBADJ    EG24          -79.59   -64.72   -47.89   -29.60   -10.41     9.10
   YBADJ    EG24           28.33    50.37    67.29    82.16    94.53   104.03
   YBADJ    EG24          110.37   113.36   112.90   109.01   101.70    92.04

   URBANSRC ALL

** VARIABLE EMISSIONS TYPE: "BY HOUR / DAY (HRDOW)"
** VARIABLE EMISSION SCENARIO: "SCENARIO 1"
** WEEKDAYS:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG01         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT EG02         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG02         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG02         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG03         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG03         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG03         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG04         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG04         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG04         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG05         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG05         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG05         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG06         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG06         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG06         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG07         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG07         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG07         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG08         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG09         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG09         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG09         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG10         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG10         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG10         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG11         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG11         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG11         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT EG12         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG12         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG12         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG13         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG13         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG13         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG14         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG14         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG14         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG15         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG15         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG15         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG16         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG16         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG16         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG17         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG17         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG17         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG18         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG18         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG18         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG19         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG19         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG19         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG20         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG20         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG20         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG21         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG21         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG21         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT EG22         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG22         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG22         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG23         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG23         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG23         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT EG24         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP GENERATO EG01 EG02 EG03 EG04 EG05 EG06 EG07 EG08 EG09 EG10 EG11
   SRCGROUP GENERATO EG12 EG13 EG14 EG15 EG16 EG17 EG18 EG19 EG20 EG21 EG22
   SRCGROUP GENERATO EG23 EG24
   SRCGROUP AREA     L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
   SRCGROUP AREA     L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
   SRCGROUP AREA     L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
   SRCGROUP AREA     L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
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   SRCGROUP AREA     L0000025 L0000026 L0000027 L0000028 L0000029 L0000030
   SRCGROUP AREA     L0000031 L0000032 L0000033 L0000034 L0000035 L0000036
   SRCGROUP AREA     L0000037 L0000038 L0000039 L0000040 L0000041 L0000042
   SRCGROUP AREA     L0000043 L0000044 L0000045 L0000046 L0000047 L0000048
   SRCGROUP AREA     L0000049 L0000050 L0000051 L0000052 L0000053 L0000054
   SRCGROUP AREA     L0000055 L0000056 L0000057 L0000058 L0000059 L0000060
   SRCGROUP AREA     L0000061 L0000062 L0000063 L0000064 L0000065 L0000066
   SRCGROUP AREA     L0000067 L0000068 L0000069 L0000070 L0000071 L0000072
   SRCGROUP AREA     L0000073 L0000074 L0000075 L0000076 L0000077 L0000078
   SRCGROUP AREA     L0000079 L0000080 L0000081 L0000082 L0000083 L0000084
   SRCGROUP AREA     L0000085 L0000086 L0000087 L0000088 L0000089 L0000090
   SRCGROUP AREA     L0000091 L0000092 L0000093 L0000094 L0000095 L0000096
   SRCGROUP AREA     L0000097 L0000098 L0000099 L0000100 L0000101 L0000102
   SRCGROUP AREA     L0000103 L0000104 L0000105 L0000106 L0000107 L0000108
   SRCGROUP AREA     L0000109 L0000110 L0000111 L0000112 L0000113 L0000114
   SRCGROUP AREA     L0000115 L0000116 L0000117 L0000118 L0000119 L0000120
   SRCGROUP AREA     L0000121 L0000122 L0000123 L0000124 L0000125 L0000126
   SRCGROUP AREA     L0000127 L0000128 L0000129 L0000130 L0000131 L0000132
   SRCGROUP AREA     L0000133 L0000134 L0000135 L0000136 L0000137 L0000138
   SRCGROUP AREA     L0000139 L0000140 L0000141 L0000142 L0000143 L0000144
   SRCGROUP AREA     L0000145 L0000146 L0000147 L0000148 L0000149 L0000150
   SRCGROUP AREA     L0000151 L0000152 L0000153 L0000154 L0000155 L0000156
   SRCGROUP AREA     L0000157 L0000158 L0000159 L0000160 L0000161 L0000162
   SRCGROUP AREA     L0000163 L0000164 L0000165 L0000166 L0000167 L0000168
   SRCGROUP AREA     L0000169 L0000170 L0000171 L0000172 L0000173 L0000174
   SRCGROUP AREA     L0000175 L0000176 L0000177 L0000178 L0000179 L0000180
   SRCGROUP AREA     L0000181 L0000182 L0000183 L0000184 L0000185 L0000186
   SRCGROUP AREA     L0000187 L0000188 L0000189 L0000190 L0000191 L0000192
   SRCGROUP AREA     L0000193 L0000194 L0000195 L0000196 L0000197 L0000198
   SRCGROUP AREA     L0000199 L0000200 L0000201 L0000202 L0000203 L0000204
   SRCGROUP AREA     L0000205 L0000206 L0000207 L0000208 L0000209 L0000210
   SRCGROUP AREA     L0000211 L0000212 L0000213 L0000214 L0000215 L0000216
   SRCGROUP AREA     L0000217 L0000218 L0000219 L0000220 L0000221 L0000222
   SRCGROUP AREA     L0000223 L0000224 L0000225 L0000226 L0000227 L0000228
   SRCGROUP AREA     L0000229 L0000230 L0000231 L0000232 L0000233 L0000234
   SRCGROUP AREA     L0000235 L0000236 L0000237 L0000238 L0000239 L0000240
   SRCGROUP AREA     L0000241 L0000242 L0000243 L0000244 L0000245 L0000246
   SRCGROUP AREA     L0000247 L0000248 L0000249 L0000250 L0000251 L0000252
   SRCGROUP AREA     L0000253 L0000254 L0000255 L0000256 L0000257 L0000258
   SRCGROUP AREA     L0000259 L0000260 L0000261 L0000262 L0000263 L0000264
   SRCGROUP AREA     L0000265 L0000266 L0000267 L0000268 L0000269 L0000270
   SRCGROUP AREA     L0000271 L0000272 L0000273 L0000274 L0000275 L0000276
   SRCGROUP AREA     L0000277 L0000278 L0000279 L0000280 L0000281 L0000282
   SRCGROUP AREA     L0000283 L0000284 L0000285 L0000286 L0000287 L0000288
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
```

```
**
**
RE STARTING
   INCLUDED SATURN_PM10.ROU
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\SATURN_PM10\PICO_V9_ADJU\
   SURFFILE PICO_V9_ADJU\PICO_V9.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\SATURN_PM10\PICO_V9_ADJU\
   PROFFILE PICO_V9_ADJU\PICO_V9.PFL
   SURFDATA 3166 2010 PICO
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 58.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 24 1ST 8TH
** AUTO-GENERATED PLOTFILES
   PLOTFILE   24 ALL 1ST "C:\LAKES\AERMOD
VIEW\SATURN_PM10\SATURN_PM10.AD\24H1GALL.PLT" 31
   PLOTFILE   24 GENERATO 1ST "C:\LAKES\AERMOD
VIEW\SATURN_PM10\SATURN_PM10.AD\24H1G001.PLT" 32
   PLOTFILE   24 AREA 1ST "C:\LAKES\AERMOD
VIEW\SATURN_PM10\SATURN_PM10.AD\24H1G002.PLT" 33
   PLOTFILE   24 ALL 8TH "C:\LAKES\AERMOD
VIEW\SATURN_PM10\SATURN_PM10.AD\24H8GALL.PLT" 34
   PLOTFILE   24 GENERATO 8TH "C:\LAKES\AERMOD
VIEW\SATURN_PM10\SATURN_PM10.AD\24H8G001.PLT" 35
   PLOTFILE   24 AREA 8TH "C:\LAKES\AERMOD
VIEW\SATURN_PM10\SATURN_PM10.AD\24H8G002.PLT" 36
   PLOTFILE   ANNUAL ALL "C:\LAKES\AERMOD
VIEW\SATURN_PM10\SATURN_PM10.AD\AN00GALL.PLT" 37
   PLOTFILE   ANNUAL GENERATO "C:\LAKES\AERMOD
VIEW\SATURN_PM10\SATURN_PM10.AD\AN00G001.PLT" 38
   PLOTFILE   ANNUAL AREA "C:\LAKES\AERMOD
VIEW\SATURN_PM10\SATURN_PM10.AD\AN00G002.PLT" 39
   SUMMFILE "C:\LAKES\AERMOD VIEW\SATURN_PM10\SATURN_PM10.SUM"
```

```
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    2020       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    2020       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                  PAGE   1
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Allows User-Specified Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
```

```
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   312 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9830000.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM-10

 **Model Calculates  1 Short Term Average(s) of:  24-HR
     and Calculates ANNUAL Averages

 **This Run Includes:    312 Source(s);       3 Source Group(s); and     603
Receptor(s)

                with:     24 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    288 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing
Hours
                                                                 b for Both Calm
and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    58.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
```

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 4.5 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: SATURN_PM10.ERR

**File for Summary of Results: C:\LAKES\AERMOD VIEW\SATURN_PM10\SATURN_PM10.SUM

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR
EG01	0	0.73000E-02	397047.3	3767179.2	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG02	0	0.73000E-02	397059.0	3767182.6	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG03	0	0.73000E-02	397065.8	3767183.8	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG04	0	0.73000E-02	397077.3	3767187.1	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG05	0	0.73000E-02	397083.4	3767188.5	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG06	0	0.73000E-02	397095.4	3767191.9	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG07	0	0.73000E-02	397101.1	3767193.6	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG08	0	0.73000E-02	397112.7	3767197.0	112.5	14.33	756.48	32.67	0.61	YES	YES	NO	HRDOW
EG09	0	0.73000E-02	397117.7	3767198.0	112.5	14.33	756.48						

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32.67     0.61    YES     YES   NO  HRDOW
 EG10             0   0.73000E-02  397131.0 3767201.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG11             0   0.73000E-02  397137.4 3767203.3   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG12             0   0.73000E-02  397148.4 3767206.6   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG13             0   0.73000E-02  397154.7 3767208.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG14             0   0.73000E-02  397166.6 3767211.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG15             0   0.73000E-02  397172.7 3767212.7   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG16             0   0.73000E-02  397184.1 3767216.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG17             0   0.73000E-02  397190.7 3767217.2   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG18             0   0.73000E-02  397202.2 3767221.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG19             0   0.73000E-02  397208.3 3767222.5   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG20             0   0.73000E-02  397220.1 3767225.7   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG21             0   0.73000E-02  397226.0 3767227.3   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG22             0   0.73000E-02  397237.6 3767230.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG23             0   0.73000E-02  397244.0 3767232.1   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
 EG24             0   0.73000E-02  397256.0 3767235.0   112.5    14.33   756.48
32.67     0.61    YES     YES   NO  HRDOW
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                      ***        16:13:40

                                  PAGE   3
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
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L0000001	0	0.34722E-02	397018.4	3767094.7	113.0	5.10	4.19	4.74
YES		NO						
L0000002	0	0.34722E-02	397011.8	3767100.8	113.0	5.10	4.19	4.74
YES		NO						
L0000003	0	0.34722E-02	397005.2	3767107.0	113.0	5.10	4.19	4.74
YES		NO						
L0000004	0	0.34722E-02	396998.6	3767113.1	113.0	5.10	4.19	4.74
YES		NO						
L0000005	0	0.34722E-02	396992.1	3767119.2	113.0	5.10	4.19	4.74
YES		NO						
L0000006	0	0.34722E-02	396985.5	3767125.4	113.0	5.10	4.19	4.74
YES		NO						
L0000007	0	0.34722E-02	396978.9	3767131.5	113.0	5.10	4.19	4.74
YES		NO						
L0000008	0	0.34722E-02	396972.3	3767137.6	113.0	5.10	4.19	4.74
YES		NO						
L0000009	0	0.34722E-02	396965.7	3767143.8	113.0	5.10	4.19	4.74
YES		NO						
L0000010	0	0.34722E-02	396959.1	3767149.9	113.0	5.10	4.19	4.74
YES		NO						
L0000011	0	0.34722E-02	396952.5	3767156.0	113.0	5.10	4.19	4.74
YES		NO						
L0000012	0	0.34722E-02	396950.0	3767162.3	113.0	5.10	4.19	4.74
YES		NO						
L0000013	0	0.34722E-02	396956.0	3767169.0	113.0	5.10	4.19	4.74
YES		NO						
L0000014	0	0.34722E-02	396962.1	3767175.7	113.0	5.10	4.19	4.74
YES		NO						
L0000015	0	0.34722E-02	396968.3	3767173.1	113.0	5.10	4.19	4.74
YES		NO						
L0000016	0	0.34722E-02	396974.7	3767166.8	113.0	5.10	4.19	4.74
YES		NO						
L0000017	0	0.34722E-02	396981.0	3767160.4	113.0	5.10	4.19	4.74
YES		NO						
L0000018	0	0.34722E-02	396987.4	3767154.0	113.0	5.10	4.19	4.74
YES		NO						
L0000019	0	0.34722E-02	396993.7	3767147.6	113.0	5.10	4.19	4.74
YES		NO						
L0000020	0	0.34722E-02	397000.1	3767141.3	113.0	5.10	4.19	4.74
YES		NO						
L0000021	0	0.34722E-02	397006.4	3767134.9	113.0	5.10	4.19	4.74
YES		NO						
L0000022	0	0.34722E-02	397012.8	3767128.5	113.0	5.10	4.19	4.74
YES		NO						
L0000023	0	0.34722E-02	397019.2	3767122.1	113.0	5.10	4.19	4.74
YES		NO						
L0000024	0	0.34722E-02	397025.5	3767115.8	113.0	5.10	4.19	4.74
YES		NO						
L0000025	0	0.34722E-02	397031.9	3767109.4	113.0	5.10	4.19	

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4.74     YES                    NO
 L0000026         0   0.34722E-02  397038.2 3767103.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000027         0   0.34722E-02  397044.7 3767098.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000028         0   0.34722E-02  397052.2 3767103.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000029         0   0.34722E-02  397053.4 3767108.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000030         0   0.34722E-02  397047.2 3767115.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000031         0   0.34722E-02  397040.9 3767121.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000032         0   0.34722E-02  397034.7 3767128.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000033         0   0.34722E-02  397028.5 3767134.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000034         0   0.34722E-02  397022.3 3767141.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000035         0   0.34722E-02  397016.1 3767147.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000036         0   0.34722E-02  397009.8 3767154.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000037         0   0.34722E-02  397003.6 3767160.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000038         0   0.34722E-02  396997.4 3767167.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000039         0   0.34722E-02  396991.2 3767173.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000040         0   0.34722E-02  396985.0 3767180.3   113.0     5.10     4.19
4.74     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE   4
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
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L0000041	0	0.34722E-02	396978.8	3767186.9	113.0	5.10	4.19	
4.74	YES		NO					
L0000042	0	0.34722E-02	396979.7	3767193.0	113.0	5.10	4.19	
4.74	YES		NO					
L0000043	0	0.34722E-02	396986.5	3767199.0	113.0	5.10	4.19	
4.74	YES		NO					
L0000044	0	0.34722E-02	396993.1	3767201.2	113.0	5.10	4.19	
4.74	YES		NO					
L0000045	0	0.34722E-02	396999.2	3767194.6	113.0	5.10	4.19	
4.74	YES		NO					
L0000046	0	0.34722E-02	397005.3	3767188.1	113.0	5.10	4.19	
4.74	YES		NO					
L0000047	0	0.34722E-02	397011.5	3767181.5	113.0	5.10	4.19	
4.74	YES		NO					
L0000048	0	0.34722E-02	397017.6	3767174.9	113.0	5.10	4.19	
4.74	YES		NO					
L0000049	0	0.34722E-02	397023.7	3767168.3	113.0	5.10	4.19	
4.74	YES		NO					
L0000050	0	0.34722E-02	397029.8	3767161.7	113.0	5.10	4.19	
4.74	YES		NO					
L0000051	0	0.34722E-02	397036.0	3767155.1	113.0	5.10	4.19	
4.74	YES		NO					
L0000052	0	0.34722E-02	397042.1	3767148.5	113.0	5.10	4.19	
4.74	YES		NO					
L0000053	0	0.34722E-02	397048.2	3767141.9	113.0	5.10	4.19	
4.74	YES		NO					
L0000054	0	0.34722E-02	397054.3	3767135.3	113.0	5.10	4.19	
4.74	YES		NO					
L0000055	0	0.34722E-02	397060.5	3767128.7	113.0	5.10	4.19	
4.74	YES		NO					
L0000056	0	0.34722E-02	397066.6	3767122.1	113.0	5.10	4.19	
4.74	YES		NO					
L0000057	0	0.34722E-02	397072.7	3767115.5	113.0	5.10	4.19	
4.74	YES		NO					
L0000058	0	0.34722E-02	397079.4	3767110.8	113.0	5.10	4.19	
4.74	YES		NO					
L0000059	0	0.34722E-02	397088.1	3767113.0	113.0	5.10	4.19	
4.74	YES		NO					
L0000060	0	0.34722E-02	397096.9	3767115.1	113.0	5.10	4.19	
4.74	YES		NO					
L0000061	0	0.34722E-02	397092.4	3767121.2	113.0	5.10	4.19	
4.74	YES		NO					
L0000062	0	0.34722E-02	397086.3	3767127.8	113.0	5.10	4.19	
4.74	YES		NO					
L0000063	0	0.34722E-02	397080.1	3767134.4	113.0	5.10	4.19	
4.74	YES		NO					
L0000064	0	0.34722E-02	397074.0	3767140.9	113.0	5.10	4.19	
4.74	YES		NO					
L0000065	0	0.34722E-02	397067.8	3767147.5	113.0	5.10	4.19	

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4.74     YES                    NO
 L0000066         0   0.34722E-02  397061.7 3767154.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000067         0   0.34722E-02  397055.6 3767160.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000068         0   0.34722E-02  397049.4 3767167.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000069         0   0.34722E-02  397043.3 3767173.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000070         0   0.34722E-02  397037.1 3767180.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000071         0   0.34722E-02  397031.0 3767187.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000072         0   0.34722E-02  397024.9 3767193.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000073         0   0.34722E-02  397018.7 3767200.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000074         0   0.34722E-02  397012.6 3767206.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000075         0   0.34722E-02  397006.5 3767213.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000076         0   0.34722E-02  397011.3 3767217.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000077         0   0.34722E-02  397019.5 3767221.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000078         0   0.34722E-02  397026.5 3767220.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000079         0   0.34722E-02  397032.6 3767213.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000080         0   0.34722E-02  397038.7 3767206.8   113.0     5.10     4.19
4.74     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0000081	0	0.34722E-02	397044.8	3767200.2	113.0	5.10	4.19	4.74
YES		NO						
L0000082	0	0.34722E-02	397050.9	3767193.6	113.0	5.10	4.19	4.74
YES		NO						
L0000083	0	0.34722E-02	397057.0	3767186.9	113.0	5.10	4.19	4.74
YES		NO						
L0000084	0	0.34722E-02	397063.0	3767180.3	113.0	5.10	4.19	4.74
YES		NO						
L0000085	0	0.34722E-02	397069.1	3767173.7	113.0	5.10	4.19	4.74
YES		NO						
L0000086	0	0.34722E-02	397075.2	3767167.0	113.0	5.10	4.19	4.74
YES		NO						
L0000087	0	0.34722E-02	397081.3	3767160.4	113.0	5.10	4.19	4.74
YES		NO						
L0000088	0	0.34722E-02	397087.4	3767153.8	113.0	5.10	4.19	4.74
YES		NO						
L0000089	0	0.34722E-02	397093.5	3767147.1	113.0	5.10	4.19	4.74
YES		NO						
L0000090	0	0.34722E-02	397099.5	3767140.5	113.0	5.10	4.19	4.74
YES		NO						
L0000091	0	0.34722E-02	397105.6	3767133.9	113.0	5.10	4.19	4.74
YES		NO						
L0000092	0	0.34722E-02	397111.7	3767127.2	113.0	5.10	4.19	4.74
YES		NO						
L0000093	0	0.34722E-02	397118.7	3767123.6	113.0	5.10	4.19	4.74
YES		NO						
L0000094	0	0.34722E-02	397127.4	3767125.8	113.0	5.10	4.19	4.74
YES		NO						
L0000095	0	0.34722E-02	397134.7	3767128.4	113.0	5.10	4.19	4.74
YES		NO						
L0000096	0	0.34722E-02	397128.6	3767135.0	113.0	5.10	4.19	4.74
YES		NO						
L0000097	0	0.34722E-02	397122.4	3767141.6	113.0	5.10	4.19	4.74
YES		NO						
L0000098	0	0.34722E-02	397116.3	3767148.1	113.0	5.10	4.19	4.74
YES		NO						
L0000099	0	0.34722E-02	397110.1	3767154.7	113.0	5.10	4.19	4.74
YES		NO						
L0000100	0	0.34722E-02	397103.9	3767161.2	113.0	5.10	4.19	4.74
YES		NO						
L0000101	0	0.34722E-02	397097.8	3767167.8	113.0	5.10	4.19	4.74
YES		NO						
L0000102	0	0.34722E-02	397091.6	3767174.4	113.0	5.10	4.19	4.74
YES		NO						
L0000103	0	0.34722E-02	397085.5	3767180.9	113.0	5.10	4.19	4.74
YES		NO						
L0000104	0	0.34722E-02	397079.3	3767187.5	113.0	5.10	4.19	4.74
YES		NO						
L0000105	0	0.34722E-02	397073.1	3767194.1	113.0	5.10	4.19	

4.74   YES   NO
 L0000106   0   0.34722E-02 397067.0 3767200.6   113.0   5.10   4.19
4.74   YES   NO
 L0000107   0   0.34722E-02 397060.8 3767207.2   113.0   5.10   4.19
4.74   YES   NO
 L0000108   0   0.34722E-02 397054.7 3767213.7   113.0   5.10   4.19
4.74   YES   NO
 L0000109   0   0.34722E-02 397048.5 3767220.3   113.0   5.10   4.19
4.74   YES   NO
 L0000110   0   0.34722E-02 397055.1 3767223.4   113.0   5.10   4.19
4.74   YES   NO
 L0000111   0   0.34722E-02 397063.7 3767225.9   113.0   5.10   4.19
4.74   YES   NO
 L0000112   0   0.34722E-02 397071.7 3767226.3   113.0   5.10   4.19
4.74   YES   NO
 L0000113   0   0.34722E-02 397077.5 3767219.4   113.0   5.10   4.19
4.74   YES   NO
 L0000114   0   0.34722E-02 397083.3 3767212.6   113.0   5.10   4.19
4.74   YES   NO
 L0000115   0   0.34722E-02 397089.1 3767205.7   113.0   5.10   4.19
4.74   YES   NO
 L0000116   0   0.34722E-02 397094.9 3767198.8   113.0   5.10   4.19
4.74   YES   NO
 L0000117   0   0.34722E-02 397100.7 3767191.9   113.0   5.10   4.19
4.74   YES   NO
 L0000118   0   0.34722E-02 397106.5 3767185.0   113.0   5.10   4.19
4.74   YES   NO
 L0000119   0   0.34722E-02 397112.3 3767178.2   113.0   5.10   4.19
4.74   YES   NO
 L0000120   0   0.34722E-02 397118.1 3767171.3   113.0   5.10   4.19
4.74   YES   NO

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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- - - - - - - - - - - - - - - - - - - -

L0000121	0	0.34722E-02	397123.9	3767164.4	113.0	5.10	4.19	4.74
YES		NO						
L0000122	0	0.34722E-02	397129.7	3767157.5	113.0	5.10	4.19	4.74
YES		NO						
L0000123	0	0.34722E-02	397135.6	3767150.6	113.0	5.10	4.19	4.74
YES		NO						
L0000124	0	0.34722E-02	397141.4	3767143.8	113.0	5.10	4.19	4.74
YES		NO						
L0000125	0	0.34722E-02	397147.2	3767136.9	113.0	5.10	4.19	4.74
YES		NO						
L0000126	0	0.34722E-02	397154.5	3767134.8	113.0	5.10	4.19	4.74
YES		NO						
L0000127	0	0.34722E-02	397163.3	3767136.9	113.0	5.10	4.19	4.74
YES		NO						
L0000128	0	0.34722E-02	397163.6	3767141.8	113.0	5.10	4.19	4.74
YES		NO						
L0000129	0	0.34722E-02	397157.8	3767148.7	113.0	5.10	4.19	4.74
YES		NO						
L0000130	0	0.34722E-02	397152.0	3767155.6	113.0	5.10	4.19	4.74
YES		NO						
L0000131	0	0.34722E-02	397146.3	3767162.5	113.0	5.10	4.19	4.74
YES		NO						
L0000132	0	0.34722E-02	397140.5	3767169.4	113.0	5.10	4.19	4.74
YES		NO						
L0000133	0	0.34722E-02	397134.7	3767176.3	113.0	5.10	4.19	4.74
YES		NO						
L0000134	0	0.34722E-02	397128.9	3767183.2	113.0	5.10	4.19	4.74
YES		NO						
L0000135	0	0.34722E-02	397123.2	3767190.1	113.0	5.10	4.19	4.74
YES		NO						
L0000136	0	0.34722E-02	397117.4	3767197.0	113.0	5.10	4.19	4.74
YES		NO						
L0000137	0	0.34722E-02	397111.6	3767203.9	113.0	5.10	4.19	4.74
YES		NO						
L0000138	0	0.34722E-02	397105.8	3767210.8	113.0	5.10	4.19	4.74
YES		NO						
L0000139	0	0.34722E-02	397100.0	3767217.7	113.0	5.10	4.19	4.74
YES		NO						
L0000140	0	0.34722E-02	397094.3	3767224.6	113.0	5.10	4.19	4.74
YES		NO						
L0000141	0	0.34722E-02	397090.7	3767230.8	113.0	5.10	4.19	4.74
YES		NO						
L0000142	0	0.34722E-02	397099.5	3767232.7	113.0	5.10	4.19	4.74
YES		NO						
L0000143	0	0.34722E-02	397108.3	3767234.7	113.0	5.10	4.19	4.74
YES		NO						
L0000144	0	0.34722E-02	397115.8	3767233.3	113.0	5.10	4.19	4.74
YES		NO						
L0000145	0	0.34722E-02	397121.2	3767226.1	113.0	5.10	4.19	

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4.74     YES                    NO
 L0000146         0   0.34722E-02  397126.5 3767218.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000147         0   0.34722E-02  397131.9 3767211.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000148         0   0.34722E-02  397137.3 3767204.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000149         0   0.34722E-02  397142.6 3767197.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000150         0   0.34722E-02  397148.0 3767189.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000151         0   0.34722E-02  397153.3 3767182.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000152         0   0.34722E-02  397158.7 3767175.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000153         0   0.34722E-02  397164.0 3767168.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000154         0   0.34722E-02  397169.4 3767161.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000155         0   0.34722E-02  397174.7 3767153.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000156         0   0.34722E-02  397180.1 3767146.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000157         0   0.34722E-02  397187.7 3767145.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000158         0   0.34722E-02  397196.6 3767146.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000159         0   0.34722E-02  397199.6 3767150.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000160         0   0.34722E-02  397194.0 3767157.6   113.0     5.10     4.19
4.74     YES                    NO
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 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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L0000161	0	0.34722E-02	397188.3	3767164.6	113.0	5.10	4.19	4.74
YES		NO						
L0000162	0	0.34722E-02	397182.7	3767171.6	113.0	5.10	4.19	4.74
YES		NO						
L0000163	0	0.34722E-02	397177.0	3767178.6	113.0	5.10	4.19	4.74
YES		NO						
L0000164	0	0.34722E-02	397171.4	3767185.6	113.0	5.10	4.19	4.74
YES		NO						
L0000165	0	0.34722E-02	397165.7	3767192.6	113.0	5.10	4.19	4.74
YES		NO						
L0000166	0	0.34722E-02	397160.0	3767199.6	113.0	5.10	4.19	4.74
YES		NO						
L0000167	0	0.34722E-02	397154.4	3767206.6	113.0	5.10	4.19	4.74
YES		NO						
L0000168	0	0.34722E-02	397148.7	3767213.6	113.0	5.10	4.19	4.74
YES		NO						
L0000169	0	0.34722E-02	397143.1	3767220.6	113.0	5.10	4.19	4.74
YES		NO						
L0000170	0	0.34722E-02	397137.4	3767227.6	113.0	5.10	4.19	4.74
YES		NO						
L0000171	0	0.34722E-02	397131.8	3767234.6	113.0	5.10	4.19	4.74
YES		NO						
L0000172	0	0.34722E-02	397127.4	3767241.4	113.0	5.10	4.19	4.74
YES		NO						
L0000173	0	0.34722E-02	397134.6	3767246.9	113.0	5.10	4.19	4.74
YES		NO						
L0000174	0	0.34722E-02	397138.0	3767254.8	113.0	5.10	4.19	4.74
YES		NO						
L0000175	0	0.34722E-02	397142.2	3767254.1	113.0	5.10	4.19	4.74
YES		NO						
L0000176	0	0.34722E-02	397147.6	3767246.9	113.0	5.10	4.19	4.74
YES		NO						
L0000177	0	0.34722E-02	397153.0	3767239.7	113.0	5.10	4.19	4.74
YES		NO						
L0000178	0	0.34722E-02	397158.4	3767232.5	113.0	5.10	4.19	4.74
YES		NO						
L0000179	0	0.34722E-02	397163.8	3767225.3	113.0	5.10	4.19	4.74
YES		NO						
L0000180	0	0.34722E-02	397169.2	3767218.1	113.0	5.10	4.19	4.74
YES		NO						
L0000181	0	0.34722E-02	397174.6	3767210.9	113.0	5.10	4.19	4.74
YES		NO						
L0000182	0	0.34722E-02	397180.0	3767203.7	113.0	5.10	4.19	4.74
YES		NO						
L0000183	0	0.34722E-02	397185.4	3767196.5	113.0	5.10	4.19	4.74
YES		NO						
L0000184	0	0.34722E-02	397190.8	3767189.4	113.0	5.10	4.19	4.74
YES		NO						
L0000185	0	0.34722E-02	397196.3	3767182.2	113.0	5.10	4.19	

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4.74     YES                    NO
 L0000186         0   0.34722E-02  397201.7 3767175.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000187         0   0.34722E-02  397207.1 3767167.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000188         0   0.34722E-02  397212.5 3767160.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000189         0   0.34722E-02  397218.0 3767153.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000190         0   0.34722E-02  397226.8 3767155.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000191         0   0.34722E-02  397235.6 3767157.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000192         0   0.34722E-02  397237.4 3767161.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000193         0   0.34722E-02  397231.5 3767168.7   113.0     5.10     4.19
4.74     YES                    NO
 L0000194         0   0.34722E-02  397225.7 3767175.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000195         0   0.34722E-02  397219.8 3767182.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000196         0   0.34722E-02  397214.0 3767189.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000197         0   0.34722E-02  397208.2 3767196.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000198         0   0.34722E-02  397202.3 3767202.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000199         0   0.34722E-02  397196.5 3767209.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000200         0   0.34722E-02  397190.6 3767216.6   113.0     5.10     4.19
4.74     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
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L0000201	0	0.34722E-02	397184.8	3767223.5	113.0	5.10	4.19	
4.74	YES		NO					
L0000202	0	0.34722E-02	397178.9	3767230.3	113.0	5.10	4.19	
4.74	YES		NO					
L0000203	0	0.34722E-02	397173.1	3767237.2	113.0	5.10	4.19	
4.74	YES		NO					
L0000204	0	0.34722E-02	397167.2	3767244.0	113.0	5.10	4.19	
4.74	YES		NO					
L0000205	0	0.34722E-02	397161.4	3767250.8	113.0	5.10	4.19	
4.74	YES		NO					
L0000206	0	0.34722E-02	397155.5	3767257.7	113.0	5.10	4.19	
4.74	YES		NO					
L0000207	0	0.34722E-02	397150.7	3767264.5	113.0	5.10	4.19	
4.74	YES		NO					
L0000208	0	0.34722E-02	397157.1	3767270.9	113.0	5.10	4.19	
4.74	YES		NO					
L0000209	0	0.34722E-02	397163.4	3767277.3	113.0	5.10	4.19	
4.74	YES		NO					
L0000210	0	0.34722E-02	397169.2	3767275.4	113.0	5.10	4.19	
4.74	YES		NO					
L0000211	0	0.34722E-02	397174.8	3767268.3	113.0	5.10	4.19	
4.74	YES		NO					
L0000212	0	0.34722E-02	397180.3	3767261.2	113.0	5.10	4.19	
4.74	YES		NO					
L0000213	0	0.34722E-02	397185.9	3767254.1	113.0	5.10	4.19	
4.74	YES		NO					
L0000214	0	0.34722E-02	397191.4	3767247.0	113.0	5.10	4.19	
4.74	YES		NO					
L0000215	0	0.34722E-02	397197.0	3767239.9	113.0	5.10	4.19	
4.74	YES		NO					
L0000216	0	0.34722E-02	397202.5	3767232.9	113.0	5.10	4.19	
4.74	YES		NO					
L0000217	0	0.34722E-02	397208.1	3767225.8	113.0	5.10	4.19	
4.74	YES		NO					
L0000218	0	0.34722E-02	397213.6	3767218.7	113.0	5.10	4.19	
4.74	YES		NO					
L0000219	0	0.34722E-02	397219.2	3767211.6	113.0	5.10	4.19	
4.74	YES		NO					
L0000220	0	0.34722E-02	397224.7	3767204.5	113.0	5.10	4.19	
4.74	YES		NO					
L0000221	0	0.34722E-02	397230.3	3767197.4	113.0	5.10	4.19	
4.74	YES		NO					
L0000222	0	0.34722E-02	397235.8	3767190.3	113.0	5.10	4.19	
4.74	YES		NO					
L0000223	0	0.34722E-02	397241.4	3767183.3	113.0	5.10	4.19	
4.74	YES		NO					
L0000224	0	0.34722E-02	397246.9	3767176.2	113.0	5.10	4.19	
4.74	YES		NO					
L0000225	0	0.34722E-02	397252.5	3767169.1	113.0	5.10	4.19	

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4.74     YES                    NO
 L0000226         0   0.34722E-02  397258.0 3767162.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000227         0   0.34722E-02  397265.0 3767159.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000228         0   0.34722E-02  397273.6 3767162.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000229         0   0.34722E-02  397279.4 3767165.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000230         0   0.34722E-02  397273.5 3767172.2   113.0     5.10     4.19
4.74     YES                    NO
 L0000231         0   0.34722E-02  397267.7 3767179.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000232         0   0.34722E-02  397261.8 3767185.9   113.0     5.10     4.19
4.74     YES                    NO
 L0000233         0   0.34722E-02  397256.0 3767192.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000234         0   0.34722E-02  397250.1 3767199.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000235         0   0.34722E-02  397244.3 3767206.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000236         0   0.34722E-02  397238.5 3767213.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000237         0   0.34722E-02  397232.6 3767220.1   113.0     5.10     4.19
4.74     YES                    NO
 L0000238         0   0.34722E-02  397226.8 3767227.0   113.0     5.10     4.19
4.74     YES                    NO
 L0000239         0   0.34722E-02  397220.9 3767233.8   113.0     5.10     4.19
4.74     YES                    NO
 L0000240         0   0.34722E-02  397215.1 3767240.7   113.0     5.10     4.19
4.74     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
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4.74     YES                  NO
 L0000243         0   0.34722E-02  397197.5 3767261.2   113.0     5.10     4.19
4.74     YES                  NO
 L0000244         0   0.34722E-02  397191.7 3767268.0   113.0     5.10     4.19
4.74     YES                  NO
 L0000245         0   0.34722E-02  397185.8 3767274.9   113.0     5.10     4.19
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 L0000246         0   0.34722E-02  397180.0 3767281.7   113.0     5.10     4.19
4.74     YES                  NO
 L0000247         0   0.34722E-02  397174.1 3767288.5   113.0     5.10     4.19
4.74     YES                  NO
 L0000248         0   0.34722E-02  397181.8 3767292.9   113.0     5.10     4.19
4.74     YES                  NO
 L0000249         0   0.34722E-02  397189.6 3767297.3   113.0     5.10     4.19
4.74     YES                  NO
 L0000250         0   0.34722E-02  397198.0 3767300.6   113.0     5.10     4.19
4.74     YES                  NO
 L0000251         0   0.34722E-02  397203.8 3767294.6   113.0     5.10     4.19
4.74     YES                  NO
 L0000252         0   0.34722E-02  397209.3 3767287.5   113.0     5.10     4.19
4.74     YES                  NO
 L0000253         0   0.34722E-02  397214.8 3767280.4   113.0     5.10     4.19
4.74     YES                  NO
 L0000254         0   0.34722E-02  397220.3 3767273.2   113.0     5.10     4.19
4.74     YES                  NO
 L0000255         0   0.34722E-02  397225.8 3767266.1   113.0     5.10     4.19
4.74     YES                  NO
 L0000256         0   0.34722E-02  397231.2 3767259.0   113.0     5.10     4.19
4.74     YES                  NO
 L0000257         0   0.34722E-02  397236.7 3767251.8   113.0     5.10     4.19
4.74     YES                  NO
 L0000258         0   0.34722E-02  397242.2 3767244.7   113.0     5.10     4.19
4.74     YES                  NO
 L0000259         0   0.34722E-02  397247.7 3767237.6   113.0     5.10     4.19
4.74     YES                  NO
 L0000260         0   0.34722E-02  397253.2 3767230.4   113.0     5.10     4.19
4.74     YES                  NO
 L0000261         0   0.34722E-02  397258.7 3767223.3   113.0     5.10     4.19
4.74     YES                  NO
 L0000262         0   0.34722E-02  397264.1 3767216.1   113.0     5.10     4.19
4.74     YES                  NO
 L0000263         0   0.34722E-02  397269.6 3767209.0   113.0     5.10     4.19
4.74     YES                  NO
 L0000264         0   0.34722E-02  397275.1 3767201.9   113.0     5.10     4.19
4.74     YES                  NO
 L0000265         0   0.34722E-02  397280.6 3767194.7   113.0     5.10     4.19
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4.74     YES                    NO
 L0000266         0   0.34722E-02  397286.1 3767187.6   113.0     5.10     4.19
4.74     YES                    NO
 L0000267         0   0.34722E-02  397291.5 3767180.5   113.0     5.10     4.19
4.74     YES                    NO
 L0000268         0   0.34722E-02  397297.0 3767173.3   113.0     5.10     4.19
4.74     YES                    NO
 L0000269         0   0.34722E-02  397302.5 3767166.2   113.0     5.10     4.19
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 L0000270         0   0.34722E-02  397310.5 3767166.4   113.0     5.10     4.19
4.74     YES                    NO
 L0000271         0   0.34722E-02  397319.2 3767168.6   113.0     5.10     4.19
4.74     YES                    NO
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4.74     YES                    NO
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4.74     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
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 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS
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 SRCGROUP ID   SOURCE IDs
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  GENERATO   EG01   , EG02   , EG03   , EG04   , EG05   ,
EG06   , EG07   , EG08   ,

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EG14   , EG15   , EG16   ,

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EG22   , EG23   , EG24   ,

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↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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                                   PAGE  12
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 ,
	L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , L0000152 ,
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
***

SRCGROUP ID	SOURCE IDs
EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 ,	
EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,	
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↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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                                   PAGE  14
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0000153 , L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 ,
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	L0000233 , L0000234 , L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 ,
	L0000241 , L0000242 , L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 ,
	L0000249 , L0000250 , L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
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		EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 ,
		EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,
		L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
		L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
		L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
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             L0000073   , L0000074   , L0000075   , L0000076   , L0000077   ,
L0000078   , L0000079   , L0000080   ,

             L0000081   , L0000082   , L0000083   , L0000084   , L0000085   ,
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             L0000089   , L0000090   , L0000091   , L0000092   , L0000093   ,
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             L0000105   , L0000106   , L0000107   , L0000108   , L0000109   ,
L0000110   , L0000111   , L0000112   ,

             L0000113   , L0000114   , L0000115   , L0000116   , L0000117   ,
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L0000126   , L0000127   , L0000128   ,

             L0000129   , L0000130   , L0000131   , L0000132   , L0000133   ,
L0000134   , L0000135   , L0000136   ,

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs

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             L0000137    , L0000138    , L0000139    , L0000140    , L0000141    ,
L0000142    , L0000143    , L0000144    ,

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L0000246    , L0000247    , L0000248    ,

             L0000249    , L0000250    , L0000251    , L0000252    , L0000253    ,
L0000254    , L0000255    , L0000256    ,

             L0000257    , L0000258    , L0000259    , L0000260    , L0000261    ,
L0000262    , L0000263    , L0000264    ,
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

SOURCE ID: EG01

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-85.5,	-116.3,	2	12.8,	270.0,	223.9,	-82.6,	-112.3,
3	12.8,	247.8,	251.8,	-77.2,	-105.0,	4	12.8,	218.1,	272.0,	-69.4,	-94.4,
5	12.8,	181.7,	283.9,	-59.5,	-81.0,	6	12.8,	139.9,	287.3,	-47.9,	-65.1,
7	12.8,	93.7,	281.9,	-34.7,	-47.3,	8	12.8,	103.9,	285.9,	-29.4,	-31.6,
9	12.8,	148.8,	289.4,	-28.0,	-11.5,	10	12.8,	189.2,	284.0,	-25.7,	9.1,
11	12.8,	223.9,	270.0,	-22.7,	29.3,	12	12.8,	251.8,	247.8,	-18.9,	48.7,
13	12.8,	272.0,	218.1,	-14.6,	66.6,	14	12.8,	283.9,	181.7,	-9.9,	82.4,
15	12.8,	287.3,	139.9,	-4.8,	95.8,	16	12.8,	281.9,	93.7,	0.4,	106.2,
17	12.8,	285.9,	103.9,	-20.3,	113.5,	18	12.8,	289.4,	148.8,	-62.9,	116.7,
19	12.8,	284.0,	189.2,	-103.7,	116.3,	20	12.8,	270.0,	223.9,	-141.3,	112.3,
21	12.8,	247.8,	251.8,	-174.6,	105.0,	22	12.8,	218.1,	272.0,	-202.6,	94.4,
23	12.8,	181.7,	283.9,	-224.4,	81.0,	24	12.8,	139.9,	287.3,	-239.4,	65.1,
25	12.8,	93.7,	281.9,	-247.2,	47.3,	26	12.8,	103.9,	285.9,	-256.5,	31.6,

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   27   12.8,  148.8,  289.4, -261.4,   11.5,     28   12.8,  189.2,  284.0,
-258.3,   -9.1,
   29   12.8,  223.9,  270.0, -247.3,  -29.3,     30   12.8,  251.8,  247.8,
-228.9,  -48.7,
   31   12.8,  272.0,  218.1, -203.5,  -66.6,     32   12.8,  283.9,  181.7,
-171.9,  -82.4,
   33   12.8,  287.3,  139.9, -135.1,  -95.8,     34   12.8,  281.9,   93.7,
-94.1, -106.2,
   35   12.8,  285.9,  103.9,  -83.6, -113.5,     36   12.8,  289.4,  148.8,
-85.9, -116.7,


 SOURCE ID: EG02
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2,  -90.9, -105.3,      2   12.8,  270.0,  223.9,
-89.8, -102.5,
    3   12.8,  247.8,  251.8,  -85.9,  -96.5,      4   12.8,  218.1,  272.0,
-79.5,  -87.6,
    5   12.8,  181.7,  283.9,  -70.6,  -76.0,      6   12.8,  139.9,  287.3,
-59.6,  -62.2,
    7   12.8,   93.7,  281.9,  -46.8,  -46.4,      8   12.8,  103.9,  285.9,
-41.5,  -32.9,
    9   12.8,  148.8,  289.4,  -39.7,  -14.8,     10   12.8,  189.2,  284.0,
-36.6,    3.8,
   11   12.8,  223.9,  270.0,  -32.5,   22.2,     12   12.8,  251.8,  247.8,
-27.4,   39.9,
   13   12.8,  272.0,  218.1,  -21.4,   56.5,     14   12.8,  283.9,  181.7,
-14.8,   71.3,
   15   12.8,  287.3,  139.9,   -7.8,   84.0,     16   12.8,  281.9,   93.7,
-0.5,   94.1,
   17   12.8,  285.9,  103.9,  -19.0,  101.5,     18   12.8,  289.4,  148.8,
-59.6,  105.0,
   19   12.8,  284.0,  189.2,  -98.4,  105.3,     20   12.8,  270.0,  223.9,
-134.1,  102.5,
   21   12.8,  247.8,  251.8, -165.8,   96.5,     22   12.8,  218.1,  272.0,
-192.5,   87.6,
   23   12.8,  181.7,  283.9, -213.3,   76.0,     24   12.8,  139.9,  287.3,
-227.6,   62.2,
   25   12.8,   93.7,  281.9, -235.0,   46.4,     26   12.8,  103.9,  285.9,
-244.4,   32.9,
   27   12.8,  148.8,  289.4, -249.7,   14.8,     28   12.8,  189.2,  284.0,
-247.4,   -3.8,
   29   12.8,  223.9,  270.0, -237.5,  -22.2,     30   12.8,  251.8,  247.8,
-220.4,  -39.9,
   31   12.8,  272.0,  218.1, -196.7,  -56.5,     32   12.8,  283.9,  181.7,
-166.9,  -71.3,
   33   12.8,  287.3,  139.9, -132.1,  -84.0,     34   12.8,  281.9,   93.7,
-93.3,  -94.1,
   35   12.8,  285.9,  103.9,  -84.8, -101.5,     36   12.8,  289.4,  148.8,
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-89.2, -105.0,

SOURCE ID: EG03

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-93.2,	-98.8,	2	12.8,	270.0,	223.9,	-93.2,	-96.5,
3	12.8,	247.8,	251.8,	-90.4,	-91.2,	4	12.8,	218.1,	272.0,	-84.8,	-83.2,
5	12.8,	181.7,	283.9,	-76.6,	-72.6,	6	12.8,	139.9,	287.3,	-66.2,	-59.8,
7	12.8,	93.7,	281.9,	-53.7,	-45.2,	8	12.8,	103.9,	285.9,	-48.4,	-32.9,
9	12.8,	148.8,	289.4,	-46.5,	-16.0,	10	12.8,	189.2,	284.0,	-43.2,	1.4,
11	12.8,	223.9,	270.0,	-38.5,	18.7,	12	12.8,	251.8,	247.8,	-32.7,	35.5,
13	12.8,	272.0,	218.1,	-25.9,	51.2,	14	12.8,	283.9,	181.7,	-18.3,	65.3,
15	12.8,	287.3,	139.9,	-10.1,	77.5,	16	12.8,	281.9,	93.7,	-1.7,	87.3,
17	12.8,	285.9,	103.9,	-19.0,	94.5,	18	12.8,	289.4,	148.8,	-58.4,	98.2,
19	12.8,	284.0,	189.2,	-96.0,	98.8,	20	12.8,	270.0,	223.9,	-130.7,	96.5,
21	12.8,	247.8,	251.8,	-161.4,	91.2,	22	12.8,	218.1,	272.0,	-187.2,	83.2,
23	12.8,	181.7,	283.9,	-207.3,	72.6,	24	12.8,	139.9,	287.3,	-221.1,	59.8,
25	12.8,	93.7,	281.9,	-228.2,	45.2,	26	12.8,	103.9,	285.9,	-237.5,	32.9,
27	12.8,	148.8,	289.4,	-242.9,	16.0,	28	12.8,	189.2,	284.0,	-240.8,	-1.4,
29	12.8,	223.9,	270.0,	-231.5,	-18.7,	30	12.8,	251.8,	247.8,	-215.1,	-35.5,
31	12.8,	272.0,	218.1,	-192.2,	-51.2,	32	12.8,	283.9,	181.7,	-163.5,	-65.3,
33	12.8,	287.3,	139.9,	-129.7,	-77.5,	34	12.8,	281.9,	93.7,	-92.1,	-87.3,
35	12.8,	285.9,	103.9,	-84.8,	-94.5,	36	12.8,	289.4,	148.8,	-90.4,	-98.2,

SOURCE ID: EG04

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-98.5,	-88.1,	2	12.8,	270.0,	223.9,	-100.3,	-86.9,
3	12.8,	247.8,	251.8,	-99.0,	-83.0,	4	12.8,	218.1,	272.0,		

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-94.7,  -76.5,
    5   12.8,  181.7,  283.9,  -87.5,  -67.8,      6   12.8,  139.9,  287.3,
-77.7,  -57.0,
    7   12.8,   93.7,  281.9,  -65.5,  -44.4,      8   12.8,  103.9,  285.9,
-60.3,  -34.2,
    9   12.8,  148.8,  289.4,  -57.9,  -19.3,     10   12.8,  189.2,  284.0,
-53.9,   -3.9,
   11   12.8,  223.9,  270.0,  -48.1,   11.7,     12   12.8,  251.8,  247.8,
-40.9,   26.9,
   13   12.8,  272.0,  218.1,  -32.5,   41.3,     14   12.8,  283.9,  181.7,
-23.1,   54.4,
   15   12.8,  287.3,  139.9,  -13.0,   65.9,     16   12.8,  281.9,   93.7,
-2.4,   75.4,
   17   12.8,  285.9,  103.9,  -17.8,   82.7,     18   12.8,  289.4,  148.8,
-55.1,   86.7,
   19   12.8,  284.0,  189.2,  -90.7,   88.1,     20   12.8,  270.0,  223.9,
-123.6,   86.9,
   21   12.8,  247.8,  251.8, -152.8,   83.0,     22   12.8,  218.1,  272.0,
-177.3,   76.5,
   23   12.8,  181.7,  283.9, -196.4,   67.8,     24   12.8,  139.9,  287.3,
-209.5,   57.0,
   25   12.8,   93.7,  281.9, -216.3,   44.4,     26   12.8,  103.9,  285.9,
-225.7,   34.2,
   27   12.8,  148.8,  289.4, -231.4,   19.3,     28   12.8,  189.2,  284.0,
-230.1,    3.9,
   29   12.8,  223.9,  270.0, -221.9,  -11.7,     30   12.8,  251.8,  247.8,
-206.9,  -26.9,
   31   12.8,  272.0,  218.1, -185.6,  -41.3,     32   12.8,  283.9,  181.7,
-158.6,  -54.4,
   33   12.8,  287.3,  139.9, -126.9,  -65.9,     34   12.8,  281.9,   93.7,
-91.3,  -75.4,
   35   12.8,  285.9,  103.9,  -86.1,  -82.7,     36   12.8,  289.4,  148.8,
-93.7,  -86.7,

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:13:40

                                  PAGE  18
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                       *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: EG05
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -100.9,  -82.4,      2   12.8,  270.0,  223.9,
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-103.7, -81.6,
    3   12.8, 247.8, 251.8, -103.2, -78.4,   4   12.8, 218.1, 272.0,
-99.7, -72.8,
    5   12.8, 181.7, 283.9, -93.1, -64.9,   6   12.8, 139.9, 287.3,
-83.7, -55.1,
    7   12.8,   93.7, 281.9, -71.8, -43.6,   8   12.8, 103.9, 285.9,
-66.5, -34.5,
    9   12.8, 148.8, 289.4, -64.0, -20.7,   10   12.8, 189.2, 284.0,
-59.6,   -6.3,
   11   12.8, 223.9, 270.0, -53.4,   8.3,   12   12.8, 251.8, 247.8,
-45.5,   22.6,
   13   12.8, 272.0, 218.1, -36.3,   36.3,   14   12.8, 283.9, 181.7,
-25.9,   48.9,
   15   12.8, 287.3, 139.9, -14.8,   59.9,   16   12.8, 281.9,   93.7,
-3.2,   69.2,
   17   12.8, 285.9, 103.9, -17.4,   76.5,   18   12.8, 289.4, 148.8,
-53.7,   80.6,
   19   12.8, 284.0, 189.2, -88.3,   82.4,   20   12.8, 270.0, 223.9,
-120.2,   81.6,
   21   12.8, 247.8, 251.8, -148.5,   78.4,   22   12.8, 218.1, 272.0,
-172.3,   72.8,
   23   12.8, 181.7, 283.9, -190.8,   64.9,   24   12.8, 139.9, 287.3,
-203.6,   55.1,
   25   12.8,   93.7, 281.9, -210.1,   43.6,   26   12.8, 103.9, 285.9,
-219.4,   34.5,
   27   12.8, 148.8, 289.4, -225.3,   20.7,   28   12.8, 189.2, 284.0,
-224.4,   6.3,
   29   12.8, 223.9, 270.0, -216.6,   -8.3,   30   12.8, 251.8, 247.8,
-202.3, -22.6,
   31   12.8, 272.0, 218.1, -181.8, -36.3,   32   12.8, 283.9, 181.7,
-155.8, -48.9,
   33   12.8, 287.3, 139.9, -125.0, -59.9,   34   12.8, 281.9,   93.7,
-90.5, -69.2,
   35   12.8, 285.9, 103.9, -86.4, -76.5,   36   12.8, 289.4, 148.8,
-95.1, -80.6,

 SOURCE ID: EG06
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -106.4, -71.1,   2   12.8, 270.0, 223.9,
-111.0, -71.5,
    3   12.8, 247.8, 251.8, -112.2, -69.6,   4   12.8, 218.1, 272.0,
-110.1, -65.7,
    5   12.8, 181.7, 283.9, -104.5, -59.8,   6   12.8, 139.9, 287.3,
-95.8, -52.0,
    7   12.8,   93.7, 281.9, -84.2, -42.7,   8   12.8, 103.9, 285.9,
-79.0, -35.8,
    9   12.8, 148.8, 289.4, -76.1, -24.1,   10   12.8, 189.2, 284.0,
-70.9, -11.8,

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   11   12.8,  223.9,  270.0,  -63.5,    1.0,     12   12.8,  251.8,  247.8,
-54.2,   13.7,
   13   12.8,  272.0,  218.1,  -43.3,   25.9,     14   12.8,  283.9,  181.7,
-31.1,   37.4,
   15   12.8,  287.3,  139.9,  -17.9,   47.8,     16   12.8,  281.9,   93.7,
-4.1,   56.7,
   17   12.8,  285.9,  103.9,  -16.2,   64.0,     18   12.8,  289.4,  148.8,
-50.3,   68.6,
   19   12.8,  284.0,  189.2,  -82.8,   71.1,     20   12.8,  270.0,  223.9,
-112.9,   71.5,
   21   12.8,  247.8,  251.8, -139.6,   69.6,     22   12.8,  218.1,  272.0,
-161.9,   65.7,
   23   12.8,  181.7,  283.9, -179.4,   59.8,     24   12.8,  139.9,  287.3,
-191.4,   52.0,
   25   12.8,   93.7,  281.9, -197.6,   42.7,     26   12.8,  103.9,  285.9,
-207.0,   35.8,
   27   12.8,  148.8,  289.4, -213.3,   24.1,     28   12.8,  189.2,  284.0,
-213.1,   11.8,
   29   12.8,  223.9,  270.0, -206.5,   -1.0,     30   12.8,  251.8,  247.8,
-193.6,  -13.7,
   31   12.8,  272.0,  218.1, -174.8,  -25.9,     32   12.8,  283.9,  181.7,
-150.7,  -37.4,
   33   12.8,  287.3,  139.9, -122.0,  -47.8,     34   12.8,  281.9,   93.7,
-89.6,  -56.7,
   35   12.8,  285.9,  103.9,  -87.7,  -64.0,     36   12.8,  289.4,  148.8,
-98.5,  -68.6,


 SOURCE ID: EG07
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -109.0,  -65.8,      2   12.8,  270.0,  223.9,
-114.5,  -66.7,
    3   12.8,  247.8,  251.8, -116.5,  -65.6,      4   12.8,  218.1,  272.0,
-115.0,  -62.5,
    5   12.8,  181.7,  283.9, -110.0,  -57.4,      6   12.8,  139.9,  287.3,
-101.6,  -50.7,
    7   12.8,   93.7,  281.9,  -90.1,  -42.4,      8   12.8,  103.9,  285.9,
-84.8,  -36.4,
    9   12.8,  148.8,  289.4,  -81.8,  -25.8,     10   12.8,  189.2,  284.0,
-76.2,  -14.4,
   11   12.8,  223.9,  270.0,  -68.3,   -2.6,     12   12.8,  251.8,  247.8,
-58.3,    9.4,
   13   12.8,  272.0,  218.1,  -46.6,   21.0,     14   12.8,  283.9,  181.7,
-33.4,   32.0,
   15   12.8,  287.3,  139.9,  -19.3,   42.0,     16   12.8,  281.9,   93.7,
-4.5,   50.8,
   17   12.8,  285.9,  103.9,  -15.5,   58.1,     18   12.8,  289.4,  148.8,
-48.6,   62.9,
   19   12.8,  284.0,  189.2,  -80.2,   65.8,     20   12.8,  270.0,  223.9,
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-109.4,   66.7,
   21   12.8, 247.8, 251.8, -135.3,   65.6,   22   12.8, 218.1, 272.0,
-157.0,   62.5,
   23   12.8, 181.7, 283.9, -174.0,   57.4,   24   12.8, 139.9, 287.3,
-185.7,   50.7,
   25   12.8,   93.7, 281.9, -191.7,   42.4,   26   12.8, 103.9, 285.9,
-201.1,   36.4,
   27   12.8, 148.8, 289.4, -207.6,   25.8,   28   12.8, 189.2, 284.0,
-207.8,   14.4,
   29   12.8, 223.9, 270.0, -201.7,   2.6,   30   12.8, 251.8, 247.8,
-189.5,   -9.4,
   31   12.8, 272.0, 218.1, -171.5, -21.0,   32   12.8, 283.9, 181.7,
-148.3, -32.0,
   33   12.8, 287.3, 139.9, -120.6, -42.0,   34   12.8, 281.9,   93.7,
-89.2, -50.8,
   35   12.8, 285.9, 103.9, -88.4, -58.1,   36   12.8, 289.4, 148.8,
-100.2, -62.9,

 SOURCE ID: EG08
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -114.4, -54.9,   2   12.8, 270.0, 223.9,
-121.7, -56.9,
    3   12.8, 247.8, 251.8, -125.3, -57.2,   4   12.8, 218.1, 272.0,
-125.1, -55.7,
    5   12.8, 181.7, 283.9, -121.1, -52.5,   6   12.8, 139.9, 287.3,
-113.4, -47.8,
    7   12.8,   93.7, 281.9, -102.2, -41.5,   8   12.8, 103.9, 285.9,
-96.9, -37.7,
    9   12.8, 148.8, 289.4, -93.4, -29.2,   10   12.8, 189.2, 284.0,
-87.1, -19.8,
   11   12.8, 223.9, 270.0, -78.1,   -9.7,   12   12.8, 251.8, 247.8,
-66.7,   0.6,
   13   12.8, 272.0, 218.1, -53.3,   10.9,   14   12.8, 283.9, 181.7,
-38.3,   20.9,
   15   12.8, 287.3, 139.9, -22.2,   30.2,   16   12.8, 281.9,   93.7,
-5.3,   38.7,
   17   12.8, 285.9, 103.9, -14.2,   46.0,   18   12.8, 289.4, 148.8,
-45.2,   51.3,
   19   12.8, 284.0, 189.2, -74.9,   54.9,   20   12.8, 270.0, 223.9,
-102.2,   56.9,
   21   12.8, 247.8, 251.8, -126.5,   57.2,   22   12.8, 218.1, 272.0,
-146.9,   55.7,
   23   12.8, 181.7, 283.9, -162.9,   52.5,   24   12.8, 139.9, 287.3,
-173.9,   47.8,
   25   12.8,   93.7, 281.9, -179.6,   41.5,   26   12.8, 103.9, 285.9,
-189.0,   37.7,
   27   12.8, 148.8, 289.4, -196.0,   29.2,   28   12.8, 189.2, 284.0,
-196.9,   19.8,

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   29   12.8,  223.9,  270.0, -191.9,    9.7,     30   12.8,  251.8,  247.8,
-181.1,   -0.6,
   31   12.8,  272.0,  218.1, -164.7,  -10.9,     32   12.8,  283.9,  181.7,
-143.4,  -20.9,
   33   12.8,  287.3,  139.9, -117.7,  -30.2,     34   12.8,  281.9,   93.7,
-88.4,  -38.7,
   35   12.8,  285.9,  103.9,  -89.7,  -46.0,     36   12.8,  289.4,  148.8,
-103.6,  -51.3,

↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE  19
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                        *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: EG09
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -116.3,  -50.2,      2   12.8,  270.0,  223.9,
-124.4,  -52.6,
    3   12.8,  247.8,  251.8, -128.7,  -53.4,      4   12.8,  218.1,  272.0,
-129.1,  -52.6,
    5   12.8,  181.7,  283.9, -125.6,  -50.2,      6   12.8,  139.9,  287.3,
-118.2,  -46.2,
    7   12.8,   93.7,  281.9, -107.3,  -40.9,      8   12.8,  103.9,  285.9,
-102.0,  -38.0,
    9   12.8,  148.8,  289.4,  -98.4,  -30.3,     10   12.8,  189.2,  284.0,
-91.8,  -21.7,
   11   12.8,  223.9,  270.0,  -82.4,  -12.4,     12   12.8,  251.8,  247.8,
-70.5,   -2.8,
   13   12.8,  272.0,  218.1,  -56.4,    6.9,     14   12.8,  283.9,  181.7,
-40.7,   16.4,
   15   12.8,  287.3,  139.9,  -23.7,   25.4,     16   12.8,  281.9,   93.7,
-6.0,   33.7,
   17   12.8,  285.9,  103.9,  -14.0,   41.0,     18   12.8,  289.4,  148.8,
-44.1,   46.3,
   19   12.8,  284.0,  189.2,  -72.9,   50.2,     20   12.8,  270.0,  223.9,
-99.5,   52.6,
   21   12.8,  247.8,  251.8, -123.1,   53.4,     22   12.8,  218.1,  272.0,
-142.9,   52.6,
   23   12.8,  181.7,  283.9, -158.4,   50.2,     24   12.8,  139.9,  287.3,
-169.1,   46.2,
   25   12.8,   93.7,  281.9, -174.6,   40.9,     26   12.8,  103.9,  285.9,
-184.0,   38.0,
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   27   12.8,  148.8,  289.4, -191.0,   30.3,     28   12.8,  189.2,  284.0,
-192.2,   21.7,
   29   12.8,  223.9,  270.0, -187.6,   12.4,     30   12.8,  251.8,  247.8,
-177.3,    2.8,
   31   12.8,  272.0,  218.1, -161.7,   -6.9,     32   12.8,  283.9,  181.7,
-141.1,  -16.4,
   33   12.8,  287.3,  139.9, -116.2,  -25.4,     34   12.8,  281.9,   93.7,
-87.8,  -33.7,
   35   12.8,  285.9,  103.9,  -89.9,  -41.0,     36   12.8,  289.4,  148.8,
-104.7,  -46.3,


 SOURCE ID: EG10
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -121.6,  -37.6,      2   12.8,  270.0,  223.9,
-131.8,  -41.2,
    3   12.8,  247.8,  251.8, -138.0,  -43.4,      4   12.8,  218.1,  272.0,
-140.0,  -44.3,
    5   12.8,  181.7,  283.9, -137.7,  -43.9,      6   12.8,  139.9,  287.3,
-131.2,  -42.2,
    7   12.8,   93.7,  281.9, -120.8,  -39.2,      8   12.8,  103.9,  285.9,
-115.6,  -38.6,
    9   12.8,  148.8,  289.4, -111.7,  -33.3,     10   12.8,  189.2,  284.0,
-104.3,  -27.0,
   11   12.8,  223.9,  270.0,  -93.8,  -19.8,     12   12.8,  251.8,  247.8,
-80.5,  -12.1,
   13   12.8,  272.0,  218.1,  -64.7,   -3.9,     14   12.8,  283.9,  181.7,
-46.9,    4.3,
   15   12.8,  287.3,  139.9,  -27.7,   12.4,     16   12.8,  281.9,   93.7,
-7.7,   20.1,
   17   12.8,  285.9,  103.9,  -13.3,   27.4,     18   12.8,  289.4,  148.8,
-41.1,   33.0,
   19   12.8,  284.0,  189.2,  -67.6,   37.6,     20   12.8,  270.0,  223.9,
-92.1,   41.2,
   21   12.8,  247.8,  251.8, -113.8,   43.4,     22   12.8,  218.1,  272.0,
-132.0,   44.3,
   23   12.8,  181.7,  283.9, -146.3,   43.9,     24   12.8,  139.9,  287.3,
-156.0,   42.2,
   25   12.8,   93.7,  281.9, -161.1,   39.2,     26   12.8,  103.9,  285.9,
-170.3,   38.6,
   27   12.8,  148.8,  289.4, -177.7,   33.3,     28   12.8,  189.2,  284.0,
-179.7,   27.0,
   29   12.8,  223.9,  270.0, -176.2,   19.8,     30   12.8,  251.8,  247.8,
-167.3,   12.1,
   31   12.8,  272.0,  218.1, -153.4,    3.9,     32   12.8,  283.9,  181.7,
-134.8,   -4.3,
   33   12.8,  287.3,  139.9, -112.1,  -12.4,     34   12.8,  281.9,   93.7,
-86.0,  -20.1,
   35   12.8,  285.9,  103.9,  -90.5,  -27.4,     36   12.8,  289.4,  148.8,
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-107.7, -33.0,

SOURCE ID: EG11

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-124.9,	-31.7,	2	12.8,	270.0,	223.9,	-136.1,	-35.9,
3	12.8,	247.8,	251.8,	-143.1,	-39.0,	4	12.8,	218.1,	272.0,	-145.8,	-40.9,
5	12.8,	181.7,	283.9,	-144.1,	-41.5,	6	12.8,	139.9,	287.3,	-137.9,	-40.9,
7	12.8,	93.7,	281.9,	-127.6,	-39.1,	8	12.8,	103.9,	285.9,	-122.3,	-39.7,
9	12.8,	148.8,	289.4,	-118.1,	-35.5,	10	12.8,	189.2,	284.0,	-110.3,	-30.3,
11	12.8,	223.9,	270.0,	-99.1,	-24.1,	12	12.8,	251.8,	247.8,	-84.9,	-17.2,
13	12.8,	272.0,	218.1,	-68.2,	-9.8,	14	12.8,	283.9,	181.7,	-49.3,	-2.1,
15	12.8,	287.3,	139.9,	-29.0,	5.7,	16	12.8,	281.9,	93.7,	-7.8,	13.3,
17	12.8,	285.9,	103.9,	-12.2,	20.6,	18	12.8,	289.4,	148.8,	-38.9,	26.6,
19	12.8,	284.0,	189.2,	-64.3,	31.7,	20	12.8,	270.0,	223.9,	-87.8,	35.9,
21	12.8,	247.8,	251.8,	-108.7,	39.0,	22	12.8,	218.1,	272.0,	-126.2,	40.9,
23	12.8,	181.7,	283.9,	-139.9,	41.5,	24	12.8,	139.9,	287.3,	-149.3,	40.9,
25	12.8,	93.7,	281.9,	-154.2,	39.1,	26	12.8,	103.9,	285.9,	-163.6,	39.7,
27	12.8,	148.8,	289.4,	-171.3,	35.5,	28	12.8,	189.2,	284.0,	-173.7,	30.3,
29	12.8,	223.9,	270.0,	-170.9,	24.1,	30	12.8,	251.8,	247.8,	-162.9,	17.2,
31	12.8,	272.0,	218.1,	-149.9,	9.8,	32	12.8,	283.9,	181.7,	-132.4,	2.1,
33	12.8,	287.3,	139.9,	-110.8,	-5.7,	34	12.8,	281.9,	93.7,	-85.9,	-13.3,
35	12.8,	285.9,	103.9,	-91.6,	-20.6,	36	12.8,	289.4,	148.8,	-110.0,	-26.6,

SOURCE ID: EG12

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-130.1,	-21.4,	2	12.8,	270.0,	223.9,	-143.0,	-26.7,
3	12.8,	247.8,	251.8,	-151.5,	-31.1,	4	12.8,	218.1,	272.0,		

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-155.4,  -34.6,
    5   12.8,  181.7,  283.9, -154.6,  -37.0,      6   12.8,  139.9,  287.3,
-149.1,  -38.3,
    7   12.8,   93.7,  281.9, -139.1,  -38.4,      8   12.8,  103.9,  285.9,
-133.8,  -41.1,
    9   12.8,  148.8,  289.4, -129.1,  -38.9,     10   12.8,  189.2,  284.0,
-120.6,  -35.5,
   11   12.8,  223.9,  270.0, -108.3,  -31.0,     12   12.8,  251.8,  247.8,
-92.8,  -25.6,
   13   12.8,  272.0,  218.1,  -74.5,  -19.4,     14   12.8,  283.9,  181.7,
-53.9,  -12.7,
   15   12.8,  287.3,  139.9,  -31.6,   -5.5,     16   12.8,  281.9,   93.7,
-8.4,    1.8,
   17   12.8,  285.9,  103.9,  -10.9,    9.2,     18   12.8,  289.4,  148.8,
-35.5,   15.6,
   19   12.8,  284.0,  189.2,  -59.1,   21.4,     20   12.8,  270.0,  223.9,
-80.9,   26.7,
   21   12.8,  247.8,  251.8, -100.3,   31.1,     22   12.8,  218.1,  272.0,
-116.6,   34.6,
   23   12.8,  181.7,  283.9, -129.3,   37.0,     24   12.8,  139.9,  287.3,
-138.1,   38.3,
   25   12.8,   93.7,  281.9, -142.8,   38.4,     26   12.8,  103.9,  285.9,
-152.2,   41.1,
   27   12.8,  148.8,  289.4, -160.2,   38.9,     28   12.8,  189.2,  284.0,
-163.4,   35.5,
   29   12.8,  223.9,  270.0, -161.7,   31.0,     30   12.8,  251.8,  247.8,
-155.0,   25.6,
   31   12.8,  272.0,  218.1, -143.6,   19.4,     32   12.8,  283.9,  181.7,
-127.8,   12.7,
   33   12.8,  287.3,  139.9, -108.2,    5.5,     34   12.8,  281.9,   93.7,
-85.3,   -1.8,
   35   12.8,  285.9,  103.9,  -93.0,   -9.2,     36   12.8,  289.4,  148.8,
-113.3,  -15.6,

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:13:40

                                  PAGE  20
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                       *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: EG13
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -132.6,  -15.5,      2   12.8,  270.0,  223.9,
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-146.5,  -21.2,
    3   12.8,  247.8,  251.8, -155.9,  -26.4,      4   12.8,  218.1,  272.0,
-160.6,  -30.7,
    5   12.8,  181.7,  283.9, -160.4,  -34.0,      6   12.8,  139.9,  287.3,
-155.3,  -36.4,
    7   12.8,   93.7,  281.9, -145.5,  -37.6,      8   12.8,  103.9,  285.9,
-140.2,  -41.4,
    9   12.8,  148.8,  289.4, -135.4,  -40.3,     10   12.8,  189.2,  284.0,
-126.5,  -38.0,
   11   12.8,  223.9,  270.0, -113.8,  -34.5,     12   12.8,  251.8,  247.8,
-97.5,  -30.0,
   13   12.8,  272.0,  218.1,  -78.4,  -24.6,     14   12.8,  283.9,  181.7,
-56.8,  -18.4,
   15   12.8,  287.3,  139.9,  -33.5,  -11.7,     16   12.8,  281.9,   93.7,
-9.2,   -4.6,
   17   12.8,  285.9,  103.9,  -10.6,    2.8,     18   12.8,  289.4,  148.8,
-34.1,    9.3,
   19   12.8,  284.0,  189.2,  -56.6,   15.5,     20   12.8,  270.0,  223.9,
-77.4,   21.2,
   21   12.8,  247.8,  251.8,  -95.9,   26.4,     22   12.8,  218.1,  272.0,
-111.4,   30.7,
   23   12.8,  181.7,  283.9, -123.6,   34.0,     24   12.8,  139.9,  287.3,
-132.0,   36.4,
   25   12.8,   93.7,  281.9, -136.4,   37.6,     26   12.8,  103.9,  285.9,
-145.7,   41.4,
   27   12.8,  148.8,  289.4, -154.0,   40.3,     28   12.8,  189.2,  284.0,
-157.5,   38.0,
   29   12.8,  223.9,  270.0, -156.2,   34.5,     30   12.8,  251.8,  247.8,
-150.3,   30.0,
   31   12.8,  272.0,  218.1, -139.7,   24.6,     32   12.8,  283.9,  181.7,
-124.9,   18.4,
   33   12.8,  287.3,  139.9, -106.3,   11.7,     34   12.8,  281.9,   93.7,
-84.5,    4.6,
   35   12.8,  285.9,  103.9,  -93.3,   -2.8,     36   12.8,  289.4,  148.8,
-114.7,   -9.3,


 SOURCE ID: EG14
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -137.7,   -4.3,      2   12.8,  270.0,  223.9,
-153.4,  -11.1,
    3   12.8,  247.8,  251.8, -164.5,  -17.6,      4   12.8,  218.1,  272.0,
-170.6,  -23.5,
    5   12.8,  181.7,  283.9, -171.5,  -28.8,      6   12.8,  139.9,  287.3,
-167.1,  -33.1,
    7   12.8,   93.7,  281.9, -157.7,  -36.4,      8   12.8,  103.9,  285.9,
-152.5,  -42.3,
    9   12.8,  148.8,  289.4, -147.3,  -43.4,     10   12.8,  189.2,  284.0,
-137.7,  -43.1,
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   11   12.8,  223.9,  270.0, -123.9,  -41.5,     12   12.8,  251.8,  247.8,
-106.3,  -38.6,
   13   12.8,  272.0,  218.1,  -85.5,  -34.6,     14   12.8,  283.9,  181.7,
-62.1,  -29.5,
   15   12.8,  287.3,  139.9,  -36.8,  -23.5,     16   12.8,  281.9,   93.7,
-10.4,  -16.8,
   17   12.8,  285.9,  103.9,   -9.6,   -9.5,     18   12.8,  289.4,  148.8,
-31.0,   -2.6,
   19   12.8,  284.0,  189.2,  -51.5,    4.3,     20   12.8,  270.0,  223.9,
-70.5,   11.1,
   21   12.8,  247.8,  251.8,  -87.3,   17.6,     22   12.8,  218.1,  272.0,
-101.4,   23.5,
   23   12.8,  181.7,  283.9, -112.5,   28.8,     24   12.8,  139.9,  287.3,
-120.1,   33.1,
   25   12.8,   93.7,  281.9, -124.1,   36.4,     26   12.8,  103.9,  285.9,
-133.5,   42.3,
   27   12.8,  148.8,  289.4, -142.1,   43.4,     28   12.8,  189.2,  284.0,
-146.3,   43.1,
   29   12.8,  223.9,  270.0, -146.1,   41.5,     30   12.8,  251.8,  247.8,
-141.5,   38.6,
   31   12.8,  272.0,  218.1, -132.6,   34.6,     32   12.8,  283.9,  181.7,
-119.6,   29.5,
   33   12.8,  287.3,  139.9, -103.0,   23.5,     34   12.8,  281.9,   93.7,
-83.3,   16.8,
   35   12.8,  285.9,  103.9,  -94.3,    9.5,     36   12.8,  289.4,  148.8,
-117.8,    2.6,


 SOURCE ID: EG15
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -140.3,    1.4,      2   12.8,  270.0,  223.9,
-157.0,   -5.9,
    3   12.8,  247.8,  251.8, -168.9,  -13.1,      4   12.8,  218.1,  272.0,
-175.7,  -19.9,
    5   12.8,  181.7,  283.9, -177.1,  -26.0,      6   12.8,  139.9,  287.3,
-173.2,  -31.4,
    7   12.8,   93.7,  281.9, -164.0,  -35.8,      8   12.8,  103.9,  285.9,
-158.7,  -42.8,
    9   12.8,  148.8,  289.4, -153.4,  -44.9,     10   12.8,  189.2,  284.0,
-143.4,  -45.6,
   11   12.8,  223.9,  270.0, -129.1,  -45.0,     12   12.8,  251.8,  247.8,
-110.8,  -43.0,
   13   12.8,  272.0,  218.1,  -89.2,  -39.7,     14   12.8,  283.9,  181.7,
-64.8,  -35.1,
   15   12.8,  287.3,  139.9,  -38.5,  -29.5,     16   12.8,  281.9,   93.7,
-11.1,  -23.1,
   17   12.8,  285.9,  103.9,   -9.1,  -15.7,     18   12.8,  289.4,  148.8,
-29.5,   -8.7,
   19   12.8,  284.0,  189.2,  -49.0,   -1.4,     20   12.8,  270.0,  223.9,
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-67.0,   5.9,
   21   12.8, 247.8, 251.8, -82.9,   13.1,   22   12.8, 218.1, 272.0,
-96.3,   19.9,
   23   12.8, 181.7, 283.9, -106.8,   26.0,   24   12.8, 139.9, 287.3,
-114.1,   31.4,
   25   12.8,   93.7, 281.9, -117.9,   35.8,   26   12.8, 103.9, 285.9,
-127.2,   42.8,
   27   12.8, 148.8, 289.4, -136.0,   44.9,   28   12.8, 189.2, 284.0,
-140.6,   45.6,
   29   12.8, 223.9, 270.0, -140.9,   45.0,   30   12.8, 251.8, 247.8,
-137.0,   43.0,
   31   12.8, 272.0, 218.1, -128.9,   39.7,   32   12.8, 283.9, 181.7,
-116.9,   35.1,
   33   12.8, 287.3, 139.9, -101.3,   29.5,   34   12.8, 281.9,   93.7,
-82.7,   23.1,
   35   12.8, 285.9, 103.9, -94.8,   15.7,   36   12.8, 289.4, 148.8,
-119.3,   8.7,

 SOURCE ID: EG16
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -145.7,   12.1,   2   12.8, 270.0, 223.9,
-164.1,   3.6,
    3   12.8, 247.8, 251.8, -177.6,   -4.9,   4   12.8, 218.1, 272.0,
-185.7, -13.4,
    5   12.8, 181.7, 283.9, -188.1, -21.4,   6   12.8, 139.9, 287.3,
-184.8, -28.7,
    7   12.8,   93.7, 281.9, -175.9, -35.2,   8   12.8, 103.9, 285.9,
-170.6, -44.2,
    9   12.8, 148.8, 289.4, -164.8, -48.4,   10   12.8, 189.2, 284.0,
-154.1, -51.1,
   11   12.8, 223.9, 270.0, -138.6, -52.2,   12   12.8, 251.8, 247.8,
-119.0, -51.7,
   13   12.8, 272.0, 218.1, -95.7, -49.7,   14   12.8, 283.9, 181.7,
-69.5, -46.1,
   15   12.8, 287.3, 139.9, -41.2, -41.2,   16   12.8, 281.9,   93.7,
-11.7, -35.0,
   17   12.8, 285.9, 103.9,   -7.7, -27.6,   18   12.8, 289.4, 148.8,
-26.0, -20.1,
   19   12.8, 284.0, 189.2, -43.5, -12.1,   20   12.8, 270.0, 223.9,
-59.8,   -3.6,
   21   12.8, 247.8, 251.8, -74.2,   4.9,   22   12.8, 218.1, 272.0,
-86.3,   13.4,
   23   12.8, 181.7, 283.9, -95.8,   21.4,   24   12.8, 139.9, 287.3,
-102.5,   28.7,
   25   12.8,   93.7, 281.9, -106.0,   35.2,   26   12.8, 103.9, 285.9,
-115.4,   44.2,
   27   12.8, 148.8, 289.4, -124.5,   48.4,   28   12.8, 189.2, 284.0,
-130.0,   51.1,

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   27   12.8,  148.8,  289.4, -117.9,   49.5,     28   12.8,  189.2,  284.0,
-123.6,   53.3,
   29   12.8,  223.9,  270.0, -125.5,   55.5,     30   12.8,  251.8,  247.8,
-123.7,   56.0,
   31   12.8,  272.0,  218.1, -118.0,   54.8,     32   12.8,  283.9,  181.7,
-108.8,   51.9,
   33   12.8,  287.3,  139.9,  -96.3,   47.4,     34   12.8,  281.9,   93.7,
-80.8,   41.6,
   35   12.8,  285.9,  103.9,  -96.1,   34.3,     36   12.8,  289.4,  148.8,
-123.9,   26.7,


 SOURCE ID: EG18
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -153.6,   29.0,      2   12.8,  270.0,  223.9,
-174.8,   18.9,
    3   12.8,  247.8,  251.8, -190.8,    8.3,      4   12.8,  218.1,  272.0,
-201.0,   -2.6,
    5   12.8,  181.7,  283.9, -205.0,  -13.4,      6   12.8,  139.9,  287.3,
-202.9,  -23.9,
    7   12.8,   93.7,  281.9, -194.5,  -33.5,      8   12.8,  103.9,  285.9,
-189.2,  -45.9,
    9   12.8,  148.8,  289.4, -182.9,  -53.2,     10   12.8,  189.2,  284.0,
-171.0,  -58.9,
   11   12.8,  223.9,  270.0, -153.9,  -62.9,     12   12.8,  251.8,  247.8,
-132.2,  -64.9,
   13   12.8,  272.0,  218.1, -106.4,  -65.0,     14   12.8,  283.9,  181.7,
-77.4,  -63.0,
   15   12.8,  287.3,  139.9,  -46.1,  -59.2,     16   12.8,  281.9,   93.7,
-13.3,  -53.6,
   17   12.8,  285.9,  103.9,   -6.1,  -46.2,     18   12.8,  289.4,  148.8,
-21.2,  -38.2,
   19   12.8,  284.0,  189.2,  -35.7,  -29.0,     20   12.8,  270.0,  223.9,
-49.1,  -18.9,
   21   12.8,  247.8,  251.8,  -61.0,   -8.3,     22   12.8,  218.1,  272.0,
-71.0,    2.6,
   23   12.8,  181.7,  283.9,  -78.9,   13.4,     24   12.8,  139.9,  287.3,
-84.4,   23.9,
   25   12.8,   93.7,  281.9,  -87.4,   33.5,     26   12.8,  103.9,  285.9,
-96.8,   45.9,
   27   12.8,  148.8,  289.4, -106.5,   53.2,     28   12.8,  189.2,  284.0,
-113.0,   58.9,
   29   12.8,  223.9,  270.0, -116.1,   62.9,     30   12.8,  251.8,  247.8,
-115.6,   64.9,
   31   12.8,  272.0,  218.1, -111.7,   65.0,     32   12.8,  283.9,  181.7,
-104.3,   63.0,
   33   12.8,  287.3,  139.9,  -93.8,   59.2,     34   12.8,  281.9,   93.7,
-80.4,   53.6,
   35   12.8,  285.9,  103.9,  -97.8,   46.2,     36   12.8,  289.4,  148.8,
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-127.6,   38.2,

SOURCE ID: EG19

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-156.2,	34.8,	2	12.8,	270.0,	223.9,	-178.4,	24.1,
3	12.8,	247.8,	251.8,	-195.2,	12.8,	4	12.8,	218.1,	272.0,	-206.1,	1.1,
5	12.8,	181.7,	283.9,	-210.7,	-10.7,	6	12.8,	139.9,	287.3,	-208.9,	-22.1,
7	12.8,	93.7,	281.9,	-200.8,	-32.9,	8	12.8,	103.9,	285.9,	-195.5,	-46.3,
9	12.8,	148.8,	289.4,	-189.0,	-54.8,	10	12.8,	189.2,	284.0,	-176.8,	-61.5,
11	12.8,	223.9,	270.0,	-159.2,	-66.5,	12	12.8,	251.8,	247.8,	-136.7,	-69.3,
13	12.8,	272.0,	218.1,	-110.1,	-70.1,	14	12.8,	283.9,	181.7,	-80.2,	-68.8,
15	12.8,	287.3,	139.9,	-47.8,	-65.3,	16	12.8,	281.9,	93.7,	-14.0,	-59.9,
17	12.8,	285.9,	103.9,	-5.6,	-52.5,	18	12.8,	289.4,	148.8,	-19.6,	-44.3,
19	12.8,	284.0,	189.2,	-33.1,	-34.8,	20	12.8,	270.0,	223.9,	-45.5,	-24.1,
21	12.8,	247.8,	251.8,	-56.6,	-12.8,	22	12.8,	218.1,	272.0,	-65.9,	-1.1,
23	12.8,	181.7,	283.9,	-73.2,	10.7,	24	12.8,	139.9,	287.3,	-78.3,	22.1,
25	12.8,	93.7,	281.9,	-81.1,	32.9,	26	12.8,	103.9,	285.9,	-90.5,	46.3,
27	12.8,	148.8,	289.4,	-100.4,	54.8,	28	12.8,	189.2,	284.0,	-107.2,	61.5,
29	12.8,	223.9,	270.0,	-110.9,	66.5,	30	12.8,	251.8,	247.8,	-111.1,	69.3,
31	12.8,	272.0,	218.1,	-108.0,	70.1,	32	12.8,	283.9,	181.7,	-101.6,	68.8,
33	12.8,	287.3,	139.9,	-92.1,	65.3,	34	12.8,	281.9,	93.7,	-79.8,	59.9,
35	12.8,	285.9,	103.9,	-98.3,	52.5,	36	12.8,	289.4,	148.8,	-129.2,	44.3,

SOURCE ID: EG20

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	284.0,	189.2,	-161.3,	45.8,	2	12.8,	270.0,	223.9,	-185.4,	34.1,
3	12.8,	247.8,	251.8,	-203.8,	21.4,	4	12.8,	218.1,	272.0,		

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-216.1,    8.1,
    5   12.8,  181.7,  283.9, -221.8,   -5.5,      6   12.8,  139.9,  287.3,
-220.7,  -19.0,
    7   12.8,   93.7,  281.9, -213.0,  -31.8,      8   12.8,  103.9,  285.9,
-207.6,  -47.4,
    9   12.8,  148.8,  289.4, -200.8,  -57.9,     10   12.8,  189.2,  284.0,
-187.8,  -66.7,
   11   12.8,  223.9,  270.0, -169.2,  -73.4,     12   12.8,  251.8,  247.8,
-145.3,  -77.9,
   13   12.8,  272.0,  218.1, -117.1,  -80.1,     14   12.8,  283.9,  181.7,
-85.3,  -79.8,
   15   12.8,  287.3,  139.9,  -51.0,  -77.1,     16   12.8,  281.9,   93.7,
-15.1,  -72.0,
   17   12.8,  285.9,  103.9,   -4.6,  -64.7,     18   12.8,  289.4,  148.8,
-16.5,  -56.1,
   19   12.8,  284.0,  189.2,  -27.9,  -45.8,     20   12.8,  270.0,  223.9,
-38.5,  -34.1,
   21   12.8,  247.8,  251.8,  -48.0,  -21.4,     22   12.8,  218.1,  272.0,
-55.9,   -8.1,
   23   12.8,  181.7,  283.9,  -62.2,    5.5,     24   12.8,  139.9,  287.3,
-66.6,   19.0,
   25   12.8,   93.7,  281.9,  -68.9,   31.8,     26   12.8,  103.9,  285.9,
-78.3,   47.4,
   27   12.8,  148.8,  289.4,  -88.6,   57.9,     28   12.8,  189.2,  284.0,
-96.2,   66.7,
   29   12.8,  223.9,  270.0, -100.9,   73.4,     30   12.8,  251.8,  247.8,
-102.5,   77.9,
   31   12.8,  272.0,  218.1, -101.0,   80.1,     32   12.8,  283.9,  181.7,
-96.4,   79.8,
   33   12.8,  287.3,  139.9,  -88.9,   77.1,     34   12.8,  281.9,   93.7,
-78.7,   72.0,
   35   12.8,  285.9,  103.9,  -99.3,   64.7,     36   12.8,  289.4,  148.8,
-132.3,   56.1,

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:13:40

                                  PAGE  22
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                       *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: EG21
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -164.0,   51.3,      2   12.8,  270.0,  223.9,
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-189.0,   39.1,
    3   12.8, 247.8, 251.8, -208.2,   25.7,   4   12.8, 218.1, 272.0,
-221.2,   11.5,
    5   12.8, 181.7, 283.9, -227.4,   -3.0,   6   12.8, 139.9, 287.3,
-226.7, -17.5,
    7   12.8,   93.7, 281.9, -219.1, -31.4,   8   12.8, 103.9, 285.9,
-213.7, -48.0,
    9   12.8, 148.8, 289.4, -206.7, -59.6,   10   12.8, 189.2, 284.0,
-193.3, -69.3,
   11   12.8, 223.9, 270.0, -174.1, -77.0,   12   12.8, 251.8, 247.8,
-149.6, -82.3,
   13   12.8, 272.0, 218.1, -120.6, -85.1,   14   12.8, 283.9, 181.7,
-87.8, -85.4,
   15   12.8, 287.3, 139.9, -52.5, -83.0,   16   12.8, 281.9,   93.7,
-15.5, -78.1,
   17   12.8, 285.9, 103.9,   -3.9, -70.8,   18   12.8, 289.4, 148.8,
-14.8, -62.0,
   19   12.8, 284.0, 189.2, -25.3, -51.3,   20   12.8, 270.0, 223.9,
-34.9, -39.1,
   21   12.8, 247.8, 251.8, -43.5, -25.7,   22   12.8, 218.1, 272.0,
-50.8, -11.5,
   23   12.8, 181.7, 283.9, -56.6,   3.0,   24   12.8, 139.9, 287.3,
-60.6,   17.5,
   25   12.8,   93.7, 281.9, -62.8,   31.4,   26   12.8, 103.9, 285.9,
-72.2,   48.0,
   27   12.8, 148.8, 289.4, -82.7,   59.6,   28   12.8, 189.2, 284.0,
-90.7,   69.3,
   29   12.8, 223.9, 270.0, -95.9,   77.0,   30   12.8, 251.8, 247.8,
-98.2,   82.3,
   31   12.8, 272.0, 218.1, -97.5,   85.1,   32   12.8, 283.9, 181.7,
-93.9,   85.4,
   33   12.8, 287.3, 139.9, -87.4,   83.0,   34   12.8, 281.9,   93.7,
-78.2,   78.1,
   35   12.8, 285.9, 103.9, -99.9,   70.8,   36   12.8, 289.4, 148.8,
-134.0,   62.0,

 SOURCE ID: EG22
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   12.8, 284.0, 189.2, -168.6,   62.3,   2   12.8, 270.0, 223.9,
-195.4,   49.2,
    3   12.8, 247.8, 251.8, -216.3,   34.5,   4   12.8, 218.1, 272.0,
-230.7,   18.8,
    5   12.8, 181.7, 283.9, -238.0,   2.4,   6   12.8, 139.9, 287.3,
-238.1, -13.9,
    7   12.8,   93.7, 281.9, -230.9, -29.9,   8   12.8, 103.9, 285.9,
-225.7, -48.6,
    9   12.8, 148.8, 289.4, -218.3, -62.2,   10   12.8, 189.2, 284.0,
-204.4, -74.0,

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   11   12.8,  223.9,  270.0, -184.2,  -83.5,     12   12.8,  251.8,  247.8,
-158.4,  -90.5,
   13   12.8,  272.0,  218.1, -127.8,  -94.7,     14   12.8,  283.9,  181.7,
-93.3,  -96.0,
   15   12.8,  287.3,  139.9,  -56.0,  -94.4,     16   12.8,  281.9,   93.7,
-17.0,  -90.0,
   17   12.8,  285.9,  103.9,   -3.3,  -82.7,     18   12.8,  289.4,  148.8,
-12.2,  -73.6,
   19   12.8,  284.0,  189.2,  -20.6,  -62.3,     20   12.8,  270.0,  223.9,
-28.5,  -49.2,
   21   12.8,  247.8,  251.8,  -35.4,  -34.5,     22   12.8,  218.1,  272.0,
-41.3,  -18.8,
   23   12.8,  181.7,  283.9,  -46.0,   -2.4,     24   12.8,  139.9,  287.3,
-49.2,   13.9,
   25   12.8,   93.7,  281.9,  -50.9,   29.9,     26   12.8,  103.9,  285.9,
-60.3,   48.6,
   27   12.8,  148.8,  289.4,  -71.0,   62.2,     28   12.8,  189.2,  284.0,
-79.6,   74.0,
   29   12.8,  223.9,  270.0,  -85.8,   83.5,     30   12.8,  251.8,  247.8,
-89.4,   90.5,
   31   12.8,  272.0,  218.1,  -90.3,   94.7,     32   12.8,  283.9,  181.7,
-88.4,   96.0,
   33   12.8,  287.3,  139.9,  -83.8,   94.4,     34   12.8,  281.9,   93.7,
-76.7,   90.0,
   35   12.8,  285.9,  103.9, -100.5,   82.7,     36   12.8,  289.4,  148.8,
-136.6,   73.6,


 SOURCE ID: EG23
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -171.8,   68.3,      2   12.8,  270.0,  223.9,
-199.7,   54.4,
    3   12.8,  247.8,  251.8, -221.4,   38.9,      4   12.8,  218.1,  272.0,
-236.4,   22.2,
    5   12.8,  181.7,  283.9, -244.3,    4.9,      6   12.8,  139.9,  287.3,
-244.7,  -12.6,
    7   12.8,   93.7,  281.9, -237.7,  -29.7,      8   12.8,  103.9,  285.9,
-232.3,  -49.6,
    9   12.8,  148.8,  289.4, -224.7,  -64.4,     10   12.8,  189.2,  284.0,
-210.3,  -77.2,
   11   12.8,  223.9,  270.0, -189.4,  -87.7,     12   12.8,  251.8,  247.8,
-162.8,  -95.5,
   13   12.8,  272.0,  218.1, -131.3, -100.4,     14   12.8,  283.9,  181.7,
-95.8, -102.3,
   15   12.8,  287.3,  139.9,  -57.3, -101.0,     16   12.8,  281.9,   93.7,
-17.1,  -96.7,
   17   12.8,  285.9,  103.9,   -2.3,  -89.4,     18   12.8,  289.4,  148.8,
-10.0,  -80.0,
   19   12.8,  284.0,  189.2,  -17.4,  -68.3,     20   12.8,  270.0,  223.9,
```

```
-24.2,  -54.4,
   21   12.8,  247.8,  251.8,  -30.4,  -38.9,     22   12.8,  218.1,  272.0,
-35.6,  -22.2,
   23   12.8,  181.7,  283.9,  -39.7,   -4.9,     24   12.8,  139.9,  287.3,
-42.6,   12.6,
   25   12.8,   93.7,  281.9,  -44.2,   29.7,     26   12.8,  103.9,  285.9,
-53.6,   49.6,
   27   12.8,  148.8,  289.4,  -64.7,   64.4,     28   12.8,  189.2,  284.0,
-73.7,   77.2,
   29   12.8,  223.9,  270.0,  -80.6,   87.7,     30   12.8,  251.8,  247.8,
-85.0,   95.5,
   31   12.8,  272.0,  218.1,  -86.8,  100.4,     32   12.8,  283.9,  181.7,
-86.0,  102.3,
   33   12.8,  287.3,  139.9,  -82.5,  101.0,     34   12.8,  281.9,   93.7,
-76.6,   96.7,
   35   12.8,  285.9,  103.9, -101.5,   89.4,     36   12.8,  289.4,  148.8,
-138.8,   80.0,


 SOURCE ID: EG24
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   12.8,  284.0,  189.2, -176.8,   79.6,      2   12.8,  270.0,  223.9,
-206.5,   64.7,
    3   12.8,  247.8,  251.8, -229.9,   47.9,      4   12.8,  218.1,  272.0,
-246.4,   29.6,
    5   12.8,  181.7,  283.9, -255.3,   10.4,      6   12.8,  139.9,  287.3,
-256.5,   -9.1,
    7   12.8,   93.7,  281.9, -250.0,  -28.3,      8   12.8,  103.9,  285.9,
-244.7,  -50.4,
    9   12.8,  148.8,  289.4, -236.7,  -67.3,     10   12.8,  189.2,  284.0,
-221.6,  -82.2,
   11   12.8,  223.9,  270.0, -199.7,  -94.5,     12   12.8,  251.8,  247.8,
-171.8, -104.0,
   13   12.8,  272.0,  218.1, -138.6, -110.4,     14   12.8,  283.9,  181.7,
-101.3, -113.4,
   15   12.8,  287.3,  139.9,  -60.8, -112.9,     16   12.8,  281.9,   93.7,
-18.5, -109.0,
   17   12.8,  285.9,  103.9,   -1.6, -101.7,     18   12.8,  289.4,  148.8,
-7.1,  -92.0,
   19   12.8,  284.0,  189.2,  -12.5,  -79.6,     20   12.8,  270.0,  223.9,
-17.4,  -64.7,
   21   12.8,  247.8,  251.8,  -21.9,  -47.9,     22   12.8,  218.1,  272.0,
-25.6,  -29.6,
   23   12.8,  181.7,  283.9,  -28.6,  -10.4,     24   12.8,  139.9,  287.3,
-30.7,    9.1,
   25   12.8,   93.7,  281.9,  -31.9,   28.3,     26   12.8,  103.9,  285.9,
-41.3,   50.4,
   27   12.8,  148.8,  289.4,  -52.6,   67.3,     28   12.8,  189.2,  284.0,
-62.4,   82.2,
```

```
   29   12.8,  223.9,  270.0,  -70.3,   94.5,     30   12.8,  251.8,  247.8,
-76.0,  104.0,
   31   12.8,  272.0,  218.1,  -79.4,  110.4,     32   12.8,  283.9,  181.7,
-80.5,  113.4,
   33   12.8,  287.3,  139.9,  -79.0,  112.9,     34   12.8,  281.9,   93.7,
-75.2,  109.0,
   35   12.8,  285.9,  103.9, -102.3,  101.7,     36   12.8,  289.4,  148.8,
-141.7,   92.0,

↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE  23
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG01         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = EG02   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = EG03   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                    DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  26
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG04         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG05 ; SOURCE TYPE = POINT :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG06 ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG07 ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  30
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG08         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG09   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                 DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG10 ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = EG11 ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01

```
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  34
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG12         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG13   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

```
 SOURCE ID = EG14          ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  37
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG15          ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  38
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG16         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
```

22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = EG17   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = EG18   ; SOURCE TYPE = POINT   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  41
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG19         ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG20   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG21   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .1000E+01   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG22   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

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 - - -
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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  46
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = EG24          ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .1000E+01    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396558.3, 3766771.1, 87.6, 105.5, 2.0); (396598.3, 3766771.1, 91.2, 105.5, 2.0);
(396638.3, 3766771.1, 99.2, 100.5, 2.0); (396678.3, 3766771.1, 103.0, 103.0, 2.0);
(396718.3, 3766771.1, 105.1, 105.1, 2.0); (396758.3, 3766771.1, 104.2, 105.0, 2.0);
(396798.3, 3766771.1, 100.8, 100.8, 2.0); (396838.3, 3766771.1, 100.7, 100.7, 2.0);
(396878.3, 3766771.1, 100.6, 100.6, 2.0); (396918.3, 3766771.1, 101.1, 101.1, 2.0);
(396958.3, 3766771.1, 101.5, 101.5, 2.0); (396998.3, 3766771.1, 101.5, 101.5, 2.0);
(397038.3, 3766771.1, 101.3, 101.3, 2.0); (397078.3, 3766771.1, 101.1, 185.1, 2.0);
(397118.3, 3766771.1, 100.2, 185.1, 2.0); (397158.3, 3766771.1, 98.7, 187.7, 2.0);
(397198.3, 3766771.1, 98.3, 188.4, 2.0); (397238.3, 3766771.1, 98.6, 188.6, 2.0);
(397278.3, 3766771.1, 99.2, 188.6, 2.0); (397318.3, 3766771.1, 99.9, 188.6, 2.0);
(397358.3, 3766771.1, 100.6, 188.6, 2.0); (397398.3, 3766771.1, 101.5, 189.8, 2.0);
(397438.3, 3766771.1, 102.2, 191.1, 2.0); (397478.3, 3766771.1, 103.1, 191.1, 2.0);
(397518.3, 3766771.1, 103.9, 191.1, 2.0); (397558.3, 3766771.1, 104.6, 191.1, 2.0);
(397598.3, 3766771.1, 105.3, 191.1, 2.0); (397638.3, 3766771.1, 106.0, 191.1, 2.0);
(397678.3, 3766771.1, 106.6, 191.1, 2.0); (397718.3, 3766771.1, 106.6, 191.1, 2.0);
(396558.3, 3766811.1, 87.7, 105.5, 2.0); (396598.3, 3766811.1, 89.4, 105.5, 2.0);
(396638.3, 3766811.1, 97.3, 104.7, 2.0); (396678.3, 3766811.1, 102.7, 104.1, 2.0);
(396718.3, 3766811.1, 102.9, 102.9, 2.0); (396758.3, 3766811.1, 100.1, 105.5, 2.0);
(396798.3, 3766811.1, 100.2, 100.2, 2.0); (396838.3, 3766811.1, 100.5, 100.5, 2.0);
(396878.3, 3766811.1, 100.7, 100.7, 2.0); (396918.3, 3766811.1, 101.4, 101.4, 2.0);
(396958.3, 3766811.1, 102.1, 102.1, 2.0); (396998.3,

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3766811.1,     102.4,     102.4,       2.0);
     ( 397038.3, 3766811.1,     102.3,     102.3,       2.0);         ( 397078.3,
3766811.1,     102.1,     102.1,       2.0);
     ( 397118.3, 3766811.1,     102.6,     102.6,       2.0);         ( 397158.3,
3766811.1,     102.5,     185.1,       2.0);
     ( 397198.3, 3766811.1,     101.3,     185.2,       2.0);         ( 397238.3,
3766811.1,     100.1,     188.4,       2.0);
     ( 397278.3, 3766811.1,      99.7,     188.6,       2.0);         ( 397318.3,
3766811.1,     100.2,     188.6,       2.0);
     ( 397358.3, 3766811.1,     101.1,     188.6,       2.0);         ( 397398.3,
3766811.1,     101.9,     189.2,       2.0);
     ( 397438.3, 3766811.1,     102.7,     190.2,       2.0);         ( 397478.3,
3766811.1,     103.6,     191.1,       2.0);
     ( 397518.3, 3766811.1,     104.3,     191.1,       2.0);         ( 397558.3,
3766811.1,     105.0,     191.1,       2.0);
     ( 397598.3, 3766811.1,     105.7,     191.1,       2.0);         ( 397638.3,
3766811.1,     106.4,     191.1,       2.0);
     ( 397678.3, 3766811.1,     107.1,     191.1,       2.0);         ( 397718.3,
3766811.1,     107.6,     191.1,       2.0);
     ( 396558.3, 3766851.1,      89.1,     104.7,       2.0);         ( 396598.3,
3766851.1,      89.0,     105.5,       2.0);
     ( 396638.3, 3766851.1,      92.1,     105.5,       2.0);         ( 396678.3,
3766851.1,      96.9,     104.7,       2.0);
     ( 396718.3, 3766851.1,      98.6,     104.7,       2.0);         ( 396758.3,
3766851.1,      98.5,      98.5,       2.0);
     ( 396798.3, 3766851.1,      99.2,      99.2,       2.0);         ( 396838.3,
3766851.1,     100.0,     100.0,       2.0);
     ( 396878.3, 3766851.1,     101.2,     101.2,       2.0);         ( 396918.3,
3766851.1,     101.4,     101.4,       2.0);
     ( 396958.3, 3766851.1,     102.1,     102.1,       2.0);         ( 396998.3,
3766851.1,     102.7,     102.7,       2.0);
     ( 397038.3, 3766851.1,     102.8,     102.8,       2.0);         ( 397078.3,
3766851.1,     103.5,     103.5,       2.0);
     ( 397118.3, 3766851.1,     104.5,     104.5,       2.0);         ( 397158.3,
3766851.1,     104.8,     104.8,       2.0);
     ( 397198.3, 3766851.1,     104.2,     104.2,       2.0);         ( 397238.3,
3766851.1,     103.8,     184.7,       2.0);
     ( 397278.3, 3766851.1,     102.9,     187.0,       2.0);         ( 397318.3,
3766851.1,     101.3,     188.6,       2.0);
     ( 397358.3, 3766851.1,     101.6,     188.6,       2.0);         ( 397398.3,
3766851.1,     102.3,     188.6,       2.0);
     ( 397438.3, 3766851.1,     103.2,     189.8,       2.0);         ( 397478.3,
3766851.1,     104.0,     190.2,       2.0);
     ( 397518.3, 3766851.1,     104.7,     191.1,       2.0);         ( 397558.3,
3766851.1,     105.4,     191.1,       2.0);
     ( 397598.3, 3766851.1,     106.1,     191.1,       2.0);         ( 397638.3,
3766851.1,     106.8,     191.1,       2.0);
     ( 397678.3, 3766851.1,     107.5,     191.1,       2.0);         ( 397718.3,
3766851.1,     108.2,     191.1,       2.0);
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
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 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                          (METERS)

     (396558.3, 3766891.1,   89.9,   133.9,   2.0);   (396598.3,
3766891.1,   89.3,   133.9,   2.0);
     (396638.3, 3766891.1,   91.7,   104.7,   2.0);   (396678.3,
3766891.1,   96.0,   96.0,   2.0);
     (396718.3, 3766891.1,   97.4,   97.4,   2.0);   (396758.3,
3766891.1,   98.2,   98.2,   2.0);
     (396798.3, 3766891.1,   98.9,   98.9,   2.0);   (396838.3,
3766891.1,   99.6,   99.6,   2.0);
     (396878.3, 3766891.1,   100.9,   100.9,   2.0);   (396918.3,
3766891.1,   100.8,   100.8,   2.0);
     (396958.3, 3766891.1,   101.7,   101.7,   2.0);   (396998.3,
3766891.1,   102.5,   102.5,   2.0);
     (397038.3, 3766891.1,   103.1,   103.1,   2.0);   (397078.3,
3766891.1,   105.4,   105.4,   2.0);
     (397118.3, 3766891.1,   106.4,   106.4,   2.0);   (397158.3,
3766891.1,   105.5,   105.5,   2.0);
     (397198.3, 3766891.1,   106.8,   106.8,   2.0);   (397238.3,
3766891.1,   106.2,   106.2,   2.0);
     (397278.3, 3766891.1,   106.0,   106.0,   2.0);   (397318.3,
3766891.1,   105.6,   184.0,   2.0);
     (397358.3, 3766891.1,   104.0,   188.3,   2.0);   (397398.3,
3766891.1,   102.9,   188.6,   2.0);
     (397438.3, 3766891.1,   103.4,   188.6,   2.0);   (397478.3,
3766891.1,   104.2,   189.8,   2.0);
     (397518.3, 3766891.1,   105.2,   190.2,   2.0);   (397558.3,
3766891.1,   105.8,   191.1,   2.0);
     (397598.3, 3766891.1,   106.5,   191.1,   2.0);   (397638.3,
3766891.1,   107.2,   191.1,   2.0);
     (397678.3, 3766891.1,   107.9,   191.1,   2.0);   (397718.3,
3766891.1,   108.8,   191.1,   2.0);
     (396558.3, 3766931.1,   91.6,   135.0,   2.0);   (396598.3,
3766931.1,   91.1,   135.0,   2.0);
     (396638.3, 3766931.1,   93.8,   93.8,   2.0);   (396678.3,
3766931.1,   94.9,   94.9,   2.0);
     (396718.3, 3766931.1,   97.3,   97.3,   2.0);   (396758.3,
3766931.1,   98.4,   98.4,   2.0);
     (396798.3, 3766931.1,   99.1,   99.1,   2.0);   (396838.3,
3766931.1,   99.5,   99.5,   2.0);
     (396878.3, 3766931.1,   100.0,   100.0,   2.0);   (396918.3,

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3766931.1,     100.6,     100.6,       2.0);
     ( 396958.3, 3766931.1,     101.3,     101.3,       2.0);         ( 396998.3,
3766931.1,     102.5,     102.5,       2.0);
     ( 397038.3, 3766931.1,     104.5,     104.5,       2.0);         ( 397078.3,
3766931.1,     106.6,     106.6,       2.0);
     ( 397118.3, 3766931.1,     108.4,     108.4,       2.0);         ( 397158.3,
3766931.1,     108.6,     108.6,       2.0);
     ( 397198.3, 3766931.1,     109.1,     109.1,       2.0);         ( 397238.3,
3766931.1,     108.9,     108.9,       2.0);
     ( 397278.3, 3766931.1,     107.8,     107.8,       2.0);         ( 397318.3,
3766931.1,     107.8,     147.6,       2.0);
     ( 397358.3, 3766931.1,     109.6,     118.5,       2.0);         ( 397398.3,
3766931.1,     107.2,     184.7,       2.0);
     ( 397438.3, 3766931.1,     105.1,     188.4,       2.0);         ( 397478.3,
3766931.1,     105.0,     188.6,       2.0);
     ( 397518.3, 3766931.1,     106.2,     188.6,       2.0);         ( 397558.3,
3766931.1,     106.4,     190.2,       2.0);
     ( 397598.3, 3766931.1,     106.9,     191.1,       2.0);         ( 397638.3,
3766931.1,     107.5,     191.1,       2.0);
     ( 397678.3, 3766931.1,     108.1,     191.1,       2.0);         ( 397718.3,
3766931.1,     110.0,     191.1,       2.0);
     ( 396558.3, 3766971.1,      93.1,     135.5,       2.0);         ( 396598.3,
3766971.1,      92.7,     135.5,       2.0);
     ( 396638.3, 3766971.1,      94.0,     135.0,       2.0);         ( 396678.3,
3766971.1,      95.0,     133.9,       2.0);
     ( 396718.3, 3766971.1,      96.8,      96.8,       2.0);         ( 396758.3,
3766971.1,      98.2,      98.2,       2.0);
     ( 396798.3, 3766971.1,      99.2,      99.2,       2.0);         ( 396838.3,
3766971.1,     100.1,     100.1,       2.0);
     ( 396878.3, 3766971.1,     100.1,     100.1,       2.0);         ( 396918.3,
3766971.1,     100.5,     100.5,       2.0);
     ( 396958.3, 3766971.1,     101.3,     134.6,       2.0);         ( 396998.3,
3766971.1,     103.3,     103.3,       2.0);
     ( 397038.3, 3766971.1,     105.5,     105.5,       2.0);         ( 397078.3,
3766971.1,     107.4,     107.4,       2.0);
     ( 397118.3, 3766971.1,     109.2,     109.2,       2.0);         ( 397158.3,
3766971.1,     109.7,     109.7,       2.0);
     ( 397198.3, 3766971.1,     109.7,     109.7,       2.0);         ( 397238.3,
3766971.1,     109.6,     109.6,       2.0);
     ( 397278.3, 3766971.1,     109.3,     149.0,       2.0);         ( 397318.3,
3766971.1,     110.3,     149.0,       2.0);
     ( 397358.3, 3766971.1,     115.5,     117.7,       2.0);         ( 397398.3,
3766971.1,     114.0,     118.2,       2.0);
     ( 397438.3, 3766971.1,     109.0,     149.0,       2.0);         ( 397478.3,
3766971.1,     107.3,     186.4,       2.0);
     ( 397518.3, 3766971.1,     107.2,     188.3,       2.0);         ( 397558.3,
3766971.1,     107.1,     188.6,       2.0);
     ( 397598.3, 3766971.1,     107.4,     190.2,       2.0);         ( 397638.3,
3766971.1,     107.7,     190.6,       2.0);
     ( 397678.3, 3766971.1,     107.8,     191.1,       2.0);         ( 397718.3,
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(396558.3, 3767011.1,   94.7,   135.7,   2.0);   (396598.3, 3767011.1,   93.5,   135.7,   2.0);
(396638.3, 3767011.1,   94.6,   135.5,   2.0);   (396678.3, 3767011.1,   96.0,   135.0,   2.0);
(396718.3, 3767011.1,   97.0,   133.9,   2.0);   (396758.3, 3767011.1,   98.4,   98.4,   2.0);
(396798.3, 3767011.1,   99.5,   99.5,   2.0);   (396838.3, 3767011.1,   100.6,   100.6,   2.0);
(396878.3, 3767011.1,   100.9,   134.6,   2.0);   (396918.3, 3767011.1,   101.3,   134.6,   2.0);
(396958.3, 3767011.1,   101.5,   134.7,   2.0);   (396998.3, 3767011.1,   103.7,   134.6,   2.0);
(397038.3, 3767011.1,   105.8,   134.6,   2.0);   (397078.3, 3767011.1,   107.7,   107.7,   2.0);
(397118.3, 3767011.1,   109.4,   109.4,   2.0);   (397158.3, 3767011.1,   109.6,   109.6,   2.0);
(397198.3, 3767011.1,   109.7,   147.6,   2.0);   (397238.3, 3767011.1,   109.5,   149.0,   2.0);
(397278.3, 3767011.1,   110.1,   149.0,   2.0);   (397318.3, 3767011.1,   111.3,   149.0,   2.0);
(397358.3, 3767011.1,   116.5,   147.6,   2.0);   (397398.3, 3767011.1,   118.0,   118.0,   2.0);
(397438.3, 3767011.1,   113.2,   149.0,   2.0);   (397478.3, 3767011.1,   109.0,   149.0,   2.0);
(397518.3, 3767011.1,   108.0,   149.0,   2.0);   (397558.3, 3767011.1,   107.9,   187.3,   2.0);
(397598.3, 3767011.1,   107.9,   188.3,   2.0);   (397638.3, 3767011.1,   108.1,   189.8,   2.0);
(397678.3, 3767011.1,   108.0,   190.6,   2.0);   (397718.3, 3767011.1,   111.5,   190.2,   2.0);
(396558.3, 3767051.1,   96.1,   135.7,   2.0);   (396598.3, 3767051.1,   95.6,   135.7,   2.0);
(396638.3, 3767051.1,   95.1,   135.7,   2.0);   (396678.3, 3767051.1,   96.7,   135.7,   2.0);
(396718.3, 3767051.1,   97.9,   135.5,   2.0);   (396758.3, 3767051.1,   99.0,   133.9,   2.0);
(396798.3, 3767051.1,   100.2,   134.6,   2.0);   (396838.3,

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3767051.1,     101.2,     134.6,       2.0);
     ( 396878.3, 3767051.1,     102.1,     134.6,       2.0);         ( 396918.3,
3767051.1,     102.9,     142.2,       2.0);
     ( 396958.3, 3767051.1,     103.1,     142.2,       2.0);         ( 396998.3,
3767051.1,     104.0,     142.2,       2.0);
     ( 397038.3, 3767051.1,     105.9,     140.2,       2.0);         ( 397078.3,
3767051.1,     107.8,     134.6,       2.0);
     ( 397118.3, 3767051.1,     109.1,     134.6,       2.0);         ( 397158.3,
3767051.1,     109.4,     149.0,       2.0);
     ( 397198.3, 3767051.1,     109.5,     149.0,       2.0);         ( 397238.3,
3767051.1,     109.4,     149.0,       2.0);
     ( 397278.3, 3767051.1,     110.4,     149.0,       2.0);         ( 397318.3,
3767051.1,     111.8,     149.0,       2.0);
     ( 397358.3, 3767051.1,     114.0,     149.0,       2.0);         ( 397398.3,
3767051.1,     117.9,     149.0,       2.0);
     ( 397438.3, 3767051.1,     115.9,     149.0,       2.0);         ( 397478.3,
3767051.1,     112.9,     149.0,       2.0);
     ( 397518.3, 3767051.1,     111.4,     149.0,       2.0);         ( 397558.3,
3767051.1,     111.1,     149.0,       2.0);
     ( 397598.3, 3767051.1,     109.6,     149.0,       2.0);         ( 397638.3,
3767051.1,     108.8,     186.4,       2.0);
     ( 397678.3, 3767051.1,     108.9,     187.8,       2.0);         ( 397718.3,
3767051.1,     112.3,     184.8,       2.0);
     ( 396558.3, 3767091.1,      98.4,     135.7,       2.0);         ( 396598.3,
3767091.1,      98.8,     135.7,       2.0);
     ( 396638.3, 3767091.1,      96.8,     135.7,       2.0);         ( 396678.3,
3767091.1,      96.6,     135.7,       2.0);
     ( 396718.3, 3767091.1,      98.4,     135.7,       2.0);         ( 396758.3,
3767091.1,      99.8,     135.0,       2.0);
     ( 396798.3, 3767091.1,     100.9,     134.6,       2.0);         ( 396838.3,
3767091.1,     102.1,     142.2,       2.0);
     ( 396878.3, 3767091.1,     102.9,     142.2,       2.0);         ( 396918.3,
3767091.1,     103.6,     142.2,       2.0);
     ( 396958.3, 3767091.1,     104.0,     142.2,       2.0);         ( 396998.3,
3767091.1,     105.4,     142.2,       2.0);
     ( 397078.3, 3767091.1,     107.8,     147.6,       2.0);         ( 397118.3,
3767091.1,     108.7,     149.0,       2.0);
     ( 397158.3, 3767091.1,     109.1,     149.0,       2.0);         ( 397198.3,
3767091.1,     109.5,     149.0,       2.0);
     ( 397238.3, 3767091.1,     109.5,     149.0,       2.0);         ( 397278.3,
3767091.1,     110.5,     149.0,       2.0);
     ( 397318.3, 3767091.1,     111.9,     149.0,       2.0);         ( 397358.3,
3767091.1,     113.8,     149.0,       2.0);
     ( 397398.3, 3767091.1,     116.6,     149.0,       2.0);         ( 397438.3,
3767091.1,     117.2,     149.0,       2.0);
     ( 397478.3, 3767091.1,     118.2,     149.0,       2.0);         ( 397518.3,
3767091.1,     117.6,     149.0,       2.0);
     ( 397558.3, 3767091.1,     117.9,     149.0,       2.0);         ( 397598.3,
3767091.1,     114.8,     149.0,       2.0);
     ( 397638.3, 3767091.1,     110.9,     149.0,       2.0);         ( 397678.3,
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3767091.1,   110.4,   149.0,   2.0);
     (397718.3, 3767091.1,   112.0,   147.2,   2.0);   (396558.3,
3767131.1,   101.2,   135.7,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (396598.3, 3767131.1,   101.2,   135.7,   2.0);   (396638.3,
3767131.1,   100.3,   135.7,   2.0);
     (396678.3, 3767131.1,   97.7,   135.7,   2.0);   (396718.3,
3767131.1,   98.2,   135.7,   2.0);
     (396758.3, 3767131.1,   100.1,   142.2,   2.0);   (396798.3,
3767131.1,   101.8,   142.2,   2.0);
     (396838.3, 3767131.1,   103.2,   142.2,   2.0);   (396878.3,
3767131.1,   104.6,   142.2,   2.0);
     (396918.3, 3767131.1,   104.8,   142.2,   2.0);   (396958.3,
3767131.1,   106.1,   142.2,   2.0);
     (397238.3, 3767131.1,   111.0,   149.0,   2.0);   (397278.3,
3767131.1,   111.3,   149.0,   2.0);
     (397318.3, 3767131.1,   112.3,   149.0,   2.0);   (397358.3,
3767131.1,   114.1,   149.0,   2.0);
     (397398.3, 3767131.1,   116.4,   149.0,   2.0);   (397438.3,
3767131.1,   117.3,   149.0,   2.0);
     (397478.3, 3767131.1,   119.7,   149.0,   2.0);   (397518.3,
3767131.1,   119.3,   149.0,   2.0);
     (397558.3, 3767131.1,   119.0,   149.0,   2.0);   (397598.3,
3767131.1,   117.4,   149.0,   2.0);
     (397638.3, 3767131.1,   112.6,   149.0,   2.0);   (397678.3,
3767131.1,   111.8,   149.0,   2.0);
     (397718.3, 3767131.1,   112.0,   148.5,   2.0);   (396558.3,
3767171.1,   104.7,   135.7,   2.0);
     (396598.3, 3767171.1,   103.9,   135.7,   2.0);   (396638.3,
3767171.1,   103.5,   135.7,   2.0);
     (396678.3, 3767171.1,   100.8,   135.7,   2.0);   (396718.3,
3767171.1,   98.7,   142.2,   2.0);
     (396758.3, 3767171.1,   99.9,   142.2,   2.0);   (396798.3,
3767171.1,   102.6,   142.2,   2.0);
     (396838.3, 3767171.1,   104.8,   142.2,   2.0);   (396878.3,
3767171.1,   107.3,   142.2,   2.0);
     (396918.3, 3767171.1,   109.2,   142.2,   2.0);   (397438.3,
3767171.1,   117.8,   149.0,   2.0);
     (397478.3, 3767171.1,   118.3,   149.0,   2.0);   (397518.3,

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3767171.1,     117.1,     149.0,       2.0);
     ( 397558.3, 3767171.1,     116.0,     149.0,       2.0);         ( 397598.3,
3767171.1,     114.8,     149.3,       2.0);
     ( 397638.3, 3767171.1,     113.6,     149.3,       2.0);         ( 397678.3,
3767171.1,     113.6,     149.0,       2.0);
     ( 397718.3, 3767171.1,     113.3,     148.8,       2.0);         ( 396558.3,
3767211.1,     106.5,     135.7,       2.0);
     ( 396598.3, 3767211.1,     106.3,     135.7,       2.0);         ( 396638.3,
3767211.1,     105.5,     135.7,       2.0);
     ( 396678.3, 3767211.1,     105.1,     135.7,       2.0);         ( 396718.3,
3767211.1,     100.8,     178.2,       2.0);
     ( 396758.3, 3767211.1,     100.1,     179.2,       2.0);         ( 396798.3,
3767211.1,     102.1,     178.2,       2.0);
     ( 396838.3, 3767211.1,     105.7,     142.2,       2.0);         ( 396878.3,
3767211.1,     108.1,     142.2,       2.0);
     ( 396918.3, 3767211.1,     111.7,     142.2,       2.0);         ( 396958.3,
3767211.1,     113.3,     142.2,       2.0);
     ( 397438.3, 3767211.1,     124.2,     149.0,       2.0);         ( 397478.3,
3767211.1,     123.3,     149.0,       2.0);
     ( 397518.3, 3767211.1,     119.6,     149.3,       2.0);         ( 397558.3,
3767211.1,     117.5,     149.3,       2.0);
     ( 397598.3, 3767211.1,     115.6,     149.6,       2.0);         ( 397638.3,
3767211.1,     115.3,     149.3,       2.0);
     ( 397678.3, 3767211.1,     115.4,     149.3,       2.0);         ( 397718.3,
3767211.1,     114.8,     148.9,       2.0);
     ( 396558.3, 3767251.1,     111.2,     135.7,       2.0);         ( 396598.3,
3767251.1,     110.0,     135.7,       2.0);
     ( 396638.3, 3767251.1,     109.5,     135.7,       2.0);         ( 396678.3,
3767251.1,     109.1,     135.7,       2.0);
     ( 396718.3, 3767251.1,     105.3,     136.3,       2.0);         ( 396758.3,
3767251.1,     101.1,     187.0,       2.0);
     ( 396798.3, 3767251.1,     102.0,     187.3,       2.0);         ( 396838.3,
3767251.1,     104.5,     187.3,       2.0);
     ( 396878.3, 3767251.1,     109.0,     142.2,       2.0);         ( 396918.3,
3767251.1,     117.0,     142.2,       2.0);
     ( 396958.3, 3767251.1,     119.7,     142.2,       2.0);         ( 396998.3,
3767251.1,     121.8,     142.2,       2.0);
     ( 397038.3, 3767251.1,     123.3,     142.2,       2.0);         ( 397078.3,
3767251.1,     120.5,     142.2,       2.0);
     ( 397118.3, 3767251.1,     113.7,     187.6,       2.0);         ( 397318.3,
3767251.1,     118.7,     149.0,       2.0);
     ( 397358.3, 3767251.1,     124.9,     149.0,       2.0);         ( 397398.3,
3767251.1,     133.5,     149.0,       2.0);
     ( 397438.3, 3767251.1,     134.6,     149.0,       2.0);         ( 397478.3,
3767251.1,     130.7,     149.0,       2.0);
     ( 397518.3, 3767251.1,     125.3,     149.0,       2.0);         ( 397558.3,
3767251.1,     123.5,     149.3,       2.0);
     ( 397598.3, 3767251.1,     121.4,     149.3,       2.0);         ( 397638.3,
3767251.1,     118.3,     149.6,       2.0);
     ( 397678.3, 3767251.1,     117.5,     149.3,       2.0);         ( 397718.3,
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3767251.1,   116.6,   149.2,   2.0);
     (396558.3, 3767291.1,   125.5,   135.5,   2.0);   (396598.3,
3767291.1,   120.7,   135.7,   2.0);
     (396638.3, 3767291.1,   119.2,   135.7,   2.0);   (396678.3,
3767291.1,   115.6,   135.7,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (396718.3, 3767291.1,   111.7,   135.7,   2.0);   (396758.3,
3767291.1,   102.9,   187.3,   2.0);
     (396798.3, 3767291.1,   102.6,   188.3,   2.0);   (396838.3,
3767291.1,   104.8,   188.3,   2.0);
     (396878.3, 3767291.1,   115.3,   142.2,   2.0);   (396918.3,
3767291.1,   120.6,   142.2,   2.0);
     (396958.3, 3767291.1,   122.8,   142.2,   2.0);   (396998.3,
3767291.1,   128.6,   140.2,   2.0);
     (397038.3, 3767291.1,   134.4,   134.4,   2.0);   (397078.3,
3767291.1,   132.8,   134.1,   2.0);
     (397118.3, 3767291.1,   125.5,   142.2,   2.0);   (397158.3,
3767291.1,   115.4,   188.9,   2.0);
     (397278.3, 3767291.1,   120.7,   149.0,   2.0);   (397318.3,
3767291.1,   124.3,   149.0,   2.0);
     (397358.3, 3767291.1,   133.3,   149.0,   2.0);   (397398.3,
3767291.1,   143.5,   147.8,   2.0);
     (397438.3, 3767291.1,   143.7,   147.8,   2.0);   (397478.3,
3767291.1,   139.6,   148.3,   2.0);
     (397518.3, 3767291.1,   137.4,   148.5,   2.0);   (397558.3,
3767291.1,   138.5,   145.4,   2.0);
     (397598.3, 3767291.1,   136.8,   144.6,   2.0);   (397638.3,
3767291.1,   127.3,   148.8,   2.0);
     (397678.3, 3767291.1,   120.5,   149.3,   2.0);   (397718.3,
3767291.1,   118.7,   150.4,   2.0);
     (396558.3, 3767331.1,   134.0,   134.0,   2.0);   (396598.3,
3767331.1,   131.8,   131.8,   2.0);
     (396638.3, 3767331.1,   128.4,   129.7,   2.0);   (396678.3,
3767331.1,   120.2,   135.7,   2.0);
     (396718.3, 3767331.1,   114.9,   135.7,   2.0);   (396758.3,
3767331.1,   105.4,   187.6,   2.0);
     (396798.3, 3767331.1,   103.5,   188.9,   2.0);   (396838.3,
3767331.1,   105.5,   188.9,   2.0);
     (396878.3, 3767331.1,   116.4,   178.2,   2.0);   (396918.3,

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3767331.1,     122.3,     142.2,       2.0);
     ( 396958.3, 3767331.1,     125.5,     142.2,       2.0);         ( 396998.3,
3767331.1,     127.4,     142.2,       2.0);
     ( 397038.3, 3767331.1,     133.7,     140.2,       2.0);         ( 397078.3,
3767331.1,     135.0,     135.0,       2.0);
     ( 397118.3, 3767331.1,     132.2,     142.2,       2.0);         ( 397158.3,
3767331.1,     126.8,     142.2,       2.0);
     ( 397198.3, 3767331.1,     125.9,     149.0,       2.0);         ( 397238.3,
3767331.1,     124.0,     149.0,       2.0);
     ( 397278.3, 3767331.1,     125.5,     149.0,       2.0);         ( 397318.3,
3767331.1,     131.3,     149.0,       2.0);
     ( 397358.3, 3767331.1,     138.4,     149.0,       2.0);         ( 397398.3,
3767331.1,     147.7,     147.7,       2.0);
     ( 397438.3, 3767331.1,     147.6,     147.6,       2.0);         ( 397478.3,
3767331.1,     145.7,     145.7,       2.0);
     ( 397518.3, 3767331.1,     145.0,     145.0,       2.0);         ( 397558.3,
3767331.1,     144.4,     144.4,       2.0);
     ( 397598.3, 3767331.1,     143.6,     143.6,       2.0);         ( 397638.3,
3767331.1,     138.8,     144.5,       2.0);
     ( 397678.3, 3767331.1,     127.8,     148.8,       2.0);         ( 397718.3,
3767331.1,     121.9,     150.4,       2.0);
     ( 396558.3, 3767371.1,     134.8,     134.8,       2.0);         ( 396598.3,
3767371.1,     129.8,     135.5,       2.0);
     ( 396638.3, 3767371.1,     125.8,     135.7,       2.0);         ( 396678.3,
3767371.1,     118.3,     136.3,       2.0);
     ( 396718.3, 3767371.1,     112.6,     179.2,       2.0);         ( 396758.3,
3767371.1,     107.4,     187.6,       2.0);
     ( 396798.3, 3767371.1,     104.9,     188.9,       2.0);         ( 396838.3,
3767371.1,     105.7,     188.9,       2.0);
     ( 396878.3, 3767371.1,     114.0,     187.6,       2.0);         ( 396918.3,
3767371.1,     120.9,     178.2,       2.0);
     ( 396958.3, 3767371.1,     125.6,     142.2,       2.0);         ( 396998.3,
3767371.1,     127.5,     142.2,       2.0);
     ( 397038.3, 3767371.1,     134.4,     142.2,       2.0);         ( 397078.3,
3767371.1,     138.0,     140.2,       2.0);
     ( 397118.3, 3767371.1,     135.8,     141.9,       2.0);         ( 397158.3,
3767371.1,     135.4,     137.8,       2.0);
     ( 397198.3, 3767371.1,     132.5,     139.4,       2.0);         ( 397238.3,
3767371.1,     129.2,     149.0,       2.0);
     ( 397278.3, 3767371.1,     129.5,     149.0,       2.0);         ( 397318.3,
3767371.1,     134.3,     149.0,       2.0);
     ( 397358.3, 3767371.1,     138.9,     149.0,       2.0);         ( 397398.3,
3767371.1,     148.1,     148.1,       2.0);
     ( 397438.3, 3767371.1,     148.3,     148.3,       2.0);         ( 397478.3,
3767371.1,     147.7,     147.7,       2.0);
     ( 397518.3, 3767371.1,     146.8,     146.8,       2.0);         ( 397558.3,
3767371.1,     145.8,     145.8,       2.0);
     ( 397598.3, 3767371.1,     144.6,     144.6,       2.0);         ( 397638.3,
3767371.1,     144.0,     144.0,       2.0);
     ( 397678.3, 3767371.1,     139.7,     144.9,       2.0);         ( 397718.3,
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3767371.1,   129.0,   149.1,   2.0);
     (396558.3, 3767411.1,   135.2,   135.2,   2.0);   (396598.3,
3767411.1,   128.0,   135.7,   2.0);
     (396638.3, 3767411.1,   121.1,   136.3,   2.0);   (396678.3,
3767411.1,   115.7,   179.2,   2.0);
     (396718.3, 3767411.1,   112.4,   186.6,   2.0);   (396758.3,
3767411.1,   108.8,   188.3,   2.0);

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (396798.3, 3767411.1,   106.0,   188.9,   2.0);   (396838.3,
3767411.1,   106.9,   188.9,   2.0);
     (396878.3, 3767411.1,   113.9,   188.9,   2.0);   (396918.3,
3767411.1,   119.2,   188.3,   2.0);
     (396958.3, 3767411.1,   125.5,   186.6,   2.0);   (396998.3,
3767411.1,   131.9,   142.2,   2.0);
     (397038.3, 3767411.1,   138.6,   142.2,   2.0);   (397078.3,
3767411.1,   141.9,   141.9,   2.0);
     (397118.3, 3767411.1,   140.9,   141.2,   2.0);   (397158.3,
3767411.1,   137.9,   139.4,   2.0);
     (397198.3, 3767411.1,   134.3,   134.3,   2.0);   (397238.3,
3767411.1,   131.6,   187.6,   2.0);
     (397278.3, 3767411.1,   130.9,   187.6,   2.0);   (397318.3,
3767411.1,   134.1,   149.0,   2.0);
     (397358.3, 3767411.1,   137.6,   149.0,   2.0);   (397398.3,
3767411.1,   146.7,   147.7,   2.0);
     (397438.3, 3767411.1,   148.4,   148.4,   2.0);   (397478.3,
3767411.1,   148.7,   148.7,   2.0);
     (397518.3, 3767411.1,   148.2,   148.2,   2.0);   (397558.3,
3767411.1,   147.1,   147.1,   2.0);
     (397598.3, 3767411.1,   145.6,   145.6,   2.0);   (397638.3,
3767411.1,   144.9,   144.9,   2.0);
     (397678.3, 3767411.1,   144.9,   144.9,   2.0);   (397718.3,
3767411.1,   139.1,   145.3,   2.0);
     (396558.3, 3767451.1,   133.6,   133.6,   2.0);   (396598.3,
3767451.1,   127.7,   135.7,   2.0);
     (396638.3, 3767451.1,   120.9,   136.8,   2.0);   (396678.3,
3767451.1,   117.4,   179.2,   2.0);
     (396718.3, 3767451.1,   115.4,   186.6,   2.0);   (396758.3,
3767451.1,   110.2,   188.9,   2.0);
     (396798.3, 3767451.1,   106.8,   188.9,   2.0);   (396838.3,

3767451.1,   108.8,   188.9,   2.0);
     (396878.3, 3767451.1,   113.5,   188.9,   2.0);   (396918.3,
3767451.1,   118.9,   188.9,   2.0);
     (396958.3, 3767451.1,   125.3,   187.6,   2.0);   (396998.3,
3767451.1,   131.1,   186.6,   2.0);
     (397038.3, 3767451.1,   136.7,   142.2,   2.0);   (397078.3,
3767451.1,   140.6,   140.6,   2.0);
     (397118.3, 3767451.1,   141.6,   141.6,   2.0);   (397158.3,
3767451.1,   139.4,   139.4,   2.0);
     (397198.3, 3767451.1,   136.1,   136.1,   2.0);   (397238.3,
3767451.1,   133.5,   188.9,   2.0);
     (397278.3, 3767451.1,   131.8,   188.9,   2.0);   (397318.3,
3767451.1,   133.4,   188.9,   2.0);
     (397358.3, 3767451.1,   136.6,   149.0,   2.0);   (397398.3,
3767451.1,   145.4,   147.2,   2.0);
     (397438.3, 3767451.1,   147.7,   147.7,   2.0);   (397478.3,
3767451.1,   148.5,   148.5,   2.0);
     (397518.3, 3767451.1,   148.6,   148.6,   2.0);   (397558.3,
3767451.1,   147.8,   147.8,   2.0);
     (397598.3, 3767451.1,   146.3,   146.3,   2.0);   (397638.3,
3767451.1,   145.6,   145.6,   2.0);
     (397678.3, 3767451.1,   145.4,   145.4,   2.0);   (397718.3,
3767451.1,   143.1,   143.1,   2.0);
     (396558.3, 3767491.1,   132.0,   132.0,   2.0);   (396598.3,
3767491.1,   127.6,   136.8,   2.0);
     (396638.3, 3767491.1,   126.6,   136.8,   2.0);   (396678.3,
3767491.1,   125.9,   136.8,   2.0);
     (396718.3, 3767491.1,   122.0,   179.2,   2.0);   (396758.3,
3767491.1,   112.0,   188.9,   2.0);
     (396798.3, 3767491.1,   107.5,   188.9,   2.0);   (396838.3,
3767491.1,   109.0,   188.9,   2.0);
     (396878.3, 3767491.1,   112.7,   188.9,   2.0);   (396918.3,
3767491.1,   118.4,   188.9,   2.0);
     (396958.3, 3767491.1,   123.7,   188.9,   2.0);   (396998.3,
3767491.1,   128.9,   188.9,   2.0);
     (397038.3, 3767491.1,   135.5,   187.0,   2.0);   (397078.3,
3767491.1,   139.6,   139.6,   2.0);
     (397118.3, 3767491.1,   141.3,   141.3,   2.0);   (397158.3,
3767491.1,   140.1,   140.1,   2.0);
     (397198.3, 3767491.1,   137.2,   187.6,   2.0);   (397238.3,
3767491.1,   134.8,   188.9,   2.0);
     (397278.3, 3767491.1,   133.2,   188.9,   2.0);   (397318.3,
3767491.1,   133.0,   188.9,   2.0);
     (397358.3, 3767491.1,   135.1,   188.9,   2.0);   (397398.3,
3767491.1,   141.3,   148.1,   2.0);
     (397438.3, 3767491.1,   145.7,   145.7,   2.0);   (397478.3,
3767491.1,   148.2,   148.2,   2.0);
     (397518.3, 3767491.1,   149.0,   149.0,   2.0);   (397558.3,
3767491.1,   148.5,   148.5,   2.0);
     (397598.3, 3767491.1,   146.5,   146.5,   2.0);   (397638.3,

3767491.1,   146.2,   146.2,   2.0);
     (397678.3, 3767491.1,   145.9,   145.9,   2.0);   (397718.3,
3767491.1,   144.1,   145.4,   2.0);
     (396558.3, 3767531.1,   133.5,   133.5,   2.0);   (396598.3,
3767531.1,   132.4,   136.8,   2.0);
     (396638.3, 3767531.1,   134.6,   136.3,   2.0);   (396678.3,
3767531.1,   133.6,   136.3,   2.0);
     (396718.3, 3767531.1,   125.4,   179.2,   2.0);   (396758.3,
3767531.1,   111.2,   188.9,   2.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (396798.3, 3767531.1,   108.6,   188.9,   2.0);   (396838.3,
3767531.1,   112.0,   188.9,   2.0);
     (396878.3, 3767531.1,   113.6,   188.9,   2.0);   (396918.3,
3767531.1,   116.8,   188.9,   2.0);
     (396958.3, 3767531.1,   121.4,   188.9,   2.0);   (396998.3,
3767531.1,   126.2,   188.9,   2.0);
     (397038.3, 3767531.1,   133.5,   188.9,   2.0);   (397078.3,
3767531.1,   136.9,   188.9,   2.0);
     (397118.3, 3767531.1,   140.5,   187.6,   2.0);   (397158.3,
3767531.1,   140.7,   187.6,   2.0);
     (397198.3, 3767531.1,   138.5,   188.9,   2.0);   (397238.3,
3767531.1,   136.3,   188.9,   2.0);
     (397278.3, 3767531.1,   134.5,   188.9,   2.0);   (397318.3,
3767531.1,   133.7,   188.9,   2.0);
     (397358.3, 3767531.1,   134.0,   188.9,   2.0);   (397398.3,
3767531.1,   139.0,   188.9,   2.0);
     (397438.3, 3767531.1,   146.3,   146.3,   2.0);   (397478.3,
3767531.1,   148.9,   148.9,   2.0);
     (397518.3, 3767531.1,   149.4,   149.4,   2.0);   (397558.3,
3767531.1,   149.1,   149.1,   2.0);
     (397598.3, 3767531.1,   147.0,   147.0,   2.0);   (397638.3,
3767531.1,   147.3,   147.3,   2.0);
     (397678.3, 3767531.1,   147.5,   147.5,   2.0);   (397718.3,
3767531.1,   146.1,   147.0,   2.0);
     (397320.8, 3767219.1,   114.7,   149.3,   0.0);   (397330.8,
3767209.1,   114.5,   149.3,   0.0);
     (397340.8, 3767189.1,   113.5,   149.3,   0.0);   (397340.8,
3767199.1,   114.0,   149.3,   0.0);
     (397340.8, 3767209.1,   115.0,   149.3,   0.0);   (397350.8,

3767189.1,   113.7,   149.3,   0.0);
     (397350.8, 3767199.1,   114.3,   149.3,   0.0);   (397360.8,
3767189.1,   114.1,   149.3,   0.0);
     (397360.8, 3767199.1,   114.7,   149.3,   0.0);   (397370.8,
3767189.1,   114.4,   149.3,   0.0);
     (397380.8, 3767189.1,   114.9,   149.3,   0.0);   (396934.7,
3767169.5,   108.7,   142.2,   2.0);
     (397014.5, 3767229.6,   112.6,   142.2,   2.0);   (397044.1,
3767224.0,   112.6,   142.2,   2.0);
     (397113.6, 3767239.9,   112.1,   187.6,   2.0);   (397158.6,
3767280.3,   113.8,   188.9,   2.0);
     (397169.0, 3767307.0,   119.0,   187.6,   2.0);   (397244.0,
3767296.7,   118.1,   188.9,   2.0);
     (397261.0, 3767278.9,   117.5,   187.6,   2.0);   (397409.7,
3767205.7,   119.8,   149.0,   2.0);
     (397422.9, 3767189.2,   118.1,   149.0,   2.0);   (397426.6,
3767180.8,   117.9,   149.0,   2.0);
     (397420.5, 3767170.5,   116.8,   149.0,   2.0);   (397318.7,
3767160.1,   112.9,   149.0,   2.0);
     (397023.0, 3767083.6,   105.7,   142.2,   2.0);   (396920.4,
3767167.3,   108.8,   142.2,   2.0);
     (396990.0, 3767243.5,   119.6,   142.2,   2.0);   (397044.1,
3767224.0,   112.6,   142.2,   2.0);
     (397113.6, 3767239.9,   112.1,   187.6,   2.0);   (397158.6,
3767280.3,   113.8,   188.9,   2.0);
     (397169.0, 3767307.0,   119.0,   187.6,   2.0);   (397244.0,
3767296.7,   118.1,   188.9,   2.0);
     (397261.0, 3767278.9,   117.5,   187.6,   2.0);   (397409.7,
3767205.7,   119.8,   149.0,   2.0);
     (397422.9, 3767189.2,   118.1,   149.0,   2.0);   (397426.6,
3767180.8,   117.9,   149.0,   2.0);
     (397420.5, 3767170.5,   116.8,   149.0,   2.0);   (397318.7,
3767160.1,   112.9,   149.0,   2.0);
     (397023.0, 3767083.6,   105.7,   142.2,   2.0);

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                     * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT
BE PERFORMED *
                       LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR
FASTAREA/FASTALL

                                SOURCE   - - RECEPTOR LOCATION - -

```
DISTANCE
                                ID            XR (METERS)   YR (METERS)
(METERS)
                            - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -

                             L0000077            397014.5     3767229.6
0.32
                             L0000109            397044.1     3767224.0
-3.28
                             L0000109            397044.1     3767224.0
-3.28
                             L0000143            397113.6     3767239.9
-1.57
                             L0000143            397113.6     3767239.9
-1.57
                             L0000144            397113.6     3767239.9
-2.05
                             L0000144            397113.6     3767239.9
-2.05
                             L0000208            397158.6     3767280.3
0.54
                             L0000208            397158.6     3767280.3
0.54
                             L0000209            397158.6     3767280.3
-3.37
                             L0000209            397158.6     3767280.3
-3.37
                             L0000271            397318.7     3767160.1
-0.54
                             L0000271            397318.7     3767160.1
-0.54
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                         ***       16:13:40

                                   PAGE  55
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
```

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: PICO_V9_ADJU\PICO_V9.SFC
Met Version: 16216
Profile file: PICO_V9_ADJU\PICO_V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: PICO Name: UNKNOWN

Year: 2010 Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT

```
 10 01 01   1 01  -38.6  0.384 -9.000 -9.000 -999.  572.    162.4  0.34   0.73
1.00    3.10  321.    9.1  283.8    5.5
 10 01 01   1 02  -33.5  0.333 -9.000 -9.000 -999.  462.    121.8  0.34   0.73
1.00    2.70  217.    9.1  282.5    5.5
 10 01 01   1 03  -21.9  0.218 -9.000 -9.000 -999.  251.     52.2  0.34   0.73
1.00    1.80  290.    9.1  282.5    5.5
 10 01 01   1 04  -27.1  0.269 -9.000 -9.000 -999.  334.     79.5  0.34   0.73
1.00    2.20  255.    9.1  282.0    5.5
 10 01 01   1 05  -21.9  0.218 -9.000 -9.000 -999.  245.     52.2  0.34   0.73
1.00    1.80  234.    9.1  282.0    5.5
 10 01 01   1 06  -27.1  0.269 -9.000 -9.000 -999.  334.     79.5  0.34   0.73
1.00    2.20  258.    9.1  282.0    5.5
 10 01 01   1 07  -27.2  0.269 -9.000 -9.000 -999.  334.     79.5  0.34   0.73
1.00    2.20  213.    9.1  281.4    5.5
 10 01 01   1 08  -22.6  0.335 -9.000 -9.000 -999.  466.    151.7  0.34   0.73
0.54    2.70  215.    9.1  282.0    5.5
 10 01 01   1 09   26.9  0.249  0.347  0.008   56.  302.    -51.9  0.34   0.73
0.32    1.80  199.    9.1  284.2    5.5
 10 01 01   1 10   65.3  0.365  0.593  0.008  116.  529.    -67.5  0.34   0.73
0.24    2.70  117.    9.1  288.1    5.5
 10 01 01   1 11   94.5  0.374  0.933  0.008  311.  550.    -50.3  0.34   0.73
0.21    2.70  243.    9.1  290.4    5.5
 10 01 01   1 12  103.9  0.279  1.087  0.008  448.  359.    -19.0  0.34   0.73
0.20    1.80  130.    9.1  293.1    5.5
 10 01 01   1 13   83.7  0.273  1.073  0.008  533.  343.    -22.0  0.34   0.73
0.20    1.80  282.    9.1  294.9    5.5
 10 01 01   1 14   82.0  0.218  1.112  0.008  606.  245.    -11.4  0.34   0.73
0.21    1.30  290.    9.1  295.9    5.5
 10 01 01   1 15   38.9  0.202  0.881  0.008  636.  217.    -19.0  0.34   0.73
0.25    1.30  192.    9.1  294.9    5.5
 10 01 01   1 16   11.4  0.181  0.588  0.008  643.  185.    -47.4  0.34   0.73
0.33    1.30  218.    9.1  293.8    5.5
 10 01 01   1 17  -10.7  0.155 -9.000 -9.000 -999.  147.     31.4  0.34   0.73
0.60    1.30  255.    9.1  292.0    5.5
 10 01 01   1 18   -5.5  0.104 -9.000 -9.000 -999.   81.     18.6  0.34   0.73
1.00    0.90  129.    9.1  289.2    5.5
 10 01 01   1 19  -11.8  0.154 -9.000 -9.000 -999.  145.     27.8  0.34   0.73
1.00    1.30  264.    9.1  287.5    5.5
 10 01 01   1 20  -11.8  0.154 -9.000 -9.000 -999.  144.     27.8  0.34   0.73
1.00    1.30   25.    9.1  287.0    5.5
 10 01 01   1 21  -21.6  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  343.    9.1  285.9    5.5
 10 01 01   1 22  -21.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  332.    9.1  284.9    5.5
 10 01 01   1 23  -21.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.34   0.73
1.00    1.80  178.    9.1  284.2    5.5
 10 01 01   1 24  -11.8  0.154 -9.000 -9.000 -999.  145.     27.6  0.34   0.73
1.00    1.30   28.    9.1  283.1    5.5
```

                  *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                 EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                 EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                 EG22   , EG23   , EG24   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM-10   IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396558.26   3766771.08   0.01868   396598.26
3766771.08   0.02229
         396638.26   3766771.08   0.02731   396678.26
3766771.08   0.03271
         396718.26   3766771.08   0.03894   396758.26
3766771.08   0.04404
         396798.26   3766771.08   0.04750   396838.26
3766771.08   0.05073
         396878.26   3766771.08   0.05183   396918.26
3766771.08   0.05059
         396958.26   3766771.08   0.04704   396998.26
3766771.08   0.04156
         397038.26   3766771.08   0.03520   397078.26
3766771.08   0.02909
         397118.26   3766771.08   0.02390   397158.26
3766771.08   0.01997

```
         397198.26    3766771.08        0.01741                    397238.26
3766771.08        0.01588
         397278.26    3766771.08        0.01499                    397318.26
3766771.08        0.01447
         397358.26    3766771.08        0.01408                    397398.26
3766771.08        0.01367
         397438.26    3766771.08        0.01320                    397478.26
3766771.08        0.01264
         397518.26    3766771.08        0.01203                    397558.26
3766771.08        0.01139
         397598.26    3766771.08        0.01073                    397638.26
3766771.08        0.01006
         397678.26    3766771.08        0.00944                    397718.26
3766771.08        0.00881
         396558.26    3766811.08        0.01865                    396598.26
3766811.08        0.02198
         396638.26    3766811.08        0.02719                    396678.26
3766811.08        0.03343
         396718.26    3766811.08        0.03948                    396758.26
3766811.08        0.04537
         396798.26    3766811.08        0.05179                    396838.26
3766811.08        0.05731
         396878.26    3766811.08        0.06044                    396918.26
3766811.08        0.06082
         396958.26    3766811.08        0.05784                    396998.26
3766811.08        0.05191
         397038.26    3766811.08        0.04417                    397078.26
3766811.08        0.03624
         397118.26    3766811.08        0.02943                    397158.26
3766811.08        0.02428
         397198.26    3766811.08        0.02077                    397238.26
3766811.08        0.01864
         397278.26    3766811.08        0.01744                    397318.26
3766811.08        0.01679
         397358.26    3766811.08        0.01626                    397398.26
3766811.08        0.01571
         397438.26    3766811.08        0.01505                    397478.26
3766811.08        0.01434
         397518.26    3766811.08        0.01355                    397558.26
3766811.08        0.01273
         397598.26    3766811.08        0.01191                    397638.26
3766811.08        0.01113
         397678.26    3766811.08        0.01036                    397718.26
3766811.08        0.00960
         396558.26    3766851.08        0.01846                    396598.26
3766851.08        0.02172
         396638.26    3766851.08        0.02607                    396678.26
3766851.08        0.03221
         396718.26    3766851.08        0.03881                    396758.26
3766851.08        0.04628
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         396798.26    3766851.08        0.05485                      396838.26
3766851.08        0.06288
         396878.26    3766851.08        0.06942                      396918.26
3766851.08        0.07196
         396958.26    3766851.08        0.07056                      396998.26
3766851.08        0.06475
         397038.26    3766851.08        0.05579                      397078.26
3766851.08        0.04595
         397118.26    3766851.08        0.03701                      397158.26
3766851.08        0.02991
         397198.26    3766851.08        0.02517                      397238.26
3766851.08        0.02242
         397278.26    3766851.08        0.02082                      397318.26
3766851.08        0.01968
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  58
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                  EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                  EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                  EG22        , EG23        , EG24        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM-10    IN MICROGRAMS/M**3
                     **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         397358.26    3766851.08        0.01892                      397398.26
3766851.08        0.01815
         397438.26    3766851.08        0.01728                      397478.26
3766851.08        0.01632
         397518.26    3766851.08        0.01531                      397558.26
3766851.08        0.01428
         397598.26    3766851.08        0.01325                      397638.26
3766851.08        0.01228
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         397678.26    3766851.08        0.01132                    397718.26
3766851.08        0.01041
         396558.26    3766891.08        0.01799                    396598.26
3766891.08        0.02133
         396638.26    3766891.08        0.02560                    396678.26
3766891.08        0.03125
         396718.26    3766891.08        0.03840                    396758.26
3766891.08        0.04664
         396798.26    3766891.08        0.05658                    396838.26
3766891.08        0.06710
         396878.26    3766891.08        0.07733                    396918.26
3766891.08        0.08307
         396958.26    3766891.08        0.08478                    396998.26
3766891.08        0.08042
         397038.26    3766891.08        0.07097                    397078.26
3766891.08        0.05993
         397118.26    3766891.08        0.04771                    397158.26
3766891.08        0.03726
         397198.26    3766891.08        0.03103                    397238.26
3766891.08        0.02725
         397278.26    3766891.08        0.02515                    397318.26
3766891.08        0.02378
         397358.26    3766891.08        0.02244                    397398.26
3766891.08        0.02113
         397438.26    3766891.08        0.01991                    397478.26
3766891.08        0.01863
         397518.26    3766891.08        0.01732                    397558.26
3766891.08        0.01599
         397598.26    3766891.08        0.01472                    397638.26
3766891.08        0.01350
         397678.26    3766891.08        0.01232                    397718.26
3766891.08        0.01126
         396558.26    3766931.08        0.01753                    396598.26
3766931.08        0.02061
         396638.26    3766931.08        0.02501                    396678.26
3766931.08        0.03026
         396718.26    3766931.08        0.03707                    396758.26
3766931.08        0.04596
         396798.26    3766931.08        0.05641                    396838.26
3766931.08        0.06944
         396878.26    3766931.08        0.08263                    396918.26
3766931.08        0.09411
         396958.26    3766931.08        0.10054                    396998.26
3766931.08        0.10005
         397038.26    3766931.08        0.09257                    397078.26
3766931.08        0.07934
         397118.26    3766931.08        0.06386                    397158.26
3766931.08        0.04933
         397198.26    3766931.08        0.03946                    397238.26
3766931.08        0.03382
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         397278.26    3766931.08        0.03062                      397318.26
3766931.08        0.02874
         397358.26    3766931.08        0.02741                      397398.26
3766931.08        0.02528
         397438.26    3766931.08        0.02317                      397478.26
3766931.08        0.02132
         397518.26    3766931.08        0.01962                      397558.26
3766931.08        0.01789
         397598.26    3766931.08        0.01628                      397638.26
3766931.08        0.01474
         397678.26    3766931.08        0.01334                      397718.26
3766931.08        0.01214
         396558.26    3766971.08        0.01698                      396598.26
3766971.08        0.01997
         396638.26    3766971.08        0.02389                      396678.26
3766971.08        0.02893
         396718.26    3766971.08        0.03556                      396758.26
3766971.08        0.04374
         396798.26    3766971.08        0.05497                      396838.26
3766971.08        0.06877
         396878.26    3766971.08        0.08595                      396918.26
3766971.08        0.10352
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  59
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                  EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                  EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                  EG22        , EG23        , EG24        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM-10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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396958.26 3766971.08 0.11768 396998.26 3766971.08 0.12490
397038.26 3766971.08 0.12118 397078.26 3766971.08 0.10966
397118.26 3766971.08 0.10351 397158.26 3766971.08 0.08536
397198.26 3766971.08 0.05805 397238.26 3766971.08 0.04460
397278.26 3766971.08 0.03813 397318.26 3766971.08 0.03533
397358.26 3766971.08 0.03133 397398.26 3766971.08 0.02919
397438.26 3766971.08 0.02730 397478.26 3766971.08 0.02451
397518.26 3766971.08 0.02211 397558.26 3766971.08 0.01989
397598.26 3766971.08 0.01785 397638.26 3766971.08 0.01600
397678.26 3766971.08 0.01434 397718.26 3766971.08 0.01300
396558.26 3767011.08 0.01637 396598.26 3767011.08 0.01910
396638.26 3767011.08 0.02281 396678.26 3767011.08 0.02751
396718.26 3767011.08 0.03346 396758.26 3767011.08 0.04156
396798.26 3767011.08 0.05184 396838.26 3767011.08 0.06641
396878.26 3767011.08 0.08566 396918.26 3767011.08 0.11005
396958.26 3767011.08 0.13330 396998.26 3767011.08 0.15248
397038.26 3767011.08 0.16669 397078.26 3767011.08 0.19087
397118.26 3767011.08 0.17599 397158.26 3767011.08 0.12615
397198.26 3767011.08 0.08706 397238.26 3767011.08 0.06415
397278.26 3767011.08 0.05160 397318.26 3767011.08 0.04310
397358.26 3767011.08 0.03713 397398.26 3767011.08 0.03324
397438.26 3767011.08 0.03076 397478.26 3767011.08 0.02789
397518.26 3767011.08 0.02471 397558.26 3767011.08 0.02192
397598.26 3767011.08 0.01946 397638.26 3767011.08 0.01729
397678.26 3767011.08 0.01536 397718.26 3767011.08 0.01376

```
         396558.26    3767051.08        0.01582                      396598.26
3767051.08        0.01840
         396638.26    3767051.08        0.02162                      396678.26
3767051.08        0.02596
         396718.26    3767051.08        0.03155                      396758.26
3767051.08        0.03876
         396798.26    3767051.08        0.04844                      396838.26
3767051.08        0.06192
         396878.26    3767051.08        0.08180                      396918.26
3767051.08        0.11138
         396958.26    3767051.08        0.14605                      396998.26
3767051.08        0.20291
         397038.26    3767051.08        0.26083                      397078.26
3767051.08        0.23582
         397118.26    3767051.08        0.21556                      397158.26
3767051.08        0.16111
         397198.26    3767051.08        0.11322                      397238.26
3767051.08        0.08165
         397278.26    3767051.08        0.06922                      397318.26
3767051.08        0.05656
         397358.26    3767051.08        0.04494                      397398.26
3767051.08        0.03861
         397438.26    3767051.08        0.03430                      397478.26
3767051.08        0.03074
         397518.26    3767051.08        0.02740                      397558.26
3767051.08        0.02419
         397598.26    3767051.08        0.02124                      397638.26
3767051.08        0.01866
         397678.26    3767051.08        0.01653                      397718.26
3767051.08        0.01461
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  60
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3767091.08	0.01529	396598.26	3767091.08	0.01775
396638.26	3767091.08	0.02062	396678.26	3767091.08	0.02437
396718.26	3767091.08	0.02940	396758.26	3767091.08	0.03587
396798.26	3767091.08	0.04462	396838.26	3767091.08	0.05676
396878.26	3767091.08	0.07448	396918.26	3767091.08	0.10205
396958.26	3767091.08	0.16178	396998.26	3767091.08	0.29826
397078.26	3767091.08	0.30558	397118.26	3767091.08	0.32309
397158.26	3767091.08	0.26799	397198.26	3767091.08	0.17786
397238.26	3767091.08	0.11782	397278.26	3767091.08	0.09071
397318.26	3767091.08	0.07780	397358.26	3767091.08	0.05469
397398.26	3767091.08	0.04509	397438.26	3767091.08	0.03862
397478.26	3767091.08	0.03320	397518.26	3767091.08	0.02897
397558.26	3767091.08	0.02526	397598.26	3767091.08	0.02249
397638.26	3767091.08	0.02039	397678.26	3767091.08	0.01793
397718.26	3767091.08	0.01573	396558.26	3767131.08	0.01489
396598.26	3767131.08	0.01714	396638.26	3767131.08	0.01984
396678.26	3767131.08	0.02299	396718.26	3767131.08	0.02734
396758.26	3767131.08	0.03319	396798.26	3767131.08	0.04092
396838.26	3767131.08	0.05143	396878.26	3767131.08	0.06660
396918.26	3767131.08	0.08837	396958.26	3767131.08	0.14301
397238.26	3767131.08	0.21641	397278.26	3767131.08	0.13652

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         397318.26    3767131.08        0.10149                      397358.26
3767131.08        0.07062
         397398.26    3767131.08        0.05279                      397438.26
3767131.08        0.04429
         397478.26    3767131.08        0.03738                      397518.26
3767131.08        0.03221
         397558.26    3767131.08        0.02801                      397598.26
3767131.08        0.02453
         397638.26    3767131.08        0.02206                      397678.26
3767131.08        0.01953
         397718.26    3767131.08        0.01719                      396558.26
3767171.08        0.01461
         396598.26    3767171.08        0.01666                      396638.26
3767171.08        0.01919
         396678.26    3767171.08        0.02205                      396718.26
3767171.08        0.02566
         396758.26    3767171.08        0.03069                      396798.26
3767171.08        0.03761
         396838.26    3767171.08        0.04695                      396878.26
3767171.08        0.06020
         396918.26    3767171.08        0.07876                      397438.26
3767171.08        0.05349
         397478.26    3767171.08        0.04491                      397518.26
3767171.08        0.03826
         397558.26    3767171.08        0.03297                      397598.26
3767171.08        0.02864
         397638.26    3767171.08        0.02495                      397678.26
3767171.08        0.02171
         397718.26    3767171.08        0.01903                      396558.26
3767211.08        0.01436
         396598.26    3767211.08        0.01635                      396638.26
3767211.08        0.01870
         396678.26    3767211.08        0.02159                      396718.26
3767211.08        0.02460
         396758.26    3767211.08        0.02881                      396798.26
3767211.08        0.03471
         396838.26    3767211.08        0.04308                      396878.26
3767211.08        0.05411
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  61
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                   INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
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                EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         396918.26    3767211.08        0.06862                      396958.26
3767211.08        0.08508
         397438.26    3767211.08        0.06983                      397478.26
3767211.08        0.05662
         397518.26    3767211.08        0.04738                      397558.26
3767211.08        0.04009
         397598.26    3767211.08        0.03425                      397638.26
3767211.08        0.02922
         397678.26    3767211.08        0.02502                      397718.26
3767211.08        0.02161
         396558.26    3767251.08        0.01421                      396598.26
3767251.08        0.01617
         396638.26    3767251.08        0.01848                      396678.26
3767251.08        0.02129
         396718.26    3767251.08        0.02422                      396758.26
3767251.08        0.02761
         396798.26    3767251.08        0.03269                      396838.26
3767251.08        0.03967
         396878.26    3767251.08        0.04981                      396918.26
3767251.08        0.05931
         396958.26    3767251.08        0.07293                      396998.26
3767251.08        0.09802
         397038.26    3767251.08        0.14878                      397078.26
3767251.08        0.23911
         397118.26    3767251.08        0.50249                      397318.26
3767251.08        0.26974
         397358.26    3767251.08        0.18173                      397398.26
3767251.08        0.13010
         397438.26    3767251.08        0.09839                      397478.26
3767251.08        0.07604
         397518.26    3767251.08        0.06106                      397558.26
3767251.08        0.04988
         397598.26    3767251.08        0.04152                      397638.26
3767251.08        0.03500
```

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         397678.26    3767251.08        0.02954                      397718.26
3767251.08        0.02512
         396558.26    3767291.08        0.01313                      396598.26
3767291.08        0.01506
         396638.26    3767291.08        0.01727                      396678.26
3767291.08        0.02014
         396718.26    3767291.08        0.02388                      396758.26
3767291.08        0.02676
         396798.26    3767291.08        0.03118                      396838.26
3767291.08        0.03730
         396878.26    3767291.08        0.04502                      396918.26
3767291.08        0.05345
         396958.26    3767291.08        0.06634                      396998.26
3767291.08        0.09281
         397038.26    3767291.08        0.17280                      397078.26
3767291.08        0.28089
         397118.26    3767291.08        0.32561                      397158.26
3767291.08        0.48956
         397278.26    3767291.08        0.43314                      397318.26
3767291.08        0.36589
         397358.26    3767291.08        0.23883                      397398.26
3767291.08        0.17819
         397438.26    3767291.08        0.13190                      397478.26
3767291.08        0.10029
         397518.26    3767291.08        0.07847                      397558.26
3767291.08        0.06286
         397598.26    3767291.08        0.05111                      397638.26
3767291.08        0.04206
         397678.26    3767291.08        0.03518                      397718.26
3767291.08        0.02955
         396558.26    3767331.08        0.01269                      396598.26
3767331.08        0.01438
         396638.26    3767331.08        0.01643                      396678.26
3767331.08        0.01920
         396718.26    3767331.08        0.02258                      396758.26
3767331.08        0.02609
         396798.26    3767331.08        0.02989                      396838.26
3767331.08        0.03536
         396878.26    3767331.08        0.04181                      396918.26
3767331.08        0.04961
         396958.26    3767331.08        0.06238                      396998.26
3767331.08        0.08547
         397038.26    3767331.08        0.14041                      397078.26
3767331.08        0.24632
         397118.26    3767331.08        0.34461                      397158.26
3767331.08        0.45422
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:13:40
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: GENERATO ***

INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397198.26	3767331.08	0.49256	397238.26	3767331.08	0.49930
397278.26	3767331.08	0.44866	397318.26	3767331.08	0.33722
397358.26	3767331.08	0.26831	397398.26	3767331.08	0.20913
397438.26	3767331.08	0.15864	397478.26	3767331.08	0.12211
397518.26	3767331.08	0.09591	397558.26	3767331.08	0.07669
397598.26	3767331.08	0.06164	397638.26	3767331.08	0.05019
397678.26	3767331.08	0.04145	397718.26	3767331.08	0.03449
396558.26	3767371.08	0.01237	396598.26	3767371.08	0.01400
396638.26	3767371.08	0.01599	396678.26	3767371.08	0.01861
396718.26	3767371.08	0.02192	396758.26	3767371.08	0.02513
396798.26	3767371.08	0.02857	396838.26	3767371.08	0.03335
396878.26	3767371.08	0.03968	396918.26	3767371.08	0.04684
396958.26	3767371.08	0.05888	396998.26	3767371.08	0.07966

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         397038.26    3767371.08        0.11706                    397078.26
3767371.08        0.17948
         397118.26    3767371.08        0.24862                    397158.26
3767371.08        0.32477
         397198.26    3767371.08        0.35970                    397238.26
3767371.08        0.36296
         397278.26    3767371.08        0.34106                    397318.26
3767371.08        0.30537
         397358.26    3767371.08        0.25929                    397398.26
3767371.08        0.21415
         397438.26    3767371.08        0.17044                    397478.26
3767371.08        0.13571
         397518.26    3767371.08        0.10884                    397558.26
3767371.08        0.08785
         397598.26    3767371.08        0.07137                    397638.26
3767371.08        0.05814
         397678.26    3767371.08        0.04758                    397718.26
3767371.08        0.03946
         396558.26    3767411.08        0.01199                    396598.26
3767411.08        0.01359
         396638.26    3767411.08        0.01559                    396678.26
3767411.08        0.01804
         396718.26    3767411.08        0.02092                    396758.26
3767411.08        0.02406
         396798.26    3767411.08        0.02726                    396838.26
3767411.08        0.03174
         396878.26    3767411.08        0.03742                    396918.26
3767411.08        0.04430
         396958.26    3767411.08        0.05509                    396998.26
3767411.08        0.07331
         397038.26    3767411.08        0.10286                    397078.26
3767411.08        0.14363
         397118.26    3767411.08        0.18980                    397158.26
3767411.08        0.23384
         397198.26    3767411.08        0.26660                    397238.26
3767411.08        0.28294
         397278.26    3767411.08        0.27990                    397318.26
3767411.08        0.26187
         397358.26    3767411.08        0.23199                    397398.26
3767411.08        0.20144
         397438.26    3767411.08        0.16906                    397478.26
3767411.08        0.14014
         397518.26    3767411.08        0.11549                    397558.26
3767411.08        0.09516
         397598.26    3767411.08        0.07822                    397638.26
3767411.08        0.06443
         397678.26    3767411.08        0.05319                    397718.26
3767411.08        0.04389
         396558.26    3767451.08        0.01163                    396598.26
3767451.08        0.01310
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5
YEARS FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02
, EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10
, EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18
, EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396798.26	3767451.08	0.02589	396838.26	3767451.08	0.03032
396878.26	3767451.08	0.03534	396918.26	3767451.08	0.04173
396958.26	3767451.08	0.05135	396998.26	3767451.08	0.06632
397038.26	3767451.08	0.08878	397078.26	3767451.08	0.11891
397118.26	3767451.08	0.15328	397158.26	3767451.08	0.18552
397198.26	3767451.08	0.21144	397238.26	3767451.08	0.22680
397278.26	3767451.08	0.22907	397318.26	3767451.08	0.21963
397358.26	3767451.08	0.20287	397398.26	3767451.08	0.18168
397438.26	3767451.08	0.15863	397478.26	3767451.08	0.13655

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         397518.26    3767451.08        0.11613                    397558.26
3767451.08        0.09783
         397598.26    3767451.08        0.08183                    397638.26
3767451.08        0.06829
         397678.26    3767451.08        0.05706                    397718.26
3767451.08        0.04764
         396558.26    3767491.08        0.01122                    396598.26
3767491.08        0.01257
         396638.26    3767491.08        0.01412                    396678.26
3767491.08        0.01592
         396718.26    3767491.08        0.01816                    396758.26
3767491.08        0.02155
         396798.26    3767491.08        0.02454                    396838.26
3767491.08        0.02866
         396878.26    3767491.08        0.03345                    396918.26
3767491.08        0.03925
         396958.26    3767491.08        0.04776                    396998.26
3767491.08        0.06011
         397038.26    3767491.08        0.07740                    397078.26
3767491.08        0.10011
         397118.26    3767491.08        0.12552                    397158.26
3767491.08        0.15018
         397198.26    3767491.08        0.17095                    397238.26
3767491.08        0.18402
         397278.26    3767491.08        0.18888                    397318.26
3767491.08        0.18483
         397358.26    3767491.08        0.17443                    397398.26
3767491.08        0.16081
         397438.26    3767491.08        0.14500                    397478.26
3767491.08        0.12798
         397518.26    3767491.08        0.11165                    397558.26
3767491.08        0.09619
         397598.26    3767491.08        0.08214                    397638.26
3767491.08        0.06986
         397678.26    3767491.08        0.05904                    397718.26
3767491.08        0.04994
         396558.26    3767531.08        0.01078                    396598.26
3767531.08        0.01200
         396638.26    3767531.08        0.01338                    396678.26
3767531.08        0.01504
         396718.26    3767531.08        0.01713                    396758.26
3767531.08        0.02055
         396798.26    3767531.08        0.02333                    396838.26
3767531.08        0.02698
         396878.26    3767531.08        0.03133                    396918.26
3767531.08        0.03693
         396958.26    3767531.08        0.04444                    396998.26
3767531.08        0.05479
         397038.26    3767531.08        0.06866                    397078.26
3767531.08        0.08601
```

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: GENERATO ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397598.26   3767531.08   0.07979   397638.26
3767531.08   0.06896
         397678.26   3767531.08   0.05935   397718.26
3767531.08   0.05089
         397320.82   3767219.11   0.28928   397330.82
3767209.11   0.26075
         397340.82   3767189.11   0.19662   397340.82
3767199.11   0.22010
         397340.82   3767209.11   0.23713   397350.82
3767189.11   0.17145

```
         397350.82    3767199.11        0.18898                      397360.82
3767189.11        0.13375
         397360.82    3767199.11        0.14702                      397370.82
3767189.11        0.10328
         397380.82    3767189.11        0.08620                      396934.73
3767169.52        0.08781
         397014.53    3767229.60        0.12459                      397044.10
3767223.97        0.20359
         397113.57    3767239.93        0.55973                      397158.63
3767280.29        0.57549
         397168.95    3767307.05        0.41770                      397244.05
3767296.72        0.45146
         397260.95    3767278.88        0.40937                      397409.74
3767205.66        0.07938
         397422.89    3767189.23        0.06448                      397426.64
3767180.78        0.05981
         397420.54    3767170.46        0.05805                      397318.68
3767160.13        0.13571
         397022.98    3767083.62        0.29140                      396920.42
3767167.32        0.08069
         396989.95    3767243.54        0.09333                      397044.10
3767223.97        0.20359
         397113.57    3767239.93        0.55973                      397158.63
3767280.29        0.57549
         397168.95    3767307.05        0.41770                      397244.05
3767296.72        0.45146
         397260.95    3767278.88        0.40937                      397409.74
3767205.66        0.07938
         397422.89    3767189.23        0.06448                      397426.64
3767180.78        0.05981
         397420.54    3767170.46        0.05805                      397318.68
3767160.13        0.13571
         397022.98    3767083.62        0.29140

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  65
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: AREA     ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3766771.08	1.89389	396598.26	3766771.08	2.06970
396638.26	3766771.08	2.28569	396678.26	3766771.08	2.49730
396718.26	3766771.08	2.71939	396758.26	3766771.08	2.94447
396798.26	3766771.08	3.16369	396838.26	3766771.08	3.40678
396878.26	3766771.08	3.64835	396918.26	3766771.08	3.88426
396958.26	3766771.08	4.09880	396998.26	3766771.08	4.27432
397038.26	3766771.08	4.40341	397078.26	3766771.08	4.47760
397118.26	3766771.08	4.48596	397158.26	3766771.08	4.42702
397198.26	3766771.08	4.33171	397238.26	3766771.08	4.19996
397278.26	3766771.08	4.03399	397318.26	3766771.08	3.84049
397358.26	3766771.08	3.62575	397398.26	3766771.08	3.40321
397438.26	3766771.08	3.17551	397478.26	3766771.08	2.95219
397518.26	3766771.08	2.73706	397558.26	3766771.08	2.53298
397598.26	3766771.08	2.34241	397638.26	3766771.08	2.16623
397678.26	3766771.08	2.00426	397718.26	3766771.08	1.85561
396558.26	3766811.08	2.00567	396598.26	3766811.08	2.19401
396638.26	3766811.08	2.44589	396678.26	3766811.08	2.70568
396718.26	3766811.08	2.96497	396758.26	3766811.08	3.22691
396798.26	3766811.08	3.52733	396838.26		

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3766811.08        3.84510
         396878.26    3766811.08        4.16729                    396918.26
3766811.08        4.48771
         396958.26    3766811.08        4.78468                    396998.26
3766811.08        5.03321
         397038.26    3766811.08        5.21483                    397078.26
3766811.08        5.31853
         397118.26    3766811.08        5.35242                    397158.26
3766811.08        5.29419
         397198.26    3766811.08        5.14466                    397238.26
3766811.08        4.93356
         397278.26    3766811.08        4.68786                    397318.26
3766811.08        4.42222
         397358.26    3766811.08        4.13933                    397398.26
3766811.08        3.84710
         397438.26    3766811.08        3.55518                    397478.26
3766811.08        3.27408
         397518.26    3766811.08        3.00740                    397558.26
3766811.08        2.75936
         397598.26    3766811.08        2.53173                    397638.26
3766811.08        2.32458
         397678.26    3766811.08        2.13713                    397718.26
3766811.08        1.96789
         396558.26    3766851.08        2.12673                    396598.26
3766851.08        2.32957
         396638.26    3766851.08        2.58560                    396678.26
3766851.08        2.89181
         396718.26    3766851.08        3.21208                    396758.26
3766851.08        3.55510
         396798.26    3766851.08        3.94153                    396838.26
3766851.08        4.36155
         396878.26    3766851.08        4.80742                    396918.26
3766851.08        5.24117
         396958.26    3766851.08        5.65919                    396998.26
3766851.08        6.01944
         397038.26    3766851.08        6.28190                    397078.26
3766851.08        6.44758
         397118.26    3766851.08        6.49964                    397158.26
3766851.08        6.41736
         397198.26    3766851.08        6.21127                    397238.26
3766851.08        5.92446
         397278.26    3766851.08        5.56613                    397318.26
3766851.08        5.15937
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  66
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397358.26	3766851.08	4.76686	397398.26	3766851.08	4.37744
397438.26	3766851.08	4.00004	397478.26	3766851.08	3.64198
397518.26	3766851.08	3.31010	397558.26	3766851.08	3.00777
397598.26	3766851.08	2.73556	397638.26	3766851.08	2.49221
397678.26	3766851.08	2.27539	397718.26	3766851.08	2.08258
396558.26	3766891.08	2.24546	396598.26	3766891.08	2.47260
396638.26	3766891.08	2.76038	396678.26	3766891.08	3.11538
396718.26	3766891.08	3.49694	396758.26	3766891.08	3.93035
396798.26	3766891.08	4.42347	396838.26	3766891.08	4.97482
396878.26	3766891.08	5.58732	396918.26	3766891.08	6.19245
396958.26	3766891.08	6.80252	396998.26	3766891.08	7.33781
397038.26	3766891.08	7.74249	397078.26	3766891.08	8.02561
397118.26	3766891.08	8.08274	397158.26	3766891.08	7.91490
397198.26	3766891.08	7.64363	397238.26	3766891.08	7.21342

```
         397278.26    3766891.08        6.70750                    397318.26
3766891.08        6.15673
         397358.26    3766891.08        5.57549                    397398.26
3766891.08        5.02015
         397438.26    3766891.08        4.51911                    397478.26
3766891.08        4.06054
         397518.26    3766891.08        3.64764                    397558.26
3766891.08        3.27811
         397598.26    3766891.08        2.95275                    397638.26
3766891.08        2.66739
         397678.26    3766891.08        2.41747                    397718.26
3766891.08        2.19893
         396558.26    3766931.08        2.36727                    396598.26
3766931.08        2.62590
         396638.26    3766931.08        2.96007                    396678.26
3766931.08        3.34007
         396718.26    3766931.08        3.80863                    396758.26
3766931.08        4.34780
         396798.26    3766931.08        4.98055                    396838.26
3766931.08        5.70953
         396878.26    3766931.08        6.53579                    396918.26
3766931.08        7.43748
         396958.26    3766931.08        8.35239                    396998.26
3766931.08        9.19987
         397038.26    3766931.08        9.88704                    397078.26
3766931.08       10.29555
         397118.26    3766931.08       10.36796                    397158.26
3766931.08       10.11080
         397198.26    3766931.08        9.63207                    397238.26
3766931.08        8.97632
         397278.26    3766931.08        8.20354                    397318.26
3766931.08        7.40811
         397358.26    3766931.08        6.63348                    397398.26
3766931.08        5.85438
         397438.26    3766931.08        5.14586                    397478.26
3766931.08        4.54167
         397518.26    3766931.08        4.02356                    397558.26
3766931.08        3.56932
         397598.26    3766931.08        3.18040                    397638.26
3766931.08        2.84709
         397678.26    3766931.08        2.56060                    397718.26
3766931.08        2.31546
         396558.26    3766971.08        2.48219                    396598.26
3766971.08        2.77353
         396638.26    3766971.08        3.13787                    396678.26
3766971.08        3.57569
         396718.26    3766971.08        4.12039                    396758.26
3766971.08        4.78644
         396798.26    3766971.08        5.59802                    396838.26
3766971.08        6.59204
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5
YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396958.26	3766971.08	10.56406	396998.26	3766971.08	12.02908
397038.26	3766971.08	13.18369	397078.26	3766971.08	13.78118
397118.26	3766971.08	13.80586	397158.26	3766971.08	13.31431
397198.26	3766971.08	12.47942	397238.26	3766971.08	11.43009
397278.26	3766971.08	10.25754	397318.26	3766971.08	9.07460
397358.26	3766971.08	7.15730	397398.26	3766971.08	6.44998
397438.26	3766971.08	5.90582	397478.26	3766971.08	5.09743
397518.26	3766971.08	4.43172	397558.26	3766971.08	3.87617
397598.26	3766971.08	3.41413	397638.26	3766971.08	3.02684
397678.26	3766971.08	2.70032	397718.26		

3766971.08 2.42760
396558.26 3767011.08 2.58876 396598.26
3767011.08 2.90306
396638.26 3767011.08 3.30753 396678.26
3767011.08 3.81071
396718.26 3767011.08 4.43604 396758.26
3767011.08 5.23888
396798.26 3767011.08 6.26796 396838.26
3767011.08 7.60466
396878.26 3767011.08 9.30160 396918.26
3767011.08 11.43459
396958.26 3767011.08 13.90491 396998.26
3767011.08 16.63388
397038.26 3767011.08 18.73281 397078.26
3767011.08 19.64229
397118.26 3767011.08 19.41269 397158.26
3767011.08 18.34537
397198.26 3767011.08 16.83057 397238.26
3767011.08 15.06093
397278.26 3767011.08 13.20290 397318.26
3767011.08 11.34398
397358.26 3767011.08 8.46495 397398.26
3767011.08 6.84448
397438.26 3767011.08 6.51598 397478.26
3767011.08 5.70587
397518.26 3767011.08 4.86277 397558.26
3767011.08 4.19067
397598.26 3767011.08 3.64633 397638.26
3767011.08 3.20228
397678.26 3767011.08 2.83477 397718.26
3767011.08 2.53293
396558.26 3767051.08 2.67896 396598.26
3767051.08 3.02765
396638.26 3767051.08 3.45464 396678.26
3767051.08 4.01796
396718.26 3767051.08 4.73637 396758.26
3767051.08 5.67702
396798.26 3767051.08 6.95375 396838.26
3767051.08 8.71478
396878.26 3767051.08 11.21975 396918.26
3767051.08 14.80115
396958.26 3767051.08 19.61050 396998.26
3767051.08 25.45146
397038.26 3767051.08 30.07532 397078.26
3767051.08 31.07617
397118.26 3767051.08 29.65255 397158.26
3767051.08 27.05935
397198.26 3767051.08 24.05502 397238.26
3767051.08 20.87906
397278.26 3767051.08 17.74739 397318.26

3767051.08   14.57535
         397358.26   3767051.08   11.08532   397398.26
3767051.08   8.10063
         397438.26   3767051.08   6.93869   397478.26
3767051.08   6.17983
         397518.26   3767051.08   5.31266   397558.26
3767051.08   4.50805
         397598.26   3767051.08   3.87278   397638.26
3767051.08   3.36727
         397678.26   3767051.08   2.95997   397718.26
3767051.08   2.60084

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: AREA   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM-10   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         396558.26   3767091.08   2.75653   396598.26
3767091.08   3.13771
         396638.26   3767091.08   3.58623   396678.26
3767091.08   4.17385
         396718.26   3767091.08   4.97557   396758.26
3767091.08   6.05513
         396798.26   3767091.08   7.56760   396838.26
3767091.08   9.81884
         396878.26   3767091.08   13.35854   396918.26
3767091.08   19.33993

396958.26 3767091.08 29.77124 396998.26
3767091.08 49.88788
397078.26 3767091.08 60.36278 397118.26
3767091.08 52.68367
397158.26 3767091.08 44.95449 397198.26
3767091.08 37.89481
397238.26 3767091.08 31.53268 397278.26
3767091.08 25.74925
397318.26 3767091.08 19.86715 397358.26
3767091.08 14.12661
397398.26 3767091.08 9.92660 397438.26
3767091.08 7.66716
397478.26 3767091.08 5.98645 397518.26
3767091.08 5.03016
397558.26 3767091.08 4.17768 397598.26
3767091.08 3.79929
397638.26 3767091.08 3.51604 397678.26
3767091.08 3.07020
397718.26 3767091.08 2.69405 396558.26
3767131.08 2.81350
396598.26 3767131.08 3.20945 396638.26
3767131.08 3.69668
396678.26 3767131.08 4.29030 396718.26
3767131.08 5.12135
396758.26 3767131.08 6.30249 396798.26
3767131.08 8.01104
396838.26 3767131.08 10.67083 396878.26
3767131.08 15.36551
396918.26 3767131.08 25.11761 396958.26
3767131.08 52.52452
397238.26 3767131.08 58.02198 397278.26
3767131.08 44.72405
397318.26 3767131.08 30.45068 397358.26
3767131.08 18.17852
397398.26 3767131.08 11.75474 397438.26
3767131.08 8.57655
397478.26 3767131.08 6.22861 397518.26
3767131.08 5.11399
397558.26 3767131.08 4.28833 397598.26
3767131.08 3.80342
397638.26 3767131.08 3.57699 397678.26
3767131.08 3.15124
397718.26 3767131.08 2.76020 396558.26
3767171.08 2.84573
396598.26 3767171.08 3.24632 396638.26
3767171.08 3.75130
396678.26 3767171.08 4.37056 396718.26
3767171.08 5.18171
396758.26 3767171.08 6.37118 396798.26
3767171.08 8.17005

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         396838.26    3767171.08       11.01700                      396878.26
3767171.08       16.26982
         396918.26    3767171.08       29.12143                      397438.26
3767171.08        9.28132
         397478.26    3767171.08        6.99565                      397518.26
3767171.08        5.76165
         397558.26    3767171.08        4.81302                      397598.26
3767171.08        4.12142
         397638.26    3767171.08        3.61755                      397678.26
3767171.08        3.13169
         397718.26    3767171.08        2.76132                      396558.26
3767211.08        2.84126
         396598.26    3767211.08        3.24261                      396638.26
3767211.08        3.74254
         396678.26    3767211.08        4.38460                      396718.26
3767211.08        5.16781
         396758.26    3767211.08        6.28225                      396798.26
3767211.08        7.97177
         396838.26    3767211.08       10.66530                      396878.26
3767211.08       15.21244
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:13:40

                                  PAGE  69
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396918.26    3767211.08       24.20911                      396958.26
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3767211.08       42.04928
         397438.26    3767211.08        8.46279                    397478.26
3767211.08        6.64488
         397518.26    3767211.08        5.70851                    397558.26
3767211.08        4.89340
         397598.26    3767211.08        4.19277                    397638.26
3767211.08        3.58326
         397678.26    3767211.08        3.09219                    397718.26
3767211.08        2.72485
         396558.26    3767251.08        2.81406                    396598.26
3767251.08        3.20408
         396638.26    3767251.08        3.69041                    396678.26
3767251.08        4.30925
         396718.26    3767251.08        5.08317                    396758.26
3767251.08        6.06765
         396798.26    3767251.08        7.54332                    396838.26
3767251.08        9.76917
         396878.26    3767251.08       13.33063                    396918.26
3767251.08       16.79954
         396958.26    3767251.08       23.09243                    396998.26
3767251.08       32.48632
         397038.26    3767251.08       42.00312                    397078.26
3767251.08       57.76412
         397118.26    3767251.08       93.73616                    397318.26
3767251.08       34.53404
         397358.26    3767251.08       18.47635                    397398.26
3767251.08        9.74113
         397438.26    3767251.08        6.88814                    397478.26
3767251.08        5.87260
         397518.26    3767251.08        5.34837                    397558.26
3767251.08        4.53852
         397598.26    3767251.08        3.93450                    397638.26
3767251.08        3.51597
         397678.26    3767251.08        3.08103                    397718.26
3767251.08        2.71626
         396558.26    3767291.08        2.14880                    396598.26
3767291.08        2.62489
         396638.26    3767291.08        3.08934                    396678.26
3767291.08        3.83234
         396718.26    3767291.08        4.88353                    396758.26
3767291.08        5.75659
         396798.26    3767291.08        6.99504                    396838.26
3767291.08        8.77918
         396878.26    3767291.08       10.59167                    396918.26
3767291.08       12.51811
         396958.26    3767291.08       16.04519                    396998.26
3767291.08       18.20037
         397038.26    3767291.08       19.68107                    397078.26
3767291.08       25.03818
         397118.26    3767291.08       38.27404                    397158.26
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3767291.08       72.45064
         397278.26    3767291.08       39.82047                       397318.26
3767291.08       25.16633
         397358.26    3767291.08       14.19165                       397398.26
3767291.08        8.30407
         397438.26    3767291.08        6.17183                       397478.26
3767291.08        5.19461
         397518.26    3767291.08        4.35412                       397558.26
3767291.08        3.47076
         397598.26    3767291.08        3.00928                       397638.26
3767291.08        3.10784
         397678.26    3767291.08        3.01009                       397718.26
3767291.08        2.68561
         396558.26    3767331.08        1.81487                       396598.26
3767331.08        2.11140
         396638.26    3767331.08        2.53414                       396678.26
3767331.08        3.35679
         396718.26    3767331.08        4.30322                       396758.26
3767331.08        5.38398
         396798.26    3767331.08        6.39343                       396838.26
3767331.08        7.79263
         396878.26    3767331.08        8.96682                       396918.26
3767331.08       10.11151
         396958.26    3767331.08       12.04271                       396998.26
3767331.08       14.57519
         397038.26    3767331.08       15.15372                       397078.26
3767331.08       17.52539
         397118.26    3767331.08       22.20220                       397158.26
3767331.08       30.41640
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE  70
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397198.26	3767331.08	34.93043	397238.26	3767331.08	33.79349
397278.26	3767331.08	26.70220	397318.26	3767331.08	18.22328
397358.26	3767331.08	12.04106	397398.26	3767331.08	7.95667
397438.26	3767331.08	6.17171	397478.26	3767331.08	5.00138
397518.26	3767331.08	4.06585	397558.26	3767331.08	3.37031
397598.26	3767331.08	2.85230	397638.26	3767331.08	2.66378
397678.26	3767331.08	2.79111	397718.26	3767331.08	2.65058
396558.26	3767371.08	1.73502	396598.26	3767371.08	2.10864
396638.26	3767371.08	2.54111	396678.26	3767371.08	3.30430
396718.26	3767371.08	4.22311	396758.26	3767371.08	4.97084
396798.26	3767371.08	5.79460	396838.26	3767371.08	6.86797
396878.26	3767371.08	7.99735	396918.26	3767371.08	8.77651
396958.26	3767371.08	9.93963	396998.26	3767371.08	11.66472
397038.26	3767371.08	11.83436	397078.26	3767371.08	12.74385
397118.26	3767371.08	15.44302	397158.26	3767371.08	17.56419
397198.26	3767371.08	20.20923	397238.26	3767371.08	21.32937
397278.26	3767371.08	18.98249	397318.26	3767371.08	14.55174
397358.26	3767371.08	10.94127	397398.26	3767371.08	7.68833
397438.26	3767371.08	6.19287	397478.26	3767371.08	5.07387
397518.26	3767371.08	4.21508	397558.26	3767371.08	3.55234
397598.26	3767371.08	3.04451	397638.26	3767371.08	2.61064

```
         397678.26    3767371.08        2.42828                      397718.26
3767371.08        2.49569
         396558.26    3767411.08        1.66604                      396598.26
3767411.08        2.08789
         396638.26    3767411.08        2.62155                      396678.26
3767411.08        3.25197
         396718.26    3767411.08        3.93164                      396758.26
3767411.08        4.55109
         396798.26    3767411.08        5.22219                      396838.26
3767411.08        6.06161
         396878.26    3767411.08        6.90476                      396918.26
3767411.08        7.65755
         396958.26    3767411.08        8.37245                      396998.26
3767411.08        8.79947
         397038.26    3767411.08        8.83228                      397078.26
3767411.08        9.53577
         397118.26    3767411.08       10.98972                      397158.26
3767411.08       12.88043
         397198.26    3767411.08       14.68396                      397238.26
3767411.08       15.46668
         397278.26    3767411.08       14.66090                      397318.26
3767411.08       12.31579
         397358.26    3767411.08        9.98120                      397398.26
3767411.08        7.30558
         397438.26    3767411.08        6.02054                      397478.26
3767411.08        5.03167
         397518.26    3767411.08        4.25766                      397558.26
3767411.08        3.65623
         397598.26    3767411.08        3.18252                      397638.26
3767411.08        2.75263
         397678.26    3767411.08        2.37257                      397718.26
3767411.08        2.27217
         396558.26    3767451.08        1.65526                      396598.26
3767451.08        2.01237
         396638.26    3767451.08        2.49146                      396678.26
3767451.08        2.97952
         396718.26    3767451.08        3.45135                      396758.26
3767451.08        4.15024
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  71
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: AREA     ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
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                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396798.26    3767451.08        4.69286                      396838.26
3767451.08        5.35848
         396878.26    3767451.08        6.01918                      396918.26
3767451.08        6.58800
         396958.26    3767451.08        7.16237                      396998.26
3767451.08        7.60069
         397038.26    3767451.08        7.77352                      397078.26
3767451.08        8.12754
         397118.26    3767451.08        8.88107                      397158.26
3767451.08       10.06549
         397198.26    3767451.08       11.25067                      397238.26
3767451.08       11.84805
         397278.26    3767451.08       11.69805                      397318.26
3767451.08       10.50490
         397358.26    3767451.08        8.92033                      397398.26
3767451.08        6.78112
         397438.26    3767451.08        5.72835                      397478.26
3767451.08        4.90863
         397518.26    3767451.08        4.22741                      397558.26
3767451.08        3.68998
         397598.26    3767451.08        3.26468                      397638.26
3767451.08        2.85601
         397678.26    3767451.08        2.49103                      397718.26
3767451.08        2.25586
         396558.26    3767491.08        1.63491                      396598.26
3767491.08        1.92564
         396638.26    3767491.08        2.16986                      396678.26
3767491.08        2.44814
         396718.26    3767491.08        2.90933                      396758.26
3767491.08        3.75851
         396798.26    3767491.08        4.21727                      396838.26
3767491.08        4.73792
         396878.26    3767491.08        5.27869                      396918.26
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3767491.08        5.73082
         396958.26    3767491.08        6.26325                     396998.26
3767491.08        6.76326
         397038.26    3767491.08        6.82962                     397078.26
3767491.08        7.03284
         397118.26    3767491.08        7.48421                     397158.26
3767491.08        8.20976
         397198.26    3767491.08        9.03183                     397238.26
3767491.08        9.49990
         397278.26    3767491.08        9.47419                     397318.26
3767491.08        8.94614
         397358.26    3767491.08        7.97059                     397398.26
3767491.08        6.51110
         397438.26    3767491.08        5.44731                     397478.26
3767491.08        4.67294
         397518.26    3767491.08        4.08779                     397558.26
3767491.08        3.63412
         397598.26    3767491.08        3.28904                     397638.26
3767491.08        2.90404
         397678.26    3767491.08        2.56511                     397718.26
3767491.08        2.32053
         396558.26    3767531.08        1.53881                     396598.26
3767531.08        1.71679
         396638.26    3767531.08        1.82987                     396678.26
3767531.08        2.06021
         396718.26    3767531.08        2.59322                     396758.26
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         396798.26    3767531.08        3.79656                     396838.26
3767531.08        4.19943
         396878.26    3767531.08        4.60552                     396918.26
3767531.08        5.03620
         396958.26    3767531.08        5.51251                     396998.26
3767531.08        6.01581
         397038.26    3767531.08        6.13792                     397078.26
3767531.08        6.37805
         397118.26    3767531.08        6.48422                     397158.26
3767531.08        6.87444
         397198.26    3767531.08        7.42451                     397238.26
3767531.08        7.78043
         397278.26    3767531.08        7.84723                     397318.26
3767531.08        7.58173
         397358.26    3767531.08        7.05965                     397398.26
3767531.08        6.04693
         397438.26    3767531.08        4.92880                     397478.26
3767531.08        4.31491
         397518.26    3767531.08        3.87435                     397558.26
3767531.08        3.50090
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397598.26	3767531.08	3.23050	397638.26	3767531.08	2.87191
397678.26	3767531.08	2.55363	397718.26	3767531.08	2.31979
397320.82	3767219.11	46.03340	397330.82	3767209.11	41.07393
397340.82	3767189.11	37.50610	397340.82	3767199.11	35.89416
397340.82	3767209.11	33.81434	397350.82	3767189.11	30.19203
397350.82	3767199.11	29.53112	397360.82	3767189.11	25.11327
397360.82	3767199.11	24.83211	397370.82	3767189.11	21.44963
397380.82	3767189.11	18.59451	396934.73	3767169.52	42.01316
397014.53	3767229.60	70.70053	397044.10	3767223.97	93.59277
397113.57	3767239.93	102.74567	397158.63	3767280.29	83.49716
397168.95	3767307.05	54.58285	397244.05	3767296.72	57.31556
397260.95	3767278.88	59.84102	397409.74	3767205.66	11.98724

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         397422.89    3767189.23       10.80436                      397426.64
3767180.78       10.35764
         397420.54    3767170.46       10.93536                      397318.68
3767160.13       48.81502
         397022.98    3767083.62       52.64331                      396920.42
3767167.32       30.43934
         396989.95    3767243.54       35.17747                      397044.10
3767223.97       93.59277
         397113.57    3767239.93      102.74567                      397158.63
3767280.29       83.49716
         397168.95    3767307.05       54.58285                      397244.05
3767296.72       57.31556
         397260.95    3767278.88       59.84102                      397409.74
3767205.66       11.98724
         397422.89    3767189.23       10.80436                      397426.64
3767180.78       10.35764
         397420.54    3767170.46       10.93536                      397318.68
3767160.13       48.81502
         397022.98    3767083.62       52.64331

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE  73
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                     INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM-10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396558.26    3766771.08        1.91257                      396598.26
```

3766771.08 2.09199
396638.26 3766771.08 2.31300 396678.26 3766771.08 2.53001
396718.26 3766771.08 2.75833 396758.26 3766771.08 2.98851
396798.26 3766771.08 3.21119 396838.26 3766771.08 3.45751
396878.26 3766771.08 3.70018 396918.26 3766771.08 3.93485
396958.26 3766771.08 4.14583 396998.26 3766771.08 4.31588
397038.26 3766771.08 4.43861 397078.26 3766771.08 4.50669
397118.26 3766771.08 4.50986 397158.26 3766771.08 4.44698
397198.26 3766771.08 4.34912 397238.26 3766771.08 4.21584
397278.26 3766771.08 4.04898 397318.26 3766771.08 3.85496
397358.26 3766771.08 3.63983 397398.26 3766771.08 3.41689
397438.26 3766771.08 3.18871 397478.26 3766771.08 2.96483
397518.26 3766771.08 2.74909 397558.26 3766771.08 2.54437
397598.26 3766771.08 2.35313 397638.26 3766771.08 2.17629
397678.26 3766771.08 2.01369 397718.26 3766771.08 1.86441
396558.26 3766811.08 2.02432 396598.26 3766811.08 2.21599
396638.26 3766811.08 2.47308 396678.26 3766811.08 2.73911
396718.26 3766811.08 3.00445 396758.26 3766811.08 3.27228
396798.26 3766811.08 3.57912 396838.26 3766811.08 3.90241
396878.26 3766811.08 4.22773 396918.26 3766811.08 4.54853
396958.26 3766811.08 4.84253 396998.26 3766811.08 5.08513
397038.26 3766811.08 5.25900 397078.26 3766811.08 5.35476
397118.26 3766811.08 5.38186 397158.26 3766811.08 5.31847
397198.26 3766811.08 5.16542 397238.26 3766811.08 4.95220
397278.26 3766811.08 4.70531 397318.26 3766811.08 4.43901
397358.26 3766811.08 4.15559 397398.26

3766811.08   3.86281
         397438.26   3766811.08   3.57023   397478.26
3766811.08   3.28841
         397518.26   3766811.08   3.02095   397558.26
3766811.08   2.77209
         397598.26   3766811.08   2.54364   397638.26
3766811.08   2.33571
         397678.26   3766811.08   2.14749   397718.26
3766811.08   1.97749
         396558.26   3766851.08   2.14519   396598.26
3766851.08   2.35129
         396638.26   3766851.08   2.61167   396678.26
3766851.08   2.92402
         396718.26   3766851.08   3.25089   396758.26
3766851.08   3.60138
         396798.26   3766851.08   3.99639   396838.26
3766851.08   4.42443
         396878.26   3766851.08   4.87683   396918.26
3766851.08   5.31313
         396958.26   3766851.08   5.72975   396998.26
3766851.08   6.08419
         397038.26   3766851.08   6.33769   397078.26
3766851.08   6.49352
         397118.26   3766851.08   6.53664   397158.26
3766851.08   6.44727
         397198.26   3766851.08   6.23644   397238.26
3766851.08   5.94688
         397278.26   3766851.08   5.58695   397318.26
3766851.08   5.17905

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   , L0000001   , L0000002
 , L0000003   , L0000004   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397358.26	3766851.08	4.78578	397398.26	3766851.08	4.39559
397438.26	3766851.08	4.01731	397478.26	3766851.08	3.65830
397518.26	3766851.08	3.32541	397558.26	3766851.08	3.02205
397598.26	3766851.08	2.74881	397638.26	3766851.08	2.50449
397678.26	3766851.08	2.28672	397718.26	3766851.08	2.09299
396558.26	3766891.08	2.26345	396598.26	3766891.08	2.49393
396638.26	3766891.08	2.78598	396678.26	3766891.08	3.14663
396718.26	3766891.08	3.53534	396758.26	3766891.08	3.97699
396798.26	3766891.08	4.48005	396838.26	3766891.08	5.04192
396878.26	3766891.08	5.66464	396918.26	3766891.08	6.27552
396958.26	3766891.08	6.88730	396998.26	3766891.08	7.41822
397038.26	3766891.08	7.81345	397078.26	3766891.08	8.08554
397118.26	3766891.08	8.13044	397158.26	3766891.08	7.95216
397198.26	3766891.08	7.67466	397238.26	3766891.08	7.24066
397278.26	3766891.08	6.73265	397318.26	3766891.08	6.18051
397358.26	3766891.08	5.59793	397398.26	3766891.08	5.04128
397438.26	3766891.08	4.53902	397478.26	3766891.08	4.07917
397518.26	3766891.08	3.66496	397558.26	3766891.08	3.29411
397598.26	3766891.08	2.96746	397638.26	3766891.08	2.68089
397678.26	3766891.08	2.42980	397718.26	3766891.08	2.21018
396558.26	3766931.08	2.38480	396598.26	3766931.08	2.64651

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         396638.26    3766931.08        2.98508                      396678.26
3766931.08        3.37033
         396718.26    3766931.08        3.84570                      396758.26
3766931.08        4.39375
         396798.26    3766931.08        5.03696                      396838.26
3766931.08        5.77896
         396878.26    3766931.08        6.61842                      396918.26
3766931.08        7.53159
         396958.26    3766931.08        8.45292                      396998.26
3766931.08        9.29992
         397038.26    3766931.08        9.97962                      397078.26
3766931.08       10.37490
         397118.26    3766931.08       10.43182                      397158.26
3766931.08       10.16014
         397198.26    3766931.08        9.67153                      397238.26
3766931.08        9.01014
         397278.26    3766931.08        8.23416                      397318.26
3766931.08        7.43685
         397358.26    3766931.08        6.66089                      397398.26
3766931.08        5.87966
         397438.26    3766931.08        5.16903                      397478.26
3766931.08        4.56299
         397518.26    3766931.08        4.04319                      397558.26
3766931.08        3.58721
         397598.26    3766931.08        3.19668                      397638.26
3766931.08        2.86182
         397678.26    3766931.08        2.57394                      397718.26
3766931.08        2.32761
         396558.26    3766971.08        2.49918                      396598.26
3766971.08        2.79349
         396638.26    3766971.08        3.16176                      396678.26
3766971.08        3.60462
         396718.26    3766971.08        4.15595                      396758.26
3766971.08        4.83018
         396798.26    3766971.08        5.65299                      396838.26
3766971.08        6.66081
         396878.26    3766971.08        7.83913                      396918.26
3766971.08        9.20239
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  75
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
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                EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         396958.26    3766971.08       10.68174                     396998.26
3766971.08       12.15398
         397038.26    3766971.08       13.30487                     397078.26
3766971.08       13.89084
         397118.26    3766971.08       13.90936                     397158.26
3766971.08       13.39966
         397198.26    3766971.08       12.53747                     397238.26
3766971.08       11.47469
         397278.26    3766971.08       10.29568                     397318.26
3766971.08        9.10993
         397358.26    3766971.08        7.18863                     397398.26
3766971.08        6.47917
         397438.26    3766971.08        5.93312                     397478.26
3766971.08        5.12195
         397518.26    3766971.08        4.45382                     397558.26
3766971.08        3.89606
         397598.26    3766971.08        3.43198                     397638.26
3766971.08        3.04284
         397678.26    3766971.08        2.71466                     397718.26
3766971.08        2.44059
         396558.26    3767011.08        2.60513                     396598.26
3767011.08        2.92216
         396638.26    3767011.08        3.33034                     396678.26
3767011.08        3.83823
         396718.26    3767011.08        4.46950                     396758.26
3767011.08        5.28043
         396798.26    3767011.08        6.31980                     396838.26
3767011.08        7.67107
         396878.26    3767011.08        9.38726                     396918.26
3767011.08       11.54464
         396958.26    3767011.08       14.03821                     396998.26
3767011.08       16.78636
         397038.26    3767011.08       18.89950                     397078.26
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3767011.08       19.83316
         397118.26    3767011.08       19.58868                       397158.26
3767011.08       18.47151
         397198.26    3767011.08       16.91763                       397238.26
3767011.08       15.12508
         397278.26    3767011.08       13.25450                       397318.26
3767011.08       11.38709
         397358.26    3767011.08        8.50209                       397398.26
3767011.08        6.87772
         397438.26    3767011.08        6.54675                       397478.26
3767011.08        5.73376
         397518.26    3767011.08        4.88748                       397558.26
3767011.08        4.21259
         397598.26    3767011.08        3.66580                       397638.26
3767011.08        3.21957
         397678.26    3767011.08        2.85013                       397718.26
3767011.08        2.54669
         396558.26    3767051.08        2.69478                       396598.26
3767051.08        3.04605
         396638.26    3767051.08        3.47626                       396678.26
3767051.08        4.04392
         396718.26    3767051.08        4.76792                       396758.26
3767051.08        5.71578
         396798.26    3767051.08        7.00219                       396838.26
3767051.08        8.77670
         396878.26    3767051.08       11.30155                       396918.26
3767051.08       14.91253
         396958.26    3767051.08       19.75655                       396998.26
3767051.08       25.65437
         397038.26    3767051.08       30.33615                       397078.26
3767051.08       31.31199
         397118.26    3767051.08       29.86811                       397158.26
3767051.08       27.22046
         397198.26    3767051.08       24.16824                       397238.26
3767051.08       20.96070
         397278.26    3767051.08       17.81661                       397318.26
3767051.08       14.63191
         397358.26    3767051.08       11.13027                       397398.26
3767051.08        8.13924
         397438.26    3767051.08        6.97299                       397478.26
3767051.08        6.21057
         397518.26    3767051.08        5.34006                       397558.26
3767051.08        4.53225
         397598.26    3767051.08        3.89402                       397638.26
3767051.08        3.38593
         397678.26    3767051.08        2.97650                       397718.26
3767051.08        2.61546
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396558.26	3767091.08	2.77182	396598.26	3767091.08	3.15546
396638.26	3767091.08	3.60685	396678.26	3767091.08	4.19822
396718.26	3767091.08	5.00497	396758.26	3767091.08	6.09100
396798.26	3767091.08	7.61222	396838.26	3767091.08	9.87560
396878.26	3767091.08	13.43301	396918.26	3767091.08	19.44198
396958.26	3767091.08	29.93302	396998.26	3767091.08	50.18614
397078.26	3767091.08	60.66837	397118.26	3767091.08	53.00676
397158.26	3767091.08	45.22249	397198.26	3767091.08	38.07266
397238.26	3767091.08	31.65050	397278.26	3767091.08	25.83996
397318.26	3767091.08	19.94495	397358.26	3767091.08	14.18130
397398.26	3767091.08	9.97168	397438.26	3767091.08	7.70578
397478.26	3767091.08	6.01965	397518.26	3767091.08	5.05913

```
         397558.26    3767091.08        4.20294                    397598.26
3767091.08        3.82178
         397638.26    3767091.08        3.53642                    397678.26
3767091.08        3.08813
         397718.26    3767091.08        2.70978                    396558.26
3767131.08        2.82839
         396598.26    3767131.08        3.22658                    396638.26
3767131.08        3.71652
         396678.26    3767131.08        4.31328                    396718.26
3767131.08        5.14868
         396758.26    3767131.08        6.33567                    396798.26
3767131.08        8.05196
         396838.26    3767131.08       10.72226                    396878.26
3767131.08       15.43211
         396918.26    3767131.08       25.20598                    396958.26
3767131.08       52.66753
         397238.26    3767131.08       58.23840                    397278.26
3767131.08       44.86057
         397318.26    3767131.08       30.55217                    397358.26
3767131.08       18.24913
         397398.26    3767131.08       11.80753                    397438.26
3767131.08        8.62085
         397478.26    3767131.08        6.26598                    397518.26
3767131.08        5.14619
         397558.26    3767131.08        4.31634                    397598.26
3767131.08        3.82795
         397638.26    3767131.08        3.59905                    397678.26
3767131.08        3.17077
         397718.26    3767131.08        2.77739                    396558.26
3767171.08        2.86035
         396598.26    3767171.08        3.26298                    396638.26
3767171.08        3.77049
         396678.26    3767171.08        4.39261                    396718.26
3767171.08        5.20738
         396758.26    3767171.08        6.40186                    396798.26
3767171.08        8.20766
         396838.26    3767171.08       11.06395                    396878.26
3767171.08       16.33002
         396918.26    3767171.08       29.20019                    397438.26
3767171.08        9.33481
         397478.26    3767171.08        7.04056                    397518.26
3767171.08        5.79991
         397558.26    3767171.08        4.84598                    397598.26
3767171.08        4.15005
         397638.26    3767171.08        3.64251                    397678.26
3767171.08        3.15340
         397718.26    3767171.08        2.78034                    396558.26
3767211.08        2.85562
         396598.26    3767211.08        3.25895                    396638.26
3767211.08        3.76125
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
396918.26	3767211.08	24.27772	396958.26	3767211.08	42.13436
397438.26	3767211.08	8.53262	397478.26	3767211.08	6.70150
397518.26	3767211.08	5.75589	397558.26	3767211.08	4.93349
397598.26	3767211.08	4.22702	397638.26	3767211.08	3.61248
397678.26	3767211.08	3.11721	397718.26	3767211.08	2.74646
396558.26	3767251.08	2.82827	396598.26	3767251.08	3.22025
396638.26	3767251.08	3.70889	396678.26	3767251.08	4.33054
396718.26	3767251.08	5.10739	396758.26		

3767251.08 6.09526
396798.26 3767251.08 7.57601 396838.26
3767251.08 9.80884
396878.26 3767251.08 13.38045 396918.26
3767251.08 16.85885
396958.26 3767251.08 23.16536 396998.26
3767251.08 32.58435
397038.26 3767251.08 42.15189 397078.26
3767251.08 58.00323
397118.26 3767251.08 94.23865 397318.26
3767251.08 34.80378
397358.26 3767251.08 18.65808 397398.26
3767251.08 9.87123
397438.26 3767251.08 6.98653 397478.26
3767251.08 5.94863
397518.26 3767251.08 5.40943 397558.26
3767251.08 4.58840
397598.26 3767251.08 3.97602 397638.26
3767251.08 3.55097
397678.26 3767251.08 3.11058 397718.26
3767251.08 2.74138
396558.26 3767291.08 2.16193 396598.26
3767291.08 2.63995
396638.26 3767291.08 3.10662 396678.26
3767291.08 3.85248
396718.26 3767291.08 4.90741 396758.26
3767291.08 5.78334
396798.26 3767291.08 7.02622 396838.26
3767291.08 8.81648
396878.26 3767291.08 10.63669 396918.26
3767291.08 12.57156
396958.26 3767291.08 16.11153 396998.26
3767291.08 18.29318
397038.26 3767291.08 19.85387 397078.26
3767291.08 25.31907
397118.26 3767291.08 38.59965 397158.26
3767291.08 72.94021
397278.26 3767291.08 40.25361 397318.26
3767291.08 25.53222
397358.26 3767291.08 14.43048 397398.26
3767291.08 8.48226
397438.26 3767291.08 6.30373 397478.26
3767291.08 5.29490
397518.26 3767291.08 4.43259 397558.26
3767291.08 3.53363
397598.26 3767291.08 3.06039 397638.26
3767291.08 3.14989
397678.26 3767291.08 3.04527 397718.26
3767291.08 2.71516
396558.26 3767331.08 1.82756 396598.26

3767331.08   2.12578
         396638.26   3767331.08   2.55057   396678.26
3767331.08   3.37598
         396718.26   3767331.08   4.32580   396758.26
3767331.08   5.41007
         396798.26   3767331.08   6.42332   396838.26
3767331.08   7.82799
         396878.26   3767331.08   9.00863   396918.26
3767331.08   10.16112
         396958.26   3767331.08   12.10508   396998.26
3767331.08   14.66066
         397038.26   3767331.08   15.29413   397078.26
3767331.08   17.77170
         397118.26   3767331.08   22.54681   397158.26
3767331.08   30.87063

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   , L0000001   , L0000002
 , L0000003   , L0000004   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM-10   IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         397198.26   3767331.08   35.42299   397238.26
3767331.08   34.29279
         397278.26   3767331.08   27.15086   397318.26
3767331.08   18.56050
         397358.26   3767331.08   12.30938   397398.26
3767331.08   8.16580

```
         397438.26    3767331.08        6.33035                    397478.26
3767331.08        5.12350
         397518.26    3767331.08        4.16176                    397558.26
3767331.08        3.44700
         397598.26    3767331.08        2.91394                    397638.26
3767331.08        2.71397
         397678.26    3767331.08        2.83256                    397718.26
3767331.08        2.68508
         396558.26    3767371.08        1.74739                    396598.26
3767371.08        2.12265
         396638.26    3767371.08        2.55710                    396678.26
3767371.08        3.32290
         396718.26    3767371.08        4.24503                    396758.26
3767371.08        4.99596
         396798.26    3767371.08        5.82317                    396838.26
3767371.08        6.90132
         396878.26    3767371.08        8.03703                    396918.26
3767371.08        8.82336
         396958.26    3767371.08        9.99851                    396998.26
3767371.08       11.74438
         397038.26    3767371.08       11.95141                    397078.26
3767371.08       12.92334
         397118.26    3767371.08       15.69164                    397158.26
3767371.08       17.88896
         397198.26    3767371.08       20.56893                    397238.26
3767371.08       21.69233
         397278.26    3767371.08       19.32355                    397318.26
3767371.08       14.85711
         397358.26    3767371.08       11.20056                    397398.26
3767371.08        7.90248
         397438.26    3767371.08        6.36331                    397478.26
3767371.08        5.20959
         397518.26    3767371.08        4.32392                    397558.26
3767371.08        3.64019
         397598.26    3767371.08        3.11588                    397638.26
3767371.08        2.66877
         397678.26    3767371.08        2.47587                    397718.26
3767371.08        2.53515
         396558.26    3767411.08        1.67804                    396598.26
3767411.08        2.10148
         396638.26    3767411.08        2.63714                    396678.26
3767411.08        3.27001
         396718.26    3767411.08        3.95256                    396758.26
3767411.08        4.57515
         396798.26    3767411.08        5.24945                    396838.26
3767411.08        6.09334
         396878.26    3767411.08        6.94218                    396918.26
3767411.08        7.70185
         396958.26    3767411.08        8.42755                    396998.26
3767411.08        8.87278
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         397038.26    3767411.08        8.93515                      397078.26
3767411.08        9.67941
         397118.26    3767411.08       11.17953                      397158.26
3767411.08       13.11427
         397198.26    3767411.08       14.95057                      397238.26
3767411.08       15.74962
         397278.26    3767411.08       14.94080                      397318.26
3767411.08       12.57766
         397358.26    3767411.08       10.21320                      397398.26
3767411.08        7.50702
         397438.26    3767411.08        6.18960                      397478.26
3767411.08        5.17181
         397518.26    3767411.08        4.37315                      397558.26
3767411.08        3.75139
         397598.26    3767411.08        3.26074                      397638.26
3767411.08        2.81706
         397678.26    3767411.08        2.42576                      397718.26
3767411.08        2.31606
         396558.26    3767451.08        1.66689                      396598.26
3767451.08        2.02546
         396638.26    3767451.08        2.50642                      396678.26
3767451.08        2.99661
         396718.26    3767451.08        3.47090                      396758.26
3767451.08        4.17320
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                  PAGE  79
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                   EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                   EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                   EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM-10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
```

Y-COORD (M) CONC

- - - -

3767491.08   4.80092
         397518.26   3767491.08   4.19944   397558.26
3767491.08   3.73031
         397598.26   3767491.08   3.37118   397638.26
3767491.08   2.97390
         397678.26   3767491.08   2.62415   397718.26
3767491.08   2.37046
         396558.26   3767531.08   1.54959   396598.26
3767531.08   1.72879
         396638.26   3767531.08   1.84325   396678.26
3767531.08   2.07525
         396718.26   3767531.08   2.61035   396758.26
3767531.08   3.45567
         396798.26   3767531.08   3.81989   396838.26
3767531.08   4.22641
         396878.26   3767531.08   4.63685   396918.26
3767531.08   5.07313
         396958.26   3767531.08   5.55695   396998.26
3767531.08   6.07060
         397038.26   3767531.08   6.20658   397078.26
3767531.08   6.46406
         397118.26   3767531.08   6.58979   397158.26
3767531.08   6.99937
         397198.26   3767531.08   7.56560   397238.26
3767531.08   7.93300
         397278.26   3767531.08   8.00469   397318.26
3767531.08   7.73833
         397358.26   3767531.08   7.21015   397398.26
3767531.08   6.18788
         397438.26   3767531.08   5.05863   397478.26
3767531.08   4.43240
         397518.26   3767531.08   3.97853   397558.26
3767531.08   3.59248

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   EG01   , EG02
 , EG03   , EG04   , EG05   ,
                   EG06   , EG07   , EG08   , EG09   , EG10
 , EG11   , EG12   , EG13   ,
                   EG14   , EG15   , EG16   , EG17   , EG18
 , EG19   , EG20   , EG21   ,
                   EG22   , EG23   , EG24   , L0000001   , L0000002

, L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
397598.26	3767531.08	3.31029	397638.26	3767531.08	2.94086
397678.26	3767531.08	2.61298	397718.26	3767531.08	2.37068
397320.82	3767219.11	46.32268	397330.82	3767209.11	41.33467
397340.82	3767189.11	37.70272	397340.82	3767199.11	36.11427
397340.82	3767209.11	34.05148	397350.82	3767189.11	30.36348
397350.82	3767199.11	29.72011	397360.82	3767189.11	25.24702
397360.82	3767199.11	24.97913	397370.82	3767189.11	21.55290
397380.82	3767189.11	18.68071	396934.73	3767169.52	42.10097
397014.53	3767229.60	70.82512	397044.10	3767223.97	93.79637
397113.57	3767239.93	103.30540	397158.63	3767280.29	84.07265
397168.95	3767307.05	55.00055	397244.05	3767296.72	57.76702
397260.95	3767278.88	60.25039	397409.74	3767205.66	12.06661
397422.89	3767189.23	10.86884	397426.64	3767180.78	10.41745
397420.54	3767170.46	10.99340	397318.68	3767160.13	48.95073
397022.98	3767083.62	52.93471	396920.42	3767167.32	30.52003
396989.95	3767243.54	35.27080	397044.10	3767223.97	93.79637
397113.57	3767239.93	103.30540	397158.63	3767280.29	84.07265
397168.95	3767307.05	55.00055	397244.05	3767296.72	57.76702
397260.95	3767278.88	60.25039	397409.74	3767205.66	12.06661

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         397422.89    3767189.23       10.86884                      397426.64
3767180.78       10.41745
         397420.54    3767170.46       10.99340                      397318.68
3767160.13       48.95073
         397022.98    3767083.62       52.93471

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE  81
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM-10    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        396558.26   3766771.08        0.17597  (10121724)               396598.26
 3766771.08        0.21172  (10121724)
        396638.26   3766771.08        0.25449  (10121724)               396678.26
 3766771.08        0.29544  (15010624)
        396718.26   3766771.08        0.34749  (10121724)               396758.26
 3766771.08        0.38651  (15122224)
        396798.26   3766771.08        0.42629  (15122224)               396838.26
 3766771.08        0.45423  (15122224)
        396878.26   3766771.08        0.45096  (15122224)               396918.26
 3766771.08        0.45155  (16122024)
        396958.26   3766771.08        0.48618  (16122024)               396998.26
 3766771.08        0.47972  (16122024)
        397038.26   3766771.08        0.51112  (16122824)               397078.26
 3766771.08        0.49105  (16122824)
        397118.26   3766771.08        0.45562  (16122924)               397158.26
 3766771.08        0.39566  (16122924)
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       397198.26   3766771.08        0.30869  (16122924)               397238.26
3766771.08        0.21533  (16122924)
       397278.26   3766771.08        0.19938m (10123124)               397318.26
3766771.08        0.20656  (10010424)
       397358.26   3766771.08        0.19835  (10010424)               397398.26
3766771.08        0.17274  (10010424)
       397438.26   3766771.08        0.16679  (11011324)               397478.26
3766771.08        0.15864  (11011324)
       397518.26   3766771.08        0.16294  (11011324)               397558.26
3766771.08        0.15787  (11011324)
       397598.26   3766771.08        0.14858  (11011324)               397638.26
3766771.08        0.15344  (15122524)
       397678.26   3766771.08        0.16388  (15122524)               397718.26
3766771.08        0.16826  (15122524)
       396558.26   3766811.08        0.16822  (10121724)               396598.26
3766811.08        0.19961  (10121724)
       396638.26   3766811.08        0.25088  (10121724)               396678.26
3766811.08        0.30265  (10121724)
       396718.26   3766811.08        0.36365  (15010624)               396758.26
3766811.08        0.39963  (15010624)
       396798.26   3766811.08        0.45618  (15122224)               396838.26
3766811.08        0.51383  (15122224)
       396878.26   3766811.08        0.53707  (15122224)               396918.26
3766811.08        0.52102  (15122224)
       396958.26   3766811.08        0.55336  (16122024)               396998.26
3766811.08        0.56799  (16122024)
       397038.26   3766811.08        0.57914  (16122824)               397078.26
3766811.08        0.56658  (16122824)
       397118.26   3766811.08        0.52130  (16122924)               397158.26
3766811.08        0.46246  (16122924)
       397198.26   3766811.08        0.35533  (16122924)               397238.26
3766811.08        0.23973  (16122924)
       397278.26   3766811.08        0.22055m (10123124)               397318.26
3766811.08        0.22094  (10010424)
       397358.26   3766811.08        0.20497  (10010424)               397398.26
3766811.08        0.19694  (11011324)
       397438.26   3766811.08        0.19494  (11011324)               397478.26
3766811.08        0.19244  (11011324)
       397518.26   3766811.08        0.18848  (11011324)               397558.26
3766811.08        0.17852  (11011324)
       397598.26   3766811.08        0.18866  (15122524)               397638.26
3766811.08        0.20249  (15122524)
       397678.26   3766811.08        0.20899  (15122524)               397718.26
3766811.08        0.20817  (15122524)
       396558.26   3766851.08        0.15663  (15010624)               396598.26
3766851.08        0.19099  (15010624)
       396638.26   3766851.08        0.23301  (15010624)               396678.26
3766851.08        0.29493  (15010624)
       396718.26   3766851.08        0.34509  (15010624)               396758.26
3766851.08        0.42403  (15010624)
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       396798.26   3766851.08        0.47998  (15010624)               396838.26
 3766851.08        0.55460  (15122224)
       396878.26   3766851.08        0.61975  (15122224)               396918.26
 3766851.08        0.63068  (15122224)
       396958.26   3766851.08        0.62160  (16122024)               396998.26
 3766851.08        0.65615  (16122024)
       397038.26   3766851.08        0.64982  (16122824)               397078.26
 3766851.08        0.65546  (16122824)
       397118.26   3766851.08        0.59654  (16122924)               397158.26
 3766851.08        0.53323  (16122924)
       397198.26   3766851.08        0.41031  (16122924)               397238.26
 3766851.08        0.27489  (16122924)
       397278.26   3766851.08        0.25304m (10123124)               397318.26
 3766851.08        0.23378  (10010424)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE  82
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       397358.26   3766851.08        0.23037  (11011324)               397398.26
 3766851.08        0.23760  (11011324)
       397438.26   3766851.08        0.22648  (11011324)               397478.26
 3766851.08        0.22481  (11011324)
       397518.26   3766851.08        0.21461  (11011324)               397558.26
 3766851.08        0.23357  (15122524)
       397598.26   3766851.08        0.25107  (15122524)               397638.26
 3766851.08        0.25859  (15122524)
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       397678.26   3766851.08        0.25653  (15122524)               397718.26
3766851.08        0.24641  (15122524)
       396558.26   3766891.08        0.17016  (11021824)               396598.26
3766891.08        0.18551  (11021824)
       396638.26   3766891.08        0.22312  (15010624)               396678.26
3766891.08        0.27814  (15010624)
       396718.26   3766891.08        0.35017  (15010624)               396758.26
3766891.08        0.43169  (15010624)
       396798.26   3766891.08        0.51306  (15010624)               396838.26
3766891.08        0.58073  (15010624)
       396878.26   3766891.08        0.67784  (15122224)               396918.26
3766891.08        0.73304  (15122224)
       396958.26   3766891.08        0.72735  (15122224)               396998.26
3766891.08        0.74983  (16122024)
       397038.26   3766891.08        0.74245  (16122024)               397078.26
3766891.08        0.76288  (16122824)
       397118.26   3766891.08        0.69722  (16122824)               397158.26
3766891.08        0.60119  (16122924)
       397198.26   3766891.08        0.47427  (16122924)               397238.26
3766891.08        0.31240  (16122924)
       397278.26   3766891.08        0.28771m (10123124)               397318.26
3766891.08        0.28043  (11011324)
       397358.26   3766891.08        0.28953  (11011324)               397398.26
3766891.08        0.28175  (11011324)
       397438.26   3766891.08        0.26698  (11011324)               397478.26
3766891.08        0.25708  (11011324)
       397518.26   3766891.08        0.29062  (15122524)               397558.26
3766891.08        0.31204  (15122524)
       397598.26   3766891.08        0.31990  (15122524)               397638.26
3766891.08        0.31680  (15122524)
       397678.26   3766891.08        0.30145  (15122524)               397718.26
3766891.08        0.27936  (15122524)
       396558.26   3766931.08        0.18078  (11021824)               396598.26
3766931.08        0.20068  (11021824)
       396638.26   3766931.08        0.22796  (11021824)               396678.26
3766931.08        0.25946  (15010624)
       396718.26   3766931.08        0.32502  (15010624)               396758.26
3766931.08        0.41424  (15010624)
       396798.26   3766931.08        0.51835  (15010624)               396838.26
3766931.08        0.62257  (15010624)
       396878.26   3766931.08        0.69987  (15010624)               396918.26
3766931.08        0.81534  (15122224)
       396958.26   3766931.08        0.86904  (15122224)               396998.26
3766931.08        0.86809  (16122024)
       397038.26   3766931.08        0.89596  (16122024)               397078.26
3766931.08        0.89376  (16122824)
       397118.26   3766931.08        0.83751  (16122824)               397158.26
3766931.08        0.72066  (16122924)
       397198.26   3766931.08        0.55922  (16122924)               397238.26
3766931.08        0.36401  (16122924)
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       397278.26   3766931.08        0.33745  (11011324)               397318.26
 3766931.08        0.36149  (11011324)
       397358.26   3766931.08        0.36808  (11011324)               397398.26
 3766931.08        0.34499  (11011324)
       397438.26   3766931.08        0.32196  (15122524)               397478.26
 3766931.08        0.36252  (15122524)
       397518.26   3766931.08        0.39248  (15122524)               397558.26
 3766931.08        0.39770  (15122524)
       397598.26   3766931.08        0.38697  (15122524)               397638.26
 3766931.08        0.36348  (15122524)
       397678.26   3766931.08        0.33146  (15122524)               397718.26
 3766931.08        0.29870  (15122524)
       396558.26   3766971.08        0.17797  (11021824)               396598.26
 3766971.08        0.20384  (11021824)
       396638.26   3766971.08        0.23874  (11021824)               396678.26
 3766971.08        0.27231  (11021824)
       396718.26   3766971.08        0.30508  (11021824)               396758.26
 3766971.08        0.37463  (15010624)
       396798.26   3766971.08        0.48473  (15010624)               396838.26
 3766971.08        0.62009  (15010624)
       396878.26   3766971.08        0.75216  (15010624)               396918.26
 3766971.08        0.85626  (15122224)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  83
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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       396958.26   3766971.08        0.99820  (15122224)              396998.26
3766971.08        1.04346  (15122224)
       397038.26   3766971.08        1.09964  (16122024)              397078.26
3766971.08        1.08252  (16122024)
       397118.26   3766971.08        1.07622  (16122824)              397158.26
3766971.08        1.08119  (16122824)
       397198.26   3766971.08        0.73864  (16122924)              397238.26
3766971.08        0.46940  (11011324)
       397278.26   3766971.08        0.44682  (11011324)              397318.26
3766971.08        0.46094  (11011324)
       397358.26   3766971.08        0.43624  (11011324)              397398.26
3766971.08        0.42860  (15122524)
       397438.26   3766971.08        0.47601  (15122524)              397478.26
3766971.08        0.49281  (15122524)
       397518.26   3766971.08        0.49195  (15122524)              397558.26
3766971.08        0.47826  (15122524)
       397598.26   3766971.08        0.44284  (15122524)              397638.26
3766971.08        0.39832  (15122524)
       397678.26   3766971.08        0.35046  (15122524)              397718.26
3766971.08        0.32196  (16020124)
       396558.26   3767011.08        0.17125  (11021824)              396598.26
3767011.08        0.19584  (11021824)
       396638.26   3767011.08        0.22894  (11021824)              396678.26
3767011.08        0.27308  (11021824)
       396718.26   3767011.08        0.31901  (11021824)              396758.26
3767011.08        0.36977  (11021824)
       396798.26   3767011.08        0.42538  (15010624)              396838.26
3767011.08        0.56429  (15010624)
       396878.26   3767011.08        0.75246  (15010624)              396918.26
3767011.08        0.92522  (15010624)
       396958.26   3767011.08        1.07870  (15122224)              396998.26
3767011.08        1.24926  (15122224)
       397038.26   3767011.08        1.38128  (16122024)              397078.26
3767011.08        1.77812  (16122024)
       397118.26   3767011.08        1.90000  (16122024)              397158.26
3767011.08        1.70442  (16122824)
       397198.26   3767011.08        1.40278  (16122824)              397238.26
3767011.08        0.92488  (16122924)
       397278.26   3767011.08        0.67319  (11011324)              397318.26
3767011.08        0.56835  (11011324)
       397358.26   3767011.08        0.54751  (15122524)              397398.26
3767011.08        0.60706  (15122524)
       397438.26   3767011.08        0.64193  (15122524)              397478.26
3767011.08        0.62710  (15122524)
       397518.26   3767011.08        0.58554  (15122524)              397558.26
3767011.08        0.53184  (15122524)
       397598.26   3767011.08        0.47001  (15122524)              397638.26
3767011.08        0.42190  (16020124)
       397678.26   3767011.08        0.38215  (16020124)              397718.26
3767011.08        0.35455  (15111624)
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       396558.26   3767051.08        0.15718  (11021824)                396598.26
 3767051.08        0.18280  (11021824)
       396638.26   3767051.08        0.21280  (11021824)                396678.26
 3767051.08        0.25106  (11021824)
       396718.26   3767051.08        0.29927  (11021824)                396758.26
 3767051.08        0.36700  (11021824)
       396798.26   3767051.08        0.43487  (11021824)                396838.26
 3767051.08        0.50466  (11021824)
       396878.26   3767051.08        0.65727  (15010624)                396918.26
 3767051.08        0.92094  (15010624)
       396958.26   3767051.08        1.15843  (15010624)                396998.26
 3767051.08        1.63714  (15122224)
       397038.26   3767051.08        2.40940  (16122024)                397078.26
 3767051.08        2.30256  (16122724)
       397118.26   3767051.08        2.41070  (16122824)                397158.26
 3767051.08        2.01236  (16122824)
       397198.26   3767051.08        1.36956  (16122924)                397238.26
 3767051.08        1.02990  (11011324)
       397278.26   3767051.08        1.09875  (15122524)                397318.26
 3767051.08        1.02357  (15111624)
       397358.26   3767051.08        0.80591  (15122524)                397398.26
 3767051.08        0.80239  (15122524)
       397438.26   3767051.08        0.78161  (15122524)                397478.26
 3767051.08        0.72573  (15122524)
       397518.26   3767051.08        0.64790  (15122524)                397558.26
 3767051.08        0.57411  (16020124)
       397598.26   3767051.08        0.53086  (15111624)                397638.26
 3767051.08        0.48478  (15111624)
       397678.26   3767051.08        0.44100  (15111624)                397718.26
 3767051.08        0.40155  (15111624)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  84
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3767091.08	0.15690	(11020924)	396598.26	3767091.08	0.17784	(11020924)
396638.26	3767091.08	0.20181	(12012324)	396678.26	3767091.08	0.23915	(12012324)
396718.26	3767091.08	0.28747	(12012324)	396758.26	3767091.08	0.34491	(12012324)
396798.26	3767091.08	0.41374	(12012324)	396838.26	3767091.08	0.51091	(12012324)
396878.26	3767091.08	0.62867	(12012324)	396918.26	3767091.08	0.77610	(12012324)
396958.26	3767091.08	1.21711	(15010624)	396998.26	3767091.08	2.52875	(10121724)
397078.26	3767091.08	2.20256	(16122024)	397118.26	3767091.08	2.24623	(16122824)
397158.26	3767091.08	1.94127	(16122824)	397198.26	3767091.08	1.35421	(16122824)
397238.26	3767091.08	1.42449	(11011324)	397278.26	3767091.08	1.67369	(15122524)
397318.26	3767091.08	1.84435	(15122524)	397358.26	3767091.08	1.11168	(15122524)
397398.26	3767091.08	0.98533	(15122524)	397438.26	3767091.08	0.87562	(15122524)
397478.26	3767091.08	0.81016	(15111624)	397518.26	3767091.08	0.74533	(15111624)
397558.26	3767091.08	0.67636	(15111624)	397598.26	3767091.08	0.60949	(15111624)
397638.26	3767091.08	0.54430	(15111624)	397678.26	3767091.08	0.48130	(15111624)
397718.26	3767091.08	0.42693	(15111624)	396558.26	3767131.08	0.16414	(11020924)
396598.26	3767131.08	0.18768	(11020924)	396638.26	3767131.08	0.21342	(11020924)
396678.26	3767131.08	0.23927	(11020924)	396718.26	3767131.08	0.27343	(11020924)
396758.26	3767131.08	0.31462	(11020924)	396798.26	3767131.08	0.38194	(12012324)
396838.26	3767131.08	0.47240	(12012324)	396878.26	3767131.08	0.59067	(12012324)
396918.26	3767131.08	0.75623	(12012324)	396958.26	3767131.08	1.15346	(12012324)
397238.26	3767131.08	1.87840	(15122524)	397278.26	3767131.08	2.23062	(15111624)

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       397318.26   3767131.08        2.38986  (15111624)               397358.26
 3767131.08        1.69436  (15111624)
       397398.26   3767131.08        1.20471  (15111624)               397438.26
 3767131.08        1.07082  (15111624)
       397478.26   3767131.08        0.94212  (15111624)               397518.26
 3767131.08        0.82794  (15111624)
       397558.26   3767131.08        0.72463  (15111624)               397598.26
 3767131.08        0.63420  (15111624)
       397638.26   3767131.08        0.55680  (15111624)               397678.26
 3767131.08        0.48255  (15111624)
       397718.26   3767131.08        0.41667  (15111624)               396558.26
 3767171.08        0.16012  (11020924)
       396598.26   3767171.08        0.18245  (11020924)               396638.26
 3767171.08        0.20968  (11020924)
       396678.26   3767171.08        0.23648  (11020924)               396718.26
 3767171.08        0.26711  (11020924)
       396758.26   3767171.08        0.30942  (11020924)               396798.26
 3767171.08        0.36547  (11020924)
       396838.26   3767171.08        0.43407  (11020924)               396878.26
 3767171.08        0.52239  (11020924)
       396918.26   3767171.08        0.62958  (11020924)               397438.26
 3767171.08        1.13352  (15111624)
       397478.26   3767171.08        0.95433  (15111624)               397518.26
 3767171.08        0.81437  (15111624)
       397558.26   3767171.08        0.69305  (15111624)               397598.26
 3767171.08        0.59108  (15111624)
       397638.26   3767171.08        0.50689  (15111624)               397678.26
 3767171.08        0.44152  (15111624)
       397718.26   3767171.08        0.38434  (15111624)               396558.26
 3767211.08        0.14374  (11020924)
       396598.26   3767211.08        0.16336  (11020924)               396638.26
 3767211.08        0.18525  (11020924)
       396678.26   3767211.08        0.21056  (11020924)               396718.26
 3767211.08        0.23156  (11020924)
       396758.26   3767211.08        0.26184  (11020924)               396798.26
 3767211.08        0.30457  (11020924)
       396838.26   3767211.08        0.36358  (11020924)               396878.26
 3767211.08        0.43388  (11020924)
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  85
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
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                EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        396918.26   3767211.08        0.53320  (12112924)               396958.26
 3767211.08        0.63691  (12112924)
        397438.26   3767211.08        0.91966  (15111624)               397478.26
 3767211.08        0.76443  (15111624)
        397518.26   3767211.08        0.65181  (15111624)               397558.26
 3767211.08        0.56749  (15111624)
        397598.26   3767211.08        0.49768  (15111624)               397638.26
 3767211.08        0.43041  (15111624)
        397678.26   3767211.08        0.37150  (15111624)               397718.26
 3767211.08        0.32810  (15111624)
        396558.26   3767251.08        0.13268  (12112924)               396598.26
 3767251.08        0.15281  (12112924)
        396638.26   3767251.08        0.17592  (12112924)               396678.26
 3767251.08        0.20298  (12112924)
        396718.26   3767251.08        0.22549  (12112924)               396758.26
 3767251.08        0.24737  (12112924)
        396798.26   3767251.08        0.28716  (12112924)               396838.26
 3767251.08        0.34230  (12112924)
        396878.26   3767251.08        0.42256  (12112924)               396918.26
 3767251.08        0.50807  (10100624)
        396958.26   3767251.08        0.60236  (10100624)               396998.26
 3767251.08        0.83920  (10100524)
        397038.26   3767251.08        0.74315  (10100524)               397078.26
 3767251.08        0.71022  (10100524)
        397118.26   3767251.08        1.49556  (16062124)               397318.26
 3767251.08        1.41428  (10030924)
        397358.26   3767251.08        0.99383  (10030924)               397398.26
 3767251.08        0.74982  (10030924)
        397438.26   3767251.08        0.59839  (16102824)               397478.26
 3767251.08        0.50606  (16102824)
        397518.26   3767251.08        0.43519  (15111624)               397558.26
 3767251.08        0.38810  (15111624)
        397598.26   3767251.08        0.34926  (15111624)               397638.26
 3767251.08        0.31551  (15111624)
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       397678.26   3767251.08        0.28452  (15111624)               397718.26
 3767251.08        0.25662  (15111624)
       396558.26   3767291.08        0.12656  (12112924)               396598.26
 3767291.08        0.14670  (12122524)
       396638.26   3767291.08        0.17018  (12122524)               396678.26
 3767291.08        0.19750  (12122524)
       396718.26   3767291.08        0.22757  (12122524)               396758.26
 3767291.08        0.23652  (12122524)
       396798.26   3767291.08        0.27889  (10100624)               396838.26
 3767291.08        0.33830  (10100624)
       396878.26   3767291.08        0.41601  (10100624)               396918.26
 3767291.08        0.48691  (10100624)
       396958.26   3767291.08        0.55247  (10100624)               396998.26
 3767291.08        0.66754  (10100624)
       397038.26   3767291.08        0.90354  (10100524)               397078.26
 3767291.08        1.16808b (12052424)
       397118.26   3767291.08        1.02778  (16062124)               397158.26
 3767291.08        1.59299  (11090924)
       397278.26   3767291.08        1.89187  (11072924)               397318.26
 3767291.08        1.65751  (11072924)
       397358.26   3767291.08        1.15771  (11072924)               397398.26
 3767291.08        0.91874  (10030924)
       397438.26   3767291.08        0.72083  (10030924)               397478.26
 3767291.08        0.57617  (10030924)
       397518.26   3767291.08        0.46632  (10030924)               397558.26
 3767291.08        0.38869  (10030924)
       397598.26   3767291.08        0.32758  (16102824)               397638.26
 3767291.08        0.28531  (16102824)
       397678.26   3767291.08        0.24970  (16102824)               397718.26
 3767291.08        0.21802  (16102824)
       396558.26   3767331.08        0.13172  (12122524)               396598.26
 3767331.08        0.14908  (12122524)
       396638.26   3767331.08        0.16814  (12122524)               396678.26
 3767331.08        0.19092  (12122524)
       396718.26   3767331.08        0.21315  (12122524)               396758.26
 3767331.08        0.23590  (10100624)
       396798.26   3767331.08        0.27379  (10100624)               396838.26
 3767331.08        0.32780  (10100524)
       396878.26   3767331.08        0.40483  (10100524)               396918.26
 3767331.08        0.45993  (10100524)
       396958.26   3767331.08        0.50683  (10100524)               396998.26
 3767331.08        0.55991  (10111924)
       397038.26   3767331.08        0.77692m (10102024)               397078.26
 3767331.08        1.03604m (10102024)
       397118.26   3767331.08        1.32915  (11090924)               397158.26
 3767331.08        1.61721m (10102124)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***

INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397198.26	3767331.08	1.62112	(11082624)	397238.26	3767331.08	1.77525	(11090224)
397278.26	3767331.08	1.69722	(11090224)	397318.26	3767331.08	1.22185	(11090224)
397358.26	3767331.08	1.12261	(11072924)	397398.26	3767331.08	0.94935	(11072924)
397438.26	3767331.08	0.76892	(10030924)	397478.26	3767331.08	0.63303	(10030924)
397518.26	3767331.08	0.52686	(10030924)	397558.26	3767331.08	0.43733	(10030924)
397598.26	3767331.08	0.36906	(10030924)	397638.26	3767331.08	0.31256	(10030924)
397678.26	3767331.08	0.26596	(10030924)	397718.26	3767331.08	0.22675	(10030924)
396558.26	3767371.08	0.12517	(12122524)	396598.26	3767371.08	0.13788	(12122524)
396638.26	3767371.08	0.15510	(10100524)	396678.26	3767371.08	0.18729	(10100524)
396718.26	3767371.08	0.22610	(10100524)	396758.26	3767371.08	0.26240	(10100524)
396798.26	3767371.08	0.29814	(10100524)	396838.26	3767371.08	0.33956	(10100524)
396878.26	3767371.08	0.39111	(10100524)	396918.26	3767371.08	0.41690	(10100524)
396958.26	3767371.08	0.43259	(10111924)	396998.26	3767371.08	0.56684m	(10102024)

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       397038.26   3767371.08        0.77721m (10102024)              397078.26
3767371.08        0.95786m (10102024)
       397118.26   3767371.08        1.05468m (10102024)              397158.26
3767371.08        1.19545m (10102124)
       397198.26   3767371.08        1.18018m (10102124)              397238.26
3767371.08        1.15626  (12102224)
       397278.26   3767371.08        1.15399  (12102224)              397318.26
3767371.08        1.07775  (11090224)
       397358.26   3767371.08        0.93794  (11090224)              397398.26
3767371.08        0.88757  (11042024)
       397438.26   3767371.08        0.77161  (11042024)              397478.26
3767371.08        0.64355  (11042024)
       397518.26   3767371.08        0.53724  (10030924)              397558.26
3767371.08        0.46075  (10030924)
       397598.26   3767371.08        0.38816  (10030924)              397638.26
3767371.08        0.33212  (10030924)
       397678.26   3767371.08        0.28411  (10030924)              397718.26
3767371.08        0.24323  (10030924)
       396558.26   3767411.08        0.11574  (10100524)              396598.26
3767411.08        0.13928  (10100524)
       396638.26   3767411.08        0.16820  (10100524)              396678.26
3767411.08        0.20210  (10100524)
       396718.26   3767411.08        0.23958  (10100524)              396758.26
3767411.08        0.27416  (10100524)
       396798.26   3767411.08        0.30056  (10100524)              396838.26
3767411.08        0.32719  (10100524)
       396878.26   3767411.08        0.35272  (10100524)              396918.26
3767411.08        0.35732  (10100524)
       396958.26   3767411.08        0.43425m (10102024)              396998.26
3767411.08        0.58703m (10102024)
       397038.26   3767411.08        0.73646m (10102024)              397078.26
3767411.08        0.84192m (10102024)
       397118.26   3767411.08        0.89074b (12052424)              397158.26
3767411.08        0.93036m (10102124)
       397198.26   3767411.08        1.02419  (16051624)              397238.26
3767411.08        1.04445  (16051624)
       397278.26   3767411.08        0.97284  (12102224)              397318.26
3767411.08        0.93600  (12102224)
       397358.26   3767411.08        0.82993  (11090224)              397398.26
3767411.08        0.72939  (11090224)
       397438.26   3767411.08        0.70261  (11042024)              397478.26
3767411.08        0.63630  (11042024)
       397518.26   3767411.08        0.55396  (11042024)              397558.26
3767411.08        0.47028  (11042024)
       397598.26   3767411.08        0.39264  (11042024)              397638.26
3767411.08        0.33485  (10030924)
       397678.26   3767411.08        0.29099  (10030924)              397718.26
3767411.08        0.25089  (10030924)
       396558.26   3767451.08        0.12389  (10100524)              396598.26
3767451.08        0.14851  (10100524)
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396798.26	3767451.08	0.28189	(10100524)	396838.26	3767451.08	0.29892	(10100524)
396878.26	3767451.08	0.30543	(10100524)	396918.26	3767451.08	0.35699	(11032824)
396958.26	3767451.08	0.45200m	(10102024)	396998.26	3767451.08	0.55867m	(10102024)
397038.26	3767451.08	0.64684m	(10102024)	397078.26	3767451.08	0.69445m	(10102024)
397118.26	3767451.08	0.79765b	(12052424)	397158.26	3767451.08	0.81300b	(12052424)
397198.26	3767451.08	0.87291	(16051624)	397238.26	3767451.08	0.93219	(16051624)
397278.26	3767451.08	0.85763	(16051624)	397318.26	3767451.08	0.81345	(12102224)
397358.26	3767451.08	0.75525	(12102224)	397398.26	3767451.08	0.65661	(12102224)
397438.26	3767451.08	0.58792	(16061324)	397478.26	3767451.08	0.55948	(11042024)

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       397518.26   3767451.08        0.52605  (11042024)              397558.26
3767451.08        0.47032  (11042024)
       397598.26   3767451.08        0.40829  (11042024)              397638.26
3767451.08        0.34830  (11042024)
       397678.26   3767451.08        0.29278  (11042024)              397718.26
3767451.08        0.24969  (10030924)
       396558.26   3767491.08        0.13064  (10100524)              396598.26
3767491.08        0.15351  (10100524)
       396638.26   3767491.08        0.17753  (10100524)              396678.26
3767491.08        0.20155  (10100524)
       396718.26   3767491.08        0.22448  (10100524)              396758.26
3767491.08        0.24496  (10100524)
       396798.26   3767491.08        0.25200  (10100524)              396838.26
3767491.08        0.25836  (10100524)
       396878.26   3767491.08        0.30267  (11032824)              396918.26
3767491.08        0.36408m (10102024)
       396958.26   3767491.08        0.44645m (10102024)              396998.26
3767491.08        0.51443m (10102024)
       397038.26   3767491.08        0.55826m (10102024)              397078.26
3767491.08        0.60830b (12052424)
       397118.26   3767491.08        0.70992b (12052424)              397158.26
3767491.08        0.72846b (12052424)
       397198.26   3767491.08        0.73824  (16051624)              397238.26
3767491.08        0.81415  (16051624)
       397278.26   3767491.08        0.78854  (16051624)              397318.26
3767491.08        0.67889  (12102224)
       397358.26   3767491.08        0.67627  (12102224)              397398.26
3767491.08        0.62039  (12102224)
       397438.26   3767491.08        0.53973  (12102224)              397478.26
3767491.08        0.48343  (16061324)
       397518.26   3767491.08        0.45836  (11042024)              397558.26
3767491.08        0.42716  (11042024)
       397598.26   3767491.08        0.39381  (11042024)              397638.26
3767491.08        0.34931  (11042024)
       397678.26   3767491.08        0.30350  (11042024)              397718.26
3767491.08        0.25958  (11042024)
       396558.26   3767531.08        0.13249  (10100524)              396598.26
3767531.08        0.15108  (10100524)
       396638.26   3767531.08        0.16886  (10100524)              396678.26
3767531.08        0.18589  (10100524)
       396718.26   3767531.08        0.20206  (10100524)              396758.26
3767531.08        0.21606  (10100524)
       396798.26   3767531.08        0.21734  (10100524)              396838.26
3767531.08        0.25455  (11032824)
       396878.26   3767531.08        0.29757m (10102024)              396918.26
3767531.08        0.36235m (10102024)
       396958.26   3767531.08        0.42055m (10102024)              396998.26
3767531.08        0.46162m (10102024)
       397038.26   3767531.08        0.48017  (10061124)              397078.26
3767531.08        0.56040b (12052424)
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       397118.26   3767531.08        0.64320b (12052424)                397158.26
 3767531.08        0.65763b (12052424)
       397198.26   3767531.08        0.62432  (16051624)                397238.26
 3767531.08        0.70677  (16051624)
       397278.26   3767531.08        0.71200  (16051624)                397318.26
 3767531.08        0.63746  (16051624)
       397358.26   3767531.08        0.58189  (12102224)                397398.26
 3767531.08        0.56594  (12102224)
       397438.26   3767531.08        0.51789  (12102224)                397478.26
 3767531.08        0.45249  (12102224)
       397518.26   3767531.08        0.39814  (16061324)                397558.26
 3767531.08        0.37287  (11042024)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  88
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                 INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       397598.26   3767531.08        0.35290  (11042024)                397638.26
 3767531.08        0.32651  (11042024)
       397678.26   3767531.08        0.29587  (11042024)                397718.26
 3767531.08        0.26195  (11042024)
       397320.82   3767219.11        2.31337  (15111624)                397330.82
 3767209.11        2.90462  (15111624)
       397340.82   3767189.11        3.51327  (15111624)                397340.82
 3767199.11        3.24090  (15111624)
       397340.82   3767209.11        2.78226  (15111624)                397350.82
 3767189.11        3.46713  (15111624)
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       397350.82   3767199.11        3.08585  (15111624)               397360.82
 3767189.11        2.98510  (15111624)
       397360.82   3767199.11        2.70525  (15111624)               397370.82
 3767189.11        2.04859  (15111624)
       397380.82   3767189.11        1.46804  (15111624)               396934.73
 3767169.52        0.69843  (12012324)
       397014.53   3767229.60        1.18027  (10100524)               397044.10
 3767223.97        1.10188  (10100524)
       397113.57   3767239.93        1.60340  (16062124)               397158.63
 3767280.29        1.87756  (11090924)
       397168.95   3767307.05        1.25981  (11090924)               397244.05
 3767296.72        1.51919  (11090224)
       397260.95   3767278.88        1.57913  (11090224)               397409.74
 3767205.66        1.11428  (15111624)
       397422.89   3767189.23        1.15447  (15111624)               397426.64
 3767180.78        1.16908  (15111624)
       397420.54   3767170.46        1.22442  (15111624)               397318.68
 3767160.13        2.62445  (15111624)
       397022.98   3767083.62        2.40734  (15122224)               396920.42
 3767167.32        0.65345  (12012324)
       396989.95   3767243.54        0.79073  (10100524)               397044.10
 3767223.97        1.10188  (10100524)
       397113.57   3767239.93        1.60340  (16062124)               397158.63
 3767280.29        1.87756  (11090924)
       397168.95   3767307.05        1.25981  (11090924)               397244.05
 3767296.72        1.51919  (11090224)
       397260.95   3767278.88        1.57913  (11090224)               397409.74
 3767205.66        1.11428  (15111624)
       397422.89   3767189.23        1.15447  (15111624)               397426.64
 3767180.78        1.16908  (15111624)
       397420.54   3767170.46        1.22442  (15111624)               397318.68
 3767160.13        2.62445  (15111624)
       397022.98   3767083.62        2.40734  (15122224)

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE  89
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3766771.08	3.46536m	(15020724)	396598.26	3766771.08	3.77675m	(15020724)
396638.26	3766771.08	4.15525m	(15020724)	396678.26	3766771.08	4.53003m	(15020724)
396718.26	3766771.08	4.92548m	(15020724)	396758.26	3766771.08	5.32996m	(15020724)
396798.26	3766771.08	5.72973m	(15020724)	396838.26	3766771.08	6.17196m	(15020724)
396878.26	3766771.08	6.61525m	(15020724)	396918.26	3766771.08	7.05120m	(15020724)
396958.26	3766771.08	7.45202m	(15020724)	396998.26	3766771.08	7.78616m	(15020724)
397038.26	3766771.08	8.03804m	(15020724)	397078.26	3766771.08	8.19086m	(15020724)
397118.26	3766771.08	8.22488m	(15020724)	397158.26	3766771.08	8.13664m	(15020724)
397198.26	3766771.08	7.97562m	(15020724)	397238.26	3766771.08	7.74307m	(15020724)
397278.26	3766771.08	7.44466m	(15020724)	397318.26	3766771.08	7.09358m	(15020724)
397358.26	3766771.08	6.70256m	(15020724)	397398.26	3766771.08	6.29558m	(15020724)
397438.26	3766771.08	5.87900m	(15020724)	397478.26	3766771.08	5.46979m	(15020724)
397518.26	3766771.08	5.07524m	(15020724)	397558.26	3766771.08	4.70075m	(15020724)
397598.26	3766771.08	4.35072m	(15020724)	397638.26	3766771.08	4.02678m	(15020724)
397678.26	3766771.08	3.72870m	(15020724)	397718.26	3766771.08	3.45498m	(15020724)
396558.26	3766811.08	3.66939m	(15020724)	396598.26	3766811.08	4.00414m	(15020724)
396638.26	3766811.08	4.44414m	(15020724)	396678.26	3766811.08	4.90046m	(15020724)
396718.26	3766811.08	5.36072m	(15020724)	396758.26	3766811.08	5.83074m	(15020724)
396798.26	3766811.08	6.36814m	(15020724)	396838.26			

3766811.08 6.93935m (15020724)
396878.26 3766811.08 7.52307m (15020724) 396918.26
3766811.08 8.10740m (15020724)
396958.26 3766811.08 8.65442m (15020724) 396998.26
3766811.08 9.11961m (15020724)
397038.26 3766811.08 9.46823m (15020724) 397078.26
3766811.08 9.67785m (15020724)
397118.26 3766811.08 9.75788m (15020724) 397158.26
3766811.08 9.67156m (15020724)
397198.26 3766811.08 9.42064m (15020724) 397238.26
3766811.08 9.05421m (15020724)
397278.26 3766811.08 8.61818m (15020724) 397318.26
3766811.08 8.13958m (15020724)
397358.26 3766811.08 7.62649m (15020724) 397398.26
3766811.08 7.09502m (15020724)
397438.26 3766811.08 6.56340m (15020724) 397478.26
3766811.08 6.05053m (15020724)
397518.26 3766811.08 5.56361m (15020724) 397558.26
3766811.08 5.11019m (15020724)
397598.26 3766811.08 4.69354m (15020724) 397638.26
3766811.08 4.31387m (15020724)
397678.26 3766811.08 3.96983m (15020724) 397718.26
3766811.08 3.65884m (15020724)
396558.26 3766851.08 3.88963m (15020724) 396598.26
3766851.08 4.25138m (15020724)
396638.26 3766851.08 4.70258m (15020724) 396678.26
3766851.08 5.23863m (15020724)
396718.26 3766851.08 5.80266m (15020724) 396758.26
3766851.08 6.40983m (15020724)
396798.26 3766851.08 7.09400m (15020724) 396838.26
3766851.08 7.84011m (15020724)
396878.26 3766851.08 8.63554m (15020724) 396918.26
3766851.08 9.41819m (15020724)
396958.26 3766851.08 10.17770m (15020724) 396998.26
3766851.08 10.84075m (15020724)
397038.26 3766851.08 11.33596m (15020724) 397078.26
3766851.08 11.65724m (15020724)
397118.26 3766851.08 11.77303m (15020724) 397158.26
3766851.08 11.64889m (15020724)
397198.26 3766851.08 11.30233m (15020724) 397238.26
3766851.08 10.80458m (15020724)
397278.26 3766851.08 10.17473m (15020724) 397318.26
3766851.08 9.45458m (15020724)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397358.26	3766851.08	8.74891m	(15020724)	397398.26	3766851.08	8.04500m	(15020724)
397438.26	3766851.08	7.36093m	(15020724)	397478.26	3766851.08	6.71103m	(15020724)
397518.26	3766851.08	6.10781m	(15020724)	397558.26	3766851.08	5.55745m	(15020724)
397598.26	3766851.08	5.06106m	(15020724)	397638.26	3766851.08	4.61652m	(15020724)
397678.26	3766851.08	4.21980m	(15020724)	397718.26	3766851.08	3.86641m	(15020724)
396558.26	3766891.08	4.10702m	(15020724)	396598.26	3766891.08	4.51214m	(15020724)
396638.26	3766891.08	5.01941m	(15020724)	396678.26	3766891.08	5.63974m	(15020724)
396718.26	3766891.08	6.30917m	(15020724)	396758.26	3766891.08	7.06967m	(15020724)
396798.26	3766891.08	7.93533m	(15020724)	396838.26	3766891.08	8.90528m	(15020724)
396878.26	3766891.08	9.98442m	(15020724)	396918.26	3766891.08	11.06321m	(15020724)
396958.26	3766891.08	12.15493m	(15020724)	396998.26	3766891.08	13.12418m	(15020724)
397038.26	3766891.08	13.87030m	(15020724)	397078.26	3766891.08	14.39509m	(15020724)
397118.26	3766891.08	14.52796m	(15020724)	397158.26	3766891.08	14.26799m	(15020724)
397198.26	3766891.08	13.80848m	(15020724)	397238.26	3766891.08	13.06713m	(15020724)

397278.26 3766891.08 12.18188m (15020724) 397318.26 3766891.08 11.20911m (15020724)
397358.26 3766891.08 10.17918m (15020724) 397398.26 3766891.08 9.18814m (15020724)
397438.26 3766891.08 8.28633m (15020724) 397478.26 3766891.08 7.45843m (15020724)
397518.26 3766891.08 6.71123m (15020724) 397558.26 3766891.08 6.04161m (15020724)
397598.26 3766891.08 5.45066m (15020724) 397638.26 3766891.08 4.93126m (15020724)
397678.26 3766891.08 4.47543m (15020724) 397718.26 3766891.08 4.07594m (15020724)
396558.26 3766931.08 4.32985m (15020724) 396598.26 3766931.08 4.79048m (15020724)
396638.26 3766931.08 5.37796m (15020724) 396678.26 3766931.08 6.04554m (15020724)
396718.26 3766931.08 6.86269m (15020724) 396758.26 3766931.08 7.80269m (15020724)
396798.26 3766931.08 8.90451m (15020724) 396838.26 3766931.08 10.17512m (15020724)
396878.26 3766931.08 11.61830m (15020724) 396918.26 3766931.08 13.19880m (15020724)
396958.26 3766931.08 14.81213m (15020724) 396998.26 3766931.08 16.31641m (15020724)
397038.26 3766931.08 17.54434m (15020724) 397078.26 3766931.08 18.29209m (15020724)
397118.26 3766931.08 18.46000m (15020724) 397158.26 3766931.08 18.05591m (15020724)
397198.26 3766931.08 17.25381m (15020724) 397238.26 3766931.08 16.13139m (15020724)
397278.26 3766931.08 14.79296m (15020724) 397318.26 3766931.08 13.39876m (15020724)
397358.26 3766931.08 12.02874m (15020724) 397398.26 3766931.08 10.65079m (15020724)
397438.26 3766931.08 9.39233m (15020724) 397478.26 3766931.08 8.31058m (15020724)
397518.26 3766931.08 7.37817m (15020724) 397558.26 3766931.08 6.55961m (15020724)
397598.26 3766931.08 5.85647m (15020724) 397638.26 3766931.08 5.25212m (15020724)
397678.26 3766931.08 4.73133m (15020724) 397718.26 3766931.08 4.28434m (15020724)
396558.26 3766971.08 4.54132m (15020724) 396598.26 3766971.08 5.05989m (15020724)
396638.26 3766971.08 5.70245m (15020724) 396678.26 3766971.08 6.47090m (15020724)
396718.26 3766971.08 7.42014m (15020724) 396758.26 3766971.08 8.57544m (15020724)
396798.26 3766971.08 9.97855m (15020724) 396838.26 3766971.08 11.69210m (15020724)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396958.26	3766971.08	18.56282m	(15020724)	396998.26	3766971.08	21.10045m	(15020724)
397038.26	3766971.08	23.11688m	(15020724)	397078.26	3766971.08	24.19653m	(15020724)
397118.26	3766971.08	24.30121m	(15020724)	397158.26	3766971.08	23.52038m	(15020724)
397198.26	3766971.08	22.13246m	(15020724)	397238.26	3766971.08	20.35268m	(15020724)
397278.26	3766971.08	18.33869m	(15020724)	397318.26	3766971.08	16.28444m	(15020724)
397358.26	3766971.08	13.57532m	(15020724)	397398.26	3766971.08	12.11856m	(15020724)
397438.26	3766971.08	10.71764m	(15020724)	397478.26	3766971.08	9.28414m	(15020724)
397518.26	3766971.08	8.09625m	(15020724)	397558.26	3766971.08	7.10085m	(15020724)
397598.26	3766971.08	6.26955m	(15020724)	397638.26	3766971.08	5.57034m	(15020724)
397678.26	3766971.08	4.97904m	(15020724)	397718.26			

3766971.08 4.48309m (15020724)
396558.26 3767011.08 4.73814m (15020724) 396598.26
3767011.08 5.29933m (15020724)
396638.26 3767011.08 6.01350m (15020724) 396678.26
3767011.08 6.89584m (15020724)
396718.26 3767011.08 7.98596m (15020724) 396758.26
3767011.08 9.37478m (15020724)
396798.26 3767011.08 11.14400m (15020724) 396838.26
3767011.08 13.42848m (15020724)
396878.26 3767011.08 16.32102m (15020724) 396918.26
3767011.08 19.94870m (15020724)
396958.26 3767011.08 24.15630m (15020724) 396998.26
3767011.08 28.77226m (15020724)
397038.26 3767011.08 32.34779m (15020724) 397078.26
3767011.08 33.95553m (15020724)
397118.26 3767011.08 33.66957m (15020724) 397158.26
3767011.08 31.96940m (15020724)
397198.26 3767011.08 29.47535m (15020724) 397238.26
3767011.08 26.50895m (15020724)
397278.26 3767011.08 23.35217m (15020724) 397318.26
3767011.08 20.16434m (15020724)
397358.26 3767011.08 16.02146m (15020724) 397398.26
3767011.08 13.11934m (15020724)
397438.26 3767011.08 12.08382m (15020724) 397478.26
3767011.08 10.33897m (15020724)
397518.26 3767011.08 8.84608m (15020724) 397558.26
3767011.08 7.64889m (15020724)
397598.26 3767011.08 6.67476m (15020724) 397638.26
3767011.08 5.87665m (15020724)
397678.26 3767011.08 5.21380m (15020724) 397718.26
3767011.08 4.66693m (15020724)
396558.26 3767051.08 4.90623m (15020724) 396598.26
3767051.08 5.52827m (15020724)
396638.26 3767051.08 6.28607m (15020724) 396678.26
3767051.08 7.27453m (15020724)
396718.26 3767051.08 8.52643m (15020724) 396758.26
3767051.08 10.15272m (15020724)
396798.26 3767051.08 12.33942m (15020724) 396838.26
3767051.08 15.32980m (15020724)
396878.26 3767051.08 19.54567m (15020724) 396918.26
3767051.08 25.52575m (15020724)
396958.26 3767051.08 33.52492m (15020724) 396998.26
3767051.08 43.18257m (15020724)
397038.26 3767051.08 50.81629m (15020724) 397078.26
3767051.08 52.56743m (15020724)
397118.26 3767051.08 50.40448m (15020724) 397158.26
3767051.08 46.29742m (15020724)
397198.26 3767051.08 41.42173m (15020724) 397238.26
3767051.08 36.18056m (15020724)
397278.26 3767051.08 30.93794m (15020724) 397318.26

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3767091.08	5.05030m	(15020724)	396598.26	3767091.08	5.72945m	(15020724)
396638.26	3767091.08	6.52875m	(15020724)	396678.26	3767091.08	7.56584m	(15020724)
396718.26	3767091.08	8.96402m	(15020724)	396758.26	3767091.08	10.83015m	(15020724)
396798.26	3767091.08	13.41815m	(15020724)	396838.26	3767091.08	17.22225m	(15020724)
396878.26	3767091.08	23.12690m	(15020724)	396918.26	3767091.08	32.97240m	(15020724)

396958.26 3767091.08 49.94884m (15020724) 396998.26
3767091.08 82.34583m (15020724)
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3767091.08 87.03235m (15020724)
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397318.26 3767091.08 34.44299m (15020724) 397358.26
3767091.08 25.60938m (15020724)
397398.26 3767091.08 19.21977 (15121424) 397438.26
3767091.08 16.42560 (15121424)
397478.26 3767091.08 14.22977 (15111624) 397518.26
3767091.08 11.98057 (15111624)
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3767091.08 8.06000 (15111624)
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396678.26 3767131.08 7.78431m (15020724) 396718.26
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396758.26 3767131.08 11.28533m (15020724) 396798.26
3767131.08 14.20898m (15020724)
396838.26 3767131.08 18.69624m (15020724) 396878.26
3767131.08 26.46660m (15020724)
396918.26 3767131.08 42.31425m (15020724) 396958.26
3767131.08 86.29890m (15020724)
397238.26 3767131.08 94.68672m (15020724) 397278.26
3767131.08 73.60712m (15020724)
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3767131.08 19.71140 (15111624)
397478.26 3767131.08 17.26921 (15111624) 397518.26
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396758.26 3767171.08 11.43079m (15020724) 396798.26
3767171.08 14.51118m (15020724)

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       396918.26   3767171.08       48.48433m (15020724)                397438.26
 3767171.08       21.75044  (15111624)
       397478.26   3767171.08       17.32348  (15111624)                397518.26
 3767171.08       13.30708  (15111624)
       397558.26   3767171.08       10.54969  (15111624)                397598.26
 3767171.08        8.34243  (15111624)
       397638.26   3767171.08        6.60838m (15020724)                397678.26
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       397718.26   3767171.08        5.07205m (15020724)                396558.26
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       396598.26   3767211.08        5.93003m (15020724)                396638.26
 3767211.08        6.82019m (15020724)
       396678.26   3767211.08        7.95606m (15020724)                396718.26
 3767211.08        9.34299m (15020724)
       396758.26   3767211.08       11.29103m (15020724)                396798.26
 3767211.08       14.19516m (15020724)
       396838.26   3767211.08       18.73755m (15020724)                396878.26
 3767211.08       26.24012m (15020724)
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE  93
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396918.26   3767211.08       40.64778m (15020724)                396958.26
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       397438.26   3767211.08       21.82362  (15111624)                397478.26
3767211.08       17.62984  (15111624)
       397518.26   3767211.08       13.66892  (15111624)                397558.26
3767211.08       10.43626  (15111624)
       397598.26   3767211.08        8.18899  (15111624)                397638.26
3767211.08        6.92769  (15111624)
       397678.26   3767211.08        6.06470  (15111624)                397718.26
3767211.08        5.17724  (15111624)
       396558.26   3767251.08        5.16465m (15020724)                396598.26
3767251.08        5.86282m (15020724)
       396638.26   3767251.08        6.72869m (15020724)                396678.26
3767251.08        7.82340m (15020724)
       396718.26   3767251.08        9.18717m (15020724)                396758.26
3767251.08       10.91674m (15020724)
       396798.26   3767251.08       13.46036m (15020724)                396838.26
3767251.08       17.22450m (15020724)
       396878.26   3767251.08       23.09021m (15020724)                396918.26
3767251.08       30.53427  (10111924)
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       397038.26   3767251.08       71.61752  (16121124)                397078.26
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       397118.26   3767251.08      147.09360  (16121124)                397318.26
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       397358.26   3767251.08       36.85417  (11072924)                397398.26
3767251.08       25.67018  (11072924)
       397438.26   3767251.08       19.67995  (11072924)                397478.26
3767251.08       16.26473  (11072924)
       397518.26   3767251.08       12.98608  (11072924)                397558.26
3767251.08       10.55819  (15111624)
       397598.26   3767251.08        8.92042  (15111624)                397638.26
3767251.08        7.09919  (15111624)
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3767251.08        5.15387  (15111624)
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3767291.08        6.16864b (11111524)
       396638.26   3767291.08        6.70002b (11111524)                396678.26
3767291.08        7.49545m (15020724)
       396718.26   3767291.08        8.84113m (15020724)                396758.26
3767291.08       10.36200m (15020724)
       396798.26   3767291.08       12.49717m (15020724)                396838.26
3767291.08       15.50925m (15020724)
       396878.26   3767291.08       19.22622m (15020724)                396918.26
3767291.08       27.77741  (10111924)
       396958.26   3767291.08       34.18438  (10111924)                396998.26
3767291.08       36.96404  (10111924)
       397038.26   3767291.08       36.24406  (10100424)                397078.26
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       397118.26   3767291.08       64.91138  (16121124)                397158.26
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       397358.26   3767291.08       31.72308  (12050324)                397398.26
 3767291.08       23.37602  (11072924)
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       397518.26   3767291.08       14.46574  (11072924)                397558.26
 3767291.08       11.91286  (11072924)
       397598.26   3767291.08       10.23631  (11072924)                397638.26
 3767291.08        8.86732  (11072924)
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 3767331.08        7.39428b (11111524)
       396638.26   3767331.08        8.22931b (11111524)                396678.26
 3767331.08        8.03881  (10111924)
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       396798.26   3767331.08       11.43025m (15020724)                396838.26
 3767331.08       13.78426m (15020724)
       396878.26   3767331.08       16.67271  (10111924)                396918.26
 3767331.08       23.54996  (10111924)
       396958.26   3767331.08       27.55620  (10111924)                396998.26
 3767331.08       30.35576m (10121424)
       397038.26   3767331.08       30.25572  (10100424)                397078.26
 3767331.08       33.63351  (10100424)
       397118.26   3767331.08       39.46702  (10100424)                397158.26
 3767331.08       51.79379  (16121124)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE  94
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397198.26	3767331.08	57.47253m	(12120224)	397238.26	3767331.08	52.90263m	(12120224)
397278.26	3767331.08	46.00818m	(12050124)	397318.26	3767331.08	37.32962	(16061324)
397358.26	3767331.08	28.82326c	(16072624)	397398.26	3767331.08	22.42714c	(16072624)
397438.26	3767331.08	18.26145	(11072924)	397478.26	3767331.08	16.27061	(11072924)
397518.26	3767331.08	14.19875	(11072924)	397558.26	3767331.08	12.33196	(11072924)
397598.26	3767331.08	10.72767	(11072924)	397638.26	3767331.08	9.81033	(11072924)
397678.26	3767331.08	8.60593	(11072924)	397718.26	3767331.08	6.50567	(11072924)
396558.26	3767371.08	6.54668b	(11111524)	396598.26	3767371.08	7.26460b	(11111524)
396638.26	3767371.08	7.76293b	(11111524)	396678.26	3767371.08	7.44039	(10111924)
396718.26	3767371.08	7.75585m	(15020724)	396758.26	3767371.08	8.95097m	(15020724)
396798.26	3767371.08	10.36264m	(15020724)	396838.26	3767371.08	12.16198m	(15020724)
396878.26	3767371.08	14.26801	(16121124)	396918.26	3767371.08	19.26217	(10111924)
396958.26	3767371.08	23.08253m	(10121424)	396998.26	3767371.08	26.42839m	(10121424)
397038.26	3767371.08	26.03508m	(10121424)	397078.26	3767371.08	26.67299	(10100424)
397118.26	3767371.08	30.03010	(10100424)	397158.26	3767371.08	33.84918m	(10102124)
397198.26	3767371.08	37.99116m	(10102124)	397238.26	3767371.08	38.33358	(10100324)
397278.26	3767371.08	33.25290	(10100324)	397318.26	3767371.08	30.01036	(16061324)
397358.26	3767371.08	26.08966	(15071724)	397398.26	3767371.08	21.66123c	(16072624)
397438.26	3767371.08	18.91249c	(16072624)	397478.26	3767371.08	16.04090c	(16072624)
397518.26	3767371.08	13.66051	(11072924)	397558.26	3767371.08	12.42445	(11072924)
397598.26	3767371.08	11.22412	(11072924)	397638.26	3767371.08	10.01034	(11072924)

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 3767371.08        8.21515  (11072924)
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 3767411.08        6.93343b (11111524)
       396638.26   3767411.08        7.06309  (10111924)               396678.26
 3767411.08        6.25738  (10111924)
       396718.26   3767411.08        7.20060m (15020724)               396758.26
 3767411.08        8.19720m (15020724)
       396798.26   3767411.08        9.34058m (15020724)               396838.26
 3767411.08       10.73962m (15020724)
       396878.26   3767411.08       12.45416  (16121124)               396918.26
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       396958.26   3767411.08       20.52300m (10121424)               396998.26
 3767411.08       22.07723m (10121424)
       397038.26   3767411.08       21.33259m (10121424)               397078.26
 3767411.08       21.77307m (10121424)
       397118.26   3767411.08       23.35260m (10102124)               397158.26
 3767411.08       27.49970m (10102124)
       397198.26   3767411.08       30.50073m (10102124)               397238.26
 3767411.08       30.58782  (10100324)
       397278.26   3767411.08       29.02433  (10100324)               397318.26
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       397358.26   3767411.08       23.31257m (12081424)               397398.26
 3767411.08       20.30419  (15071724)
       397438.26   3767411.08       18.02944  (15071724)               397478.26
 3767411.08       16.22846c (16072624)
       397518.26   3767411.08       14.23141c (16072624)               397558.26
 3767411.08       12.26084c (16072624)
       397598.26   3767411.08       10.92013  (11072924)               397638.26
 3767411.08       10.06909  (11072924)
       397678.26   3767411.08        9.13772  (11072924)               397718.26
 3767411.08        8.66488  (11072924)
       396558.26   3767451.08        6.24584b (11111524)               396598.26
 3767451.08        6.99505  (10111924)
       396638.26   3767451.08        6.86989  (10111924)               396678.26
 3767451.08        6.44393  (10111924)
       396718.26   3767451.08        6.48614  (10111924)               396758.26
 3767451.08        7.47595m (15020724)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  95
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
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                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 3767451.08         9.49699m (15020724)
        396878.26   3767451.08       10.92566  (16121124)               396918.26
 3767451.08        14.00102m (10121424)
        396958.26   3767451.08       18.26672m (10121424)               396998.26
 3767451.08        20.01340m (10121424)
        397038.26   3767451.08       19.76504m (10121424)               397078.26
 3767451.08        19.26859m (10121424)
        397118.26   3767451.08       20.12403m (10102124)               397158.26
 3767451.08        23.19661m (10102124)
        397198.26   3767451.08       25.37234m (10102124)               397238.26
 3767451.08        24.87459  (10100324)
        397278.26   3767451.08       25.13187  (10100324)               397318.26
 3767451.08        22.29151  (10100324)
        397358.26   3767451.08       20.04798m (12081424)               397398.26
 3767451.08        18.31915m (12081424)
        397438.26   3767451.08       17.05636  (15071724)               397478.26
 3767451.08        15.51145  (15071724)
        397518.26   3767451.08       14.16112c (16072624)               397558.26
 3767451.08        12.80293c (16072624)
        397598.26   3767451.08       11.38818c (16072624)               397638.26
 3767451.08         9.87868c (16072624)
        397678.26   3767451.08        8.96091  (11072924)               397718.26
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 3767491.08         7.06356  (10111924)
        396638.26   3767491.08        7.77194  (10111924)               396678.26
 3767491.08         8.49168  (10111924)
        396718.26   3767491.08        8.19302  (10111924)               396758.26
 3767491.08         6.79765m (15020724)
        396798.26   3767491.08        7.54380m (15020724)               396838.26
 3767491.08         8.45310  (16121124)
        396878.26   3767491.08        9.61602  (16121124)               396918.26
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 3767491.08       12.17909m (10121424)
       396958.26   3767491.08       15.86072m (10121424)                396998.26
 3767491.08       18.05420m (10121424)
       397038.26   3767491.08       17.87647m (10121424)                397078.26
 3767491.08       16.95814m (10121424)
       397118.26   3767491.08       17.75270m (10102124)                397158.26
 3767491.08       20.06197m (10102124)
       397198.26   3767491.08       21.75101m (10102124)                397238.26
 3767491.08       21.47473m (10102124)
       397278.26   3767491.08       21.57855  (10100324)                397318.26
 3767491.08       20.50266  (10100324)
       397358.26   3767491.08       17.65001  (10100324)                397398.26
 3767491.08       16.69363m (12081424)
       397438.26   3767491.08       15.68194m (12081424)                397478.26
 3767491.08       14.66691  (15071724)
       397518.26   3767491.08       13.52433  (15071724)                397558.26
 3767491.08       12.51883c (16072624)
       397598.26   3767491.08       11.67275c (16072624)                397638.26
 3767491.08       10.48492c (16072624)
       397678.26   3767491.08        9.25487c (16072624)                397718.26
 3767491.08        8.17045c (16072624)
       396558.26   3767531.08        6.64611  (10111924)                396598.26
 3767531.08        7.38779  (10111924)
       396638.26   3767531.08        8.23679  (10111924)                396678.26
 3767531.08        8.97790  (10111924)
       396718.26   3767531.08        8.51335  (10111924)                396758.26
 3767531.08        6.18662m (15020724)
       396798.26   3767531.08        6.79015m (15020724)                396838.26
 3767531.08        7.60057  (16121124)
       396878.26   3767531.08        8.50448  (16121124)                396918.26
 3767531.08        9.99750m (10121424)
       396958.26   3767531.08       13.37464m (10121424)                396998.26
 3767531.08       15.69706m (10121424)
       397038.26   3767531.08       16.13728m (10121424)                397078.26
 3767531.08       15.36181m (10121424)
       397118.26   3767531.08       15.90925m (10102124)                397158.26
 3767531.08       17.60691m (10102124)
       397198.26   3767531.08       18.92487m (10102124)                397238.26
 3767531.08       18.84442m (10102124)
       397278.26   3767531.08       18.55018  (10100324)                397318.26
 3767531.08       18.41693  (10100324)
       397358.26   3767531.08       16.91804  (10100324)                397398.26
 3767531.08       14.44086m (12081424)
       397438.26   3767531.08       14.00925m (12081424)                397478.26
 3767531.08       13.29557m (12081424)
       397518.26   3767531.08       12.74413  (15071724)                397558.26
 3767531.08       11.99061  (15071724)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397598.26	3767531.08	11.28841c	(16072624)	397638.26	3767531.08	10.49471c	(16072624)
397678.26	3767531.08	9.55121c	(16072624)	397718.26	3767531.08	8.65104c	(16072624)
397320.82	3767219.11	69.49197m	(15020724)	397330.82	3767209.11	62.95848m	(15020724)
397340.82	3767189.11	58.92971m	(15020724)	397340.82	3767199.11	55.98337m	(15020724)
397340.82	3767209.11	52.21936m	(15020724)	397350.82	3767189.11	48.10498m	(15020724)
397350.82	3767199.11	46.69378m	(15020724)	397360.82	3767189.11	40.61828m	(15020724)
397360.82	3767199.11	39.79484m	(15020724)	397370.82	3767189.11	35.16817m	(15020724)
397380.82	3767189.11	30.87162m	(15020724)	396934.73	3767169.52	69.00958m	(15020724)
397014.53	3767229.60	113.27526	(16121124)	397044.10	3767223.97	148.36217	(16121124)
397113.57	3767239.93	159.36676	(16121124)	397158.63	3767280.29	130.39867	(16121124)
397168.95	3767307.05	88.21490	(16121124)	397244.05	3767296.72	86.34344	(15122324)
397260.95	3767278.88	91.49543	(15122324)	397409.74	3767205.66	26.19185	(15111624)

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       397422.89   3767189.23       24.03795  (15111624)                397426.64
 3767180.78       23.50848  (15111624)
       397420.54   3767170.46       23.82740  (15121424)                397318.68
 3767160.13       82.49903m (15020724)
       397022.98   3767083.62       86.95216m (15020724)                396920.42
 3767167.32       50.60400m (15020724)
       396989.95   3767243.54       62.93231  (16121124)                397044.10
 3767223.97      148.36217  (16121124)
       397113.57   3767239.93      159.36676  (16121124)                397158.63
 3767280.29      130.39867  (16121124)
       397168.95   3767307.05       88.21490  (16121124)                397244.05
 3767296.72       86.34344  (15122324)
       397260.95   3767278.88       91.49543  (15122324)                397409.74
 3767205.66       26.19185  (15111624)
       397422.89   3767189.23       24.03795  (15111624)                397426.64
 3767180.78       23.50848  (15111624)
       397420.54   3767170.46       23.82740  (15121424)                397318.68
 3767160.13       82.49903m (15020724)
       397022.98   3767083.62       86.95216m (15020724)

↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE  97
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396558.26   3766771.08       3.46536m (15020724)                396598.26
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3766771.08 3.77675m (15020724)
396638.26 3766771.08 4.15525m (15020724) 396678.26
3766771.08 4.53003m (15020724)
396718.26 3766771.08 4.92548m (15020724) 396758.26
3766771.08 5.32996m (15020724)
396798.26 3766771.08 5.72973m (15020724) 396838.26
3766771.08 6.17196m (15020724)
396878.26 3766771.08 6.61525m (15020724) 396918.26
3766771.08 7.05120m (15020724)
396958.26 3766771.08 7.45202m (15020724) 396998.26
3766771.08 7.78616m (15020724)
397038.26 3766771.08 8.03804m (15020724) 397078.26
3766771.08 8.19086m (15020724)
397118.26 3766771.08 8.22488m (15020724) 397158.26
3766771.08 8.13664m (15020724)
397198.26 3766771.08 7.97562m (15020724) 397238.26
3766771.08 7.74307m (15020724)
397278.26 3766771.08 7.44466m (15020724) 397318.26
3766771.08 7.09358m (15020724)
397358.26 3766771.08 6.70256m (15020724) 397398.26
3766771.08 6.29558m (15020724)
397438.26 3766771.08 5.87900m (15020724) 397478.26
3766771.08 5.46979m (15020724)
397518.26 3766771.08 5.07524m (15020724) 397558.26
3766771.08 4.70075m (15020724)
397598.26 3766771.08 4.35072m (15020724) 397638.26
3766771.08 4.02678m (15020724)
397678.26 3766771.08 3.72870m (15020724) 397718.26
3766771.08 3.45498m (15020724)
396558.26 3766811.08 3.66939m (15020724) 396598.26
3766811.08 4.00414m (15020724)
396638.26 3766811.08 4.44414m (15020724) 396678.26
3766811.08 4.90046m (15020724)
396718.26 3766811.08 5.36072m (15020724) 396758.26
3766811.08 5.83074m (15020724)
396798.26 3766811.08 6.36814m (15020724) 396838.26
3766811.08 6.93935m (15020724)
396878.26 3766811.08 7.52307m (15020724) 396918.26
3766811.08 8.10740m (15020724)
396958.26 3766811.08 8.65442m (15020724) 396998.26
3766811.08 9.11961m (15020724)
397038.26 3766811.08 9.46823m (15020724) 397078.26
3766811.08 9.67785m (15020724)
397118.26 3766811.08 9.75788m (15020724) 397158.26
3766811.08 9.67156m (15020724)
397198.26 3766811.08 9.42064m (15020724) 397238.26
3766811.08 9.05421m (15020724)
397278.26 3766811.08 8.61818m (15020724) 397318.26
3766811.08 8.13958m (15020724)
397358.26 3766811.08 7.62649m (15020724) 397398.26

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       397438.26   3766811.08        6.56340m (15020724)               397478.26
 3766811.08        6.05053m (15020724)
       397518.26   3766811.08        5.56361m (15020724)               397558.26
 3766811.08        5.11019m (15020724)
       397598.26   3766811.08        4.69354m (15020724)               397638.26
 3766811.08        4.31387m (15020724)
       397678.26   3766811.08        3.96983m (15020724)               397718.26
 3766811.08        3.65884m (15020724)
       396558.26   3766851.08        3.88963m (15020724)               396598.26
 3766851.08        4.25138m (15020724)
       396638.26   3766851.08        4.70258m (15020724)               396678.26
 3766851.08        5.23863m (15020724)
       396718.26   3766851.08        5.80266m (15020724)               396758.26
 3766851.08        6.40983m (15020724)
       396798.26   3766851.08        7.09400m (15020724)               396838.26
 3766851.08        7.84011m (15020724)
       396878.26   3766851.08        8.63554m (15020724)               396918.26
 3766851.08        9.41819m (15020724)
       396958.26   3766851.08       10.17770m (15020724)               396998.26
 3766851.08       10.84075m (15020724)
       397038.26   3766851.08       11.33596m (15020724)               397078.26
 3766851.08       11.65724m (15020724)
       397118.26   3766851.08       11.77303m (15020724)               397158.26
 3766851.08       11.64889m (15020724)
       397198.26   3766851.08       11.30233m (15020724)               397238.26
 3766851.08       10.80458m (15020724)
       397278.26   3766851.08       10.17473m (15020724)               397318.26
 3766851.08        9.45458m (15020724)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE  98
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
397358.26	3766851.08	8.74891m (15020724)	397398.26	3766851.08	8.04500m (15020724)
397438.26	3766851.08	7.36093m (15020724)	397478.26	3766851.08	6.71103m (15020724)
397518.26	3766851.08	6.10781m (15020724)	397558.26	3766851.08	5.55745m (15020724)
397598.26	3766851.08	5.06106m (15020724)	397638.26	3766851.08	4.61652m (15020724)
397678.26	3766851.08	4.21980m (15020724)	397718.26	3766851.08	3.86641m (15020724)
396558.26	3766891.08	4.10702m (15020724)	396598.26	3766891.08	4.51214m (15020724)
396638.26	3766891.08	5.01941m (15020724)	396678.26	3766891.08	5.63974m (15020724)
396718.26	3766891.08	6.30917m (15020724)	396758.26	3766891.08	7.06967m (15020724)
396798.26	3766891.08	7.93533m (15020724)	396838.26	3766891.08	8.90528m (15020724)
396878.26	3766891.08	9.98442m (15020724)	396918.26	3766891.08	11.06321m (15020724)
396958.26	3766891.08	12.15493m (15020724)	396998.26	3766891.08	13.12418m (15020724)
397038.26	3766891.08	13.87030m (15020724)	397078.26	3766891.08	14.39509m (15020724)
397118.26	3766891.08	14.52796m (15020724)	397158.26	3766891.08	14.26799m (15020724)
397198.26	3766891.08	13.80848m (15020724)	397238.26	3766891.08	13.06713m (15020724)
397278.26	3766891.08	12.18188m (15020724)	397318.26	3766891.08	11.20911m (15020724)
397358.26	3766891.08	10.17918m (15020724)	397398.26	3766891.08	9.18814m (15020724)
397438.26	3766891.08	8.28633m (15020724)	397478.26	3766891.08	7.45843m (15020724)
397518.26	3766891.08	6.71123m (15020724)	397558.26	3766891.08	6.04161m (15020724)
397598.26	3766891.08	5.45066m (15020724)	397638.26	3766891.08	4.93126m (15020724)
397678.26	3766891.08	4.47543m (15020724)	397718.26	3766891.08	4.07594m (15020724)
396558.26	3766931.08	4.32985m (15020724)	396598.26	3766931.08	4.79048m (15020724)

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       396638.26   3766931.08        5.37796m (15020724)               396678.26
 3766931.08        6.04554m (15020724)
       396718.26   3766931.08        6.86269m (15020724)               396758.26
 3766931.08        7.80269m (15020724)
       396798.26   3766931.08        8.90451m (15020724)               396838.26
 3766931.08       10.17512m (15020724)
       396878.26   3766931.08       11.61830m (15020724)               396918.26
 3766931.08       13.19880m (15020724)
       396958.26   3766931.08       14.81213m (15020724)               396998.26
 3766931.08       16.31641m (15020724)
       397038.26   3766931.08       17.54434m (15020724)               397078.26
 3766931.08       18.29209m (15020724)
       397118.26   3766931.08       18.46000m (15020724)               397158.26
 3766931.08       18.05591m (15020724)
       397198.26   3766931.08       17.25381m (15020724)               397238.26
 3766931.08       16.13139m (15020724)
       397278.26   3766931.08       14.79296m (15020724)               397318.26
 3766931.08       13.39876m (15020724)
       397358.26   3766931.08       12.02874m (15020724)               397398.26
 3766931.08       10.65079m (15020724)
       397438.26   3766931.08        9.39233m (15020724)               397478.26
 3766931.08        8.31058m (15020724)
       397518.26   3766931.08        7.37817m (15020724)               397558.26
 3766931.08        6.55961m (15020724)
       397598.26   3766931.08        5.85647m (15020724)               397638.26
 3766931.08        5.25212m (15020724)
       397678.26   3766931.08        4.73133m (15020724)               397718.26
 3766931.08        4.28434m (15020724)
       396558.26   3766971.08        4.54132m (15020724)               396598.26
 3766971.08        5.05989m (15020724)
       396638.26   3766971.08        5.70245m (15020724)               396678.26
 3766971.08        6.47090m (15020724)
       396718.26   3766971.08        7.42014m (15020724)               396758.26
 3766971.08        8.57544m (15020724)
       396798.26   3766971.08        9.97855m (15020724)               396838.26
 3766971.08       11.69210m (15020724)
       396878.26   3766971.08       13.69759m (15020724)               396918.26
 3766971.08       16.02428m (15020724)
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                  PAGE  99
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
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                  EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                  EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                  EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        396958.26   3766971.08       18.56282m (15020724)               396998.26
 3766971.08       21.10045m (15020724)
        397038.26   3766971.08       23.11688m (15020724)               397078.26
 3766971.08       24.19653m (15020724)
        397118.26   3766971.08       24.30121m (15020724)               397158.26
 3766971.08       23.52038m (15020724)
        397198.26   3766971.08       22.13246m (15020724)               397238.26
 3766971.08       20.35268m (15020724)
        397278.26   3766971.08       18.33869m (15020724)               397318.26
 3766971.08       16.28444m (15020724)
        397358.26   3766971.08       13.57532m (15020724)               397398.26
 3766971.08       12.11856m (15020724)
        397438.26   3766971.08       10.71764m (15020724)               397478.26
 3766971.08        9.28414m (15020724)
        397518.26   3766971.08        8.09625m (15020724)               397558.26
 3766971.08        7.10085m (15020724)
        397598.26   3766971.08        6.26955m (15020724)               397638.26
 3766971.08        5.57034m (15020724)
        397678.26   3766971.08        4.97904m (15020724)               397718.26
 3766971.08        4.48309m (15020724)
        396558.26   3767011.08        4.73814m (15020724)               396598.26
 3767011.08        5.29933m (15020724)
        396638.26   3767011.08        6.01350m (15020724)               396678.26
 3767011.08        6.89584m (15020724)
        396718.26   3767011.08        7.98596m (15020724)               396758.26
 3767011.08        9.37478m (15020724)
        396798.26   3767011.08       11.14400m (15020724)               396838.26
 3767011.08       13.42848m (15020724)
        396878.26   3767011.08       16.32102m (15020724)               396918.26
 3767011.08       19.94870m (15020724)
        396958.26   3767011.08       24.15630m (15020724)               396998.26
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        397038.26   3767011.08       32.34779m (15020724)               397078.26
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 3767011.08       33.95553m (15020724)
       397118.26   3767011.08       33.66957m (15020724)                397158.26
 3767011.08       31.96940m (15020724)
       397198.26   3767011.08       29.47535m (15020724)                397238.26
 3767011.08       26.50895m (15020724)
       397278.26   3767011.08       23.35217m (15020724)                397318.26
 3767011.08       20.16434m (15020724)
       397358.26   3767011.08       16.02146m (15020724)                397398.26
 3767011.08       13.11934m (15020724)
       397438.26   3767011.08       12.08382m (15020724)                397478.26
 3767011.08       10.33897m (15020724)
       397518.26   3767011.08        8.84608m (15020724)                397558.26
 3767011.08        7.64889m (15020724)
       397598.26   3767011.08        6.67476m (15020724)                397638.26
 3767011.08        5.87665m (15020724)
       397678.26   3767011.08        5.21380m (15020724)                397718.26
 3767011.08        4.66693m (15020724)
       396558.26   3767051.08        4.90623m (15020724)                396598.26
 3767051.08        5.52827m (15020724)
       396638.26   3767051.08        6.28607m (15020724)                396678.26
 3767051.08        7.27453m (15020724)
       396718.26   3767051.08        8.52643m (15020724)                396758.26
 3767051.08       10.15272m (15020724)
       396798.26   3767051.08       12.33942m (15020724)                396838.26
 3767051.08       15.32980m (15020724)
       396878.26   3767051.08       19.54567m (15020724)                396918.26
 3767051.08       25.52575m (15020724)
       396958.26   3767051.08       33.52492m (15020724)                396998.26
 3767051.08       43.18257m (15020724)
       397038.26   3767051.08       50.81629m (15020724)                397078.26
 3767051.08       52.56743m (15020724)
       397118.26   3767051.08       50.40448m (15020724)                397158.26
 3767051.08       46.29742m (15020724)
       397198.26   3767051.08       41.42173m (15020724)                397238.26
 3767051.08       36.18056m (15020724)
       397278.26   3767051.08       30.93794m (15020724)                397318.26
 3767051.08       25.68553m (15020724)
       397358.26   3767051.08       20.41824m (15020724)                397398.26
 3767051.08       15.72602  (15102924)
       397438.26   3767051.08       13.43719  (15121424)                397478.26
 3767051.08       11.37179m (15020724)
       397518.26   3767051.08        9.61410m (15020724)                397558.26
 3767051.08        8.19078m (15020724)
       397598.26   3767051.08        7.06110m (15020724)                397638.26
 3767051.08        6.15785m (15020724)
       397678.26   3767051.08        5.42673m (15020724)                397718.26
 3767051.08        4.82359m (15020724)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3767091.08	5.05030m	(15020724)	396598.26	3767091.08	5.72945m	(15020724)
396638.26	3767091.08	6.52875m	(15020724)	396678.26	3767091.08	7.56584m	(15020724)
396718.26	3767091.08	8.96402m	(15020724)	396758.26	3767091.08	10.83015m	(15020724)
396798.26	3767091.08	13.41815m	(15020724)	396838.26	3767091.08	17.22225m	(15020724)
396878.26	3767091.08	23.12690m	(15020724)	396918.26	3767091.08	32.97240m	(15020724)
396958.26	3767091.08	49.94884m	(15020724)	396998.26	3767091.08	82.34583m	(15020724)
397078.26	3767091.08	99.21647m	(15020724)	397118.26	3767091.08	87.03235m	(15020724)
397158.26	3767091.08	74.87923m	(15020724)	397198.26	3767091.08	63.66067m	(15020724)
397238.26	3767091.08	53.40025m	(15020724)	397278.26	3767091.08	43.92203m	(15020724)
397318.26	3767091.08	34.44299m	(15020724)	397358.26	3767091.08	25.60938m	(15020724)
397398.26	3767091.08	20.08957	(15121424)	397438.26	3767091.08	17.26180	(15121424)
397478.26	3767091.08	15.03993	(15111624)	397518.26	3767091.08	12.72591	(15111624)

397558.26 3767091.08 11.19209 (15111624) 397598.26
3767091.08 8.66949 (15111624)
397638.26 3767091.08 6.40035m (15020724) 397678.26
3767091.08 5.60540m (15020724)
397718.26 3767091.08 4.95729m (15020724) 396558.26
3767131.08 5.15631m (15020724)
396598.26 3767131.08 5.86306m (15020724) 396638.26
3767131.08 6.72960m (15020724)
396678.26 3767131.08 7.78431m (15020724) 396718.26
3767131.08 9.24095m (15020724)
396758.26 3767131.08 11.28533m (15020724) 396798.26
3767131.08 14.20898m (15020724)
396838.26 3767131.08 18.69624m (15020724) 396878.26
3767131.08 26.46660m (15020724)
396918.26 3767131.08 42.31425m (15020724) 396958.26
3767131.08 86.29890m (15020724)
397238.26 3767131.08 94.68672m (15020724) 397278.26
3767131.08 73.60712m (15020724)
397318.26 3767131.08 51.79785m (15020724) 397358.26
3767131.08 32.40330m (15020724)
397398.26 3767131.08 25.73594 (15121424) 397438.26
3767131.08 20.78222 (15111624)
397478.26 3767131.08 18.21133 (15111624) 397518.26
3767131.08 15.01389 (15111624)
397558.26 3767131.08 12.57559 (15111624) 397598.26
3767131.08 10.08305 (15111624)
397638.26 3767131.08 6.55289m (15020724) 397678.26
3767131.08 5.73236m (15020724)
397718.26 3767131.08 5.05249m (15020724) 396558.26
3767171.08 5.21678m (15020724)
396598.26 3767171.08 5.93324m (15020724) 396638.26
3767171.08 6.83117m (15020724)
396678.26 3767171.08 7.93098m (15020724) 396718.26
3767171.08 9.36287m (15020724)
396758.26 3767171.08 11.43079m (15020724) 396798.26
3767171.08 14.51118m (15020724)
396838.26 3767171.08 19.31161m (15020724) 396878.26
3767171.08 27.96387m (15020724)
396918.26 3767171.08 48.48433m (15020724) 397438.26
3767171.08 22.88396 (15111624)
397478.26 3767171.08 18.27781 (15111624) 397518.26
3767171.08 14.12145 (15111624)
397558.26 3767171.08 11.24275 (15111624) 397598.26
3767171.08 8.93351 (15111624)
397638.26 3767171.08 6.84752 (15111624) 397678.26
3767171.08 5.96202 (15111624)
397718.26 3767171.08 5.07205m (15020724) 396558.26
3767211.08 5.21201m (15020724)
396598.26 3767211.08 5.93003m (15020724) 396638.26
3767211.08 6.82019m (15020724)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396918.26	3767211.08	40.64778m	(15020724)	396958.26	3767211.08	70.81788	(16121124)
397438.26	3767211.08	22.74328	(15111624)	397478.26	3767211.08	18.39427	(15111624)
397518.26	3767211.08	14.32073	(15111624)	397558.26	3767211.08	11.00376	(15111624)
397598.26	3767211.08	8.68668	(15111624)	397638.26	3767211.08	7.35810	(15111624)
397678.26	3767211.08	6.43620	(15111624)	397718.26	3767211.08	5.50534	(15111624)
396558.26	3767251.08	5.16465m	(15020724)	396598.26	3767251.08	5.86282m	(15020724)
396638.26	3767251.08	6.72869m	(15020724)	396678.26	3767251.08	7.82340m	(15020724)
396718.26	3767251.08	9.18717m	(15020724)	396758.26			

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3767251.08       10.91674m (15020724)
       396798.26   3767251.08       13.46036m (15020724)                396838.26
3767251.08       17.22450m (15020724)
       396878.26   3767251.08       23.09021m (15020724)                396918.26
3767251.08       30.77850  (10111924)
       396958.26   3767251.08       44.88148  (10111924)                396998.26
3767251.08       58.81227  (16121124)
       397038.26   3767251.08       71.61752  (16121124)                397078.26
3767251.08       93.97032  (16121124)
       397118.26   3767251.08      147.09360  (16121124)                397318.26
3767251.08       53.88355  (16102524)
       397358.26   3767251.08       37.75202  (11072924)                397398.26
3767251.08       26.32135  (11072924)
       397438.26   3767251.08       20.16565  (11072924)                397478.26
3767251.08       16.63440  (11072924)
       397518.26   3767251.08       13.26705  (11072924)                397558.26
3767251.08       10.94629  (15111624)
       397598.26   3767251.08        9.26968  (15111624)                397638.26
3767251.08        7.41470  (15111624)
       397678.26   3767251.08        6.27963  (15111624)                397718.26
3767251.08        5.41048  (15111624)
       396558.26   3767291.08        6.12277b (11111524)                396598.26
3767291.08        6.17309b (11111524)
       396638.26   3767291.08        6.70490b (11111524)                396678.26
3767291.08        7.49545m (15020724)
       396718.26   3767291.08        8.84113m (15020724)                396758.26
3767291.08       10.36200m (15020724)
       396798.26   3767291.08       12.49717m (15020724)                396838.26
3767291.08       15.50925m (15020724)
       396878.26   3767291.08       19.22622m (15020724)                396918.26
3767291.08       28.10539  (10111924)
       396958.26   3767291.08       34.61888  (10111924)                396998.26
3767291.08       37.54069  (10111924)
       397038.26   3767291.08       36.69109  (11032824)                397078.26
3767291.08       43.92043  (16121124)
       397118.26   3767291.08       64.91138  (16121124)                397158.26
3767291.08      115.89173  (16121124)
       397278.26   3767291.08       61.10914  (16100524)                397318.26
3767291.08       45.44999m (12050124)
       397358.26   3767291.08       32.71078  (12050324)                397398.26
3767291.08       24.26690  (11072924)
       397438.26   3767291.08       20.12502  (11072924)                397478.26
3767291.08       17.44439  (11072924)
       397518.26   3767291.08       14.86295  (11072924)                397558.26
3767291.08       12.22333  (11072924)
       397598.26   3767291.08       10.47742  (11072924)                397638.26
3767291.08        9.05620  (11072924)
       397678.26   3767291.08        6.52288  (11072924)                397718.26
3767291.08        5.32749  (15111524)
       396558.26   3767331.08        6.57464b (11111524)                396598.26
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397198.26	3767331.08	57.47253m	(12120224)	397238.26	3767331.08	52.90263m	(12120224)
397278.26	3767331.08	46.89478m	(12050124)	397318.26	3767331.08	38.42479	(16061324)
397358.26	3767331.08	29.62391c	(16072624)	397398.26	3767331.08	23.04627c	(16072624)

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       397438.26   3767331.08       19.02327  (11072924)                397478.26
3767331.08       16.87623  (11072924)
       397518.26   3767331.08       14.67993  (11072924)                397558.26
3767331.08       12.71772  (11072924)
       397598.26   3767331.08       11.03547  (11072924)                397638.26
3767331.08       10.05507  (11072924)
       397678.26   3767331.08        8.80207  (11072924)                397718.26
3767331.08        6.66126  (11072924)
       396558.26   3767371.08        6.58167  (11021724)                396598.26
3767371.08        7.26879b (11111524)
       396638.26   3767371.08        7.76750b (11111524)                396678.26
3767371.08        7.57031  (10111924)
       396718.26   3767371.08        7.75585m (15020724)                396758.26
3767371.08        8.95097m (15020724)
       396798.26   3767371.08       10.36264m (15020724)                396838.26
3767371.08       12.16198m (15020724)
       396878.26   3767371.08       14.26801  (16121124)                396918.26
3767371.08       19.63973  (10111924)
       396958.26   3767371.08       23.12429m (10121424)                396998.26
3767371.08       26.52513m (10121424)
       397038.26   3767371.08       26.24622m (10121424)                397078.26
3767371.08       27.14635  (10100424)
       397118.26   3767371.08       30.74040  (10100424)                397158.26
3767371.08       35.04463m (10102124)
       397198.26   3767371.08       39.17135m (10102124)                397238.26
3767371.08       38.33358  (10100324)
       397278.26   3767371.08       33.77713  (16061324)                397318.26
3767371.08       30.99285  (16061324)
       397358.26   3767371.08       26.76915  (15071724)                397398.26
3767371.08       22.27761c (16072624)
       397438.26   3767371.08       19.41338c (16072624)                397478.26
3767371.08       16.43958c (16072624)
       397518.26   3767371.08       14.18115  (11072924)                397558.26
3767371.08       12.85326  (11072924)
       397598.26   3767371.08       11.57708  (11072924)                397638.26
3767371.08       10.29970  (11072924)
       397678.26   3767371.08        9.48900  (11072924)                397718.26
3767371.08        8.40584  (11072924)
       396558.26   3767411.08        6.58985  (11021724)                396598.26
3767411.08        6.93751b (11111524)
       396638.26   3767411.08        7.19011  (10111924)                396678.26
3767411.08        6.40772  (10111924)
       396718.26   3767411.08        7.20060m (15020724)                396758.26
3767411.08        8.19720m (15020724)
       396798.26   3767411.08        9.34058m (15020724)                396838.26
3767411.08       10.73962m (15020724)
       396878.26   3767411.08       12.45416  (16121124)                396918.26
3767411.08       15.82322m (10121424)
       396958.26   3767411.08       20.58901m (10121424)                396998.26
3767411.08       22.21097m (10121424)
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       397038.26   3767411.08       21.57227m (10121424)                397078.26
 3767411.08       22.08722m (10121424)
       397118.26   3767411.08       24.07935m (10102124)                397158.26
 3767411.08       28.43006m (10102124)
       397198.26   3767411.08       31.52161m (10102124)                397238.26
 3767411.08       30.58782  (10100324)
       397278.26   3767411.08       29.02433  (10100324)                397318.26
 3767411.08       24.91186m (12081424)
       397358.26   3767411.08       23.97031m (12081424)                397398.26
 3767411.08       20.83143  (15071724)
       397438.26   3767411.08       18.48426  (15071724)                397478.26
 3767411.08       16.63442c (16072624)
       397518.26   3767411.08       14.56703c (16072624)                397558.26
 3767411.08       12.53538c (16072624)
       397598.26   3767411.08       11.28962  (11072924)                397638.26
 3767411.08       10.38022  (11072924)
       397678.26   3767411.08        9.39755  (11072924)                397718.26
 3767411.08        8.88000  (11072924)
       396558.26   3767451.08        6.28731  (11021724)                396598.26
 3767451.08        7.11568  (10111924)
       396638.26   3767451.08        7.00861  (10111924)                396678.26
 3767451.08        6.60351  (10111924)
       396718.26   3767451.08        6.66862  (10111924)                396758.26
 3767451.08        7.47595m (15020724)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE 103
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
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 3767491.08       15.00195  (15071724)
       397518.26   3767491.08       13.82053  (15071724)                397558.26
 3767491.08       12.78992c (16072624)
       397598.26   3767491.08       11.90597c (16072624)                397638.26
 3767491.08       10.68309c (16072624)
       397678.26   3767491.08        9.42240c (16072624)                397718.26
 3767491.08        8.31128c (16072624)
       396558.26   3767531.08        6.75954  (10111924)                396598.26
 3767531.08        7.51378  (10111924)
       396638.26   3767531.08        8.37775  (10111924)                396678.26
 3767531.08        9.13286  (10111924)
       396718.26   3767531.08        8.68029  (10111924)                396758.26
 3767531.08        6.18662m (15020724)
       396798.26   3767531.08        6.79015m (15020724)                396838.26
 3767531.08        7.60057  (16121124)
       396878.26   3767531.08        8.50448  (16121124)                396918.26
 3767531.08       10.09490m (10121424)
       396958.26   3767531.08       13.49709m (10121424)                396998.26
 3767531.08       15.83358m (10121424)
       397038.26   3767531.08       16.28318m (10121424)                397078.26
 3767531.08       15.49977m (10121424)
       397118.26   3767531.08       16.31594m (10102124)                397158.26
 3767531.08       18.12552m (10102124)
       397198.26   3767531.08       19.53219m (10102124)                397238.26
 3767531.08       19.49437m (10102124)
       397278.26   3767531.08       18.55018  (10100324)                397318.26
 3767531.08       18.41693  (10100324)
       397358.26   3767531.08       16.91804  (10100324)                397398.26
 3767531.08       14.78732m (12081424)
       397438.26   3767531.08       14.36416m (12081424)                397478.26
 3767531.08       13.64422m (12081424)
       397518.26   3767531.08       13.01625  (15071724)                397558.26
 3767531.08       12.23214  (15071724)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
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, L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397598.26	3767531.08	11.51102c	(16072624)	397638.26	3767531.08	10.68864c	(16072624)
397678.26	3767531.08	9.71838c	(16072624)	397718.26	3767531.08	8.79474c	(16072624)
397320.82	3767219.11	69.49197m	(15020724)	397330.82	3767209.11	62.95848m	(15020724)
397340.82	3767189.11	58.92971m	(15020724)	397340.82	3767199.11	55.98337m	(15020724)
397340.82	3767209.11	52.21936m	(15020724)	397350.82	3767189.11	48.10498m	(15020724)
397350.82	3767199.11	46.69378m	(15020724)	397360.82	3767189.11	40.61828m	(15020724)
397360.82	3767199.11	39.79484m	(15020724)	397370.82	3767189.11	35.16817m	(15020724)
397380.82	3767189.11	30.87162m	(15020724)	396934.73	3767169.52	69.00958m	(15020724)
397014.53	3767229.60	113.27526	(16121124)	397044.10	3767223.97	148.36217	(16121124)
397113.57	3767239.93	159.36676	(16121124)	397158.63	3767280.29	130.39867	(16121124)
397168.95	3767307.05	88.21490	(16121124)	397244.05	3767296.72	86.91932	(15122324)
397260.95	3767278.88	92.01997	(15122324)	397409.74	3767205.66	27.30613	(15111624)
397422.89	3767189.23	25.19242	(15111624)	397426.64	3767180.78	24.67756	(15111624)
397420.54	3767170.46	25.04292	(15111624)	397318.68	3767160.13	82.49903m	(15020724)
397022.98	3767083.62	86.95216m	(15020724)	396920.42	3767167.32	50.60400m	(15020724)
396989.95	3767243.54	62.93231	(16121124)	397044.10	3767223.97	148.36217	(16121124)
397113.57	3767239.93	159.36676	(16121124)	397158.63	3767280.29	130.39867	(16121124)
397168.95	3767307.05	88.21490	(16121124)	397244.05	3767296.72	86.91932	(15122324)
397260.95	3767278.88	92.01997	(15122324)	397409.74	3767205.66	27.30613	(15111624)

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3766771.08	0.12578	(11121224)	396598.26	3766771.08	0.14822	(11121224)
396638.26	3766771.08	0.17740	(12122424)	396678.26	3766771.08	0.20815	(10011924)
396718.26	3766771.08	0.24468	(12011924)	396758.26	3766771.08	0.27032	(16122024)
396798.26	3766771.08	0.29793	(15010524)	396838.26	3766771.08	0.30972	(11121224)
396878.26	3766771.08	0.33327	(16122724)	396918.26	3766771.08	0.34142	(16020924)
396958.26	3766771.08	0.34960	(16120124)	396998.26	3766771.08	0.33653	(16122224)
397038.26	3766771.08	0.32022	(16120124)	397078.26	3766771.08	0.30217	(16112224)
397118.26	3766771.08	0.27128	(16122024)	397158.26	3766771.08	0.21882	(16122224)
397422.89	3767189.23	25.19242	(15111624)	397426.64	3767180.78	24.67756	(15111624)
397420.54	3767170.46	25.04292	(15111624)	397318.68	3767160.13	82.49903m	(15020724)
397022.98	3767083.62	86.95216m	(15020724)				

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       397198.26   3766771.08        0.16441  (16110924)               397238.26
3766771.08        0.13548  (16122824)
       397278.26   3766771.08        0.12004  (10120124)               397318.26
3766771.08        0.12813m (10030524)
       397358.26   3766771.08        0.14114b (10051224)               397398.26
3766771.08        0.14044b (10051224)
       397438.26   3766771.08        0.14125m (12100524)               397478.26
3766771.08        0.13218m (10120724)
       397518.26   3766771.08        0.11518  (10120124)               397558.26
3766771.08        0.11064  (10020224)
       397598.26   3766771.08        0.10025  (15102924)               397638.26
3766771.08        0.09599  (11040424)
       397678.26   3766771.08        0.08998  (10122424)               397718.26
3766771.08        0.08826  (10122424)
       396558.26   3766811.08        0.13137  (11110224)               396598.26
3766811.08        0.14688  (11121224)
       396638.26   3766811.08        0.18036  (10020524)               396678.26
3766811.08        0.21802  (11121624)
       396718.26   3766811.08        0.25217  (10020524)               396758.26
3766811.08        0.28159  (10020524)
       396798.26   3766811.08        0.31989  (16122024)               396838.26
3766811.08        0.35742  (11121224)
       396878.26   3766811.08        0.37157  (16012724)               396918.26
3766811.08        0.38207  (16020924)
       396958.26   3766811.08        0.39953  (16020924)               396998.26
3766811.08        0.38076  (16122224)
       397038.26   3766811.08        0.36465  (16112224)               397078.26
3766811.08        0.34944  (16112224)
       397118.26   3766811.08        0.31985  (16122124)               397158.26
3766811.08        0.26391  (16122224)
       397198.26   3766811.08        0.18956m (10123124)               397238.26
3766811.08        0.15474  (16122824)
       397278.26   3766811.08        0.13685m (10042224)               397318.26
3766811.08        0.15378m (10042224)
       397358.26   3766811.08        0.15987b (10051224)               397398.26
3766811.08        0.15957  (11011024)
       397438.26   3766811.08        0.15279m (12100524)               397478.26
3766811.08        0.14181  (10120124)
       397518.26   3766811.08        0.13370  (10020224)               397558.26
3766811.08        0.11805  (15102924)
       397598.26   3766811.08        0.11504  (11040424)               397638.26
3766811.08        0.11210  (10122424)
       397678.26   3766811.08        0.10638  (10052724)               397718.26
3766811.08        0.10368  (10122424)
       396558.26   3766851.08        0.13112  (11110224)               396598.26
3766851.08        0.15465  (11110224)
       396638.26   3766851.08        0.17351  (12021524)               396678.26
3766851.08        0.21194  (15022324)
       396718.26   3766851.08        0.25227  (11110224)               396758.26
3766851.08        0.29339  (10020524)
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       396798.26   3766851.08        0.34121  (12021624)               396838.26
 3766851.08        0.38481  (12021624)
       396878.26   3766851.08        0.42335  (11121224)               396918.26
 3766851.08        0.45977  (16012724)
       396958.26   3766851.08        0.47488  (16122824)               396998.26
 3766851.08        0.44958  (16112424)
       397038.26   3766851.08        0.42779  (16012724)               397078.26
 3766851.08        0.40558  (16122124)
       397118.26   3766851.08        0.37221  (16122124)               397158.26
 3766851.08        0.31251  (16111124)
       397198.26   3766851.08        0.22603m (10123124)               397238.26
 3766851.08        0.17748  (16111124)
       397278.26   3766851.08        0.16611m (10042224)               397318.26
 3766851.08        0.17885  (10020224)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

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 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       397358.26   3766851.08        0.17672  (11011024)               397398.26
 3766851.08        0.17309m (12100524)
       397438.26   3766851.08        0.16929  (10052724)               397478.26
 3766851.08        0.16007  (10020224)
       397518.26   3766851.08        0.14444  (11040424)               397558.26
 3766851.08        0.13879  (10122424)
       397598.26   3766851.08        0.13855  (10122424)               397638.26
 3766851.08        0.12915  (12122724)
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       397678.26   3766851.08        0.13181  (11011324)              397718.26
3766851.08        0.11940  (12122724)
       396558.26   3766891.08        0.13263  (10121724)              396598.26
3766891.08        0.15594  (11051724)
       396638.26   3766891.08        0.18602  (11121624)              396678.26
3766891.08        0.21534  (11021824)
       396718.26   3766891.08        0.25497  (12021524)              396758.26
3766891.08        0.30581  (10020524)
       396798.26   3766891.08        0.35442  (11121624)              396838.26
3766891.08        0.40911  (16121924)
       396878.26   3766891.08        0.47184  (15010524)              396918.26
3766891.08        0.49748  (16012724)
       396958.26   3766891.08        0.54104  (15010624)              396998.26
3766891.08        0.53541  (15010524)
       397038.26   3766891.08        0.51855  (15122224)              397078.26
3766891.08        0.48505  (16122624)
       397118.26   3766891.08        0.44345  (16122124)              397158.26
3766891.08        0.35274  (16111124)
       397198.26   3766891.08        0.26930m (10123124)              397238.26
3766891.08        0.21700  (16122824)
       397278.26   3766891.08        0.20425  (10020224)              397318.26
3766891.08        0.21127b (10051224)
       397358.26   3766891.08        0.20878m (10123124)              397398.26
3766891.08        0.19777  (10052724)
       397438.26   3766891.08        0.18942  (10020224)              397478.26
3766891.08        0.17365  (15102924)
       397518.26   3766891.08        0.17208  (10122424)              397558.26
3766891.08        0.17112  (10122424)
       397598.26   3766891.08        0.16348  (15121424)              397638.26
3766891.08        0.15892  (11011324)
       397678.26   3766891.08        0.13966  (10020824)              397718.26
3766891.08        0.12483  (11011124)
       396558.26   3766931.08        0.12921  (11121624)              396598.26
3766931.08        0.15202  (15010624)
       396638.26   3766931.08        0.18202  (11110224)              396678.26
3766931.08        0.21113  (11110224)
       396718.26   3766931.08        0.26264  (15022324)              396758.26
3766931.08        0.30503  (12021524)
       396798.26   3766931.08        0.37028  (10020524)              396838.26
3766931.08        0.43297  (11121624)
       396878.26   3766931.08        0.49749  (16122024)              396918.26
3766931.08        0.57123  (11121224)
       396958.26   3766931.08        0.62335  (16012724)              396998.26
3766931.08        0.65942  (15010524)
       397038.26   3766931.08        0.61939  (16112424)              397078.26
3766931.08        0.58271  (16122624)
       397118.26   3766931.08        0.54548  (16122124)              397158.26
3766931.08        0.44318  (16122124)
       397198.26   3766931.08        0.32401  (16122124)              397238.26
3766931.08        0.27127  (10120124)
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       397278.26   3766931.08        0.24867b (10051224)               397318.26
 3766931.08        0.25364  (11011024)
       397358.26   3766931.08        0.24455  (10052724)               397398.26
 3766931.08        0.23637  (10020224)
       397438.26   3766931.08        0.21475  (15102924)               397478.26
 3766931.08        0.21302  (10122424)
       397518.26   3766931.08        0.21073  (15111624)               397558.26
 3766931.08        0.21494  (10020824)
       397598.26   3766931.08        0.18908  (11011324)               397638.26
 3766931.08        0.17115  (11030924)
       397678.26   3766931.08        0.14912c (16032224)               397718.26
 3766931.08        0.14741  (11030924)
       396558.26   3766971.08        0.12249  (10020524)               396598.26
 3766971.08        0.14386  (10020524)
       396638.26   3766971.08        0.17197  (11010324)               396678.26
 3766971.08        0.20920  (11010324)
       396718.26   3766971.08        0.25356  (12012324)               396758.26
 3766971.08        0.30505  (11110224)
       396798.26   3766971.08        0.36426  (10020524)               396838.26
 3766971.08        0.44791  (10020524)
       396878.26   3766971.08        0.52638  (11121624)               396918.26
 3766971.08        0.63073  (16121924)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE 107
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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       396958.26   3766971.08        0.69861  (16121924)                396998.26
3766971.08        0.80016  (15010524)
       397038.26   3766971.08        0.76380  (16122124)                397078.26
3766971.08        0.73720  (16113024)
       397118.26   3766971.08        0.71288  (16122624)                397158.26
3766971.08        0.67242  (16113024)
       397198.26   3766971.08        0.45345  (16113024)                397238.26
3766971.08        0.35813  (16122724)
       397278.26   3766971.08        0.29585b (10051224)                397318.26
3766971.08        0.30598  (11011024)
       397358.26   3766971.08        0.28678  (10020824)                397398.26
3766971.08        0.27377  (15102924)
       397438.26   3766971.08        0.27122  (10122424)                397478.26
3766971.08        0.27788  (10020824)
       397518.26   3766971.08        0.26345  (11011324)                397558.26
3766971.08        0.22565  (11030924)
       397598.26   3766971.08        0.19755  (11011124)                397638.26
3766971.08        0.19411  (15102924)
       397678.26   3766971.08        0.16826  (15102924)                397718.26
3766971.08        0.14663  (15102924)
       396558.26   3767011.08        0.12328  (11110224)                396598.26
3767011.08        0.14019  (12011324)
       396638.26   3767011.08        0.16478  (10020524)                396678.26
3767011.08        0.19933  (12122024)
       396718.26   3767011.08        0.23842  (15010624)                396758.26
3767011.08        0.29584  (10011924)
       396798.26   3767011.08        0.36302  (10020524)                396838.26
3767011.08        0.44679  (10020524)
       396878.26   3767011.08        0.55079  (11121224)                396918.26
3767011.08        0.67228  (11121624)
       396958.26   3767011.08        0.80114  (15010524)                396998.26
3767011.08        0.89415  (16121924)
       397038.26   3767011.08        1.08421  (10121724)                397078.26
3767011.08        1.34717  (16012724)
       397118.26   3767011.08        1.35854  (15122224)                397158.26
3767011.08        1.02597  (16111824)
       397198.26   3767011.08        0.83226  (16122624)                397238.26
3767011.08        0.57007  (10052724)
       397278.26   3767011.08        0.44512  (10020224)                397318.26
3767011.08        0.36757  (10120124)
       397358.26   3767011.08        0.33981  (15102924)                397398.26
3767011.08        0.34910  (10020824)
       397438.26   3767011.08        0.34701  (15102924)                397478.26
3767011.08        0.31308  (11011324)
       397518.26   3767011.08        0.26833  (11011124)                397558.26
3767011.08        0.25302  (15102924)
       397598.26   3767011.08        0.21689  (15102924)                397638.26
3767011.08        0.18408  (15102924)
       397678.26   3767011.08        0.14711  (15102924)                397718.26
3767011.08        0.13188b (11111524)
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       396558.26   3767051.08        0.12376  (11110224)               396598.26
 3767051.08        0.14341  (12122024)
       396638.26   3767051.08        0.16573  (10012024)               396678.26
 3767051.08        0.19604  (11020924)
       396718.26   3767051.08        0.22918  (10122124)               396758.26
 3767051.08        0.27911  (12122024)
       396798.26   3767051.08        0.34204  (15012824)               396838.26
 3767051.08        0.42687  (10020524)
       396878.26   3767051.08        0.55614  (11110224)               396918.26
 3767051.08        0.72352  (10020524)
       396958.26   3767051.08        0.86777  (16112424)               396998.26
 3767051.08        1.28706  (15010524)
       397038.26   3767051.08        1.89845  (16121924)               397078.26
 3767051.08        1.62601m (15123124)
       397118.26   3767051.08        1.56245  (16113024)               397158.26
 3767051.08        1.31559  (16122124)
       397198.26   3767051.08        0.90232  (16122024)               397238.26
 3767051.08        0.73419  (16110924)
       397278.26   3767051.08        0.75543  (15121424)               397318.26
 3767051.08        0.57118m (10120724)
       397358.26   3767051.08        0.46196m (10120724)               397398.26
 3767051.08        0.41822  (15102924)
       397438.26   3767051.08        0.37108  (11030924)               397478.26
 3767051.08        0.33747  (15102924)
       397518.26   3767051.08        0.28813  (15102924)               397558.26
 3767051.08        0.24076  (15102924)
       397598.26   3767051.08        0.21037  (10102524)               397638.26
 3767051.08        0.17832  (11030924)
       397678.26   3767051.08        0.15514b (11111524)               397718.26
 3767051.08        0.13797b (11111524)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE 108
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3767091.08	0.11917	(11110224)	396598.26	3767091.08	0.13856	(12122024)
396638.26	3767091.08	0.16111	(11110224)	396678.26	3767091.08	0.18774	(11110224)
396718.26	3767091.08	0.22139	(11110224)	396758.26	3767091.08	0.26416	(10032524)
396798.26	3767091.08	0.32025	(11020924)	396838.26	3767091.08	0.38297	(10020524)
396878.26	3767091.08	0.49857	(10020524)	396918.26	3767091.08	0.66948	(10011924)
396958.26	3767091.08	1.01170m	(15123124)	396998.26	3767091.08	2.04294	(11121224)
397078.26	3767091.08	1.81294m	(15123124)	397118.26	3767091.08	1.70118	(15122224)
397158.26	3767091.08	1.42051	(16122224)	397198.26	3767091.08	1.16255	(10120124)
397238.26	3767091.08	0.91788	(10010424)	397278.26	3767091.08	1.03254	(10052724)
397318.26	3767091.08	0.96658m	(10120724)	397358.26	3767091.08	0.55878	(11011124)
397398.26	3767091.08	0.44678	(11011124)	397438.26	3767091.08	0.37928	(15102924)
397478.26	3767091.08	0.31891	(11030924)	397518.26	3767091.08	0.26550	(11030924)
397558.26	3767091.08	0.23125b	(11111524)	397598.26	3767091.08	0.20674b	(11111524)
397638.26	3767091.08	0.18628	(16022424)	397678.26	3767091.08	0.16790	(16022424)
397718.26	3767091.08	0.15002	(16022424)	396558.26	3767131.08	0.11827	(10100524)
396598.26	3767131.08	0.13540	(10100524)	396638.26	3767131.08	0.15389	(11110224)
396678.26	3767131.08	0.17736	(11110224)	396718.26	3767131.08	0.20801	(11110224)
396758.26	3767131.08	0.24342	(16122624)	396798.26	3767131.08	0.29176	(12122024)
396838.26	3767131.08	0.35785	(15012824)	396878.26	3767131.08	0.44939	(12122024)
396918.26	3767131.08	0.56245	(12122024)	396958.26	3767131.08	0.94374	(11110224)
397238.26	3767131.08	1.18715m	(10123124)	397278.26	3767131.08	1.31349c	(16032224)

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       397318.26   3767131.08        1.14456  (10052724)               397358.26
 3767131.08        0.66154  (10052724)
       397398.26   3767131.08        0.44609  (10052724)               397438.26
 3767131.08        0.37478  (16022424)
       397478.26   3767131.08        0.33385  (16022424)               397518.26
 3767131.08        0.30257  (16022424)
       397558.26   3767131.08        0.27328  (16022424)               397598.26
 3767131.08        0.24667  (16022424)
       397638.26   3767131.08        0.22224  (16022424)               397678.26
 3767131.08        0.19630  (16022424)
       397718.26   3767131.08        0.17192  (16022424)               396558.26
 3767171.08        0.10660  (11021824)
       396598.26   3767171.08        0.12374  (11110224)               396638.26
 3767171.08        0.14378  (11110224)
       396678.26   3767171.08        0.16529  (11110224)               396718.26
 3767171.08        0.19071  (11110224)
       396758.26   3767171.08        0.22509  (11110224)               396798.26
 3767171.08        0.27107  (11110224)
       396838.26   3767171.08        0.32045  (10100524)               396878.26
 3767171.08        0.39900  (10032524)
       396918.26   3767171.08        0.49689  (10032524)               397438.26
 3767171.08        0.44286  (16022424)
       397478.26   3767171.08        0.38563  (16022424)               397518.26
 3767171.08        0.34073  (16022424)
       397558.26   3767171.08        0.30152  (16022424)               397598.26
 3767171.08        0.26609  (16022424)
       397638.26   3767171.08        0.23346  (16022424)               397678.26
 3767171.08        0.20337  (16022424)
       397718.26   3767171.08        0.17894  (10110824)               396558.26
 3767211.08        0.09414  (10021924)
       396598.26   3767211.08        0.10812  (10112524)               396638.26
 3767211.08        0.12324  (10021924)
       396678.26   3767211.08        0.14171  (10021924)               396718.26
 3767211.08        0.15971  (10021924)
       396758.26   3767211.08        0.18865  (15021124)               396798.26
 3767211.08        0.21735  (10021924)
       396838.26   3767211.08        0.26730  (11111824)               396878.26
 3767211.08        0.33990  (10112524)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE 109
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  GENERATO ***
                                    INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
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                EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        396918.26   3767211.08        0.41396  (12122524)               396958.26
 3767211.08        0.49661  (12012324)
        397438.26   3767211.08        0.51336  (10102524)               397478.26
 3767211.08        0.43546  (10102524)
        397518.26   3767211.08        0.37197  (12122724)               397558.26
 3767211.08        0.32172  (12122724)
        397598.26   3767211.08        0.28107  (12122724)               397638.26
 3767211.08        0.24191  (12122724)
        397678.26   3767211.08        0.20948c (16032224)               397718.26
 3767211.08        0.18160  (12122724)
        396558.26   3767251.08        0.10171c (11112424)               396598.26
 3767251.08        0.11621c (11112424)
        396638.26   3767251.08        0.13266c (11112424)               396678.26
 3767251.08        0.15174c (11112424)
        396718.26   3767251.08        0.16687c (11112424)               396758.26
 3767251.08        0.18097c (11112424)
        396798.26   3767251.08        0.21058  (11020924)               396838.26
 3767251.08        0.24678  (16122624)
        396878.26   3767251.08        0.30144  (10021924)               396918.26
 3767251.08        0.35341c (11112424)
        396958.26   3767251.08        0.39324  (11010324)               396998.26
 3767251.08        0.55557  (15021724)
        397038.26   3767251.08        0.53812  (11020924)               397078.26
 3767251.08        0.60796  (11021724)
        397118.26   3767251.08        1.32267  (11062724)               397318.26
 3767251.08        1.04795  (15042724)
        397358.26   3767251.08        0.73379  (11062924)               397398.26
 3767251.08        0.62013  (15111624)
        397438.26   3767251.08        0.49528  (15110424)               397478.26
 3767251.08        0.41916  (15122524)
        397518.26   3767251.08        0.34630  (10123024)               397558.26
 3767251.08        0.28085  (12050324)
        397598.26   3767251.08        0.24177  (12122724)               397638.26
 3767251.08        0.21423  (12122724)
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       397678.26   3767251.08        0.18838  (12122724)               397718.26
 3767251.08        0.16487  (12122724)
       396558.26   3767291.08        0.09769  (10101424)               396598.26
 3767291.08        0.11568  (10101424)
       396638.26   3767291.08        0.13560  (10101424)               396678.26
 3767291.08        0.15255  (15021724)
       396718.26   3767291.08        0.16998  (15021724)               396758.26
 3767291.08        0.18578c (11112424)
       396798.26   3767291.08        0.20424c (11112424)               396838.26
 3767291.08        0.23207  (11010324)
       396878.26   3767291.08        0.27983  (10061624)               396918.26
 3767291.08        0.32798  (10111924)
       396958.26   3767291.08        0.39645  (12112924)               396998.26
 3767291.08        0.48205  (10121624)
       397038.26   3767291.08        0.75500  (10021924)               397078.26
 3767291.08        0.94649  (10082724)
       397118.26   3767291.08        0.92296m (10052024)               397158.26
 3767291.08        1.37962m (11050924)
       397278.26   3767291.08        1.40891  (11090224)               397318.26
 3767291.08        1.32517  (11090224)
       397358.26   3767291.08        0.86289  (16070424)               397398.26
 3767291.08        0.69024  (16052524)
       397438.26   3767291.08        0.54132  (15072124)               397478.26
 3767291.08        0.42489  (15072224)
       397518.26   3767291.08        0.34675  (15072124)               397558.26
 3767291.08        0.28813  (10123024)
       397598.26   3767291.08        0.24111  (11072924)               397638.26
 3767291.08        0.21272b (12091224)
       397678.26   3767291.08        0.18037  (12030724)               397718.26
 3767291.08        0.15701  (12030724)
       396558.26   3767331.08        0.09967  (10112524)               396598.26
 3767331.08        0.11344  (15021724)
       396638.26   3767331.08        0.12444  (15021724)               396678.26
 3767331.08        0.13760  (10112524)
       396718.26   3767331.08        0.16290c (11112424)               396758.26
 3767331.08        0.17740  (10101424)
       396798.26   3767331.08        0.19764  (11010324)               396838.26
 3767331.08        0.23413  (10051824)
       396878.26   3767331.08        0.28722  (10051824)               396918.26
 3767331.08        0.31693  (10121624)
       396958.26   3767331.08        0.37688  (10020324)               396998.26
 3767331.08        0.45978  (11020324)
       397038.26   3767331.08        0.61513  (10072124)               397078.26
 3767331.08        0.87520  (10060124)
       397118.26   3767331.08        1.17771  (16090724)               397158.26
 3767331.08        1.50413m (11070424)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397198.26	3767331.08	1.40615m	(12041024)	397238.26	3767331.08	1.54211	(11071224)
397278.26	3767331.08	1.37851c	(16082924)	397318.26	3767331.08	1.06939	(11070724)
397358.26	3767331.08	0.92195m	(12081624)	397398.26	3767331.08	0.72772	(16052524)
397438.26	3767331.08	0.58741	(15110424)	397478.26	3767331.08	0.49002	(16052524)
397518.26	3767331.08	0.39973	(16052524)	397558.26	3767331.08	0.32881	(16052524)
397598.26	3767331.08	0.26953	(16052524)	397638.26	3767331.08	0.22460	(16052524)
397678.26	3767331.08	0.19006	(10123024)	397718.26	3767331.08	0.16604	(15111024)
396558.26	3767371.08	0.09367	(11010324)	396598.26	3767371.08	0.10717	(11010324)
396638.26	3767371.08	0.12109	(10101424)	396678.26	3767371.08	0.13760	(10061624)
396718.26	3767371.08	0.15812	(10051824)	396758.26	3767371.08	0.18043	(10051824)
396798.26	3767371.08	0.20225	(11111824)	396838.26	3767371.08	0.22016	(10020324)
396878.26	3767371.08	0.26535	(10020324)	396918.26	3767371.08	0.30426	(10051824)
396958.26	3767371.08	0.35609	(15051324)	396998.26	3767371.08	0.43041	(10100524)

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       397038.26   3767371.08        0.55515  (10122224)               397078.26
3767371.08        0.68302  (10082724)
       397118.26   3767371.08        0.84507  (11051324)               397158.26
3767371.08        1.02985m (10102024)
       397198.26   3767371.08        1.04529  (12102224)               397238.26
3767371.08        1.03384  (11082624)
       397278.26   3767371.08        0.96332  (16061324)               397318.26
3767371.08        0.92613m (12080124)
       397358.26   3767371.08        0.85251  (16121624)               397398.26
3767371.08        0.73157m (12081624)
       397438.26   3767371.08        0.58779  (12050324)               397478.26
3767371.08        0.49205m (11072524)
       397518.26   3767371.08        0.41346  (15110424)               397558.26
3767371.08        0.35990  (16052524)
       397598.26   3767371.08        0.30113  (16052524)               397638.26
3767371.08        0.25259  (16052524)
       397678.26   3767371.08        0.21006  (16052524)               397718.26
3767371.08        0.18110  (11042024)
       396558.26   3767411.08        0.09445  (10111924)               396598.26
3767411.08        0.10646  (11010324)
       396638.26   3767411.08        0.11835  (12122524)               396678.26
3767411.08        0.13637  (10051824)
       396718.26   3767411.08        0.15609  (10051824)               396758.26
3767411.08        0.17375  (10010724)
       396798.26   3767411.08        0.18796  (15051324)               396838.26
3767411.08        0.21368  (10020324)
       396878.26   3767411.08        0.25271  (10100624)               396918.26
3767411.08        0.29808m (10102024)
       396958.26   3767411.08        0.33635  (10061524)               396998.26
3767411.08        0.40821  (10040924)
       397038.26   3767411.08        0.51197b (12052424)               397078.26
3767411.08        0.59483  (10072124)
       397118.26   3767411.08        0.70234  (10082624)               397158.26
3767411.08        0.78761  (16062124)
       397198.26   3767411.08        0.84994  (16061024)               397238.26
3767411.08        0.86862  (11081024)
       397278.26   3767411.08        0.82354  (15052224)               397318.26
3767411.08        0.77291  (15052224)
       397358.26   3767411.08        0.71857  (11070724)               397398.26
3767411.08        0.65581  (12102224)
       397438.26   3767411.08        0.57498  (12110924)               397478.26
3767411.08        0.48422  (10110924)
       397518.26   3767411.08        0.41494  (16052524)               397558.26
3767411.08        0.34961  (12101924)
       397598.26   3767411.08        0.30354  (15110424)               397638.26
3767411.08        0.26551  (16052524)
       397678.26   3767411.08        0.22618  (16052524)               397718.26
3767411.08        0.19169  (16052524)
       396558.26   3767451.08        0.09017  (11010324)               396598.26
3767451.08        0.09937  (10051824)
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396798.26	3767451.08	0.18202	(10122224)	396838.26	3767451.08	0.20524	(10061624)
396878.26	3767451.08	0.25706	(11021624)	396918.26	3767451.08	0.28839	(10011824)
396958.26	3767451.08	0.32291	(10040924)	396998.26	3767451.08	0.37160	(10051724)
397038.26	3767451.08	0.45051	(10072124)	397078.26	3767451.08	0.50646	(10072224)
397118.26	3767451.08	0.58682	(10082624)	397158.26	3767451.08	0.66633	(10061124)
397198.26	3767451.08	0.71501b	(12052424)	397238.26	3767451.08	0.75006m	(11070424)
397278.26	3767451.08	0.70512	(15052224)	397318.26	3767451.08	0.66292	(16121624)
397358.26	3767451.08	0.61092	(11051824)	397398.26	3767451.08	0.56578	(11051824)
397438.26	3767451.08	0.51713b	(11100324)	397478.26	3767451.08	0.46563m	(12081624)

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       397518.26   3767451.08        0.40376  (16051724)               397558.26
3767451.08        0.35249  (10110924)
       397598.26   3767451.08        0.30386  (16052524)               397638.26
3767451.08        0.25917  (16102524)
       397678.26   3767451.08        0.22526  (16102524)               397718.26
3767451.08        0.19722  (16052524)
       396558.26   3767491.08        0.08414  (10010724)               396598.26
3767491.08        0.09353  (11111824)
       396638.26   3767491.08        0.10714  (15051324)               396678.26
3767491.08        0.11852  (10020324)
       396718.26   3767491.08        0.13467  (10112424)               396758.26
3767491.08        0.14987  (11032824)
       396798.26   3767491.08        0.18136  (12041324)               396838.26
3767491.08        0.22443  (11021624)
       396878.26   3767491.08        0.24432  (10111924)               396918.26
3767491.08        0.27081  (11021624)
       396958.26   3767491.08        0.30471m (10052024)               396998.26
3767491.08        0.34506  (10062124)
       397038.26   3767491.08        0.40298  (10062124)               397078.26
3767491.08        0.44372  (10072224)
       397118.26   3767491.08        0.49175  (11051324)               397158.26
3767491.08        0.57754  (12070424)
       397198.26   3767491.08        0.63616  (11051324)               397238.26
3767491.08        0.63392m (11030124)
       397278.26   3767491.08        0.61995  (15050724)               397318.26
3767491.08        0.57524  (11082624)
       397358.26   3767491.08        0.53522  (11082624)               397398.26
3767491.08        0.50355m (11050924)
       397438.26   3767491.08        0.45955  (11042024)               397478.26
3767491.08        0.41619b (11100324)
       397518.26   3767491.08        0.38046m (12081624)               397558.26
3767491.08        0.33640  (16051724)
       397598.26   3767491.08        0.29508b (11100324)               397638.26
3767491.08        0.25353  (12101924)
       397678.26   3767491.08        0.22343  (16052524)               397718.26
3767491.08        0.19535  (16102524)
       396558.26   3767531.08        0.08122  (10010724)               396598.26
3767531.08        0.08900  (10010724)
       396638.26   3767531.08        0.10298  (10112424)               396678.26
3767531.08        0.11646  (11021624)
       396718.26   3767531.08        0.13262  (10061624)               396758.26
3767531.08        0.15673  (12041324)
       396798.26   3767531.08        0.18836  (10111924)               396838.26
3767531.08        0.20275  (10111924)
       396878.26   3767531.08        0.22493m (10030824)               396918.26
3767531.08        0.25122  (10040924)
       396958.26   3767531.08        0.28587m (10052024)               396998.26
3767531.08        0.32698m (10052024)
       397038.26   3767531.08        0.36599m (10052024)               397078.26
3767531.08        0.39136  (10072124)
```

*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: GENERATO ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397118.26	3767531.08	0.42776	(11030724)	397158.26	3767531.08	0.49126	(11090924)
397198.26	3767531.08	0.54551	(16062124)	397238.26	3767531.08	0.54218	(10091524)
397278.26	3767531.08	0.53980m	(11070424)	397318.26	3767531.08	0.52049	(15050724)
397358.26	3767531.08	0.47043	(15050724)	397398.26	3767531.08	0.43666	(11051824)
397438.26	3767531.08	0.41478m	(11050924)	397478.26	3767531.08	0.37289	(11101824)
397518.26	3767531.08	0.33753	(11070724)	397558.26	3767531.08	0.31119m	(12081624)
397598.26	3767531.08	0.27819	(16051724)	397638.26	3767531.08	0.24537	(10110924)
397678.26	3767531.08	0.21638	(16061324)	397718.26	3767531.08	0.18790	(16052524)
397320.82	3767219.11	1.43791	(10110824)	397330.82	3767209.11	1.48851	(12122724)
397340.82	3767189.11	1.37514b	(12091224)	397340.82	3767199.11	1.45298	(10102524)
397340.82	3767209.11	1.45077	(10102524)	397350.82	3767189.11	1.25886b	(12091224)

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       397350.82   3767199.11        1.27911b (12091224)               397360.82
 3767189.11        0.98759b (12091224)
       397360.82   3767199.11        0.99883b (12091224)               397370.82
 3767189.11        0.73958  (10052724)
       397380.82   3767189.11        0.58987  (16102824)               396934.73
 3767169.52        0.53670  (12112924)
       397014.53   3767229.60        0.76951  (11110224)               397044.10
 3767223.97        0.77713  (10021924)
       397113.57   3767239.93        1.41161  (11062724)               397158.63
 3767280.29        1.60811  (16062724)
       397168.95   3767307.05        1.16705m (10102024)               397244.05
 3767296.72        1.32268c (16082924)
       397260.95   3767278.88        1.29569  (16081224)               397409.74
 3767205.66        0.58729  (16102824)
       397422.89   3767189.23        0.49000  (16102824)               397426.64
 3767180.78        0.46594  (16022424)
       397420.54   3767170.46        0.47338  (16022424)               397318.68
 3767160.13        1.12256  (10102524)
       397022.98   3767083.62        1.95813  (15010624)               396920.42
 3767167.32        0.50441  (10032524)
       396989.95   3767243.54        0.54306c (11112424)               397044.10
 3767223.97        0.77713  (10021924)
       397113.57   3767239.93        1.41161  (11062724)               397158.63
 3767280.29        1.60811  (16062724)
       397168.95   3767307.05        1.16705m (10102024)               397244.05
 3767296.72        1.32268c (16082924)
       397260.95   3767278.88        1.29569  (16081224)               397409.74
 3767205.66        0.58729  (16102824)
       397422.89   3767189.23        0.49000  (16102824)               397426.64
 3767180.78        0.46594  (16022424)
       397420.54   3767170.46        0.47338  (16022424)               397318.68
 3767160.13        1.12256  (10102524)
       397022.98   3767083.62        1.95813  (15010624)

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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                                   PAGE 113
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM-10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3766771.08	3.05500	(15122324)	396598.26	3766771.08	3.32446	(15122324)
396638.26	3766771.08	3.67821	(11121924)	396678.26	3766771.08	3.98252	(11121924)
396718.26	3766771.08	4.31773m	(16010624)	396758.26	3766771.08	4.67772m	(16010624)
396798.26	3766771.08	5.01531m	(16010624)	396838.26	3766771.08	5.37069	(16121124)
396878.26	3766771.08	5.76169	(16121124)	396918.26	3766771.08	6.14614	(16121124)
396958.26	3766771.08	6.40188	(16112724)	396998.26	3766771.08	6.68807m	(10012224)
397038.26	3766771.08	6.90332m	(10012224)	397078.26	3766771.08	7.03314m	(10012224)
397118.26	3766771.08	7.01191	(16121224)	397158.26	3766771.08	6.94180m	(15051024)
397198.26	3766771.08	6.80566m	(15051024)	397238.26	3766771.08	6.60614m	(15051024)
397278.26	3766771.08	6.34961m	(15051024)	397318.26	3766771.08	6.04808m	(15051024)
397358.26	3766771.08	5.71325m	(15051024)	397398.26	3766771.08	5.36454m	(15051024)
397438.26	3766771.08	5.00862m	(15051024)	397478.26	3766771.08	4.65912m	(15051024)
397518.26	3766771.08	4.32245m	(15051024)	397558.26	3766771.08	4.00323m	(15051024)
397598.26	3766771.08	3.70501m	(15051024)	397638.26	3766771.08	3.42912m	(15051024)
397678.26	3766771.08	3.17539m	(15051024)	397718.26	3766771.08	2.94263m	(15051024)
396558.26	3766811.08	3.23416	(15122024)	396598.26	3766811.08	3.52685	(15122324)
396638.26	3766811.08	3.91827	(16112724)	396678.26	3766811.08	4.37130	(16112724)
396718.26	3766811.08	4.74908	(11121924)	396758.26	3766811.08	5.11747m	(16010624)
396798.26	3766811.08	5.59107m	(16010624)	396838.26			

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 3766811.08        6.06769m (16010624)
       396878.26   3766811.08        6.56526  (16121124)               396918.26
 3766811.08        7.08205  (16121124)
       396958.26   3766811.08        7.52941  (16112724)               396998.26
 3766811.08        7.83374m (10012224)
       397038.26   3766811.08        8.13227m (10012224)               397078.26
 3766811.08        8.31083m (10012224)
       397118.26   3766811.08        8.33158  (16121224)               397158.26
 3766811.08        8.25655  (16121224)
       397198.26   3766811.08        8.04115  (16121224)               397238.26
 3766811.08        7.72630  (16121224)
       397278.26   3766811.08        7.35078  (16121224)               397318.26
 3766811.08        6.93894m (15051024)
       397358.26   3766811.08        6.49917m (15051024)               397398.26
 3766811.08        6.04439m (15051024)
       397438.26   3766811.08        5.59034m (15051024)               397478.26
 3766811.08        5.15248m (15051024)
       397518.26   3766811.08        4.73734m (15051024)               397558.26
 3766811.08        4.35103m (15051024)
       397598.26   3766811.08        3.99619m (15051024)               397638.26
 3766811.08        3.67296m (15051024)
       397678.26   3766811.08        3.38014m (15051024)               397718.26
 3766811.08        3.11555m (15051024)
       396558.26   3766851.08        3.39497  (15122024)               396598.26
 3766851.08        3.74543  (15122324)
       396638.26   3766851.08        4.13810  (15122324)               396678.26
 3766851.08        4.63563  (16112724)
       396718.26   3766851.08        5.20533  (16112724)               396758.26
 3766851.08        5.73015  (11121924)
       396798.26   3766851.08        6.26728  (11121924)               396838.26
 3766851.08        6.89316  (15122324)
       396878.26   3766851.08        7.55322  (16121124)               396918.26
 3766851.08        8.24910  (16121124)
       396958.26   3766851.08        8.92406  (16121124)               396998.26
 3766851.08        9.34977  (16112724)
       397038.26   3766851.08        9.73345m (10012224)               397078.26
 3766851.08       10.01345m (10012224)
       397118.26   3766851.08       10.10368  (15122024)               397158.26
 3766851.08        9.96451  (16121224)
       397198.26   3766851.08        9.66475  (16121224)               397238.26
 3766851.08        9.23421  (16121224)
       397278.26   3766851.08        8.69100  (16121224)               397318.26
 3766851.08        8.07140  (16121224)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                  PAGE 114
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE 8TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397358.26	3766851.08	7.46252	(16121224)	397398.26	3766851.08	6.85601	(16121224)
397438.26	3766851.08	6.26788	(16121224)	397478.26	3766851.08	5.71351m	(15051024)
397518.26	3766851.08	5.19952m	(15051024)	397558.26	3766851.08	4.73084m	(15051024)
397598.26	3766851.08	4.30828m	(15051024)	397638.26	3766851.08	3.92994m	(15051024)
397678.26	3766851.08	3.59239m	(15051024)	397718.26	3766851.08	3.29178m	(15051024)
396558.26	3766891.08	3.56268	(16121124)	396598.26	3766891.08	3.93895	(15122024)
396638.26	3766891.08	4.41860	(15122324)	396678.26	3766891.08	4.95732	(15122324)
396718.26	3766891.08	5.60130	(16112724)	396758.26	3766891.08	6.37168	(16112724)
396798.26	3766891.08	7.15719	(11121924)	396838.26	3766891.08	7.91986	(11121924)
396878.26	3766891.08	8.79734	(15122324)	396918.26	3766891.08	9.72347	(16121124)
396958.26	3766891.08	10.69901	(16121124)	396998.26	3766891.08	11.46677	(16112724)
397038.26	3766891.08	11.91091c	(16012024)	397078.26	3766891.08	12.37318m	(10012224)
397118.26	3766891.08	12.49555m	(10012224)	397158.26	3766891.08	12.24055	(16121224)
397198.26	3766891.08	11.83621	(16121224)	397238.26	3766891.08	11.19275	(16121224)

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       397278.26   3766891.08       10.42517  (16121224)               397318.26
3766891.08        9.58324  (16121224)
       397358.26   3766891.08        8.69525  (16121224)               397398.26
3766891.08        7.84119  (16121224)
       397438.26   3766891.08        7.06380  (16121224)               397478.26
3766891.08        6.35177  (16121224)
       397518.26   3766891.08        5.71164m (15051024)               397558.26
3766891.08        5.14178m (15051024)
       397598.26   3766891.08        4.63895m (15051024)               397638.26
3766891.08        4.19711m (15051024)
       397678.26   3766891.08        3.80941m (15051024)               397718.26
3766891.08        3.46960m (15051024)
       396558.26   3766931.08        3.75737  (16121124)               396598.26
3766931.08        4.16245  (16121124)
       396638.26   3766931.08        4.69080  (15122024)               396678.26
3766931.08        5.31905  (15122324)
       396718.26   3766931.08        6.03659  (15122324)               396758.26
3766931.08        6.94836  (16112724)
       396798.26   3766931.08        8.06034  (16112724)               396838.26
3766931.08        9.25021c (16011024)
       396878.26   3766931.08       10.39462  (11121924)               396918.26
3766931.08       11.67454  (15122324)
       396958.26   3766931.08       13.10471  (16121124)               396998.26
3766931.08       14.43573  (16112724)
       397038.26   3766931.08       15.17014c (16012024)               397078.26
3766931.08       15.75430  (16121224)
       397118.26   3766931.08       15.89033  (16121224)               397158.26
3766931.08       15.53473  (16121224)
       397198.26   3766931.08       14.83267  (16121224)               397238.26
3766931.08       13.85499  (16121224)
       397278.26   3766931.08       12.69292  (16121224)               397318.26
3766931.08       11.48103  (16121224)
       397358.26   3766931.08       10.28995  (16121224)               397398.26
3766931.08        9.10092  (16121224)
       397438.26   3766931.08        8.01665  (16121224)               397478.26
3766931.08        7.08453  (16121224)
       397518.26   3766931.08        6.28249  (16121224)               397558.26
3766931.08        5.58098m (15051024)
       397598.26   3766931.08        4.98325m (15051024)               397638.26
3766931.08        4.46942m (15051024)
       397678.26   3766931.08        4.02667m (15051024)               397718.26
3766931.08        3.64619m (15051024)
       396558.26   3766971.08        3.94227  (16121124)               396598.26
3766971.08        4.39859  (16121124)
       396638.26   3766971.08        4.96425  (16121124)               396678.26
3766971.08        5.64289  (16121124)
       396718.26   3766971.08        6.53420  (15122324)               396758.26
3766971.08        7.55739  (15122324)
       396798.26   3766971.08        8.91096  (16112724)               396838.26
3766971.08       10.61498  (16121324)
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396958.26	3766971.08	16.53645	(16121124)	396998.26	3766971.08	18.74582	(15122324)
397038.26	3766971.08	20.20058	(16112724)	397078.26	3766971.08	21.00235c	(16012024)
397118.26	3766971.08	21.00222	(16121224)	397158.26	3766971.08	20.31028	(16121224)
397198.26	3766971.08	19.05667m	(10012224)	397238.26	3766971.08	17.52548m	(10012224)
397278.26	3766971.08	15.78177	(16121224)	397318.26	3766971.08	13.98890	(16121224)
397358.26	3766971.08	12.01408c	(16011024)	397398.26	3766971.08	10.28709	(15013124)
397438.26	3766971.08	9.15916	(16121224)	397478.26	3766971.08	7.92271	(16121224)
397518.26	3766971.08	6.89958	(16121224)	397558.26	3766971.08	6.04485	(16121224)
397598.26	3766971.08	5.33347m	(15051024)	397638.26	3766971.08	4.73952m	(15051024)
397678.26	3766971.08	4.23722m	(15051024)	397718.26			

3766971.08 3.81480m (15051024)
396558.26 3767011.08 4.11425 (16121124) 396598.26
3767011.08 4.60906 (16121124)
396638.26 3767011.08 5.23870 (16121124) 396678.26
3767011.08 6.01872 (16121124)
396718.26 3767011.08 6.98646 (16121124) 396758.26
3767011.08 8.25947 (15122024)
396798.26 3767011.08 9.84648 (15122324) 396838.26
3767011.08 12.01738 (16112724)
396878.26 3767011.08 14.86024 (16121324) 396918.26
3767011.08 18.22564 (16121324)
396958.26 3767011.08 21.74722 (11121924) 396998.26
3767011.08 25.70870 (15122324)
397038.26 3767011.08 28.56660 (16112724) 397078.26
3767011.08 29.81193c (16012024)
397118.26 3767011.08 29.39209c (16012024) 397158.26
3767011.08 27.76995c (16012024)
397198.26 3767011.08 25.48070c (16012024) 397238.26
3767011.08 22.81459m (10012224)
397278.26 3767011.08 20.10756m (10012224) 397318.26
3767011.08 17.37106m (10012224)
397358.26 3767011.08 14.35487 (10013024) 397398.26
3767011.08 12.01389 (10010924)
397438.26 3767011.08 10.28785m (10012224) 397478.26
3767011.08 8.83383 (16121224)
397518.26 3767011.08 7.54568 (16121224) 397558.26
3767011.08 6.51543 (16121224)
397598.26 3767011.08 5.67990 (16121224) 397638.26
3767011.08 4.99924m (15051024)
397678.26 3767011.08 4.43646m (15051024) 397718.26
3767011.08 3.97078m (15051024)
396558.26 3767051.08 4.25126 (12122524) 396598.26
3767051.08 4.80941 (16121124)
396638.26 3767051.08 5.47958 (16121124) 396678.26
3767051.08 6.35437 (16121124)
396718.26 3767051.08 7.46745 (16121124) 396758.26
3767051.08 8.92155 (16121124)
396798.26 3767051.08 10.88893 (16121124) 396838.26
3767051.08 13.60349 (16121124)
396878.26 3767051.08 17.51803 (16112724) 396918.26
3767051.08 23.29164 (16112724)
396958.26 3767051.08 30.72613 (16112724) 396998.26
3767051.08 39.13884 (12122524)
397038.26 3767051.08 45.81000c (16012024) 397078.26
3767051.08 47.02253c (16012024)
397118.26 3767051.08 44.70512c (16012024) 397158.26
3767051.08 40.77943c (16012024)
397198.26 3767051.08 36.25720c (16012024) 397238.26
3767051.08 31.49239c (16012024)
397278.26 3767051.08 26.79056 (15013124) 397318.26

 3767051.08   22.14665 (15013124)
       397358.26   3767051.08   17.58711 (15013124)   397398.26
 3767051.08   14.18790 (11011024)
       397438.26   3767051.08   12.05088 (16121324)   397478.26
 3767051.08   9.70906 (15013124)
       397518.26   3767051.08   8.22331 (15013124)   397558.26
 3767051.08   7.00210 (15013124)
       397598.26   3767051.08   6.03480 (15013124)   397638.26
 3767051.08   5.26120 (15013124)
       397678.26   3767051.08   4.63470 (15013124)   397718.26
 3767051.08   4.12161 (15013124)

 *** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: AREA   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        396558.26   3767091.08   4.33609m (10012224)   396598.26
 3767091.08   4.92467 (11112024)
       396638.26   3767091.08   5.68556 (12122524)   396678.26
 3767091.08   6.61445 (16121124)
       396718.26   3767091.08   7.85910 (16121124)   396758.26
 3767091.08   9.53071 (16121124)
       396798.26   3767091.08   11.86795 (16121124)   396838.26
 3767091.08   15.28926 (15122324)
       396878.26   3767091.08   20.74153 (15122024)   396918.26
 3767091.08   30.10981 (16121124)

```
       396958.26   3767091.08       46.46074  (16121324)                396998.26
3767091.08       77.33942  (15122024)
       397078.26   3767091.08       92.13244  (15122024)                397118.26
3767091.08       79.68769c (16012024)
       397158.26   3767091.08       67.62248c (16012024)                397198.26
3767091.08       56.80521  (15122024)
       397238.26   3767091.08       47.04973  (15013124)                397278.26
3767091.08       38.54739  (15013124)
       397318.26   3767091.08       30.03737  (16121224)                397358.26
3767091.08       22.23423  (16121224)
       397398.26   3767091.08       17.28047  (16121324)                397438.26
3767091.08       13.47100  (16121324)
       397478.26   3767091.08       10.94075b (11111524)                397518.26
3767091.08        8.91525  (16121324)
       397558.26   3767091.08        7.46798  (16121324)                397598.26
3767091.08        6.38820  (15102924)
       397638.26   3767091.08        5.50677  (15013124)                397678.26
3767091.08        4.81958  (15013124)
       397718.26   3767091.08        4.25655m (10012224)                396558.26
3767131.08        4.43262m (10012224)
       396598.26   3767131.08        5.03871m (10012224)                396638.26
3767131.08        5.80381  (11112024)
       396678.26   3767131.08        6.75003  (11112024)                396718.26
3767131.08        8.08186  (12122524)
       396758.26   3767131.08        9.94791  (16121124)                396798.26
3767131.08       12.57936  (15122324)
       396838.26   3767131.08       16.60636  (15122324)                396878.26
3767131.08       23.64954  (15122324)
       396918.26   3767131.08       38.48026  (15122324)                396958.26
3767131.08       80.82158  (15100524)
       397238.26   3767131.08       85.64930  (16121224)                397278.26
3767131.08       66.23849  (15013124)
       397318.26   3767131.08       46.22708  (15013124)                397358.26
3767131.08       29.08773  (15122324)
       397398.26   3767131.08       20.17707  (16121324)                397438.26
3767131.08       14.91838  (16121324)
       397478.26   3767131.08       11.98846  (15122524)                397518.26
3767131.08        9.61006m (15020724)
       397558.26   3767131.08        8.00519  (10112824)                397598.26
3767131.08        6.69758m (10042924)
       397638.26   3767131.08        5.70512  (16121124)                397678.26
3767131.08        4.93481c (16011024)
       397718.26   3767131.08        4.34451c (16011024)                396558.26
3767171.08        4.46661  (11121924)
       396598.26   3767171.08        5.10508m (10012224)                396638.26
3767171.08        5.87535m (10012224)
       396678.26   3767171.08        6.80844m (10012224)                396718.26
3767171.08        8.09011  (11112024)
       396758.26   3767171.08        9.96192  (11112024)                396798.26
3767171.08       12.78372  (11112024)
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       396838.26   3767171.08       17.15125  (12122524)                396878.26
 3767171.08       25.18688c (16011024)
       396918.26   3767171.08       44.30652  (12122524)                397438.26
 3767171.08       15.95823  (15013124)
       397478.26   3767171.08       12.23225  (15102924)                397518.26
 3767171.08        9.85996  (16121324)
       397558.26   3767171.08        8.08142c (16032224)                397598.26
 3767171.08        6.81040c (16011924)
       397638.26   3767171.08        5.80383  (15013024)                397678.26
 3767171.08        5.03272  (15013024)
       397718.26   3767171.08        4.42356  (15122324)                396558.26
 3767211.08        4.43602m (15051024)
       396598.26   3767211.08        5.04622m (15051024)                396638.26
 3767211.08        5.80689  (16121224)
       396678.26   3767211.08        6.78378  (16121224)                396718.26
 3767211.08        7.98768  (16121224)
       396758.26   3767211.08        9.68243  (16121224)                396798.26
 3767211.08       12.21223  (16121224)
       396838.26   3767211.08       16.18258  (16121224)                396878.26
 3767211.08       22.93306  (11013024)
♠ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE 117
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396918.26   3767211.08       36.42905  (15122324)                396958.26
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3767211.08       63.91450  (10122324)
       397438.26   3767211.08       16.89654  (16121224)                397478.26
3767211.08       12.88017  (16121224)
       397518.26   3767211.08        9.96769  (15013124)                397558.26
3767211.08        8.37676  (15013124)
       397598.26   3767211.08        6.96128c (16011924)                397638.26
3767211.08        5.95568c (16011924)
       397678.26   3767211.08        5.15940c (16011924)                397718.26
3767211.08        4.53558c (16011924)
       396558.26   3767251.08        4.39321m (15051024)                396598.26
3767251.08        4.98607m (15051024)
       396638.26   3767251.08        5.72633  (16121224)                396678.26
3767251.08        6.66630  (16121224)
       396718.26   3767251.08        7.84575  (16121224)                396758.26
3767251.08        9.37585m (10012224)
       396798.26   3767251.08       11.56885  (16121224)                396838.26
3767251.08       15.14980c (16011024)
       396878.26   3767251.08       20.42506c (16011024)                396918.26
3767251.08       27.58829  (10100624)
       396958.26   3767251.08       38.80050m (10012224)                396998.26
3767251.08       53.34593  (11111924)
       397038.26   3767251.08       64.13040b (11111524)                397078.26
3767251.08       85.66278  (16103124)
       397118.26   3767251.08      139.40020  (16100524)                397318.26
3767251.08       50.84640  (12050324)
       397358.26   3767251.08       33.03680c (15101724)                397398.26
3767251.08       21.85306  (15042424)
       397438.26   3767251.08       16.58783  (11061824)                397478.26
3767251.08       13.51270  (15060124)
       397518.26   3767251.08       11.58073  (15072224)                397558.26
3767251.08        9.16246  (15072224)
       397598.26   3767251.08        7.44678m (10042924)                397638.26
3767251.08        6.03697  (15013124)
       397678.26   3767251.08        5.27728  (16102524)                397718.26
3767251.08        4.61111  (16102524)
       396558.26   3767291.08        4.69854m (10050224)                396598.26
3767291.08        4.85234  (11121724)
       396638.26   3767291.08        5.42333  (11121724)                396678.26
3767291.08        6.38595  (15122324)
       396718.26   3767291.08        7.54089  (16121224)                396758.26
3767291.08        8.92221m (10012224)
       396798.26   3767291.08       10.91001c (16011024)                396838.26
3767291.08       13.58987c (16011024)
       396878.26   3767291.08       17.33417  (10121624)                396918.26
3767291.08       22.50231m (10121424)
       396958.26   3767291.08       29.75584m (10012224)                396998.26
3767291.08       33.14610  (10100424)
       397038.26   3767291.08       33.74758m (10121424)                397078.26
3767291.08       40.36303  (10111924)
       397118.26   3767291.08       57.00238  (11013024)                397158.26
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 3767291.08      106.79015  (16121224)
       397278.26   3767291.08       57.41485  (15122324)                397318.26
 3767291.08       42.04731  (12110924)
       397358.26   3767291.08       30.23940  (15072224)                397398.26
 3767291.08       21.06304  (15070624)
       397438.26   3767291.08       16.46325  (12050324)                397478.26
 3767291.08       13.89544  (12042324)
       397518.26   3767291.08       11.99777  (15060124)                397558.26
 3767291.08        9.67837  (12042324)
       397598.26   3767291.08        8.27660  (12042324)                397638.26
 3767291.08        7.04764  (15121424)
       397678.26   3767291.08        5.61573  (15072224)                397718.26
 3767291.08        4.60631m (15051024)
       396558.26   3767331.08        5.24240  (11042524)                396598.26
 3767331.08        5.62261  (11051024)
       396638.26   3767331.08        6.09892  (15021724)                396678.26
 3767331.08        6.03779  (16121324)
       396718.26   3767331.08        7.08187  (15122324)                396758.26
 3767331.08        8.40904c (16011024)
       396798.26   3767331.08        9.95393c (16011024)                396838.26
 3767331.08       12.04942c (16011024)
       396878.26   3767331.08       14.67253  (16121324)                396918.26
 3767331.08       19.45596  (11032824)
       396958.26   3767331.08       23.49247b (11111524)                396998.26
 3767331.08       27.45444m (10102024)
       397038.26   3767331.08       27.38403  (11031724)                397078.26
 3767331.08       30.09747m (10102124)
       397118.26   3767331.08       36.42124  (11013024)                397158.26
 3767331.08       46.27093  (10092224)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE 118
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397198.26	3767331.08	52.80583	(10100224)	397238.26	3767331.08	48.69049	(16061324)
397278.26	3767331.08	42.10481	(15101424)	397318.26	3767331.08	34.74330	(12050324)
397358.26	3767331.08	27.61660	(16091124)	397398.26	3767331.08	20.67238	(11060924)
397438.26	3767331.08	17.08384	(11060924)	397478.26	3767331.08	14.30989	(12050324)
397518.26	3767331.08	11.76226	(15042424)	397558.26	3767331.08	9.89000	(15060124)
397598.26	3767331.08	8.64733	(12110924)	397638.26	3767331.08	7.85680	(12082524)
397678.26	3767331.08	6.53468	(15111524)	397718.26	3767331.08	5.05064	(15121424)
396558.26	3767371.08	5.11631	(10111924)	396598.26	3767371.08	5.48152	(15021724)
396638.26	3767371.08	5.55689m	(10050224)	396678.26	3767371.08	5.74475	(12120824)
396718.26	3767371.08	6.75719m	(10012224)	396758.26	3767371.08	7.75150c	(16011024)
396798.26	3767371.08	9.00716c	(16011024)	396838.26	3767371.08	10.61619c	(16011024)
396878.26	3767371.08	12.70875	(16121324)	396918.26	3767371.08	16.69620	(10121624)
396958.26	3767371.08	19.52472	(10101924)	396998.26	3767371.08	22.91771	(10101924)
397038.26	3767371.08	22.73720	(10101724)	397078.26	3767371.08	23.81790	(11031724)
397118.26	3767371.08	27.28015	(11031724)	397158.26	3767371.08	29.71505	(10100224)
397198.26	3767371.08	33.67891	(10091424)	397238.26	3767371.08	34.66355	(15042124)
397278.26	3767371.08	32.34055	(10112024)	397318.26	3767371.08	28.64451	(16060524)
397358.26	3767371.08	25.36920	(16101624)	397398.26	3767371.08	20.16046	(16051724)
397438.26	3767371.08	17.09912	(15060724)	397478.26	3767371.08	14.51596	(12082524)
397518.26	3767371.08	12.61100	(12050324)	397558.26	3767371.08	10.74320	(15052924)
397598.26	3767371.08	9.20671	(15052924)	397638.26	3767371.08	8.13563	(15072924)

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       397678.26   3767371.08        7.23654  (15060124)               397718.26
 3767371.08        6.27992  (12082524)
       396558.26   3767411.08        4.85046  (11030824)               396598.26
 3767411.08        5.12222  (11020624)
       396638.26   3767411.08        4.98224  (12122524)               396678.26
 3767411.08        5.39575  (11013024)
       396718.26   3767411.08        6.27757  (15122324)               396758.26
 3767411.08        7.09932m (10012224)
       396798.26   3767411.08        8.16732  (11112024)               396838.26
 3767411.08        9.37244c (15101924)
       396878.26   3767411.08       10.91388  (16121324)               396918.26
 3767411.08       13.94735  (11013024)
       396958.26   3767411.08       16.91993  (10121624)               396998.26
 3767411.08       18.71672m (10060524)
       397038.26   3767411.08       18.32161  (11020424)               397078.26
 3767411.08       19.22905  (11020424)
       397118.26   3767411.08       21.10012  (11031724)               397158.26
 3767411.08       23.22060  (16121124)
       397198.26   3767411.08       25.88069  (10092224)               397238.26
 3767411.08       26.75191  (15061924)
       397278.26   3767411.08       25.62267m (15121024)               397318.26
 3767411.08       23.62938  (16061324)
       397358.26   3767411.08       22.02943  (16060524)               397398.26
 3767411.08       18.70816m (12050124)
       397438.26   3767411.08       16.53913  (16061324)               397478.26
 3767411.08       14.44777  (15060724)
       397518.26   3767411.08       12.67335  (11072824)               397558.26
 3767411.08       11.27155  (12050324)
       397598.26   3767411.08        9.93492  (15052924)               397638.26
 3767411.08        8.68799  (15052924)
       397678.26   3767411.08        7.50570  (15052924)               397718.26
 3767411.08        6.96169  (16121224)
       396558.26   3767451.08        4.74560  (11020324)               396598.26
 3767451.08        4.93653  (10072124)
       396638.26   3767451.08        4.66216  (11020324)               396678.26
 3767451.08        5.13449  (10121624)
       396718.26   3767451.08        5.77211  (10121624)               396758.26
 3767451.08        6.48148m (10012224)
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE 119
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  AREA     ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
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                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        396798.26   3767451.08        7.28433c (15101924)               396838.26
 3767451.08         8.29780c (15101924)
        396878.26   3767451.08        9.45484  (16121324)               396918.26
 3767451.08        11.78277  (10041124)
        396958.26   3767451.08       14.80140  (10101924)               396998.26
 3767451.08        16.72672  (10101724)
        397038.26   3767451.08       16.89726m (10102024)               397078.26
 3767451.08        17.10378  (10101524)
        397118.26   3767451.08       18.10996  (11020424)               397158.26
 3767451.08        18.79100  (10082624)
        397198.26   3767451.08       21.24960m (16123124)               397238.26
 3767451.08        21.91312m (16123124)
        397278.26   3767451.08       21.34731m (10102124)               397318.26
 3767451.08        19.91226  (16101624)
        397358.26   3767451.08       18.97812  (15071724)               397398.26
 3767451.08        16.41949m (12050124)
        397438.26   3767451.08       15.09626  (16061324)               397478.26
 3767451.08        13.79693  (16061324)
        397518.26   3767451.08       12.48869  (16051724)               397558.26
 3767451.08        11.28068  (11072824)
        397598.26   3767451.08       10.08123  (15052924)               397638.26
 3767451.08         9.13562  (11072824)
        397678.26   3767451.08        8.11551  (15052924)               397718.26
 3767451.08         7.27605  (15052924)
        396558.26   3767491.08        4.61259  (11021624)               396598.26
 3767491.08         4.66819  (11020624)
        396638.26   3767491.08        4.94902  (15021724)               396678.26
 3767491.08         5.50675  (11020324)
        396718.26   3767491.08        5.59105  (10100624)               396758.26
 3767491.08         5.93759  (15122324)
        396798.26   3767491.08        6.55390c (15101924)               396838.26
 3767491.08         7.35096c (15101924)
        396878.26   3767491.08        8.21220  (10121624)               396918.26
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 3767491.08       10.20245  (10041124)
       396958.26   3767491.08       12.68980  (11020424)               396998.26
 3767491.08       15.09454  (10101924)
       397038.26   3767491.08       14.96428  (10053124)               397078.26
 3767491.08       15.50041  (11031724)
       397118.26   3767491.08       15.64011  (11031724)               397158.26
 3767491.08       16.12583  (10101724)
       397198.26   3767491.08       17.94185  (15063024)               397238.26
 3767491.08       18.79131m (16123124)
       397278.26   3767491.08       18.43741  (11082724)               397318.26
 3767491.08       17.39845m (12120224)
       397358.26   3767491.08       16.25899  (16103024)               397398.26
 3767491.08       15.12575  (15101624)
       397438.26   3767491.08       13.76591m (12050124)               397478.26
 3767491.08       12.62434  (16072724)
       397518.26   3767491.08       11.77605  (15101624)               397558.26
 3767491.08       10.97188m (15070224)
       397598.26   3767491.08       10.19463m (12050124)               397638.26
 3767491.08        9.29572  (12050324)
       397678.26   3767491.08        8.32749  (15052924)               397718.26
 3767491.08        7.65004  (11072824)
       396558.26   3767531.08        4.55805  (11020624)               396598.26
 3767531.08        4.82842  (11020624)
       396638.26   3767531.08        5.22573  (10022824)               396678.26
 3767531.08        5.93962b (11111524)
       396718.26   3767531.08        5.90534  (11032824)               396758.26
 3767531.08        5.37100m (10012224)
       396798.26   3767531.08        5.90448c (15101924)               396838.26
 3767531.08        6.52041  (15122324)
       396878.26   3767531.08        7.36737  (10121624)               396918.26
 3767531.08        8.53846  (11111924)
       396958.26   3767531.08       10.76986  (11020424)               396998.26
 3767531.08       12.87632  (11032824)
       397038.26   3767531.08       13.64494  (10053124)               397078.26
 3767531.08       14.07571  (10101524)
       397118.26   3767531.08       13.82890m (10121424)               397158.26
 3767531.08       14.02138  (10082024)
       397198.26   3767531.08       15.27519  (16070224)               397238.26
 3767531.08       16.38676m (16123124)
       397278.26   3767531.08       16.06085  (11082724)               397318.26
 3767531.08       15.37095m (15121024)
       397358.26   3767531.08       14.42198m (15121024)               397398.26
 3767531.08       13.54929  (16101624)
       397438.26   3767531.08       12.27331  (12081524)               397478.26
 3767531.08       11.51489  (11073024)
       397518.26   3767531.08       10.99553  (12081524)               397558.26
 3767531.08       10.39815m (15070224)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397598.26	3767531.08	9.88140	(11060924)	397638.26	3767531.08	9.13962m	(12050124)
397678.26	3767531.08	8.37687	(12050324)	397718.26	3767531.08	7.56252	(12050324)
397320.82	3767219.11	66.42004	(15013024)	397330.82	3767209.11	59.56859c	(16012024)
397340.82	3767189.11	54.84653c	(16011024)	397340.82	3767199.11	52.19085	(16102524)
397340.82	3767209.11	49.44185c	(16012024)	397350.82	3767189.11	44.17493	(15013124)
397350.82	3767199.11	43.32492	(15122324)	397360.82	3767189.11	37.20079	(16102524)
397360.82	3767199.11	36.65549	(15122324)	397370.82	3767189.11	31.99417	(16121124)
397380.82	3767189.11	28.02502	(15121424)	396934.73	3767169.52	63.83086	(15100524)
397014.53	3767229.60	104.95519c	(16012024)	397044.10	3767223.97	140.13125	(16121224)
397113.57	3767239.93	150.52428c	(15101924)	397158.63	3767280.29	123.57445	(16100524)
397168.95	3767307.05	77.50164c	(16011024)	397244.05	3767296.72	80.91401	(16103124)
397260.95	3767278.88	86.14637	(16121124)	397409.74	3767205.66	20.82479	(16102524)

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       397422.89   3767189.23       18.30692  (16102524)                397426.64
 3767180.78       17.68552  (11102524)
       397420.54   3767170.46       18.43515  (16121324)                397318.68
 3767160.13       76.77350  (16121224)
       397022.98   3767083.62       81.47530  (15122024)                396920.42
 3767167.32       46.18032  (15122324)
       396989.95   3767243.54       56.80517  (15122324)                397044.10
 3767223.97      140.13125  (16121224)
       397113.57   3767239.93      150.52428c (15101924)                397158.63
 3767280.29      123.57445  (16100524)
       397168.95   3767307.05       77.50164c (16011024)                397244.05
 3767296.72       80.91401  (16103124)
       397260.95   3767278.88       86.14637  (16121124)                397409.74
 3767205.66       20.82479  (16102524)
       397422.89   3767189.23       18.30692  (16102524)                397426.64
 3767180.78       17.68552  (11102524)
       397420.54   3767170.46       18.43515  (16121324)                397318.68
 3767160.13       76.77350  (16121224)
       397022.98   3767083.62       81.47530  (15122024)

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE 121
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       396558.26   3766771.08        3.08265  (15122024)                396598.26
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3766771.08        3.36465  (15122324)
       396638.26   3766771.08        3.69227  (16112724)                396678.26
3766771.08        4.06194  (16112724)
       396718.26   3766771.08        4.43496c (16011024)                396758.26
3766771.08        4.79483c (16011024)
       396798.26   3766771.08        5.11642  (16050624)                396838.26
3766771.08        5.49862  (16050624)
       396878.26   3766771.08        5.88371c (16012024)                396918.26
3766771.08        6.21450  (15122324)
       396958.26   3766771.08        6.49980  (16121124)                396998.26
3766771.08        6.77738c (16012024)
       397038.26   3766771.08        6.92967c (16012024)                397078.26
3766771.08        7.03319m (10012224)
       397118.26   3766771.08        7.03782  (16121224)                397158.26
3766771.08        6.96334  (16121224)
       397198.26   3766771.08        6.82492  (16121224)                397238.26
3766771.08        6.62427  (16121224)
       397278.26   3766771.08        6.36687  (16121224)                397318.26
3766771.08        6.06442  (16121224)
       397358.26   3766771.08        5.72819  (16121224)                397398.26
3766771.08        5.37858  (16121224)
       397438.26   3766771.08        5.02141  (16121224)                397478.26
3766771.08        4.67102  (16121224)
       397518.26   3766771.08        4.33368  (16121224)                397558.26
3766771.08        4.01393  (16121224)
       397598.26   3766771.08        3.71543  (16121224)                397638.26
3766771.08        3.43946  (16121224)
       397678.26   3766771.08        3.18572  (16121224)                397718.26
3766771.08        2.95288  (16121224)
       396558.26   3766811.08        3.23416  (15122024)                396598.26
3766811.08        3.56917  (15122024)
       396638.26   3766811.08        3.95277  (15122324)                396678.26
3766811.08        4.37130  (16112724)
       396718.26   3766811.08        4.83216  (16112724)                396758.26
3766811.08        5.26467  (11121924)
       396798.26   3766811.08        5.74245c (16011024)                396838.26
3766811.08        6.21079  (12122524)
       396878.26   3766811.08        6.70335c (16012024)                396918.26
3766811.08        7.18830  (16112724)
       396958.26   3766811.08        7.61321m (16010624)                396998.26
3766811.08        7.97818  (16121124)
       397038.26   3766811.08        8.21252c (16012024)                397078.26
3766811.08        8.31785c (16012024)
       397118.26   3766811.08        8.36031  (16121224)                397158.26
3766811.08        8.28564  (16121224)
       397198.26   3766811.08        8.07013  (16121224)                397238.26
3766811.08        7.75482  (16121224)
       397278.26   3766811.08        7.37860  (16121224)                397318.26
3766811.08        6.96508  (16121224)
       397358.26   3766811.08        6.52229  (16121224)                397398.26
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 3766811.08        6.06455  (16121224)
       397438.26   3766811.08        5.60762  (16121224)               397478.26
 3766811.08        5.16756  (16121224)
       397518.26   3766811.08        4.75056  (16121224)               397558.26
 3766811.08        4.36289  (16121224)
       397598.26   3766811.08        4.00719  (16121224)               397638.26
 3766811.08        3.68348  (16121224)
       397678.26   3766811.08        3.39048  (16121224)               397718.26
 3766811.08        3.12586  (16121224)
       396558.26   3766851.08        3.39497  (15122024)               396598.26
 3766851.08        3.75128  (15122024)
       396638.26   3766851.08        4.19398  (15122324)               396678.26
 3766851.08        4.66147  (15122324)
       396718.26   3766851.08        5.20533  (16112724)               396758.26
 3766851.08        5.79937c (16011024)
       396798.26   3766851.08        6.43409m (16010624)               396838.26
 3766851.08        7.08349c (16011024)
       396878.26   3766851.08        7.74237  (12122524)               396918.26
 3766851.08        8.39918c (16012024)
       396958.26   3766851.08        8.99592  (15122324)               396998.26
 3766851.08        9.51347  (16121124)
       397038.26   3766851.08        9.89947c (16012024)               397078.26
 3766851.08       10.08041c (16012024)
       397118.26   3766851.08       10.10621  (16121224)               397158.26
 3766851.08        9.99721  (16121224)
       397198.26   3766851.08        9.69725  (16121224)               397238.26
 3766851.08        9.26608  (16121224)
       397278.26   3766851.08        8.72179  (16121224)               397318.26
 3766851.08        8.10073  (16121224)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE 122
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397358.26	3766851.08	7.49037	(16121224)	397398.26	3766851.08	6.88231	(16121224)
397438.26	3766851.08	6.29258	(16121224)	397478.26	3766851.08	5.73366	(16121224)
397518.26	3766851.08	5.21605	(16121224)	397558.26	3766851.08	4.74475	(16121224)
397598.26	3766851.08	4.32043	(16121224)	397638.26	3766851.08	3.94106	(16121224)
397678.26	3766851.08	3.60295	(16121224)	397718.26	3766851.08	3.30213	(16121224)
396558.26	3766891.08	3.57305c	(16012024)	396598.26	3766891.08	3.93895	(15122024)
396638.26	3766891.08	4.43125	(15122024)	396678.26	3766891.08	5.02479	(15122324)
396718.26	3766891.08	5.61727	(15122324)	396758.26	3766891.08	6.37168	(16112724)
396798.26	3766891.08	7.19560c	(16011024)	396838.26	3766891.08	8.07440c	(16011024)
396878.26	3766891.08	9.03691c	(16011024)	396918.26	3766891.08	9.90167	(12122524)
396958.26	3766891.08	10.84144c	(16012024)	396998.26	3766891.08	11.56545	(16121124)
397038.26	3766891.08	12.19707c	(16012024)	397078.26	3766891.08	12.53164c	(16012024)
397118.26	3766891.08	12.52887c	(16012024)	397158.26	3766891.08	12.26603m	(10012224)
397198.26	3766891.08	11.87325	(16121224)	397238.26	3766891.08	11.22878	(16121224)
397278.26	3766891.08	10.45972	(16121224)	397318.26	3766891.08	9.61595	(16121224)
397358.26	3766891.08	8.72574	(16121224)	397398.26	3766891.08	7.86946	(16121224)
397438.26	3766891.08	7.09006	(16121224)	397478.26	3766891.08	6.37613	(16121224)
397518.26	3766891.08	5.73337	(16121224)	397558.26	3766891.08	5.15894	(16121224)
397598.26	3766891.08	4.65311	(16121224)	397638.26	3766891.08	4.20940	(16121224)
397678.26	3766891.08	3.82065	(16121224)	397718.26	3766891.08	3.48041	(16121224)
396558.26	3766931.08	3.75737	(16121124)	396598.26	3766931.08	4.16700c	(16012024)

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       396638.26   3766931.08        4.69080  (15122024)               396678.26
 3766931.08        5.33694  (15122024)
       396718.26   3766931.08        6.11562  (15122324)               396758.26
 3766931.08        6.95348  (15122324)
       396798.26   3766931.08        8.06034  (16112724)               396838.26
 3766931.08        9.25021c (16011024)
       396878.26   3766931.08       10.56303c (16011024)               396918.26
 3766931.08       11.91081m (16010624)
       396958.26   3766931.08       13.24686m (16010624)               396998.26
 3766931.08       14.45825  (16121124)
       397038.26   3766931.08       15.53323c (16012024)               397078.26
 3766931.08       16.04276c (16012024)
       397118.26   3766931.08       16.03343c (16012024)               397158.26
 3766931.08       15.55173c (16012024)
       397198.26   3766931.08       14.85722m (10012224)               397238.26
 3766931.08       13.89051m (10012224)
       397278.26   3766931.08       12.73212  (16121224)               397318.26
 3766931.08       11.51768  (16121224)
       397358.26   3766931.08       10.32408  (16121224)               397398.26
 3766931.08        9.13196  (16121224)
       397438.26   3766931.08        8.04492  (16121224)               397478.26
 3766931.08        7.11050  (16121224)
       397518.26   3766931.08        6.30655  (16121224)               397558.26
 3766931.08        5.60330  (16121224)
       397598.26   3766931.08        5.00068  (16121224)               397638.26
 3766931.08        4.48388  (16121224)
       397678.26   3766931.08        4.03943  (16121224)               397718.26
 3766931.08        3.65853  (16121224)
       396558.26   3766971.08        3.94227  (16121124)               396598.26
 3766971.08        4.39859  (16121124)
       396638.26   3766971.08        4.96425  (16121124)               396678.26
 3766971.08        5.64432c (16012024)
       396718.26   3766971.08        6.54684  (15122024)               396758.26
 3766971.08        7.64804  (15122324)
       396798.26   3766971.08        8.91096  (16112724)               396838.26
 3766971.08       10.62619  (16112724)
       396878.26   3766971.08       12.49266c (16011024)               396918.26
 3766971.08       14.61703c (16011024)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE 123
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
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                EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM-10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        396958.26   3766971.08       16.66495c (16012024)               396998.26
 3766971.08       18.83863  (16121124)
        397038.26   3766971.08       20.58337  (15122324)               397078.26
 3766971.08       21.39803c (16012024)
        397118.26   3766971.08       21.33689c (16012024)               397158.26
 3766971.08       20.38959  (15122024)
        397198.26   3766971.08       19.10599c (16012024)               397238.26
 3766971.08       17.52551m (10012224)
        397278.26   3766971.08       15.79079m (10012224)               397318.26
 3766971.08       14.02893m (10012224)
        397358.26   3766971.08       12.01408c (16011024)               397398.26
 3766971.08       10.28709  (15013124)
        397438.26   3766971.08        9.19054  (16121224)               397478.26
 3766971.08        7.95141  (16121224)
        397518.26   3766971.08        6.92624  (16121224)               397558.26
 3766971.08        6.06980  (16121224)
        397598.26   3766971.08        5.35645  (16121224)               397638.26
 3766971.08        4.75802  (16121224)
        397678.26   3766971.08        4.25305  (16121224)               397718.26
 3766971.08        3.83016  (16121224)
        396558.26   3767011.08        4.11425  (16121124)               396598.26
 3767011.08        4.60906  (16121124)
        396638.26   3767011.08        5.23870  (16121124)               396678.26
 3767011.08        6.01872  (16121124)
        396718.26   3767011.08        6.98646  (16121124)               396758.26
 3767011.08        8.25947  (15122024)
        396798.26   3767011.08        9.94888  (15122324)               396838.26
 3767011.08       12.01738  (16112724)
        396878.26   3767011.08       14.87605  (16112724)               396918.26
 3767011.08       18.26650c (16011024)
        396958.26   3767011.08       22.11097  (11121924)               396998.26
 3767011.08       25.98519  (16112724)
        397038.26   3767011.08       29.01745  (15122324)               397078.26
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 3767011.08       30.32390  (15122324)
       397118.26   3767011.08       29.96887c (16012024)               397158.26
 3767011.08       28.03298  (15122024)
       397198.26   3767011.08       25.60237  (16121224)               397238.26
 3767011.08       22.88198c (16012024)
       397278.26   3767011.08       20.10760m (10012224)               397318.26
 3767011.08       17.37109m (10012224)
       397358.26   3767011.08       14.44655  (15122324)               397398.26
 3767011.08       12.01389  (10010924)
       397438.26   3767011.08       10.28790m (10012224)               397478.26
 3767011.08        8.86790  (16121224)
       397518.26   3767011.08        7.57778  (16121224)               397558.26
 3767011.08        6.54597  (16121224)
       397598.26   3767011.08        5.70908  (16121224)               397638.26
 3767011.08        5.02520  (16121224)
       397678.26   3767011.08        4.45851  (16121224)               397718.26
 3767011.08        3.99173  (16121224)
       396558.26   3767051.08        4.26127  (16121124)               396598.26
 3767051.08        4.80941  (16121124)
       396638.26   3767051.08        5.47958  (16121124)               396678.26
 3767051.08        6.35437  (16121124)
       396718.26   3767051.08        7.46745  (16121124)               396758.26
 3767051.08        8.92155  (16121124)
       396798.26   3767051.08       10.88893  (16121124)               396838.26
 3767051.08       13.70803  (15122324)
       396878.26   3767051.08       17.52412  (15122324)               396918.26
 3767051.08       23.29164  (16112724)
       396958.26   3767051.08       30.72613  (16112724)               396998.26
 3767051.08       39.54198c (16012024)
       397038.26   3767051.08       46.25113  (15122324)               397078.26
 3767051.08       47.47482  (15122324)
       397118.26   3767051.08       45.29147  (15122324)               397158.26
 3767051.08       41.16351  (15122024)
       397198.26   3767051.08       36.28097  (15122024)               397238.26
 3767051.08       31.55992  (16121224)
       397278.26   3767051.08       26.82402c (16012024)               397318.26
 3767051.08       22.14665  (15013124)
       397358.26   3767051.08       17.58711  (15013124)               397398.26
 3767051.08       14.55324  (16121324)
       397438.26   3767051.08       12.09450  (16121324)               397478.26
 3767051.08        9.86405c (16011024)
       397518.26   3767051.08        8.24995  (16121224)               397558.26
 3767051.08        7.02146  (16121224)
       397598.26   3767051.08        6.04987  (16121224)               397638.26
 3767051.08        5.27472  (16121224)
       397678.26   3767051.08        4.64858  (16121224)               397718.26
 3767051.08        4.17946  (16121124)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 , EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 , EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 , EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396558.26	3767091.08	4.38255m	(10012224)	396598.26	3767091.08	4.98479	(16121124)
396638.26	3767091.08	5.69324	(16121124)	396678.26	3767091.08	6.61445	(16121124)
396718.26	3767091.08	7.85910	(16121124)	396758.26	3767091.08	9.53071	(16121124)
396798.26	3767091.08	11.86795	(16121124)	396838.26	3767091.08	15.33875	(16121124)
396878.26	3767091.08	20.76022	(15122324)	396918.26	3767091.08	30.10981	(16121124)
396958.26	3767091.08	46.58124	(16121324)	396998.26	3767091.08	77.35644	(15100524)
397078.26	3767091.08	92.13244	(15122024)	397118.26	3767091.08	79.94733	(15122024)
397158.26	3767091.08	67.80492	(15122024)	397198.26	3767091.08	56.80521	(15122024)
397238.26	3767091.08	47.16766	(16121224)	397278.26	3767091.08	38.65135	(16121224)
397318.26	3767091.08	30.05890	(15013124)	397358.26	3767091.08	22.27572	(15013124)
397398.26	3767091.08	17.34066	(16121324)	397438.26	3767091.08	13.96652	(15122524)
397478.26	3767091.08	11.22159b	(11111524)	397518.26	3767091.08	9.42212	(15122524)

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       397558.26   3767091.08        7.93662m (15020724)               397598.26
3767091.08        6.53284  (16121324)
       397638.26   3767091.08        5.51623m (10012224)               397678.26
3767091.08        4.82529c (16011024)
       397718.26   3767091.08        4.27173  (15013124)               396558.26
3767131.08        4.47691c (16011024)
       396598.26   3767131.08        5.09740m (10012224)               396638.26
3767131.08        5.84339m (10012224)
       396678.26   3767131.08        6.81071  (16121124)               396718.26
3767131.08        8.11257  (16121124)
       396758.26   3767131.08        9.94791  (16121124)               396798.26
3767131.08       12.59601  (16121124)
       396838.26   3767131.08       16.68665  (15122324)               396878.26
3767131.08       23.75287  (15122324)
       396918.26   3767131.08       38.62937  (15122324)               396958.26
3767131.08       81.31877  (15100524)
       397238.26   3767131.08       85.97260  (16121224)               397278.26
3767131.08       66.40313  (16121224)
       397318.26   3767131.08       46.24538  (16121224)               397358.26
3767131.08       29.34225  (16020124)
       397398.26   3767131.08       20.54224  (15122524)               397438.26
3767131.08       15.38808  (15122524)
       397478.26   3767131.08       12.27147m (10042924)               397518.26
3767131.08        9.86737  (10112824)
       397558.26   3767131.08        8.06785m (15020724)               397598.26
3767131.08        6.81013m (10042924)
       397638.26   3767131.08        5.73461  (15013124)               397678.26
3767131.08        4.97863  (16121124)
       397718.26   3767131.08        4.39470  (15013124)               396558.26
3767171.08        4.51307c (16011024)
       396598.26   3767171.08        5.14412c (16011024)               396638.26
3767171.08        5.93793m (10012224)
       396678.26   3767171.08        6.87617m (10012224)               396718.26
3767171.08        8.11177  (12122524)
       396758.26   3767171.08       10.01300  (12122524)               396798.26
3767171.08       12.84667c (16011024)
       396838.26   3767171.08       17.21219c (16011024)               396878.26
3767171.08       25.18688c (16011024)
       396918.26   3767171.08       44.32120  (11112024)               397438.26
3767171.08       16.09355  (15121124)
       397478.26   3767171.08       12.43234b (11111524)               397518.26
3767171.08        9.89827  (15013124)
       397558.26   3767171.08        8.18521  (15013124)               397598.26
3767171.08        6.90695  (15013124)
       397638.26   3767171.08        5.89099  (15013024)               397678.26
3767171.08        5.10740  (15013024)
       397718.26   3767171.08        4.48321  (15013024)               396558.26
3767211.08        4.44805  (16121224)
       396598.26   3767211.08        5.06254  (16121224)               396638.26
3767211.08        5.82695  (16121224)
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*** MODELOPTs: CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 8TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): EG01 , EG02 , EG03 , EG04 , EG05 ,
EG06 , EG07 , EG08 , EG09 , EG10 , EG11 , EG12 , EG13 ,
EG14 , EG15 , EG16 , EG17 , EG18 , EG19 , EG20 , EG21 ,
EG22 , EG23 , EG24 , L0000001 , L0000002 , L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
396918.26	3767211.08	36.51756	(15122324)	396958.26	3767211.08	64.10470	(10122324)
397438.26	3767211.08	17.10772	(16121224)	397478.26	3767211.08	13.05352	(16121224)
397518.26	3767211.08	10.11449	(11102524)	397558.26	3767211.08	8.40622	(15013024)
397598.26	3767211.08	7.04146	(16121324)	397638.26	3767211.08	6.02786c	(16011924)
397678.26	3767211.08	5.22292c	(16011924)	397718.26	3767211.08	4.59139c	(16011924)
396558.26	3767251.08	4.40681	(16121224)	396598.26	3767251.08	5.00392	(16121224)
396638.26	3767251.08	5.74648	(16121224)	396678.26	3767251.08	6.68854	(16121224)
396718.26	3767251.08	7.87034	(16121224)	396758.26			

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3767251.08        9.38765  (11112024)
       396798.26   3767251.08       11.60839m (10012224)                396838.26
3767251.08       15.14980c (16011024)
       396878.26   3767251.08       20.42506c (16011024)                396918.26
3767251.08       27.93232m (10012224)
       396958.26   3767251.08       38.88893m (10012224)                396998.26
3767251.08       53.34593  (11111924)
       397038.26   3767251.08       64.20351b (11111524)                397078.26
3767251.08       85.99646  (16103124)
       397118.26   3767251.08      139.92692  (16121224)                397318.26
3767251.08       51.23264  (12110924)
       397358.26   3767251.08       33.51663  (11062924)                397398.26
3767251.08       22.32657  (11061824)
       397438.26   3767251.08       16.79058  (15121124)                397478.26
3767251.08       13.75037  (15060124)
       397518.26   3767251.08       11.77385  (16121224)                397558.26
3767251.08        9.32414  (16121224)
       397598.26   3767251.08        7.49517m (10042924)                397638.26
3767251.08        6.07076  (10030924)
       397678.26   3767251.08        5.35795  (16102524)                397718.26
3767251.08        4.65723  (15121124)
       396558.26   3767291.08        4.70695  (11021124)                396598.26
3767291.08        4.91008  (11021724)
       396638.26   3767291.08        5.49384  (10100624)                396678.26
3767291.08        6.41942  (12122524)
       396718.26   3767291.08        7.56522  (16121224)                396758.26
3767291.08        8.94368m (10012224)
       396798.26   3767291.08       10.91001c (16011024)                396838.26
3767291.08       13.58987c (16011024)
       396878.26   3767291.08       17.58367  (10121624)                396918.26
3767291.08       22.54904  (10100624)
       396958.26   3767291.08       29.79107m (10012224)                396998.26
3767291.08       33.20097  (10100424)
       397038.26   3767291.08       34.01361  (11030824)                397078.26
3767291.08       40.98903  (15122324)
       397118.26   3767291.08       57.21832  (16103124)                397158.26
3767291.08      106.91962m (15020724)
       397278.26   3767291.08       58.32033c (15101724)                397318.26
3767291.08       43.29399  (11072924)
       397358.26   3767291.08       31.08289  (15072224)                397398.26
3767291.08       21.52072  (15042424)
       397438.26   3767291.08       16.77555  (12110924)                397478.26
3767291.08       14.28420  (15060124)
       397518.26   3767291.08       12.01849  (12082524)                397558.26
3767291.08        9.83395  (12042324)
       397598.26   3767291.08        8.30176  (15070624)                397638.26
3767291.08        7.24520  (15121424)
       397678.26   3767291.08        5.76805  (16121224)                397718.26
3767291.08        4.66757  (10030924)
       396558.26   3767331.08        5.29709  (11042524)                396598.26
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 3767331.08        5.71795  (15021724)
       396638.26   3767331.08        6.22336  (15021724)                396678.26
 3767331.08        6.09992  (11021724)
       396718.26   3767331.08        7.14004  (11112024)                396758.26
 3767331.08        8.40904c (16011024)
       396798.26   3767331.08        9.95393c (16011024)                396838.26
 3767331.08       12.06392  (10122324)
       396878.26   3767331.08       15.02792  (10100624)                396918.26
 3767331.08       19.66025  (11032824)
       396958.26   3767331.08       23.50888b (11111524)                396998.26
 3767331.08       27.60976  (10100424)
       397038.26   3767331.08       27.67010m (10102024)                397078.26
 3767331.08       30.54597  (11031724)
       397118.26   3767331.08       36.48555  (10102324)                397158.26
 3767331.08       47.09247  (10092224)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE 126
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-10    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       397198.26   3767331.08       53.03064  (10100324)                397238.26
 3767331.08       49.49573  (16040824)
       397278.26   3767331.08       43.15771  (15101424)                397318.26
 3767331.08       35.74000  (11090224)
       397358.26   3767331.08       27.89377  (16101624)                397398.26
 3767331.08       21.03564  (11060924)
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       397438.26   3767331.08       17.29830  (12082524)                397478.26
3767331.08       14.66003  (15042424)
       397518.26   3767331.08       11.91894  (15072924)                397558.26
3767331.08       10.12923  (15060124)
       397598.26   3767331.08        8.87954  (12082524)                397638.26
3767331.08        7.94919  (12110924)
       397678.26   3767331.08        6.53468  (15111524)                397718.26
3767331.08        5.17892  (15121424)
       396558.26   3767371.08        5.18190  (11111824)                396598.26
3767371.08        5.57648  (15021724)
       396638.26   3767371.08        5.55689m (10050224)                396678.26
3767371.08        5.79054  (10121624)
       396718.26   3767371.08        6.75988m (10012224)                396758.26
3767371.08        7.75150c (16011024)
       396798.26   3767371.08        9.00716c (16011024)                396838.26
3767371.08       10.63900c (15101924)
       396878.26   3767371.08       12.87638  (10111924)                396918.26
3767371.08       16.99237  (10121624)
       396958.26   3767371.08       19.76107  (10101924)                396998.26
3767371.08       23.16291  (10121624)
       397038.26   3767371.08       23.01955  (11031724)                397078.26
3767371.08       24.14887  (11031724)
       397118.26   3767371.08       27.78883  (16121124)                397158.26
3767371.08       30.19093  (11031724)
       397198.26   3767371.08       34.17556m (15082524)                397238.26
3767371.08       35.33701m (15121024)
       397278.26   3767371.08       32.69455  (15101624)                397318.26
3767371.08       29.47504  (11042024)
       397358.26   3767371.08       25.39366  (11090224)                397398.26
3767371.08       20.59723m (12050124)
       397438.26   3767371.08       17.39595  (11060924)                397478.26
3767371.08       14.75129  (15052924)
       397518.26   3767371.08       12.81256  (11060924)                397558.26
3767371.08       11.02821  (15042424)
       397598.26   3767371.08        9.39028  (15052924)                397638.26
3767371.08        8.27170  (15072924)
       397678.26   3767371.08        7.38385  (15060124)                397718.26
3767371.08        6.27992  (12082524)
       396558.26   3767411.08        4.93110  (10121624)                396598.26
3767411.08        5.12222  (11020624)
       396638.26   3767411.08        5.06538m (15020724)                396678.26
3767411.08        5.47875  (10121624)
       396718.26   3767411.08        6.29212m (10012224)                396758.26
3767411.08        7.14752  (10100524)
       396798.26   3767411.08        8.16732  (11112024)                396838.26
3767411.08        9.41800c (15101924)
       396878.26   3767411.08       11.00624  (11032824)                396918.26
3767411.08       13.94735  (11013024)
       396958.26   3767411.08       17.09146  (11013024)                396998.26
3767411.08       18.71672m (10060524)
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       397038.26   3767411.08       18.60797  (10101724)                397078.26
 3767411.08       19.60594  (11020424)
       397118.26   3767411.08       21.45768  (11031724)                397158.26
 3767411.08       23.77417  (10082624)
       397198.26   3767411.08       26.43971  (10092224)                397238.26
 3767411.08       27.34466  (15061924)
       397278.26   3767411.08       26.07721m (15082524)                397318.26
 3767411.08       24.25634  (16072824)
       397358.26   3767411.08       22.34213  (11042024)                397398.26
 3767411.08       18.84289  (16091124)
       397438.26   3767411.08       16.92436m (12050124)                397478.26
 3767411.08       14.68985m (12050124)
       397518.26   3767411.08       12.83957  (16091124)                397558.26
 3767411.08       11.39757  (15052924)
       397598.26   3767411.08       10.13238  (11060924)                397638.26
 3767411.08        8.89791  (12110924)
       397678.26   3767411.08        7.63866  (15052924)                397718.26
 3767411.08        7.08104  (16121224)
       396558.26   3767451.08        4.83770  (11020324)                396598.26
 3767451.08        4.94285m (10050224)
       396638.26   3767451.08        4.74317m (15020724)                396678.26
 3767451.08        5.21632  (16121124)
       396718.26   3767451.08        5.83674  (16121324)                396758.26
 3767451.08        6.53060  (10122324)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:13:40

                                   PAGE 127
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
 , L0000003    , L0000004    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM-10    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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 3767491.08       13.03972  (15101624)
       397518.26   3767491.08       12.13310  (16061324)                397558.26
 3767491.08       11.14157  (15042424)
       397598.26   3767491.08       10.32476m (12050124)                397638.26
 3767491.08        9.32800  (15060724)
       397678.26   3767491.08        8.37177  (15060724)                397718.26
 3767491.08        7.75739  (15052924)
       396558.26   3767531.08        4.55805  (11020624)                396598.26
 3767531.08        4.82842  (11020624)
       396638.26   3767531.08        5.23604  (11032824)                396678.26
 3767531.08        5.94380b (11111524)
       396718.26   3767531.08        5.99177  (11013024)                396758.26
 3767531.08        5.41869  (10121624)
       396798.26   3767531.08        5.97153  (15122324)                396838.26
 3767531.08        6.58081m (10012224)
       396878.26   3767531.08        7.40883  (11013024)                396918.26
 3767531.08        8.71543  (10041124)
       396958.26   3767531.08       11.01241  (10101724)                396998.26
 3767531.08       13.10311m (10102024)
       397038.26   3767531.08       13.99478  (10053124)                397078.26
 3767531.08       14.34754  (10101524)
       397118.26   3767531.08       14.11488  (10061124)                397158.26
 3767531.08       14.28540  (16072424)
       397198.26   3767531.08       15.51934  (10082624)                397238.26
 3767531.08       16.50199  (10100224)
       397278.26   3767531.08       16.28959  (16072424)                397318.26
 3767531.08       15.59769m (12120224)
       397358.26   3767531.08       14.51186  (16103024)                397398.26
 3767531.08       13.60790  (10112024)
       397438.26   3767531.08       12.37706  (15101624)                397478.26
 3767531.08       11.69144  (11042024)
       397518.26   3767531.08       11.16468  (16072724)                397558.26
 3767531.08       10.49946  (16061324)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:13:40

                                   PAGE 128
 *** MODELOPTs:    CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST 24-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     EG01        , EG02
 , EG03        , EG04        , EG05        ,
                 EG06        , EG07        , EG08        , EG09        , EG10
 , EG11        , EG12        , EG13        ,
                 EG14        , EG15        , EG16        , EG17        , EG18
 , EG19        , EG20        , EG21        ,
                 EG22        , EG23        , EG24        , L0000001    , L0000002
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, L0000003 , L0000004 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
397598.26	3767531.08	10.05313m	(15070224)	397638.26	3767531.08	9.23223m	(15070224)
397678.26	3767531.08	8.38611	(15060724)	397718.26	3767531.08	7.62666	(16091124)
397320.82	3767219.11	66.99046c	(16012024)	397330.82	3767209.11	59.93260c	(16012024)
397340.82	3767189.11	54.84653c	(16011024)	397340.82	3767199.11	52.38758	(16121124)
397340.82	3767209.11	49.76251c	(16012024)	397350.82	3767189.11	44.30107	(15122324)
397350.82	3767199.11	43.40652	(15122324)	397360.82	3767189.11	37.27893	(16121124)
397360.82	3767199.11	36.76875	(15102324)	397370.82	3767189.11	31.99417	(16121124)
397380.82	3767189.11	28.58198	(15013124)	396934.73	3767169.52	64.04112	(15100524)
397014.53	3767229.60	105.08622c	(16012024)	397044.10	3767223.97	140.29351	(16121224)
397113.57	3767239.93	151.28447c	(15101924)	397158.63	3767280.29	124.25182c	(16012024)
397168.95	3767307.05	77.57099	(10121624)	397244.05	3767296.72	81.72898	(16103124)
397260.95	3767278.88	86.46388	(16103124)	397409.74	3767205.66	21.03097	(16102524)
397422.89	3767189.23	18.44349	(16102524)	397426.64	3767180.78	17.92248b	(11111524)
397420.54	3767170.46	18.52453	(16121324)	397318.68	3767160.13	77.02453	(15013124)
397022.98	3767083.62	81.47530	(15122024)	396920.42	3767167.32	46.30074	(15122324)
396989.95	3767243.54	56.91568	(15122324)	397044.10	3767223.97	140.29351	(16121224)
397113.57	3767239.93	151.28447c	(15101924)	397158.63	3767280.29	124.25182c	(16012024)
397168.95	3767307.05	77.57099	(10121624)	397244.05	3767296.72	81.72898	(16103124)
397260.95	3767278.88	86.46388	(16103124)	397409.74	3767205.66	21.03097	(16102524)

                                  *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   5 YEARS ***

                                   ** CONC OF PM-10   IN MICROGRAMS/M**3
             **

                       NETWORK
GROUP ID   AVERAGE CONC   RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- - - - - - - - - - - - - - - - - - -

GENERATO 1ST HIGHEST VALUE IS   0.57549 AT (397158.63, 3767280.29,
113.85,   188.90,   2.00) DC
          2ND HIGHEST VALUE IS   0.57549 AT (397158.63, 3767280.29,
113.85,   188.90,   2.00) DC
          3RD HIGHEST VALUE IS   0.55973 AT (397113.57, 3767239.93,
112.10,   187.57,   2.00) DC
          4TH HIGHEST VALUE IS   0.55973 AT (397113.57, 3767239.93,
112.10,   187.57,   2.00) DC
          5TH HIGHEST VALUE IS   0.50249 AT (397118.26, 3767251.08,
113.68,   187.57,   2.00) DC
          6TH HIGHEST VALUE IS   0.49930 AT (397238.26, 3767331.08,
123.96,   149.01,   2.00) DC
          7TH HIGHEST VALUE IS   0.49256 AT (397198.26, 3767331.08,
125.94,   149.01,   2.00) DC
          8TH HIGHEST VALUE IS   0.48956 AT (397158.26, 3767291.08,
115.43,   188.90,   2.00) DC
          9TH HIGHEST VALUE IS   0.45422 AT (397158.26, 3767331.08,
126.82,   142.19,   2.00) DC
         10TH HIGHEST VALUE IS   0.45146 AT (397244.05, 3767296.72,
118.15,   188.90,   2.00) DC

AREA   1ST HIGHEST VALUE IS   102.74567 AT (397113.57, 3767239.93,

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112.10,   187.57,    2.00)  DC
          2ND HIGHEST VALUE IS     102.74567 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          3RD HIGHEST VALUE IS      93.73616 AT (  397118.26,  3767251.08,
113.68,   187.57,    2.00)  DC
          4TH HIGHEST VALUE IS      93.59277 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          5TH HIGHEST VALUE IS      93.59277 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          6TH HIGHEST VALUE IS      83.49716 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          7TH HIGHEST VALUE IS      83.49716 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          8TH HIGHEST VALUE IS      72.45064 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
          9TH HIGHEST VALUE IS      70.70053 AT (  397014.53,  3767229.60,
112.60,   142.19,    2.00)  DC
         10TH HIGHEST VALUE IS      60.36278 AT (  397078.26,  3767091.08,
107.82,   147.56,    2.00)  DC

ALL       1ST HIGHEST VALUE IS     103.30540 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          2ND HIGHEST VALUE IS     103.30540 AT (  397113.57,  3767239.93,
112.10,   187.57,    2.00)  DC
          3RD HIGHEST VALUE IS      94.23865 AT (  397118.26,  3767251.08,
113.68,   187.57,    2.00)  DC
          4TH HIGHEST VALUE IS      93.79637 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          5TH HIGHEST VALUE IS      93.79637 AT (  397044.10,  3767223.97,
112.60,   142.19,    2.00)  DC
          6TH HIGHEST VALUE IS      84.07265 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          7TH HIGHEST VALUE IS      84.07265 AT (  397158.63,  3767280.29,
113.85,   188.90,    2.00)  DC
          8TH HIGHEST VALUE IS      72.94021 AT (  397158.26,  3767291.08,
115.43,   188.90,    2.00)  DC
          9TH HIGHEST VALUE IS      70.82512 AT (  397014.53,  3767229.60,
112.60,   142.19,    2.00)  DC
         10TH HIGHEST VALUE IS      60.66837 AT (  397078.26,  3767091.08,
107.82,   147.56,    2.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\AERMOD VIEW\SATURN DATA
CENTER_CONS\SATURN DATA CENTER_CONS ***        09/19/25
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:13:40
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*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE	NETWORK CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
GENERATO	HIGH 1ST HIGH VALUE IS	3.51327	ON 15111624:	AT (397340.82, 3767189.11, 113.51, 149.27, 0.00)	DC	
	HIGH 8TH HIGH VALUE IS	2.04294	ON 11121224:	AT (396998.26, 3767091.08, 105.38, 142.19, 2.00)	DC	
AREA	HIGH 1ST HIGH VALUE IS	159.36676	ON 16121124:	AT (397113.57, 3767239.93, 112.10, 187.57, 2.00)	DC	
	HIGH 8TH HIGH VALUE IS	150.52428c	ON 15101924:	AT (397113.57, 3767239.93, 112.10, 187.57, 2.00)	DC	
ALL	HIGH 1ST HIGH VALUE IS	159.36676	ON 16121124:	AT (397113.57, 3767239.93, 112.10, 187.57, 2.00)	DC	
	HIGH 8TH HIGH VALUE IS	151.28447c	ON 15101924:	AT (397113.57, 3767239.93, 112.10, 187.57, 2.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

```
 A Total of            0 Fatal Error Message(s)
 A Total of           72 Warning Message(s)
 A Total of         1277 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          152 Calm Hours Identified

 A Total of         1125 Missing Hours Identified (  2.57 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    2020       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    2020       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 CN W732     528         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010012224
 CN W732    1560         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010030624
 CN W732    1584         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010030724
 CN W732    2688         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042224
 CN W732    2712         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042324
 CN W732    2736         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042424
 CN W732    2760         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042524
 CN W732    2784         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042624
 CN W732    2808         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042724
 CN W732    2832         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042824
 CN W732    2856         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010042924
 CN W732    2880         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010043024
 CN W732    2904         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010050124
 CN W732    2928         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010050224
 CN W732    3384         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010052124
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 CN W732    3744         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010060524
 CN W732    5976         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010090624
 CN W732    6024         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010090824
 CN W732    8184         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010120724
 CN W732    8352         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010121424
 CN W732    8640         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2010122624
 CN W732    8952         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011010824
 CN W732    8976         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011010924
 CN W732    9504         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011013124
 CN W732    9528         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011020124
 CN W732   10200         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011030124
 CN W732   11088         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011040724
 CN W732   11112         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011040824
 CN W732   11136         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011040924
 CN W732   11160         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011041024
 CN W732   12648         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011061124
 CN W732   12672         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011061224
 CN W732   12696         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011061324
 CN W732   12720         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011061424
 CN W732   12744         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011061524
 CN W732   13680         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011072424
 CN W732   13704         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011072524
 CN W732   13728         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011072624
 CN W732   15432         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011100524
 CN W732   15456         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011100624
```

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 CN W732   15480         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011100724
 CN W732   16128         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011110324
 CN W732   16416         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011111524
 CN W732   16584         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011112224
 CN W732   16608         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2011112324
 CN W732   19896         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012040824
 CN W732   20472         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012050224
 CN W732   20904         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012052024
 CN W732   20928         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012052124
 CN W732   20952         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012052224
 CN W732   20976         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012052324
 CN W732   21024         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012052524
 CN W732   23016         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012081624
 CN W732   24072         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012092924
 CN W732   24096         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012093024
 CN W732   25560         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012113024
 CN W732   25584         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012120124
 CN W732   25632         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2012120324
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
  15010101
 MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:
2 year gap
 CN W732   27216         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2015020724
 CN W732   29424         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2015051024
 CN W732   30696         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2015070224
 CN W732   35064         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2015123124
 CN W732   36816         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031324
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 CN W732   36840         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016031424
 CN W732   40416         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081024
 CN W732   40512         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081424
 CN W732   40632         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016081924
 CN W732   43848         AVER: 24-hr avg, < 18 hours of data, calms policy used.
2016123124

    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
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Attachment E: Energy Calculations

Construction Fuel Consumption

On-Site Diesel[1] (off-road construction Equipment)	$MTCO_2e$	Gallons of Fuel[4]	County Fuel in 2027 (Start of Construction)	Percent
Demolition	69	6,758		
Site Preparation/Grading	116	11,413		
Building Construction	103	10,128		
Paving	65	6,428		
Architectural Coating	4	395		
Total	356	35,122	4,129,527,647	0.0009%

Off-Site Diesel[1] (on-road construction trips)				
Demolition	81	8,017		
Site Preparation/Grading	787	77,537		
Building Construction	138	13,619		
Paving	87	8,578		
Architectural Coating	0	0		
Total	1,094	107,751	4,129,527,647	0.0026%
Off-Site Gasoline[2]				
Demolition	4	458		
Site Preparation/Grading	7	745		
Building Construction	109	12,428		
Paving	2	214		
Architectural Coating	12	1,365		
Total	134	15,211	4,129,744,580	0.0004%

Total Diesel Fuel		142,873	4,129,527,647	0.0035%
Total Gasoline Fuel		15,211	4,129,744,580	0.0004%
Total Construction Fuel	1,584	158,084		

Construction Phase[3]	Phase 1 Demolition			Phase 1 Site Preparation			Phase 1 Grading		
	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)
2025	69	81	4	58	0	3	57	774	4
2026	0	0	0	0	0	0	1	13	0
2027	0	0	0	0	0	0	0	0	0
Total	69	81	4	58	0	3	58	787	4

Construction Phase[3]	Phase 1 Building Construction and Utilities (2026)			Phase 2 Interior Construction (2027)			Phase 1 Paving (2026)		
	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)
2025	0	0	0	0	0	0	0	0	0
2026	38	51	41	0	0	0	14	0	2
2027	0	0	0	65	87	69	0	0	0
Total	38	51	41	65	87	69	14	0	2

Construction Phase[3]	Phase 2 Architectural Coating		
	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gasoline (Worker)
2025	0	0	0
2026	0	0	0
2027	4	0	12
Total	4	0	12

Notes:

[1] Fuel used for off-road, hauling, and vendor trips assumed to be diesel.

[2] Fuel used for worker trips assumed to be gasoline.

[3] $MTCO_2e$ rates from CalEEMod (3.0 Construction Emissions Details).

[4] For CO2e emissions, see Chapter 13 (page 94); Conversion Ratios: Climate Registry, General Reporting Protocol, 2016.

Construction Water Energy

Daily Soil Disturbance[1]	56.0	acres
Days of Soil Disturbance[2]	68	days
Water Concentration[3]	3,020	gallons/acre
Water Energy Intensity[4]	6,807	kWh/MG
Total Construction Water	11.50	million gallons
Construction Water Energy	78,282	kWh
	0.0783	GWh
Los Angeles County Annual Electricity	68,485	GWh
Percentage Increase	0.000%	
	78.28	MWh
	68,484,956.28	MWh

Notes:

[1] Total daily acres disturbed from offroad equipment per CalEEMod (3.0 Construction Emissions Detail) and maximum SCAQMD LST values for soil-disturbing equipment.

[2] Number of days of construction with soil-disturbing equipment per CalEEMod (5.1 Construction Schedule).

[3] Water application rate per Air and Waste Management Association's Air Pollution Engineering Manual.

[4] Water energy intensity factor for subarea per CalEEMod User Guide, Appendix G, Tab G-32.

Operational Fuel

Vehicle Type	Percent	Annual VMT[1]	MPG[2]	Annual Fuel (Gallons)	Fuel Type	Los Angeles County Gallons[3]	RS Percent
Passenger Cars	0.941	219,715	21.6	10,172	Gas	3,369,809,065	0.0003%
Light/Medium Trucks	0.050	11,624	17.2	676	Diesel	535,939,687	0.0001%
Heavy Trucks/Other	0.009	2,088	6.1	342	Diesel	535,939,687	0.0001%
Total	1.00	233,427		1,018			0.0002%

Land Use[5]	LDA	LDT1	LDT2	MCY	MDV	LHD1	LHD2	MHD	OBUS	UBUS	SBUS	MH	HHD
General Office Building	49.328	4.2329	24.0235	2.2009	14.3400	2.6967	0.6925	1.1011	0.0845	0.0619	0.0649	0.2781	0.8945

Notes:

[1] Total annual operational VMT based on annual VMT from CalEEMod (5.9 Operational Mobile Sources).

[2] Average fuel economy derived from Department of Transportation.

[3] Total annual county fuel per EMFAC 2021 model of projected operational fuel usage.

Operational Water Energy

UNMITIGATED			
Unmitigated Indoor	8.8	million gallons	
Indoor Energy Intensity Factor[1]	6,807	kWh/MG	
Unmitigated Outdoor	0	million gallons	
Outdoor Energy Intensity Factor[2]	6,807	kWh/MG	
Operational Water Energy	61,357	kWh	
Operational Water Energy	0.0614	GWh	
Los Angeles County Annual Electricity	68,485	GWh	
Percentage Increase	0.0001%		
MITIGATED			
Mitigated Indoor	8.8	million gallons	
Indoor Energy Intensity Factor[1]	6,807	kWh/MG	
Mitigated Outdoor	0	million gallons	
Outdoor Energy Intensity Factor[2]	6,807	kWh/MG	
Operational Water Energy	61,357	kWh	
Operational Water Energy	0.0614	GWh	
Los Angeles County Annual Electricity	68,485	GWh	
Percentage Increase	0.0001%		

Land Use[3]	Unmitigated (gal/year)		Mitigated (gal/year)	
	Indoor	Outdoor	Indoor	Outdoor
General Office Building	7744570	218065	7744570	218065
Parking Lot	0	0	0	0
General Office Building (Proxy to substation)	1051200	0	1,051,200	0
Total Operational Water (MG/year)	8.796	0.218	8.796	0

Notes:

[1] Indoor water energy intensity factor for subarea per CalEEMod User Guide, Appendix G, Tab G-32. Factor includes supply, treatment, distribution, and wastewater.

[2] Outdoor water energy intensity factor for subarea per CalEEMod User Guide, Appendix G, Tab G-32. Factor includes supply, treatment, and distribution.

[3] Operational water use values per CalEEMod (5.12 Operational Water and Wastewater Consumption).

Electricity/Natural Gas Energy

UNMITIGATED			
	Unmitigated Project Annual Energy	Los Angeles County Annual Energy[3]	Percentage Increase
Electricity (kWh/yr)	438,014,593	68,484,956,280	0.6396%
Electricity (GWh/yr)	438.0146	68,485	0.6396%
Natural Gas (kBTU/yr)	0	282,028,593,500	0.0000%
Natural Gas (therms/yr)	0	2,820,285,935	0.0000%
MITIGATED			
	Mitigated Project Annual Energy	Los Angeles County Annual Energy[3]	Percentage Increase
Electricity (kWh/yr)	0	68,484,956,280	0.0000%
Electricity (GWh/yr)	0.0000	68,485	0.0000%
Natural Gas (kBTU/yr)	0	282,028,593,500	0.0000%
Natural Gas (therms/yr)	0	2,820,285,935	0.0000%

Land Use	Electricity[1] (kWh/yr)		Natural Gas[2] (kBTU/yr)	
	Unmitigated	Mitigated	Unmitigated	Mitigated
General Office Building	437991240	0	0	0
Parking Lot	23353.04	0	0	0
Total Energy	438,014,593	0	0	0

Notes:

[1] Electricity use per CalEEMod (5.11 Operational Energy Consumption).

[2] Natural Gas use per CalEEMod (5.11 Operational Energy Consumption).

[3] County total energy values from California Energy Commission energy reports available through ecdms.energy.ca.gov. (year 2022)

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Attachment F: Noise Data



Saturn Data Center - Modeled Receptor Locations

Signs and symbols

- Proposed Data Center Building
- Water Tanks
- Receiver

1 : 3098

0 15 30 60 90 120 m

Saturn Data Center - SoundPLAN Receptor Results

No.	Receiver name	Building side	Floor	Limit				Level				Conflict			
				Day	Night	Ldn	Lmax	Day	Night	Ldn	Lmax	Day	Night	Ldn	Lmax
				dB(A)				dB(A)				dB			
1	1	-	1.Fl	-	-	-	-	52.0	52.0	58.4	0.0	-	-	-	-
2	2	-	1.Fl	-	-	-	-	51.9	51.9	58.3	0.0	-	-	-	-
3	3	-	1.Fl	-	-	-	-	50.8	50.8	57.2	0.0	-	-	-	-
4	4	-	1.Fl	-	-	-	-	50.2	50.2	56.6	0.0	-	-	-	-
5	5	-	1.Fl	-	-	-	-	50.9	50.9	57.3	0.0	-	-	-	-
6	6	-	1.Fl	-	-	-	-	48.8	48.8	55.2	0.0	-	-	-	-
7	7	-	1.Fl	-	-	-	-	41.3	41.3	47.7	0.0	-	-	-	-
8	8	-	1.Fl	-	-	-	-	35.6	35.6	42.0	0.0	-	-	-	-
9	9	-	1.Fl	-	-	-	-	49.3	49.3	55.7	0.0	-	-	-	-
10	10	-	1.Fl	-	-	-	-	45.9	45.9	52.3	0.0	-	-	-	-
11	11	-	1.Fl	-	-	-	-	40.5	40.5	46.9	0.0	-	-	-	-
12	12	-	1.Fl	-	-	-	-	48.6	48.6	55.0	0.0	-	-	-	-
13	13	-	1.Fl	-	-	-	-	46.5	46.5	52.9	0.0	-	-	-	-
14	14	-	1.Fl	-	-	-	-	43.6	43.6	50.0	0.0	-	-	-	-
15	15	-	1.Fl	-	-	-	-	45.0	45.0	51.4	0.0	-	-	-	-
16	16	-	1.Fl	-	-	-	-	43.7	43.7	50.1	0.0	-	-	-	-

Saturn Data Center - Operational Noise Contours

Signs and symbols

- 16-Foot-High Screening Wall
- Proposed Data Center Building
- Water Tanks
- Point Source - RTU/Chiller/ Generator/DOAS/Substation Transformer

Levels in dB(A)

< 45
45 - 48
48 - 51
51 - 54
54 - 57
57 - 60
60 - 63
63 - 66
>= 66

1 : 2705

0 12.5 25 50 75 100 m

N

Mechanical Equipment Matrix						
Equipment Type	**Tag**	**Make**	**Model**	**Cutsheet (Y/N)**	**Assumed Load**	**Primary/Redundant**
Chiller	CH-DH01-01	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH01-02	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH01-03	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH01-04	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	0%	Redundant
	CH-DH02-01	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH02-02	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH02-03	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH02-04	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	0%	Redundant
	CH-DH03-01	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH03-02	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH03-03	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH03-04	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	0%	Redundant
	CH-DH04-01	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH04-02	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH04-03	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH04-04	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	0%	Redundant
	CH-DH05-01	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH05-02	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH05-03	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH05-04	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	0%	Redundant
	CH-DH06-01	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH06-02	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH06-03	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	100%	Primary
	CH-DH06-04	XNRGY	XN-C4-RL35-2000-2C-VI-24F-LC-FC	Y	0%	Redundant
Roof Top Unit	RTU-1	Trane		Y	100%	Primary
	RTU-2	Trane		Y	100%	Primary
	RTU-ELEC-01	Trane		Y	100%	Primary
	RTU-ELEC-02	Trane		Y	0%	Redundant
	RTU-ELEC-03	Trane		Y	100%	Primary
	RTU-ELEC-04	Trane		Y	0%	Redundant
	RTU-ELEC-05	Trane		Y	100%	Primary
	RTU-ELEC-06	Trane		Y	0%	Redundant
	RTU-ELEC-07	Trane		Y	100%	Primary
	RTU-ELEC-08	Trane		Y	0%	Redundant
	RTU-ELEC-09	Trane		Y	100%	Primary
	RTU-ELEC-10	Trane		Y	0%	Redundant
	RTU-ELEC-11	Trane		Y	100%	Primary
	RTU-ELEC-12	Trane		Y	0%	Redundant
	RTU-ELEC-13	Trane		Y	100%	Primary
	RTU-ELEC-14	Trane		Y	0%	Redundant
	RTU-ELEC-15	Trane		Y	100%	Primary
	RTU-ELEC-16	Trane		Y	0%	Redundant
	RTU-ELEC-17	Trane		Y	100%	Primary
	RTU-ELEC-18	Trane		Y	0%	Redundant
	RTU-ELEC-19	Trane		Y	100%	Primary
	RTU-ELEC-20	Trane		Y	0%	Redundant
	RTU-ELEC-21	Trane		Y	100%	Primary
	RTU-ELEC-22	Trane		Y	0%	Redundant
	RTU-MMR-1	Trane		Y	100%	Primary
	RTU-MMR-2	Trane		Y	0%	Redundant
DOAS Unit	DOAS-1	Trane	Horizon OAD/N	Y	100%	Primary
	DOAS-2	Trane	Horizon OAD/N	Y	0%	Redundant

XN CHILLER	Water-Less Chiller Rating Data	Base Unit Model	XN-C4-RL35-2000-2C-VI-24F-LC-FC
		Software Version	1.3.3.0
		Creation Date	2025-07-07
Region: CA	Unit Tag:	Qty: 24	Project: StratCap

Unit Overview	
Model Number	XN-C4-RL35-2000-2C-VI-24F-LC-FC
Vintage	A
Compressor Type	RL35
Number of Compressors	4
Number of Ref. Circuits	2
Refrigerant/ Safety Group/ GWP	R513A-A1-573

Cooling/ Heating Performance	
Selection Mode	Cooling
Rated Net Capacity [ton.R]	522.008
Heat Rejection Capacity [ton.R]	682.166
Full Load Eff. [kW/Ton]	1.092
Part Load Efficiency NPLV [kW/Ton]	0.433
Part Load Efficiency IPLV [kW/Ton]	0
A-Weighted Sound Pressure Level [dBA]	NA

Electrical Information	
Power Supply	460/3/60
Total Power Input [kW]	569.887
Standby Power [Watts]	0.250
Run Load Current [A]	701.0
Minimum Circuit Ampacity [A]	1140.0
Maximum Over-current Protection [A]	1380.0
Recommended Fuse/ Breaker Size [A]	1200

Weight and Dimensional Information	
Refrigerant Charge [lb]	1496.125
Dry Weight [lb]	See Cert Dwg.
Operating Weight [lb]	See Cert Dwg.
Dimensions (LxWxH) [in.]	615.5 x 91.0 x 99.3



Typical Unit for Display Purposes Only

Unit Options	
Option 1	Thermal Siphon - Free Cooling
Option 2	Economizer - Brazed Plate
Option 3	
Option 4	
Option 5	
Option 6	
Option 7	

Heat Exchanger Design Conditions

Evaporator		Condenser	
Evaporator Model	FLS254-173-2-0.75	Condenser Model	275-12-0.375-50-80
Fluid Type	Water	Condenser Fans	24
Entering Fluid Temperature [°F]	74.000	Entering Air Temperature [°F]	118.000
Leaving Fluid Temperature [°F]	60.000	Air Off Temperature °est [°F]	139.40
Fluid Flow Rate [gpm]	892.314	Fan Percent Flow [%]	79.6
Fouling Factor [$h \cdot ft^2 \cdot {}^\circ F/Btu$]	0.0000	Elevation	305.0
Number of Passes	2	Percent Maximum Power [%]	73.0
Tube Velocity [ft/sec]	6.810	Fan Power [kW]	33.954
Fluid Pressure Loss [psi]	12.371	Total Air-Flow [cfm]	388990.700
Minimum Flow Rate [gpm]	429.908	Saturation Temp [°F]	144.211
Maximum Flow Rate [gpm]	1289.724	Subcooling Temp [°F]	8.428
Heat Exchanger Type	Shell & Tube	Percent Compr Speed	93.1
Insulation Type	3/4" Vinyl Coated	Compressor Amps [A]	175.2

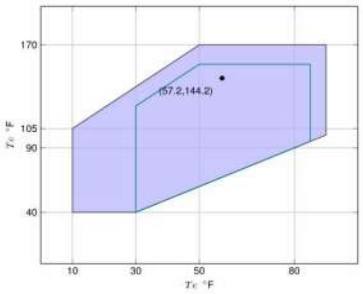
Notes:

XN CHILLER	Water-Less Chiller Rating Data	Base Unit Model	XN-C4-RL35-2000-2C-VI-24F-LC-FC
		Software Version	1.3.3.0
		Creation Date	2025-07-07
Region: CA	Unit Tag:	Qty: 24	Project: StratCap

Unit Part Load Performance At Constant Entering Air Temperature

Percent Cool Load	Net Evap. Cap. [ton.R]	Cond. Cap. [ton.R]	Total Power [kW]	Cool Eff. [kW/Ton]	Evap Ent Fluid Temp [°F]	Evap Lvg Fluid Temp [°F]	Evap Fluid Flow [gpm]	Cond Air On Tmp [°F]	Cond Air Flow [cfm]	Num Compr On [#]
100	522.008	682.166	569.887	1.092	74.000	60.000	892.314	118.000	388991	4
90	469.807	610.342	500.474	1.065	72.600	60.000	892.314	118.000	374142	4
80	417.606	536.373	423.373	1.014	71.200	60.000	892.314	118.000	357611	4
70	365.406	466.975	361.455	0.989	69.800	60.000	892.314	118.000	340693	4
60	313.205	399.546	306.879	0.980	68.400	60.000	892.314	118.000	278632	3
50	261.004	331.542	249.616	0.956	67.000	60.000	892.314	118.000	261269	3
40	208.803	263.659	193.742	0.928	65.600	60.000	892.314	118.000	278961	2
30	156.602	197.886	145.933	0.932	64.200	60.000	892.314	118.000	252326	2
20	104.402	131.830	96.996	0.929	62.800	60.000	892.314	118.000	139481	1
10	52.201	68.382	57.396	1.100	61.400	60.000	892.314	118.000	110875	1

Outside the scope of AHRI Air-Cooled Water-Chilling Packages Certification Program, but is rated in accordance with AHRI Standard 550/590 (I-P) and AHRI Standard 551/591 (SI).



XN CHILLER recommends that the full load operating condition have a minimum of 5.56°C (10°F) margin from any boundary condition. Seek factory guidance for operation outside of the teal polygon. Unloading at lifts greater than 45°C (81°F) should be verified by a factory sales engineer and reviewed with the engineer of record prior to final selection of equipment.

From: Terry Connor <TerryC@mjec.com>
Sent: Monday, July 21, 2025 9:26 AM
To: Jordan Block
Subject: RE: StratCap Data Center Chiller Selections

Jordan –

Just got this Sound Data on the 24-Fan air-cooled chillers for StratCap – see below:

Here is the sound data:
LwL is the linear sound power level per octave band and overall
LwA is A-Weighted sound power level per octave band and overall
LpL is the linear sound pressure at a distance of 2.5 meters per octave band and overall
LpA is the A-Weighted sound pressure level at a distance of 2.5 meters per octave band and overall

	CFM	63	125	250	500	1000	2000	4000	8000	Total	Lp @2.5m
LwL ea.	15768	79	75	75	76	77	79	78	70	86	78
LwL - 24 fans	15768	93	89	89	90	91	93	92	84	100	92
LwA - ea.	15768	53	59	66	73	77	78	77	71	83	75
LwA - 24 fans	15768	67	73	80	87	91	92	91	85	97	89

TRANE

Project Name: **StratCap** Tag: **DOAS-1**

Comments:

Unit Information

Model:	Horizon™ (OAD/N Rev6 - OADG/OANG)	Unit Length:	175 in	Weight Operating:	4482 lb*
Size:	D020	Unit Width:	95 in	*Note: Weight does not include CURB weight. See CURB submittal for actual*	
Quantity:	1	Unit Height:	68 in	**Refrigerant Charge - R-454B**	
Supply Airflow:	5,500 CFM	Elevation:	0 ft	Circuit 1:	32.8 lbs
Outside Airflow:	5,500 CFM	Ambient Air DB:	115 F		
Minimum Airflow:	1446 CFM				

Cooling Performance

Gross Total Capacity:	212.7 MBh	Evaporator Face Area:	14.76 sq ft
Gross Sensible Capacity:	208.3 MBh	Evaporator Rows / FPI:	6 / 14
Net Total Capacity:	203.2 MBh	Condenser Face Area:	30 sq ft
Net Sensible Capacity:	198.8 MBh	Condenser Rows / FPI:	5 / 13
Entering Air DB / WB (Coil):	91 / 67.6 F	Air Velocity:	372 fpm
Leaving Air DB / WB (Coil):	54.9 / 54.5 F	Coil Air PD:	0.21 in H2O
Leaving Air DB / WB (Reheat):	75 / 62.15 F	EER:	15.4
Leaving Air DB / WB (Unit):	76.9 / 62.8 F	Watts:	27263
Leaving DP:	54 F	MRE:	2.81 lb/kWh
MRC:	76.66 lb/h		

Heating Performance

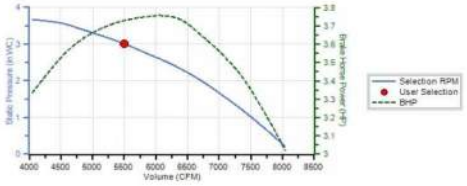
Heat Type:	Electric Heat		
Capacity	20 kW	Voltage-Ph-Hz:	460-3-60
Entering Air DB:	61.2 F	Coil Air PD:	0.02 in H2O
Leaving Air DB:	72.7 F		

Energy Recovery Wheel ERC-5262C

** TAB Outside airflow through OA Intake to this value

Summer Conditions				Winter Conditions			
Ventilation Supply		**Outside**		**Ventilation Supply**		**Outside**	
Airflow:	5,500 CFM	Airflow:	5,760 CFM**	Airflow:	5,500 CFM	Airflow:	5,760 CFM**
DB:	91.0 F	DB:	115.0 F	DB:	61.2 F	DB:	34.0 F
WB:	67.6 F	WB:	78.0 F	WB:	53.4 F	WB:	30.0 F
PD:	0.79 in H20			PD:	0.79 in H20		
Return		**Exhaust**		**Return**		**Exhaust**	
Airflow:	5,500 CFM	Airflow:	5,760 CFM	Airflow:	5,500 CFM	Airflow:	5,760 CFM
DB:	80.0 F	DB:	103.2 F	DB:	75.0 F	DB:	47.4 F
WB:	61.5 F	WB:	73.1 F	WB:	63.0 F	WB:	43.6 F
ESP:	1.00 in H20	ERV PD:	0.79 in H20	ESP:	1.00 in H20	ERV PD:	0.79 in H20
Total Capacity:	215.95 MBH	Eff:	66.0%	Total Capacity:	278.74 MBH	Eff:	65.0%
Sensible Capacity:	134.61 MBH	Eff:	68.0%	Sensible Capacity:	161.06 MBH	Eff:	67.0%
Latent Capacity:	81.33 MBH	Eff:	64.0%	Latent Capacity:	117.66 MBH	Eff:	63.0%
Enthalpy Recovery Ratio:	66.0%			Enthalpy Recovery Ratio:	63.0%		
Sensible Recovery Ratio:	68.0%			Sensible Recovery Ratio:	65.0%		

Supply Fan ANPA 20



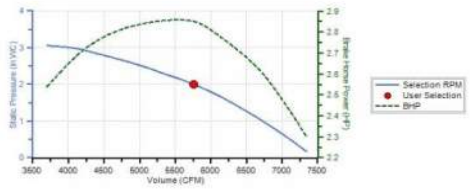
Supply Pressure Drop Summary

External Static Pressure:	1.50 in H2O
Cabinet:	0.01 in H2O
Cooling Coil:	0.21 in H2O
Base Filter:	0.01 in H2O
Filter:	0.28 in H2O
Primary Heat:	0.02 in H2O
HGRH:	0.06 in H2O
ERV OA:	0.79 in H2O
Outdoor:	0.12 in H2O
Total Static Pressure:	3.00 in H2O

Supply Fan Conditions

Fan Motor BHP:	3.73 BHP
Operating RPM:	1714 RPM
Minimum RPM:	451 RPM

Exhaust Fan ANPA 20



Exhaust Pressure Drop Summary

Return External Static Pressure:	1 in H2O
ERV Return Filter PD:	0.2 in H2O
ERV Wheel PD:	0.79 in H2O
Total Exhaust Static Pressure	1.99 in H2O

Exhaust Fan Conditions

Fan Motor BHP:	2.85 BHP
Operating RPM:	1565 RPM

Standard Radiated Sound Power Level (dBA)

63	125	250	500	1000	2000	4000	8000	Total dBA
50.1	60.1	67.7	72.6	72.8	72.3	73.9	69.2	79.8

Sound power levels are listed for informational purposes only and are not guaranteed.

Unit Electrical Data

Unit Voltage-Ph-Hz:	460-3-60	Min Circuit Ampacity - MCA:	50.3 Amps
Unit Amps - FLA:	46.3 Amps	Maximum Overcurrent Protection - MOCP:	60.0 Amps

Electrical Summary

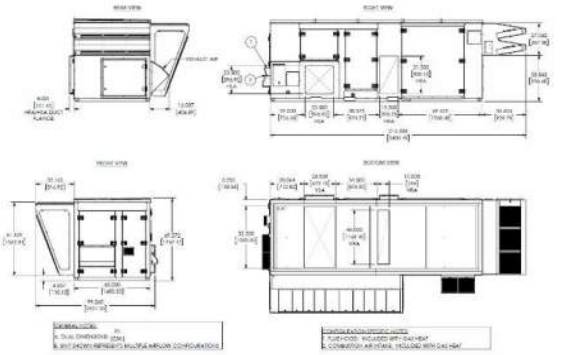
Component	Fan Service	Qty	HP (ea.)	FLA (ea.)	RLA (ea.)	LRA (ea.)
Controls		1		1.48		
Electric Heat		1		25.1		
ERV/HRV		1	0.17	0.44		
	Exhaust	1	5	6.6		
Scroll		1			13.5	123
Digital Scroll		1			13.5	130
	Supply	1	5	6.6		
	Condenser	2	1	2.1		

Notes

- Unit Electrical amps include the greater of compressor or electrical heat amps.
- Unit's electrical as shown above are for single point power.

Drawing Accurate for OAD DX and OAD ASHP

Qty: 1 Tag(s): DOAS-1



IPAK 3 20-75 ton Packaged Rooftop

Unit Overview - RA0400043**BA2F1E100A01D004A1000000A001A0A41E10A0

Unit Function	Tonnage	EER @ AHRI	IEER @ AHRI	Net Capacity @ AHRI	System Power	Elevation
DX Cooling, No Heat	40 Tons	11.0 EER	18.0 EER	470.00 MBh	57.09 kW	0.00 ft

Dimensions				Installed Weight
Height	Width	Overall Length	Footprint Length	
81.590 in	90.630 in	268.560 in	229.660 in	7645.0 lb

Unit Features

Panel	Double-wall foam injected panels (doors, base, and roof) with thermal resistance of R-9
Hinged Access Doors	Hinged Access Doors - Single Side
Agency Approval	cULus Certification



Unit Electrical

Voltage/Phase/Frequency	Unit Mounted Power Connection	SCCR Rating
460/60/3	Ckt Brkr w/ SCCR & Pwrd Conv Outlet	65000.00 A

Circuit 1		
MCA	MOP	DSS
120.00 A	125.00 A	150.00 A

Condenser Fan 1 FLA	2.90 A	Supply Fan 1 FLA	15.10 A	Compressor 1 RLA	27.90 A
Condenser Fan 2 FLA	2.70 A	Supply Fan 2 FLA	15.10 A	Compressor 4 RLA	19.20 A
Condenser Fan 4 FLA	2.90 A	Other FLA	4.50 A	Compressor 5 RLA	19.20 A
Condenser Fan 5 FLA	2.70 A				

Note: DSS value reflects factory installed Disconnect Switch Size or Terminal Block size.

Note: Connect properly sized and protected power supply wiring to the unit (copper wiring only to the unit)

Condensing Section

Refrigeration System	eFlex -Variable Speed Comp High Capacity	Refrigerant Charge Circuit 1	30.3 lb
Compressor Count	3	Refrigerant Charge Circuit 2	31.0 lb
Compressor Stages	3	Service Valves	Service Valves - Discharge
Unit Capacity Steps (%)	15-100	Design Ambient Temperature	105.00 F
Condenser Coil Type	Microchannel	Ambient Control	Low Ambient w Variable Spd Condenser Fan
Condenser Coil Face Area	118.00 sq ft	Condenser Fan Count	4
Condenser Coil Rows	1	Condenser Fan Size	30.000 in
		Condenser Fan HP (each)	1.500 hp

Heating Section

Function	DX Cooling, No Heat

Cooling Coil (DX) Section

Type	Cu-Al
Rows	6
Face Area	35.70 sq ft
Evaporator Coil Drain Pan	Stainless Steel/Condensate overflow swt
Face Velocity	448 ft/min

Inputs	
Design Airflow	16000 cfm
Entering Dry Bulb	77.70 F
Entering Wet Bulb	64.13 F

Cooling Performance	
Leaving Coil Dry Bulb	54.62 F
Leaving Coil Wet Bulb	54.21 F
Leaving Unit Dry Bulb	57.83 F
Leaving Unit Wet Bulb	55.59 F
Gross Total Capacity	461.95 MBh
Gross Sensible Capacity	399.59 MBh
Gross Latent Capacity	62.36 MBh
Net Total Capacity	414.82 MBh
Net Sensible Capacity	352.46 MBh
Net Sensible Heat Ratio	84.97 %

Dual Supply Fan - Direct Drive & Variable Speed

Supply Fan	Supply Fan - 20.0 inch, 100% width
Supply Fan Count	2
Discharge Airflow Direction	Downflow Supply & Upflow Return
Supply Fan Motor HP	Supply Fan Motor - 20HP (10HP per motor)
Supply Motor Count	2
Supply Fan Motor Type	ODP w RPM greater than or equal to 1600
System Control	Single Zone VAV (Zone Temperature)
VFD Count	2
VFD Bypass	VFD Bypass - Supply
Shaft Grounding Ring	Standard

Performance	
Design Airflow	16000 cfm
Supply Duct Static Pressure	1.500 in H2O
Total Static Pressure	5.077 in H2O
Total Supply BHP	17.514 hp
Operating Speed	2460 rpm
Supply Fan Efficiency Grade	80
Supply Fan Motor Heat	47.13 MBh

Filter Sections

Pre-Evap Coil	
Type	Pre-Evap - 4" MERV 14 Panel
Quantity/Size - #1	3 - 20 x 20 x 2
Quantity/Size - #2	7 - 20 x 24 x 2
Quantity/Size - #3	2 - 24 x 24 x 2
Face Area (sq ft.)	39.70 sq ft
Face Velocity (ft/min)	403 ft/min

Outside Air & Relief Sections

Outside Air Section	
Outside Air Option	0-100% Economizer with Traq and DCV
Outside Air Control	Economizer with Dry Bulb
Damper with FDD	Low Leak Damper
Leakage Rate	10.00 cfm/sq ft

Relief Section	
Relief Option	Barometric Relief
Airflow	14000 cfm
Airflow Direction	Downflow Supply & Upflow Return
Return Duct Static Pressure	0.750 in H2O

COMcheck Inputs

Fan ID	Fan Type	Design Air Volume	BHP at System Design Conditions
Supply Fan 1	Supply	8000 cfm	8.76 bhp
Supply Fan 2	Supply	8000 cfm	8.76 bhp

Fan ID	Maximum BHP	Motor Nameplate HP	Maximum Motor Nameplate HP
Supply Fan 1		10.000 hp	15.000 hp
Supply Fan 2		10.000 hp	15.000 hp
Relief Fan 1	NaN bhp		

Pressure Drop Credits	
Application	Flow Through Device
Particulate filtration credit: MERV 9 through 12	16000 cfm
Particulate filtration credit: MERV 13 through 15	16000 cfm

Expected Output		
Method	Proposed	Max. Allowed
Motor Nameplate HP	20.000 hp	24.000 hp
Brake HP (BHP) - Recommended	17.514 hp	23.124 hp

Notes:
1. Trane recommends using Brake HP method for ASHRAE 90.1 compliance. Motor Nameplate HP method is not intended for large multi-fan systems that are available in IntelliPak rooftop units.
2. Select pressure drop credit when applicable (Ex. unit has high efficiency filters or sound attenuation section)
3. Is the relief fan running when the supply is delivering its highest supply airflow rate (ex. at Fan System Design Condition)?
   * If yes, input into COMcheck the relief fan airflow and BHP when it is operating at the Fan System Design Condition.
   * If not, do not input the relief fan into the COMcheck calculation.
4. Applies to fans internal to the unit only. Other fans in the system must be accounted for separately.
5. IntelliPak relief fans are EC motors. COMcheck will only give maximum nameplate Hp requirements for integral horsepower motors. To check for compliance with ASHRAE 90.1-2016, use two available nameplate motors per fan (6 Hp and 8 Hp).

Total Static Pressure

Final Filters	0.000 in H2O
Heat	0.000 in H2O
HGRH Coil	0.000 in H2O
DX Coil	0.818 in H2O
Filters	0.844 in H2O
Economizer	0.384 in H2O
Supply Duct	1.500 in H2O
Return Duct	0.750 in H2O
Total Static Pressure	5.077 in H2O

Filter Status	Clean

Acoustics

	63	125	250	500	1K	2K	4K	8K
Ducted Discharge (Supply)	86 dB	83 dB	83 dB	88 dB	81 dB	77 dB	73 dB	62 dB
Ducted Inlet (Return)	94 dB	84 dB	86 dB	95 dB	82 dB	79 dB	77 dB	66 dB
Outdoor Noise	102 dB	100 dB	95 dB	93 dB	92 dB	87 dB	83 dB	76 dB

TRANE

IPAK 3 20-75 ton Packaged Rooftop

Unit Overview - RA0700043**BA2M1G100A01D004A1000000A001A0A41E10A0

Unit Function	Tonnage	EER @ AHRI	IEER @ AHRI	Net Capacity @ AHRI	System Power	Elevation
DX Cooling, No Heat	70 Tons	11.3 EER	18.0 EER	795.00 MBh	97.28 kW	0.00 ft

Dimensions				Installed Weight
Height	Width	Overall Length	Footprint Length	
81.590 in	116.130 in	316.500 in	277.660 in	10652.4 lb

Unit Features

Panel	Double-wall foam injected panels (doors, base, and roof) with thermal resistance of R-9
Hinged Access Doors	Hinged Access Doors - Single Side
Agency Approval	cULus Certification



Unit Electrical

Voltage-Phase/Frequency	Unit Mounted Power Connection	SCCR Rating
460/60/3	Ckt Brkr w/ SCCR & Pwrd Conv Outlet	65000.00 A

Circuit 1		
MCA	MOP	DSS
192.00 A	225.00 A	250.00 A

Condenser Fan 1 FLA	2.90 A	Supply Fan 1 FLA	29.90 A	Compressor 1 RLA	35.10 A
Condenser Fan 2 FLA	1.80 A	Supply Fan 2 FLA	29.90 A	Compressor 2 RLA	26.70 A
Condenser Fan 3 FLA	1.80 A	Other FLA	4.50 A	Compressor 4 RLA	21.80 A
Condenser Fan 4 FLA	2.90 A			Compressor 5 RLA	21.80 A
Condenser Fan 5 FLA	1.80 A				
Condenser Fan 6 FLA	1.80 A				

Note: DSS value reflects factory installed Disconnect Switch Size or Terminal Block size.

Note: Connect properly sized and protected power supply wiring to the unit (copper wiring only to the unit)

Condensing Section

Refrigeration System	eFlex -Variable Speed Comp High Capacity	Refrigerant Charge Circuit 1	51.5 lb
Compressor Count	4	Refrigerant Charge Circuit 2	50.8 lb
Compressor Stages	4	Service Valves	Service Valves - Discharge
Unit Capacity Steps (%)	15-100	Design Ambient Temperature	105.00 F
Condenser Coil Type	Microchannel	Ambient Control	Low Ambient w Variable Spd Condenser Fan
Condenser Coil Face Area	136.00 sq ft	Condenser Fan Count	6
Condenser Coil Rows	2	Condenser Fan Size	26.000 in
		Condenser Fan HP (each)	1.000 hp

Heating Section

Function	DX Cooling, No Heat

TRANE

COMcheck Inputs

Fan ID	Fan Type	Design Air Volume	BHP at System Design Conditions
Supply Fan 1	Supply	13000 cfm	15.99 bhp
Supply Fan 2	Supply	13000 cfm	15.99 bhp

Fan ID	Maximum BHP	Motor Nameplate HP	Maximum Motor Nameplate HP
Supply Fan 1		20.000 hp	25.000 hp
Supply Fan 2		20.000 hp	25.000 hp
Relief Fan 1	NaN bhp		

Pressure Drop Credits	
Application	Flow Through Device
Particulate filtration credit: MERV 9 through 12	26000 cfm
Particulate filtration credit: MERV 13 through 15	26000 cfm

Expected Output		
Method	Proposed	Max. Allowed
Motor Nameplate HP	40.000 hp	39.000 hp
Brake HP (BHP) - Recommended	31.986 hp	37.576 hp

Notes:
1. Trane recommends using Brake HP method for ASHRAE 90.1 compliance. Motor Nameplate HP method is not intended for large multi-fan systems that are available in IntelliPak rooftop units.
2. Select pressure drop credit when applicable (Ex. unit has high efficiency filters or sound attenuation section)
3. Is the relief fan running when the supply is delivering its highest supply airflow rate (ex. at Fan System Design Condition)?
   - * If yes, input into COMcheck the relief fan airflow and BHP when it is operating at the Fan System Design Condition.
   - * If not, do not input the relief fan into the COMcheck calculation.
4. Applies to fans internal to the unit only. Other fans in the system must be accounted for separately.
5. IntelliPak relief fans are EC motors. COMcheck will only give maximum nameplate Hp requirements for integral horsepower motors. To check for compliance with ASHRAE 90.1-2016, use two available nameplate motors per fan (6 Hp and 8 Hp).

Total Static Pressure

Final Filters	0.000 in H2O
Heat	0.000 in H2O
HGRH Coil	0.000 in H2O
DX Coil	0.572 in H2O
Filters	1.196 in H2O
Economizer	0.610 in H2O
Supply Duct	1.500 in H2O
Return Duct	0.750 in H2O
Total Static Pressure	5.194 in H2O
Filter Status	Clean

Acoustics

	63	125	250	500	1K	2K	4K	8K
Ducted Discharge (Supply)	97 dB	92 dB	97 dB	93 dB	90 dB	90 dB	86 dB	75 dB
Ducted Inlet (Return)	89 dB	81 dB	87 dB	80 dB	77 dB	74 dB	69 dB	60 dB
Outdoor Noise	99 dB	96 dB	94 dB	92 dB	91 dB	87 dB	84 dB	80 dB

TRANE

Cooling Coil (DX) Section

		Cooling Performance	
Type	Cu-Al	Leaving Coil Dry Bulb	53.91 F
Rows	6	Leaving Coil Wet Bulb	53.70 F
Face Area	66.90 sq ft	Leaving Unit Dry Bulb	57.52 F
Evaporator Coil Drain Pan	Stainless Steel/Condensate overflow swt	Leaving Unit Wet Bulb	55.27 F
Face Velocity	389 ft/min	Gross Total Capacity	783.03 MBh
		Gross Sensible Capacity	674.72 MBh
Inputs		Gross Latent Capacity	108.31 MBh
Design Airflow	26000 cfm	Net Total Capacity	696.96 MBh
Entering Dry Bulb	77.70 F	Net Sensible Capacity	588.65 MBh
Entering Wet Bulb	64.13 F	Net Sensible Heat Ratio	84.46 %

Dual Supply Fan - Direct Drive & Variable Speed

		Performance	
Supply Fan	Supply Fan - 27.0 inch, 100% width	Design Airflow	26000 cfm
Supply Fan Count	2	Supply Duct Static Pressure	1.500 in H2O
Discharge Airflow Direction	Downflow Supply & Upflow Return	Total Static Pressure	5.194 in H2O
Supply Fan Motor HP	Supply Fan Motor - 40HP (20HP per motor)	Total Supply BHP	31.986 hp
Supply Motor Count	2	Operating Speed	1709 rpm
Supply Fan Motor Type	ODP w RPM greater than or equal to 1600	Supply Fan Efficiency Grade	80
System Control	Single Zone VAV (Zone Temperature)	Supply Fan Motor Heat	86.08 MBh
VFD Count	2		
VFD Bypass	VFD Bypass - Supply		
Shaft Grounding Ring	Standard		

Filter Sections

Pre-Evap Coil	
Type	Pre-Evap - 4" MERV 14 Panel
Quantity/Size - #1	2 - 20 x 20 x 2
Quantity/Size - #2	7 - 20 x 24 x 2
Quantity/Size - #3	6 - 24 x 24 x 2
Face Area (sq ft.)	52.90 sq ft
Face Velocity (ft/min)	491 ft/min

Outside Air & Relief Sections

Outside Air Section		Relief Section	
Outside Air Option	0-100% Economizer with Traq and DCV	Relief Option	Barometric Relief
Outside Air Control	Economizer with Dry Bulb	Airflow	22000 cfm
Damper with FDD	Low Leak Damper	Airflow Direction	Downflow Supply & Upflow Return
Leakage Rate	10.00 cfm/sq ft	Return Duct Static Pressure	0.750 in H2O

IPAK 3 20-75 ton Packaged Rooftop

Unit Overview - RA0750043**BA2M1G100A01D004A1000000A001A1A41E10A0

Unit Function	Tonnage	EER @ AHRI	IEER @ AHRI	Net Capacity @ AHRI	System Power	Elevation
DX Cooling, No Heat	75 Tons	11.5 EER	18.2 EER	830.00 MBh	109.29 kW	0.00 ft

Dimensions				Installed Weight
Height	Width	Overall Length	Footprint Length	
81.590 in	116.130 in	316.500 in	277.660 in	10652.4 lb

Unit Features

Panel	Double-wall foam injected panels (doors, base, and roof) with thermal resistance of R-9
Hinged Access Doors	Hinged Access Doors - Single Side
Agency Approval	cULus Certification



Unit Electrical

Voltage/Phase/Frequency	Unit Mounted Power Connection	SCCR Rating
460/60/3	Ckt Brkr w/ SCCR & Pwrd Conv Outlet	65000.00 A

Circuit 1		
MCA	MOP	DSS
197.00 A	225.00 A	250.00 A

Condenser Fan 1 FLA	2.90 A	Supply Fan 1 FLA	29.90 A	Compressor 1 RLA	28.50 A
Condenser Fan 2 FLA	1.80 A	Supply Fan 2 FLA	29.90 A	Compressor 2 RLA	26.70 A
Condenser Fan 3 FLA	1.80 A	Other FLA	4.50 A	Compressor 4 RLA	28.20 A
Condenser Fan 4 FLA	2.90 A			Compressor 5 RLA	28.20 A
Condenser Fan 5 FLA	1.80 A				
Condenser Fan 6 FLA	1.80 A				

Note: DSS value reflects factory installed Disconnect Switch Size or Terminal Block size.

Note: Connect properly sized and protected power supply wiring to the unit (copper wiring only to the unit)

Condensing Section

Refrigeration System	eFlex -Variable Speed Comp High Capacity	Refrigerant Charge Circuit 1	56.8 lb
Compressor Count	4	Refrigerant Charge Circuit 2	47.3 lb
Compressor Stages	4	Service Valves	Service Valves - Discharge
Unit Capacity Steps (%)	15-100	Design Ambient Temperature	115.00 F
Condenser Coil Type	Microchannel	Ambient Control	Low Ambient w Variable Spd Condenser Fan
Condenser Coil Face Area	136.00 sq ft	Condenser Fan Count	6
Condenser Coil Rows	2	Condenser Fan Size	26.000 in
		Condenser Fan HP (each)	1.000 hp

Heating Section

Function	DX Cooling, No Heat

Cooling Coil (DX) Section

Type	Cu-Al
Rows	6
Face Area	66.90 sq ft
Evaporator Coil Drain Pan	Stainless Steel/Condensate overflow swt
Face Velocity	419 ft/min

Inputs	
Design Airflow	28000 cfm
Entering Dry Bulb	80.00 F
Entering Wet Bulb	61.50 F

Cooling Performance	
Leaving Coil Dry Bulb	54.64 F
Leaving Coil Wet Bulb	51.38 F
Leaving Unit Dry Bulb	58.01 F
Leaving Unit Wet Bulb	52.92 F
Gross Total Capacity	781.04 MBh
Gross Sensible Capacity	781.04 MBh
Gross Latent Capacity	0.00 MBh
Net Total Capacity	689.87 MBh
Net Sensible Capacity	689.87 MBh
Net Sensible Heat Ratio	100.00 %

Modulating Hot Gas Reheat (HGRH) and Bypass

Hot Gas Reheat & Bypass	Hot Gas Reheat
Entering Dry Bulb (in HRGH)	73.00 F
Entering Wet Bulb (in HRGH)	64.00 F
Ambient DB (in HGRH)	75.00 F

Dual Supply Fan - Direct Drive & Variable Speed

Supply Fan	Supply Fan - 27.0 inch, 100% width
Supply Fan Count	2
Discharge Airflow Direction	Downflow Supply & Upflow Return
Supply Fan Motor HP	Supply Fan Motor - 40HP (20HP per motor)
Supply Motor Count	2
Supply Fan Motor Type	ODP w RPM greater than or equal to 1600
System Control	Single Zone VAV (Zone Temperature)
VFD Count	2
VFD Bypass	VFD Bypass - Supply
Shaft Grounding Ring	Standard

Performance	
Design Airflow	28000 cfm
Supply Duct Static Pressure	1.000 in H2O
Total Static Pressure	5.017 in H2O
Total Supply BHP	33.880 hp
Operating Speed	1755 rpm
Supply Fan Efficiency Grade	80
Supply Fan Motor Heat	91.17 MBh

Filter Sections

Pre-Evap Coil	
Type	Pre-Evap - 4" MERV 14 Panel
Quantity/Size - #1	2 - 20 x 20 x 2
Quantity/Size - #2	7 - 20 x 24 x 2
Quantity/Size - #3	6 - 24 x 24 x 2
Face Area (sq ft.)	52.90 sq ft
Face Velocity (ft/min)	529 ft/min

Outside Air & Relief Sections

Outside Air Section		Relief Section	
Outside Air Option	0-100% Economizer with Traq and DCV	Relief Option	Barometric Relief
Outside Air Control	Economizer with Dry Bulb	Airflow	22000 cfm
Damper with FDD	Low Leak Damper	Airflow Direction	Downflow Supply & Upflow Return
Leakage Rate	10.00 cfm/sq ft	Return Duct Static Pressure	0.750 in H2O

COMcheck Inputs

Fan ID	Fan Type	Design Air Volume	BHP at System Design Conditions
Supply Fan 1	Supply	14000 cfm	16.94 bhp
Supply Fan 2	Supply	14000 cfm	16.94 bhp

Fan ID	Maximum BHP	Motor Nameplate HP	Maximum Motor Nameplate HP
Supply Fan 1		20.000 hp	25.000 hp
Supply Fan 2		20.000 hp	25.000 hp
Relief Fan 1	NaN bhp		

Pressure Drop Credits	
Application	Flow Through Device
Particulate filtration credit: MERV 9 through 12	28000 cfm
Particulate filtration credit: MERV 13 through 15	28000 cfm

Expected Output		
Method	Proposed	Max. Allowed
Motor Nameplate HP	40.000 hp	42.000 hp
Brake HP (BHP) - Recommended	33.880 hp	40.467 hp

Notes:
1. Trane recommends using Brake HP method for ASHRAE 90.1 compliance. Motor Nameplate HP method is not intended for large multi-fan systems that are available in IntelliPak rooftop units.
2. Select pressure drop credit when applicable (Ex. unit has high efficiency filters or sound attenuation section)
3. Is the relief fan running when the supply is delivering its highest supply airflow rate (ex. at Fan System Design Condition)?
   * If yes, input into COMcheck the relief fan airflow and BHP when it is operating at the Fan System Design Condition.
   * If not, do not input the relief fan into the COMcheck calculation.
4. Applies to fans internal to the unit only. Other fans in the system must be accounted for separately.
5. IntelliPak relief fans are EC motors. COMcheck will only give maximum nameplate Hp requirements for integral horsepower motors. To check for compliance with ASHRAE 90.1-2016, use two available nameplate motors per fan (6 Hp and 8 Hp).

Total Static Pressure

Final Filters	0.000 in H2O
Heat	0.000 in H2O
HGRH Coil	0.000 in H2O
DX Coil	0.513 in H2O
Filters	1.388 in H2O
Economizer	0.708 in H2O
Supply Duct	1.000 in H2O
Return Duct	0.750 in H2O
Total Static Pressure	5.017 in H2O
Filter Status	Clean

Acoustics

	63	125	250	500	1K	2K	4K	8K
Ducted Discharge (Supply)	97 dB	92 dB	98 dB	93 dB	91 dB	90 dB	88 dB	76 dB
Ducted Inlet (Return)	90 dB	81 dB	87 dB	80 dB	77 dB	75 dB	70 dB	60 dB
Outdoor Noise	99 dB	96 dB	94 dB	92 dB	91 dB	87 dB	84 dB	81 dB

Modeled Generator Enclosure Sound Specifications

Sound spectra and overall levels	31.5	63	125	250	500	1k	2k	4k	8k	Hz		Overall levels	
Silenced Sound Power Level (PWL)	24.9	109	104.7	89.2	70	65.3	60.3	55.8	64.3	110.4	dB	90.2	dB(A)
Immission (listener's) point													
A - weighted SPLA, LpA		57.9	63.7	55.7	41.9	40.4	36.6	31.8	38			65.3	dB(A)

66 kV 15 MVA Transformer

15 MVA Transformer Dimensions & Weight			
Dimensions		Weight	
Height	4016 mm	Tank & accesories	9500 kg
Length	6329 mm	Total oil weight	7300 kg
Width	4016 mm	Total weight	32000 kg

https://www.daelimtransformer.com/69kv-transformer.html

NEMA Standards Publication TR 1-2013 (R2019)

Transformers, Step Voltage Regulators and Reactors

Table 1
Audible Sound Levels for Oil-Immersed Power Transformers

Average Sound Level tt. Decibels	Equivalent Two-Winding Rating*																		
	350 kV BIL and Below			450, 550, 650 kV BIL			750 and 825 kV BIL			900 and 1050 kV BIL			1175 kV BIL			1300 kV BIL. and Above		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
57	700																	
58	1000																	
59				700														
60	1500			1000														
61	2000																	
62	2500			1500														
63	3000			2000														
64	4000			2500														
65	5000			3000														
66	6000			4000			3000											
67	7500	6250▲▲		5000	3750▲▲		4000	3125▲▲										
68	10000	7500		6000	5000		5000	3750										
69	12500	9375		7500	6250		6000	5000										
70	15000	12500		10000	7500		7500	6250										
71	20000	16667		12500	9375		10000	7500										
72	25000	20000	20800	15000	12500		12500	9375										
73	30000	26667	25000	20000	16667		15000	12500		12500								
74	40000	33333	33333	25000	20000	20800	20000	16667		15000			12500					
75	50000	40000	41687	30000	26667	25000	25000	20000	20800	20000	16667		15000			12500		
76	60000	53333	50000	40000	33333	33333	30000	26667	25000	25000	20000	20800	20000	16667		15000		
77	80000	66687	66667	50000	40000	41667	40000	33333	33333	30000	26667	25000	25000	20000	20800	20000	16667	
78	100000	80000	83333	60000	53333	50000	50000	40000	41667	40000	33333	33333	30000	26667	25000	25000	20000	20800
79		106667	100000	80000	66667	66667	60000	53333	50000	50000	40000	41667	40000	33333	33333	30000	26667	25000
80		133333	133333	100000	80000	83333	80000	66667	66667	60000	53333	50000	50000	40000	41667	40000	33333	33333
81			166667		106667	100000	100000	80000	83333	80000	66667	66667	60000	53333	50000	50000	40000	41667
82			200000		133333	133333		106867	100000	100000	80000	83333	80000	66667	66667	60000	53333	50000
83			250000			166667		133333	133333		10686	100000	100000	80000	83333	80000	66667	68667
84			300000			200000			166667		13333	133333		106667	100000	100000	80000	83333
85			400000			250000			200000			166667		133333	133333		106667	100000
86						300000			250000			200000			166667		133333	133333
87						400000			300000			250000			200000			168667
88									400000			300000			250000			200000
89												400000			300000			250000
90															400000			300000
91																		400000

Column 1 • Class*ONAN. ONWN and OFWF Rating*
Column 2 • Class* ONAF and ODAF First stage Auxiliary Cooling*t
Column 3 • Straight OFAF Ratings, ONAF * and ODAF * Second stage Auxiliary Cooling*t'
Classes of cooling, see section 5.1 IEEE Std. C57.12-2010

*First- and second stage auxiliary cooling, see section 4 Table 1 of IEEE Std. C57-12-2010
f For column 2 and 3 ratings, the sound levels are with the auxiliary cooling equipment in operation.
tf For intermediate kVA ratings, use the average sound level of the next larger kVA rating.
▲The equivalent two-winding 55*C or 65*C rating is defined as one-half the sum of the kVA rating of all windings
▲▲ Sixtv-seven decibels for all kVA ratings equal to this or smaller.

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MITIGATION MONITORING AND REPORTING PROGRAM

This Mitigation Monitoring and Reporting Program (MMRP), which is provided in **Table 1: Mitigation Monitoring and Reporting Program**, below, has been prepared pursuant to Public Resources Code (PRC) Section 21081.6 and CEQA Guidelines Section 15097, which require adoption of an MMRP for projects where the Lead Agency has adopted mitigation to avoid significant environmental effects. The City of Monterey Park (City) is the Lead Agency for the 1977 Saturn Data Center Project (Project), and therefore is responsible for administering and implementing the MMRP. The decision-makers must define specific reporting and/or monitoring requirements to be enforced during Project implementation prior to final approval of the proposed Project. The primary purpose of the MMRP is to ensure that the mitigation measures identified in the Initial study/Mitigated Negative Declaration (IS/MND) are implemented, thereby minimizing identified environmental effects.

Final clearance shall require all applicable verification as indicated in Table 1. The City will have primary responsibility for monitoring and reporting the implementation of the mitigation measures unless otherwise indicated. The mitigation measures are identified by the impact category and number that correspond with the IS/MND.

Table 1: Mitigation Monitoring and Reporting Program

Mitigation Measure	Responsible for Monitoring	Timing of Verification	Method of Verification	Verified Date/Initials	Sanctions for Non-Compliance
Cultural Resources					
Mitigation Measure CUL-1: In the event that archaeological resources are unexpectedly encountered during ground-disturbing activities, work within 50 feet of the find must halt and an archaeologist meeting the Secretary of the Interior's Professional Qualifications Standards for archaeology (National Park Service 1983) ("qualified archaeologist") must be contacted immediately to evaluate the resource. If the resource is determined by the qualified archaeologist to be prehistoric, a Native American representative must also be contacted to participate in the evaluation of the resource. If the qualified archaeologist and/or Native American representative determines it to be appropriate, archaeological testing for CRHR eligibility must be completed. If the resource proves to be eligible for the CRHR and significant impacts to the resource cannot be avoided via Project redesign, a qualified archaeologist will prepare a data recovery plan tailored to the physical nature and characteristics of the resource, per the requirements of the California Code of Regulations (CCR) Guidelines Section 15126.4(b)(3)(C). The data recovery plan will identify data recovery excavation methods, measurable objectives, and data thresholds to reduce any significant impacts to cultural resources related to the resource. Pursuant to the data recovery plan, the qualified archaeologist and Native American representative, as appropriate, must recover and document the scientifically consequential information that justifies the resource's significance. The City will review and approve the treatment plan and archaeological testing as appropriate, and the resulting documentation must be submitted to the regional repository of the California Historical Resources Information System, per CEQA Guidelines Section 15126.4(b)(3)(C).	City Planning Division City Building and Safety Division Project Applicant Qualified Archaeologist (if needed) Native American Representative (if needed)	During grading if any artifacts or other cultural materials are encountered	City verifies that the Applicant retained a qualified archaeologist In the event that archaeological resources are unexpectedly encountered during ground-disturbing activities, City and Native American Representative to be notified if any historic or prehistoric resources are found during construction City coordinates with qualified archaeologist, who will prepare a data recovery plan tailored to the physical nature and characteristics of the resource City reviews and approves the treatment plan and archaeological testing Resulting documentation to be submitted to the regional repository of the California Historical Resources Information System		
Geology and Soils					
Mitigation Measure GEO-1: If construction personnel encounter paleontological resources during ground-disturbing activities, they must inform the site construction superintendent who will notify the City and Project Applicant. The Project Applicant must then contact a qualified paleontologist as defined by the Standard	City Planning Division City Building and Safety Division	During grading if any artifacts or other cultural materials are	City verifies that the Applicant has retained a Qualified Paleontologist If construction personnel		

Mitigation Measure	Responsible for Monitoring	Timing of Verification	Method of Verification	Verified Date/Initials	Sanctions for Non-Compliance
Procedures for the Assessment and Mitigation of Adverse Impacts to Paleontological Resources by the SVP (SVP, 2010) and all ground-disturbing activity must cease in the immediate area of the find (within a 50-foot buffer) until the paleontologist can evaluate the find. If the discoveries are determined to be significant, full-time paleontological monitoring will be recommended for the remainder of ground disturbance for the project. Paleontological monitoring must entail the visual inspection of excavated or graded areas and trench sidewalls. If a paleontological resource is discovered, the monitor will have the authority to temporarily divert the construction equipment around the find until it is assessed for scientific significance and collected. Monitoring efforts can be reduced or eliminated at the discretion of the project paleontologist. Upon completion of fieldwork, all significant fossils collected will be prepared in a properly equipped paleontology laboratory to a point ready for curation. Preparation will include the careful removal of excess matrix from fossil materials and stabilizing and repairing specimens, as necessary. Following laboratory work, all fossil specimens must be identified to the most specific taxonomic level possible, cataloged, analyzed, and delivered the Natural History Museum of Los Angeles County for permanent curation and storage. The cost of curation is assessed by the repository and is the responsibility of the Project Applicant. At the conclusion of laboratory work and museum curation, a final Paleontological Monitoring Report will be prepared describing the results of the paleontological mitigation monitoring efforts associated with the Project. The report must include a summary of the field and laboratory methods, an overview of the Project area geology and paleontology, a list of taxa recovered, an analysis of fossils recovered and their scientific significance, and recommendations. A copy of the report must be submitted to the Natural History Museum of Los Angeles County.	Project Applicant Qualified Paleontologist (if needed) Paleontological Monitor (if needed)	encountered	encounter paleontological resources during ground-disturbing activities and if a discovery is determined to be significant, City verifies that Paleontological Monitor is present during grading activities City verifies preparation of Final Paleontological Monitoring Report submitted by Applicant to the Natural History Museum of Los Angeles County		
Hazards and Hazardous Materials					
Mitigation Measure HAZ-1: Before the Building Official issues grading permits, a site-specific Soil Management Plan (“SMP”)	City Planning Division	Prior to the issuance of	City verifies the preparation of a Soil Management Plan		

Mitigation Measure	Responsible for Monitoring	Timing of Verification	Method of Verification	Verified Date/Initials	Sanctions for Non-Compliance
must be prepared by a qualified environmental professional approved by the City and submitted to the City of Monterey Park Building and Safety Division. The SMP must include the following elements, as applicable: • Provisions for personal protection and monitoring exposure to construction workers, • Requirements for construction workers to be Hazardous Waste Operations and Emergency Response ("HAZWOPER") trained, • Procedures to be undertaken in the event that contamination is identified above action levels or previously unknown contamination is discovered, • Procedures for the safe storage, stockpiling, and disposal of any impacted soils, • Emergency procedures and responsible personnel. In the instance that previously unknown soil constituents are discovered during site excavation, the contractor shall ensure that any soil contaminated beyond acceptable regulatory levels, shall be contained, remediated if necessary, and disposed of pursuant to the performance standard levels established by federal OSHA, Cal/OSHA, SCAQMD, RWQCB, and any other regulatory agency with jurisdiction over CRECs or RECs on the Project Site.	City Building and Safety Division Qualified Environmental Professional	grading permits	by a qualified environmental professional City verifies that the Applicant and Contractors properly dispose of any soil contaminated pursuant to applicable performance standards		
Tribal Cultural Resources					
Mitigation Measure TCR-1: The Project Applicant must retain a professional Native American monitor from or approved by a consulting Tribe. The monitor will be present during construction excavations such as clearing/grubbing, grading, trenching, or any other construction excavation activity associated with the Project. If cultural resources are encountered, the Native American monitor will have the authority to request ground disturbing activities cease within 50-feet of discovery to assess and document potential finds in real time. Monitoring activities will cease when potential for significant buried resources have been exhausted (e.g., at the completion of construction excavation activity), as determined by the Qualified Archaeologist and in consultation with the Native American monitor. The Native American monitor and archaeological monitor will be present during construction excavation activity. Personnel needs would be determined during a pre-construction meeting.	Native American Monitor Qualified Archaeologist City Planning Division City Building and Safety Division	Prior to the commencement of any ground-disturbing activity, or the issuance of any permit necessary to commence a ground-disturbing activity During construction at the time that	City verifies Native American Monitor that is from or approved by a consulting Tribe Native American monitor and archaeological monitor to be present during construction excavation activity		

Mitigation Measure	Responsible for Monitoring	Timing of Verification	Method of Verification	Verified Date/Initials	Sanctions for Non-Compliance
		cultural resources are encountered			
Mitigation Measure TCR-2: If significant Pre-Contact (predating Native American contact with Europeans) and/or Post-Contact (postdating Native American contact with Europeans) cultural resources are discovered and avoidance cannot be ensured, the qualified archaeologist must develop a treatment plan, the drafts of which will be provided to the City for review and approval, as detailed within MM CUL-1.	Qualified Archaeologist (if needed) City Planning Division City Building and Safety Division	During construction if significant Pre-Contact and/or Post-Contact cultural resources are discovered and avoidance cannot be ensured	If significant Pre-Contact and/or Post-Contact cultural resources are discovered and avoidance cannot be ensured, Qualified Archaeologist prepares a treatment plan for City review and approval		
Mitigation Measure TCR-3: The Applicant must, in good faith, consult with the Tribe or Tribal Government that requested consultation under AB 52 retained Native American monitor on the disposition and treatment of any artifacts or other cultural materials if encountered during the Project grading.	City Planning Division Native American Representative	During construction grading if any artifacts or other cultural materials are encountered	Applicant to consult with the Tribe or Tribal Government that requested consultation		